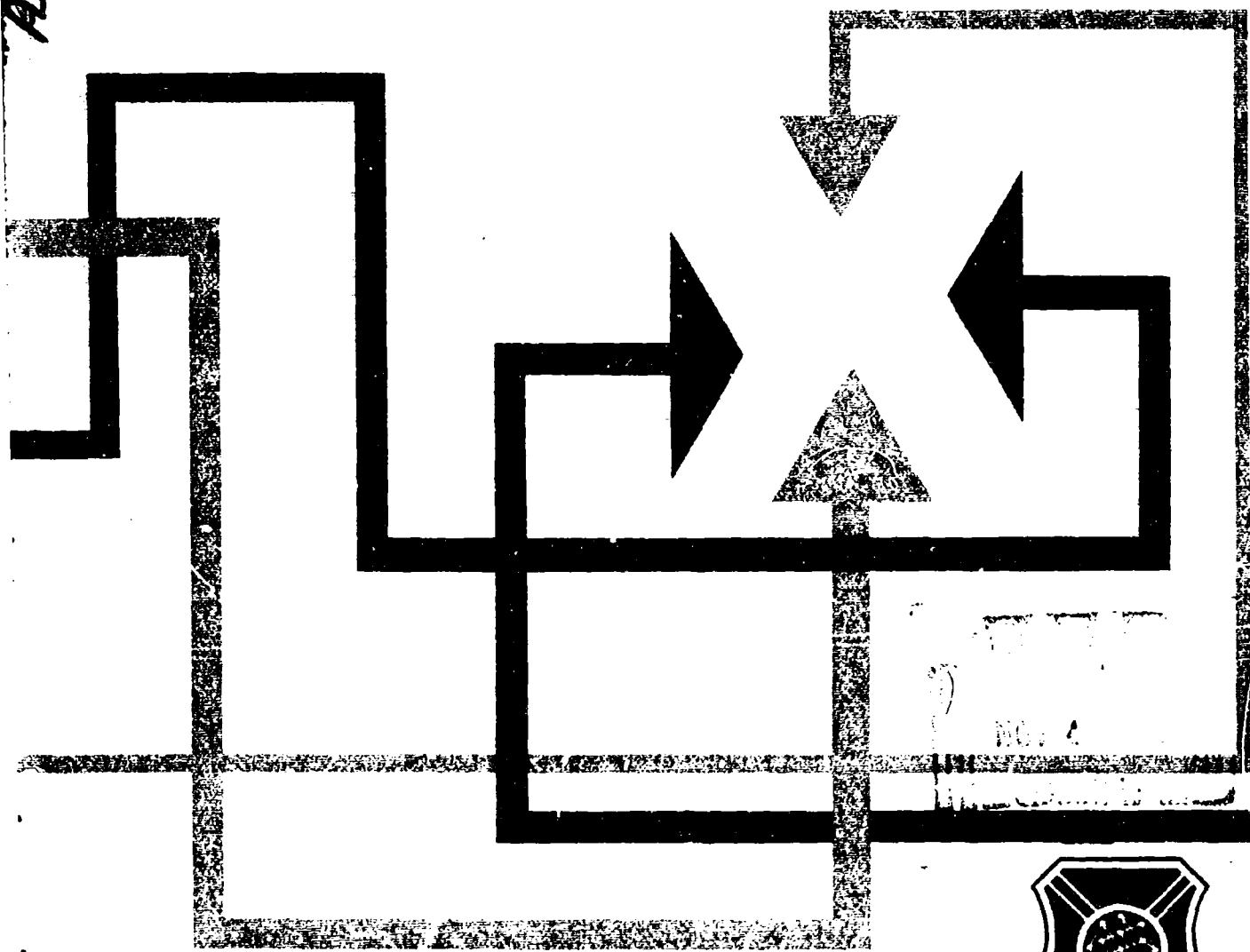
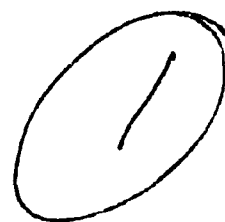


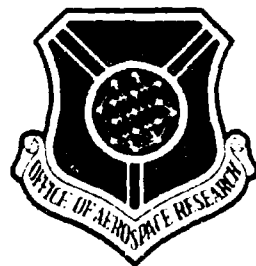
AD-692501

OAR INDEX OF RESEARCH RESULTS 1967★1968

OAR 69-0010
AD 692501



Office of Aerospace Research ★ United States Air Force



Reproduced by the
CLEARINGHOUSE
for Federal Scientific & Technical
Information, Springfield, Va. 22151

OAR **INDEX OF RESEARCH RESULTS** **1967★1968**

Editor
Jacob Seiden



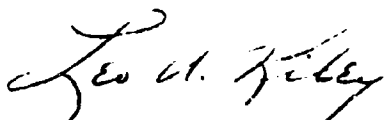
OFFICE OF AEROSPACE RESEARCH
United States Air Force
Arlington, Va.

FOREWORD

This 1967-1968 issue of the *OAR Index of Research Results* represents a continuous effort on the part of the Office of Aerospace Research to assure that the results of OAR research are made available to interested users throughout the scientific community.

By disseminating the results of OAR research included in this *Index* to scientists in industry, in Government and at the universities throughout the world, we not only implement the Air Force responsibility for "coupling" -- i.e., the transfer of OAR research results to potential users, with a resultant feedback to OAR -- but we also aid in fulfilling an even greater Government responsibility, i.e., the broadest dissemination of information possible to the scientific community worldwide.

We hope that this *Index*, representing as it does the results of research conducted by highly competent scientists, both in-house and at university and industry laboratories throughout the world, contributes to this fulfillment.



LEO A. KILEY
Brigadier General, USAF
Commander

INTRODUCTION

The OAR Index of Research Results, 1967-1968 has been so constructed as to permit the user

- to readily identify all scientific and technical reports produced and published by the various OAR subordinate units during the calendar years 1967 and 1968.
- to provide a record of the results of research sponsored by OAR at the AFSC laboratories during this same period.
- to furnish a ready reference for the identification of technical reports produced by particular authors or contractors, or under certain contracts, grants, or projects.

The *Index* is divided into several parts beginning with a Bibliography (Section I) of the results of both OAR-conducted and -sponsored research published during 1967 and 1968. This Bibliography is organized into subsections (A through F) representing AFSC through ORA. Within each subsection the technical reports are arranged alphanumerically according to the report numbers assigned by each organization. Each bibliographic entry includes the following information (if available and applicable): report number; corporate author; title and date; security classification (if classified); name(s) of the author(s); Defense Documentation Center (DDC) accession (AD) number; OAR accession number; contract or grant (instrument) number; and project and task numbers. Several Indexes (Sections II through VII) follow the Bibliography and are keyed to it by the report numbers. These are Corporate-Author, Author, Contract/Grant-Number, Project-Number, AD-Number, and KWIC (Keyword-in-Context)-Type Subject Indexes. (The last-mentioned introduces a new "across-the-page" format, with the keywords to the far left, instead of down the center of the listings as in the 1965-1966 issue. This format should make it easier for the user to follow.) Three Appendices are also included to assist the user to reference pertinent reports to the relevant Air Force R&D organizations and projects.

Every effort has been made to incorporate all research results published during 1967-1968, whether from OAR-conducted or OAR-sponsored research. Questions concerning this publication, or suggestions for improving subsequent *Indexes of Research Results*, should be directed to HQ Office of Aerospace Research (RRYC), 1400 Wilson Boulevard, Arlington, Virginia 22209.

CONTENTS

	<u>PAGE</u>
FOREWORD	111
INTRODUCTION	v
I BIBLIOGRAPHY.	1
A. Air Force Systems Command (AFSC).	1
B. Air Force Cambridge Research Laboratories (AFCRL)	4
C. Air Force Office of Scientific Research (AFOSR)	64
D. Aerospace Research Laboratories (ARL)	333
E. Frank J. Seiler Research Laboratory (SRL)	410
F. Office of Research Analyses (ORA).	411
II CORPORATE-AUTHOR INDEX.	413
III AUTHOR INDEX	463
IV CONTRACT/GRANT-NUMBER INDEX.	547
V PROJECT-NUMBER INDEX	571
VI AD-NUMBER INDEX	585
VII KWIC (Keyword-in-Context) - TYPE SUBJECT INDEX.	605
APPENDIX A. ORGANIZATION SYMBOLS	A-1
APPENDIX B. AIR FORCE RESEARCH AND DEVELOPMENT ORGANIZATIONS	B-1
APPENDIX C. OAR RESEARCH PROJECTS.	C-1

SECTION I. BIBLIOGRAPHY

A. Air Force Systems Command - AFSC

- AFAL 67-0001
GENERAL ELECTRIC CO
THEORY OF LANGMUIR PHORE CHARACTERISTICS FOR A COLLISION
DOMINATED PARTIALLY IONIZED GAS FINAL REPORT FEB 1967
BY BLUE F
INGOLD J H
OAR ACCESS NO.....P42490-001
DDC NUMBER.....AD810582
INSTR...AF-33/615/03343
PROJECT/TASK.....4152/02
- AFAL 67-0003
LITTON SYSTEMS INC
DEPTH OF PENETRATION OF HOMOARDING IONS INTO A SPUTTERED
SURFACE FINAL REPORT FEB 1967
BY WENCH G K
ANDERSON G S
OAR ACCESS NO.....241590-001
DDC NUMBER.....AD809815
INSTR...AF-33/615/02105
PROJECT/TASK.....4150/05
- AFAL 67-0004
GENERAL DYNAMICS CORP
HIGH-FIELD ELECTRONIC PHENOMENA IN THIN FILMS
TECHNICAL REPORT DEC 1967
BY CARD F E
NAYNTH D A
SAMBA D R
OAR ACCESS NO.....242500-001
DDC NUMBER.....AD825610
INSTR...AF-33/615/03051
PROJECT/TASK.....4150/02
- AFAL 67-0072
UNIVERSITY OF MINNESOTA
STUDIES OF ELECTRON SCATTERING IN THIN FILMS FINAL REPORT
MAY 1967
BY ANDERSON D C
OAR ACCESS NO.....243520-001
DDC NUMBER.....AD818150
INSTR...AF-33/615/03434
PROJECT/TASK.....4150/02
- AFAL 67-0139
GENERAL DYNAMICS CORP
DEPOSITION OF SINGLE CRYSTAL OXIDE FILMS BY EVAPORATION
AND SPUTTERING FINAL REPORT AUG 1967
BY KHORIKIAN E
SNEED H J
OAR ACCESS NO.....242260-001
DDC NUMBER.....AD820628
INSTR...AF-33/615/03397
PROJECT/TASK.....4150/02
- AFAL 67-0185
CORNELL UNIVERSITY
NOVEL ASPECTS OF ACTIVE NETWORK THEORY FINAL REPORT
SEPT 1968
BY DECLANIS M
OAR ACCESS NO.....240100-001
DDC NUMBER.....AD822027
INSTR...AF-33/615/01274
PROJECT/TASK.....7031/03
- AFAL 67-0221
MICHES AIRCRAFT CO
NETWORK SYNTHESIS AND SENSITIVITY RESEARCH FINAL REPORT
SEPT 1967
BY HOROWITZ I M
STOKCH L
OAR ACCESS NO.....243030-001
DDC NUMBER.....AD820673
INSTR...AF-33/615/03374
PROJECT/TASK.....7031/03
- AFAL 67-0323
SYSTEMS RESEARCH LABS INC
SPURIOUS SECOND HARMONICS FROM MODULATED LANGMUIR PHORES
PUBLISHED IN JOURNAL OF APPLIED PHYSICS, V34 N11 P4539-40
OCT 1967
BY OLSON R A
MEDICUS G
OAR ACCESS NO.....241740-001
DDC NUMBER.....AD806526
INSTR...AF-33/615/03062
PROJECT/TASK.....4152/02
- AFATL 67-0017
AF ARMAMENT TECHNOLOGICAL LAB /HTD/
THE AIR-DELIVERED WHITE LIGHTNING MUNITION FINAL REP BY MAR
1967
BY HOWARD F E
NIRKOLA E F
OAR ACCESS NO.....290050-001
INSTR...AFATL-9800-00-04
PROJECT/TASK.....9800/04
- AFATL 67-0119
GENERAL ELECTRIC COMPANY
THEORY OF IMPACT STRESS PROPAGATION AND DYNAMIC FRACTURE
TECHNICAL REPORT SEPT 1967
BY RINEY T D
HEYDA J F
MOK C H
OAR ACCESS NO.....290000-001
INSTR...AF-08/635/03741
PROJECT/TASK.....7234/00
- AFATL 67-0167
GENERAL ELECTRIC CO
STRESS PROPAGATION AND SPALLATION CONE KINETICS IN
PENETRATED THIN PLATES
TECHNICAL REPORT OCT 1967
BY HEYDA J F
RINEY T
OAR ACCESS NO.....290000-002
DDC NUMBER.....AD827077
INSTR...AF-04/635/03781
PROJECT/TASK.....7234/00
- AFML 67-0018
HENSSELAER POLYTECHNIC INSTITUTE
SLIDING OF COPPER-BASED SINTERED MATERIAL AGAINST STEEL IN
PARAFFINIC MINERAL OIL
ANNUAL TECHNICAL REPORT 1 MAR-31 NOV 66
BY RINKIN F
OAR ACCESS NO.....243311-001
DDC NUMBER.....AD81872L
INSTR...AF-33/615/03375
PROJECT/TASK.....7342/04
- AFML 67-0019
OHIO STATE UNIV RESEARCH FOUNDATION
PREPARATION AND INVESTIGATION OF HIGH-STRENGTH WIRCS
SUMMARY TECHNICAL REPORT NO J 31 MAY-31 DEC 66
BY DEOUTS B W
MOAZEO K L
OAR ACCESS NO.....240830-001
DDC NUMBER.....AD822595
INSTR...AF-33/615/01717
PROJECT/TASK.....7351/01
- AFML 67-0040
TYCO LABORATORIES INC
FIBER REINFORCED METAL ALLOYS FOR HIGH TEMPERATURE-HIGH
STRENGTH APPLICATIONS FINAL REPORT JAN 1967
BY RATES W F
WALD F
WEINSTEIN M
OAR ACCESS NO.....242140-001
DDC NUMBER.....AD818827
INSTR...AF-33/615/03106
PROJECT/TASK.....7351/06
- AFML 67-0054
UNIVERSITY OF NOTRE DAME
SYNTHESIS AND CHARACTERISTICS OF ARYL SULFONIDE POLYMERS
TECHNICAL REPORT PART I 16 NOV 65-15 DEC 66
BY D ALFLO G F
OAR ACCESS NO.....240541-001
DDC NUMBER.....AD815168
INSTR...AF-33/615/03450
PROJECT/TASK.....7342/01
- AFML 67-0082
CASE INSTITUTE OF TECHNOLOGY
TEMPERATURE SENSITIVE DUCTILITY IN FACE CENTERED CUBIC
COPPER ALLOYS
SUMMARY REPORT 15 FEB 62-15 FEB 67
BY THOIANO A H
KOCHEHA J R
OAR ACCESS NO.....240850-001
DDC NUMBER.....AD816418
INSTR...AF-33/615/09244
PROJECT/TASK.....7351/02
- AFML 67-0091
DUPONT F I DE NEUVES AND CO
FRICTION AND WEAR OF NONMETALLIC SOLIDS FINAL REPORT
MAY 1967
BY STEHA W P
OAR ACCESS NO.....240670-001
DDC NUMBER.....AD815365L
INSTR...AF-33/615/01201
PROJECT/TASK.....7342/04
- AFML 67-0095
CASE INSTITUTE OF TECHNOLOGY
DEVELOPMENT OF DESIGN CRITERIA FOR COMPOSITE MATERIALS
SUMMARY TECHNICAL REPORT 2 MAY 66-1 MAR 67
BY EHENT L J
HAMILTON C M
HECKER S S
OAR ACCESS NO.....240550-001
DDC NUMBER.....AD816415
INSTR...AF-33/615/03746
PROJECT/TASK.....7351/01
- AFML 67-0111
UNIVERSITY OF HOUSTON
A SPOTRESCOPIC INVESTIGATION OF PHOTO- AND THERMOCHROMISM
FINAL REPORT APR 1967
BY HECKER S S
OAR ACCESS NO.....240580-001
DDC NUMBER.....AD815260
INSTR...AF-33/615/01733
PROJECT/TASK.....7307/01
- AFML 67-0134
MIDWEST RESEARCH INSTITUTE
SYNTHESIS OF INORGANIC POLYMERS
SUMMARY TECHNICAL REPORT 1 MAR-31 MAY 67
BY LARLIS F W
OAR ACCESS NO.....240580-001
DDC NUMBER.....AD816297L
INSTR...AF-33/615/03014
PROJECT/TASK.....7342/01

AFML 67-0201
MIDWEST RESEARCH INSTITUTE
MECHANISMS OF FATIGUE HARDENING IN COPPER SINGLE CRYSTALS
TECHNICAL REPORT 1 APR 68-31 MAR 67
BY HANCOCK J H
GROSSKREUTZ J C
DAR ACCESS NO.....240811-001
DDC NUMBER.....AD821068
INSTR...AF-33/615/03987
PROJECT/TASK.....7333/01

AFML 67-0234
TRON UNIVERSITY
ELECTROLYTIC GROWTH AND PREPARATIONS OF TRANSITION METAL
COMPOUND SINGLE CRYSTALS
TECHNICAL REPORT NO 1 1 MAY 66-30 APR 67
BY BOLO A
DAR ACCESS NO.....243100-001
DDC NUMBER.....AD860615
INSTR...AF-33/615/03844
PROJECT/TASK.....7307/03

AFML 67-0256
SIOWU NUCLEAR RESEARCH ESTABLISHMENT
MICROSCOPIC THEORY OF FERROELECTRICITY FINAL REPORT
NOV 1967
BY ENGLMAN H
HUPPIN W
YATCH W
DAR ACCESS NO.....241190-001
DDC NUMBER.....AD825499
INSTR...AF-61/052/00753
PROJECT/TASK.....7367/03

AFML 67-0277
PENKIN-ELMAN CORP
LASER FLASH HEATING TECHNIQUES FOR ATOMIC ABSORPTION
SPECTROSCOPY
TECHNICAL REPORT NO. PE-LW-8899 7 MAR 66-31 AUG 67
BY MACOV N H
ZEBIRAN F
DAR ACCESS NO.....242840-001
DDC NUMBER.....AD824907
INSTR...AF-33/615/03819
PROJECT/TASK.....7367/02

AFML 67-0290
MARTIN COMPANY
RESEARCH ON STRUCTURE CHARACTERIZATION OF CONTINUOUS
FILAMENT MATERIALS
TECH REPORT SEPT 1967
BY ADLEN H P
MCINNIS G N
CASS T R
SPENCER W R
DAR ACCESS NO.....242130-001
DDC NUMBER.....AD825257
INSTR...AF-33/615/03749
PROJECT/TASK.....7353/06

AFML 67-0294
LOCKHEED AIRCRAFT CORP
DAMAGE MECHANISMS IN THERMAL CONTROL COATING SYSTEMS
FINAL REPORT SEP 1967
BY GREENBERG S A
MACMILLAN H F
SALENSKY A F
DAR ACCESS NO.....242590-001
DDC NUMBER.....AD823232L
INSTR...AF-33/615/05111
PROJECT/TASK.....7342/02

AFML 67-0335
NOMI UNIVERSITY
MASS SPECTROMETRIC STUDY OF WAXE EARTH-CARBON SYSTEMS.
I. THE CERIUM-CARBON SYSTEM. II. ATOMIZATION ENERGY OF THE
NIOCA MOLECULE
TECHNICAL REPT. 1 MAY 66-30 APR 67
BY MALDUCCI E
CAPALDI A
DEMAMIA G
GUICO M
DAR ACCESS NO.....241270-001
DDC NUMBER.....AD823286
INSTR...AF-61/052/00707
PROJECT/TASK.....7367/04

AFML 68-0045
KIEL UNIVERSITAT
THE INFLUENCE OF STATISTICAL ERRORS ON THE ABEL INVERSION
FINAL REPORT NOV 1967
BY KOCK W
WICHTER J
DAR ACCESS NO.....241280-001
DDC NUMBER.....AD827260
INSTR...AF-61/052/00797
PROJECT/TASK.....7367/04

AFML 67-0010
FLORIDA PRESBYTERIAN COLLEGE
THE EFFECTS OF DIFFERENTIAL EARLY EXPERIENCE UPON LEARNING,
PERFORMANCE, AND BIOCHEMICAL RESPONSES OF NONHUMAN
PRIMATES / RHESUS MONKEYS / FINAL REPORT APR 1967
BY ANGERMEIER W F
PHILIPS J H
DAR ACCESS NO.....290090-001
DDC NUMBER.....AD860920
INSTR...AF-29/000/05135
PROJECT/TASK.....7906/00

AFML 67-0011
FLORIDA PRESBYTERIAN COLLEGE
FACTORS IN MURINE FINAL REPORT MAY 1967
BY ANGERMEIER W F
STEVENS C E
DAR ACCESS NO.....290090-002
DDC NUMBER.....AD863973
INSTR...AF-29/000/05135
PROJECT/TASK.....7906/00

AFML 67-0012
FLORIDA PRESBYTERIAN COLLEGE
STUDIES WITH WATS II. BRAIN MECHANISM IN FEED SUSPENSION
II. COMPLEXITY AND STIMULUS CHOICE III. ACQUISITION LATENCY
AND EXCITATION FINAL REPORT MAY 1967
BY ANGERMEIER W F
NEILL O H
REINHART A L
BUDGEN C
NAY R
DAR ACCESS NO.....290090-003
DDC NUMBER.....AD864001
INSTR...AF-29/000/05135
PROJECT/TASK.....7906/00

AFML 67-0023
FLORIDA PRESBYTERIAN COLLEGE
PERFORMANCE AND BIOCHEMICAL RESPONSES RELATED TO SOCIAL
CHANGES VERSUS CHROMOTHERAPY IN NONHUMAN PRIMATES / MONKEYS
MONKEYS / FINAL REPORT NOV 1967
BY ANGERMEIER W F
PHILIPS J H
REINHOLD H H
DAVIS R
DAR ACCESS NO.....290091-001
DDC NUMBER.....AD864420
INSTR...AF-29/000-67-C-0311
PROJECT/TASK.....7906/00

AFML 67-0024
FLORIDA PRESBYTERIAN COLLEGE
DOMINANCE IN MONKEYS - BEHAVIOR AND BIOCHEMISTRY FINAL
REPORT NOV 67
BY ANGERMEIER W F
PHILIPS J H
DAR ACCESS NO.....290091-002
DDC NUMBER.....AD864619
INSTR...AF-29/000-67-C-0011
PROJECT/TASK.....7906/03

AFML 67-0025
FLORIDA PRESBYTERIAN COLLEGE
BIOPHYSICS OF INTRACRANIAL SELF-STIMULATION FINAL REPORT
NOV 1967
BY ANGERMEIER W F
NEILL O H
DAR ACCESS NO.....290091-003
DDC NUMBER.....AD864617
INSTR...AF-29/000-67-C-0011
PROJECT/TASK.....7906/00

AFML 67-0026
FLORIDA PRESBYTERIAN COLLEGE
LOW ASSESSMENT OF DIFFERENTIAL EARLY STRESS IN RATS
FINAL REPORT NOV 1967
BY ANGERMEIER W F
NAY
DAVIS R
DAR ACCESS NO.....290091-004
DDC NUMBER.....AD864618
INSTR...AF-29/000-67-C-0011
PROJECT/TASK.....7906/00

AFML 67-0102
RADIO CORP OF AMERICA
EXPERIMENTAL STUDY OF THE EFFECTS OF SURROUND BRIGHTNESS
AND SIZE ON VISUAL PERFORMANCE FINAL REPORT SEP 1967
BY IRELAND F H
KINSLOW W E
LEWIN F
PAGE U E
DAR ACCESS NO.....242210-001
DDC NUMBER.....AD864048
INSTR...AF-33/615/03773
PROJECT/TASK.....7143/02

AFML 67-0123
RADIO CORP OF AMERICA
EFFECTS OF SURROUND ILLUMINATION ON VISUAL PERFORMANCE -
AN ANNOTATED DEPICTOGRAPHY FINAL REPORT JULY 1967
BY IRELAND F H
DAR ACCESS NO.....242210-002
DDC NUMBER.....AD864048
INSTR...AF-33/615/03773
PROJECT/TASK.....7143/02

AFML 67-0121
GODFREY AEROSPACE CORP
FURTHER STUDIES ON DISTRIBUTED ADAPTATION IN NEURONIC
NETWORKS FINAL REPORT AUG 1967
BY GRIFFITH V V
DOLLEN G M
WICHTLER W E
DAR ACCESS NO.....241210-001
DDC NUMBER.....AD864048
INSTR...AF-33/615/03773
PROJECT/TASK.....7143/02

RADC 67-0010
SYRACUSE UNIVERSITY
FUNCTIONAL ANALYSIS APPROACH TO THE STABILITY OF NONLINEAR
SYSTEMS
INTERIM REPORT APR 1967
BY HICKART T A
KRIKORIAN J S JR
DAR ACCESS NO.....290090-001
DDC NUMBER.....AD864048
INSTR...AF-29/000/05135
PROJECT/TASK.....7906/00

RADC 67-0070
POLYTECHNIC INSTITUTE OF BROOKLYN
INTERPOLATION WITH POSITIVE-WEAL FUNCTIONS
FINAL REPORT 1-153-66 APR 1967
BY YOHLA D C
SAITO M
DAR ACCESS NO.....290070-001
DDC NUMBER.....AD864117
INSTR...AF-30/002/03461
PROJECT/TASK.....8509/00

RADC 67-0388
 SYRACUSE UNIVERSITY
 A STABILITY THEORY FOR NON-LINEAR DISTRIBUTED NETWORKS
 REPORT NO. EF-1988 JULY 1967
 BY WILLSON A N JR
 DAR ACCESS NO.....790380-002
 DDC NUMBER.....AD687342
 INSTR....AF-30/602/0388
 PROJECT/TASK.....8505/00

RADC 67-0389
 POLYTECHNIC INSTITUTE OF BROOKLYN
 SYNTHESIS OF FINITE PASSIVE NETWORKS WITH PRESCRIBED
 POSITIVE REAL MATRICES OF SEVERAL VARIABLES
 BY KODA T
 DAR ACCESS NO.....790070-002
 DDC NUMBER.....AD686772
 INSTR....AF-30/602/0389
 PROJECT/TASK.....8505/00

RADC 67-0376
 SYRACUSE UNIVERSITY
 FUNCTIONS OF A MATRIX
 TECHNICAL REPORT NOV 1967
 BY HEZA F M
 DAR ACCESS NO.....790380-001
 DDC NUMBER.....AD683739
 INSTR....AF-30/602/0383
 PROJECT/TASK.....8505/00

RADC 67-0575
 LEXINGTON LABORATORIES INC
 QUERIES FOR TEMPERATURE STANDARDS FINAL REPORT NOV 1967
 BY FOLWELLEN M C
 DAR ACCESS NO.....290130-001
 DDC NUMBER.....AD684462
 INSTR....F30602-67-C-0056
 PROJECT/TASK.....8503/01

B. Air Force Cambridge Research Laboratories - AFCRL

<p>AFCRL 67-0403 INTERNATIONAL BUSINESS MACHINES CORP CAMBRIDGE ATMOSPHERIC DENSITY NUMERICAL INTEGRATION PROGRAM CADNIP FINAL REPORT AUG 1967</p> <p>BY HANSON A S SLONEY J</p> <p>DAR ACCESS NO.....273190-004 DDC NUMBER.....AD637038 INSTH...AF-19/62H/04142 PROJECT/TASK.....6690/08</p>	<p>AFCRL 67-0009 UNION UNIVERSITY THE SCATTERING OF ELECTROMAGNETIC WAVES BY A FINITE WEDGE SCIENTIFIC REPORT NO 4 AF 8846/A DEC 1966</p> <p>BY AIDALA V J MULLE D W</p> <p>DAR ACCESS NO.....288470-003 DDC NUMBER.....AD660876 INSTH...AF-19/62H/03884 PROJECT/TASK.....5635/02</p>
<p>AFCRL 67-0001 PHILCO FORD CORP DEVELOPMENT AND EVALUATION OF 1200 HPS DELTA MODULATION FOR THE KY-585/U VOCODER 2633-H SCIENTIFIC REPORT NO 1 NOV 1966</p> <p>BY MITCHELL H A</p> <p>DAR ACCESS NO.....251650-001 DDC NUMBER.....AD607573 INSTH...AF-19/62H/00546 PROJECT/TASK.....4610/02</p>	<p>AFCRL 67-0010 PANKE MATHEMATICAL LABORATORIES INC MATHEMATICAL RESEARCH ON CODING THEORY FINAL REPORT DEC 1966</p> <p>DAR ACCESS NO.....272581-007 DDC NUMBER.....AD644876 INSTH...AF-19/62H/03826 PROJECT/TASK.....4610/03</p>
<p>AFCRL 67-0002 PHILCO FORD CORP DEVELOPMENT AND EVALUATION OF VOCODER SYNTHESIZER FOR THE KY-585/U VOCODER 2633-H SCIENTIFIC REPORT NO 2 NOV 1966</p> <p>BY MITCHELL H A</p> <p>DAR ACCESS NO.....251650-002 DDC NUMBER.....AD607574 INSTH...AF-19/62H/00586 PROJECT/TASK.....4610/02</p>	<p>AFCRL 67-0012 HQ AFCHL CMF SIGNIFICANCE OF IRON-RICH SILICATES IN THE MEZO-MAGMAS CHONDRITE AMERICAN MINERALOGIST VOL 51 PP 1177-1191 JULY 1966</p> <p>BY DODD R I VAN SCHMUS H MARVIN U H</p> <p>DAR ACCESS NO.....255380-001 DDC NUMBER.....AD644881 INSTH...AF-19/62H-7698-01-01 PROJECT/TASK.....7698/01</p>
<p>AFCRL 67-0003 HQ AFCHL CMF AEROSOL PLASUREMENTS IN THE TROPOSPHERE AND STRATOSPHERE APPLIED OPTICS VOL 5 NO 11 PP 1769-1776 NOVEMBER 1966</p> <p>BY FLETCHER L</p> <p>DAR ACCESS NO.....255270-001 DDC NUMBER.....AD648724 INSTH...AF-19/62H-7670-04-01 PROJECT/TASK.....7670/04</p>	<p>AFCRL 67-0013 STANFORD RESEARCH INSTITUTE LIDAR-RADAR LOWER ATMOSPHERIC OBSERVATIONS FINAL REPORT DEC 1966</p> <p>BY VIEZEE W ORLANAS J</p> <p>DAR ACCESS NO.....256590-001 DDC NUMBER.....AD647463 INSTH...AF-19/62H/05976 PROJECT/TASK.....8670/07</p>
<p>AFCRL 67-0004 SPERRY RAND RESEARCH CENTER EVALUATION OF PSEUDO-RANDOM DOT-SCANNING TELEVISION SYSTEMS FINAL REPORT JAN 1967 SRRC-CR-66-49 JAN 1967</p> <p>BY KAUFMAN L LINCOLN A J PITBLADO C</p> <p>DAR ACCESS NO.....270000-001 DDC NUMBER.....AD647592 INSTH...AF-19/62H/05672 PROJECT/TASK.....4610/07</p>	<p>AFCRL 67-0014 UNIVERSITY OF WESTERN ONTARIO TRANSIENT RESPONSE IN RADIO REFRACTOMETERS SCIENTIFIC REPORT NO TP-3 NOV 1966</p> <p>BY MAY D R STEWART D A ATTENHEAD J H</p> <p>DAR ACCESS NO.....266751-002 DDC NUMBER.....AD655135 INSTH...AF-19/62H/03835 PROJECT/TASK.....6682/04</p>
<p>AFCRL 67-0005 RADIO CORPORATION OF AMERICA INVESTIGATION OF TWO-CARRIER INJECTION ELECTROLUMINESCENCE FINAL REPORT DEC 1966</p> <p>BY FISCHER A G FONGER W H</p> <p>DAR ACCESS NO.....267941-003 DDC NUMBER.....AD647067 INSTH...AF-19/62H/03866 PROJECT/TASK.....4604/05</p>	<p>AFCRL 67-0015 HQ AFCHL CMF A PRELIMINARY REPORT ON DOPPLER RADAR OBSERVATION OF TURBULENCE IN A THUNDERSTORM SRD NO 255 JAN 1967</p> <p>BY DONALDSON R J</p> <p>DAR ACCESS NO.....256670-010 DDC NUMBER.....AD649779 INSTH...AF-19/62H-05-01 PROJECT/TASK.....6672/05</p>
<p>AFCRL 67-0006 RADIO CORPORATION OF AMERICA INTEGRATED LOGIC NETS FINAL REPORT JAN 1967</p> <p>BY HEIMAN F P</p> <p>DAR ACCESS NO.....272411-004 DDC NUMBER.....AD646775 INSTH...AF-19/62H/04204 PROJECT/TASK.....6641/04</p>	<p>AFCRL 67-0016 WESTINGHOUSE ELECTRIC CORPORATION BEHAVIOR OF COHERENT MICROWAVE PHONONS AT LOW AL/SUB2/O/SUB TEMPERATURES IN USING VAPOR-DEPOSITED THIN-FILM PIEZOELECTRIC TRANSDUCERS THE PHYSICAL REVIEW VOL 139 NO 5A PP A1635-A1639 30 AUGUST 1965</p> <p>BY DE KLERK J</p> <p>DAR ACCESS NO.....268641-001 DDC NUMBER.....AD646036 INSTH...AF-19/62H/04372 PROJECT/TASK.....6683/01</p>
<p>AFCRL 67-0007 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH RESEARCH DIRECTED TOWARD THE STUDY OF INFRARED TRANSMISSION THROUGH VARIOUS ATMOSPHERES FINAL REPORT DEC 1966</p> <p>BY HANNAH C M MANNING E R PATEY H H</p> <p>DAR ACCESS NO.....251270-002 DDC NUMBER.....AD646084 INSTH...AF-19/62H/03894 PROJECT/TASK.....7672/03</p>	<p>AFCRL 67-0017 WESTINGHOUSE ELECTRIC CORPORATION MULTILAYER ENHANCEMENT OF MICROWAVE PIEZOELECTRIC CONVERSION IN CAS-SIO LAYERS APPLIED PHYSICS LETTERS VOL 7 NO 10 PP 264-265 15 NOVEMBER 1965</p> <p>BY DE KLERK J KLEMMEN H G KELLY E F</p> <p>DAR ACCESS NO.....268641-002 DDC NUMBER.....AD646041 INSTH...AF-19/62H/04372 PROJECT/TASK.....6683/01</p>
<p>AFCRL 67-0008 CONDUCTION CORP REDUCTION OF HADAMARD CROSS SECTION BY IMPEDANCE LOADING KUM QUARTERLY TECHNICAL REPORT NO 2 DEC 1966</p> <p>BY MCCOWELL C M RITT H K</p> <p>DAR ACCESS NO.....254750-002 DDC NUMBER.....AD637121 INSTH...AF-19/62H/04149 PROJECT/TASK.....4675/00</p>	<p>AFCRL 67-0019 WESTINGHOUSE ELECTRIC CORPORATION MULTILAYER THIN FILM PIEZOELECTRIC TRANSDUCERS IEEE TRANSACTIONS ON SONICS AND ULTRASONICS VOL SU-13 NO 3 PP 44-103 AUGUST 1966</p> <p>BY DE KLERK J</p> <p>DAR ACCESS NO.....268641-004 DDC NUMBER.....AD646046 INSTH...AF-19/62H/04372 PROJECT/TASK.....6683/01</p>

B. Air Force Cambridge Research Laboratories - AFCRL

<p>AFCRL 67-0003 INTERNATIONAL BUSINESS MACHINES CORP CAMBRIDGE ATMOSPHERIC DENSITY NUMERICAL INTEGRATION PROGRAM CADNIP FINAL REPORT AUG 1967</p> <p>BY HANSON A S SLOWEY J</p> <p>DAR ACCESS NO.....273190-004 DDC NUMBER.....AD657038 INSTH...AF-19/62H/04192 PROJECT/TASK.....0690/05</p>	<p>AFCRL 67-0009 URDN UNIVERSITY TMP SCATTERING OF ELECTROMAGNETIC WAVES BY A FINITE WEDGE SCIENTIFIC REPORT NO 8 AF 3840/4 DEC 1966</p> <p>BY AIOALA V J DOLLE D W</p> <p>DAR ACCESS NO.....258470-003 DDC NUMBER.....AD650319 INSTH...AF-19/62H/08446 PROJECT/TASK.....5615/02</p>
<p>AFCRL 67-0001 PHILCO FORD CORP DEVELOPMENT AND EVALUATION OF 1200 KPS DELTA MODULATION FOR THE KY-565/U VOCODEX 2633-H SCIENTIFIC REPORT NO1 NOV 1966</p> <p>BY MITCHELL H A</p> <p>DAR ACCESS NO.....251050-001 DDC NUMBER.....AD007373 INSTH...AF-19/62H/00586 PROJECT/TASK.....4610/02</p>	<p>AFCRL 67-0010 DANKE MATHEMATICAL LABORATORIES INC MATHEMATICAL RESEARCH ON CODING THEORY FINAL REPORT DEC 1966</p> <p>DAR ACCESS NO.....272501-007 DDC NUMBER.....AD640676 INSTH...AF-19/62H/03626 PROJECT/TASK.....4610/03</p>
<p>AFCRL 67-0002 PHILCO FORD CORP DEVELOPMENT AND EVALUATION OF VOCODEX SYNTHESIZER FOR THE KY-565/U VOCODEX 2633-H SCIENTIFIC REPORT NO 2 NOV 1966</p> <p>BY MITCHELL H A</p> <p>DAR ACCESS NO.....251050-002 DDC NUMBER.....AD007374 INSTH...AF-19/62H/00586 PROJECT/TASK.....4610/02</p>	<p>AFCRL 67-0012 NY AFCHL CMF SIGNIFICANCE OF IRON-RICH SILICATES IN THE MEZO-MAGARAS CHONDRITE AMERICAN MINERALOGIST VOL 51 PP 1177-1191 JULY 1966</p> <p>BY DODD R T VAN SCHMUS B MARVIN U H</p> <p>DAR ACCESS NO.....258350-001 DDC NUMBER.....AD649181 INSTH...AFCHL-7608-01-01 PROJECT/TASK.....7608/01</p>
<p>AFCRL 67-0004 NO AFCHL CMF AEROSOL MEASUREMENTS IN THE TROPOSPHERE AND STRATOSPHERE APPLIED OPTICS VOL 5 NO 11 PP 1769-1776 NOVEMBER 1966</p> <p>BY ELTERMAN L</p> <p>DAR ACCESS NO.....255270-001 DDC NUMBER.....AD648720 INSTH...AFCHL-7670-04-01 PROJECT/TASK.....7670/04</p>	<p>AFCRL 67-0013 STANFORD RESEARCH INSTITUTE LIDAR-MAGAR LOWEN ATMOSPHERIC OBSERVATIONS FINAL REPORT DEC 1966</p> <p>BY VIEZEE W ORLANAS J</p> <p>DAR ACCESS NO.....258500-001 DDC NUMBER.....AD647663 INSTH...AF-19/62H/05976 PROJECT/TASK.....0670/07</p>
<p>AFCRL 67-0004 SPERRY RAND RESEARCH CENTER EVALUATION OF PSEUDO-RANDOM DOT-SCANNING TELEVISION SYSTEMS FINAL REPORT JAN 1967 SRRC-CP-66-49 JAN 1967</p> <p>BY KAUFMAN L LINCOLN A J PITBLADO C</p> <p>DAR ACCESS NO.....270000-001 DDC NUMBER.....AD647592 INSTH...AF-19/62H/05672 PROJECT/TASK.....4610/07</p>	<p>AFCRL 67-0014 UNIVERSITY OF WESTERN ONTARIO TRANSIENT RESPONSE IN RADIO REFRACTOMETERS SCIENTIFIC REPORT NO TP-3 NOV 1966</p> <p>BY HAY D R STEWART D A AITKENHEAD J H</p> <p>DAR ACCESS NO.....268751-002 DDC NUMBER.....AD651135 INSTH...AF-19/62H/03835 PROJECT/TASK.....0608/06</p>
<p>AFCRL 67-0005 RADIO CORPORATION OF AMERICA INVESTIGATION OF TWO-CARRIER INJECTION ELECTROLUMINESCENCE FINAL REPORT DEC 1966</p> <p>BY FISCHER A G FUNGHE W H</p> <p>DAR ACCESS NO.....267981-003 DDC NUMBER.....AD647087 INSTH...AF-19/62H/03866 PROJECT/TASK.....4604/05</p>	<p>AFCRL 67-0015 NO AFCHL CRM A PRELIMINARY REPORT ON DOPPLER RADAR OBSERVATION OF TUMULENCE IN A THUNDERSTORM LMP NO 255 JAN 1967</p> <p>BY DONALDSON R J</p> <p>DAR ACCESS NO.....259570-010 DDC NUMBER.....AD640779 INSTH...AFCHL-6672-05-01 PROJECT/TASK.....0672/05</p>
<p>AFCRL 67-0006 RADIO CORPORATION OF AMERICA INTEGRATED LOGIC NETS FINAL REPORT JAN 1967</p> <p>BY HEIMAN F P</p> <p>DAR ACCESS NO.....272011-004 DDC NUMBER.....AD646726 INSTH...AF-19/62H/04208 PROJECT/TASK.....4604/04</p>	<p>AFCRL 67-0016 WESTINGHOUSE ELECTRIC CORPORATION BEHAVIOR OF COMBINED MICROWAVE PHENOMENA AT LOW AL/SUBP/03/SUB TEMPERATURES IN USING VAPOR-DEPOSITED THIN-FILM PIEZOELECTRIC TRANSDUCERS THE PHYSICAL REVIEW VOL 139 NO 5A PP A1635-A1639 30 AUGUST 1965</p> <p>BY DE KLERK J</p> <p>DAR ACCESS NO.....268661-001 DDC NUMBER.....AD646036 INSTH...AF-19/62H/04372 PROJECT/TASK.....0603/01</p>
<p>AFCRL 67-0007 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH RESEARCH DIRECTED TOWARD THE STUDY OF INFRARED TRANSMISSION THROUGH VARIOUS ATMOSPHERES FINAL REPORT DEC 1966</p> <p>BY HARWARD C N WANNING E R PATTY H N</p> <p>DAR ACCESS NO.....251270-002 DDC NUMBER.....AD646844 INSTH...AF-19/62H/03844 PROJECT/TASK.....7670/03</p>	<p>AFCRL 67-0017 WESTINGHOUSE ELECTRIC CORPORATION MULTILAYER ENHANCEMENT OF MICROWAVE PIEZOELECTRIC CONVERSION IN CAS-SIO LAYERS ADULTED PHYSICS LETTERS VOL 7 NO 10 PP 266-268 15 NOVEMBER 1965</p> <p>BY DE KLERK J NIELSENS W G KELLY E F</p> <p>DAR ACCESS NO.....268661-002 DDC NUMBER.....AD646036 INSTH...AF-19/62H/04372 PROJECT/TASK.....0603/01</p>
<p>AFCRL 67-0008 CONDUCTION CORP REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING KUM QUARTERLY TECHNICAL REPORT NO 2 DEC 1966</p> <p>BY MCDOWELL C M RIIT H K</p> <p>DAR ACCESS NO.....254750-002 DDC NUMBER.....AD371121 INSTH...AF-19/62H/04149 PROJECT/TASK.....0675/00</p>	<p>AFCRL 67-0019 WESTINGHOUSE ELECTRIC CORPORATION MULTILAYER THIN FILM PIEZOELECTRIC TRANSDUCERS IEEE TRANSACTIONS ON SONICS AND ULTRASONICS VOL SU-13 NO 3 PP 99-103 AUGUST 1966</p> <p>BY DE KLERK J</p> <p>DAR ACCESS NO.....268661-004 DDC NUMBER.....AD646036 INSTH...AF-19/62H/04372 PROJECT/TASK.....0603/01</p>

APCRL 67-0020
HQ APCRL CRU
ANALYTICAL DESCRIPTION OF A FABRY-PEROT PHOTOELECTRIC
SPECTROMETER
APPLIED OPTICS VOL 5 NO 11 PP 1745-1748 NOVEMBER 1966
BY HERNANDEZ G
OAR ACCESS NO.....256810-001
DOC NUMBER.....AD649395
INSTR...APCRL-0007-00-01
PROJECT/TASK.....0000/0-

APCRL 67-0021
HQ APCRL CRU
PHOTOCONDUCTIVITY OF ELPCTRON ACCEPTORS FLUOREN-DELTA/
SUPER 9 ALPHA /-HALOGENITHILE
JOURNAL OF PHYSICAL CHEMISTRY VOL 70 NO 12 PP 3488-3492
DECEMBER 1966
BY MUKHERJEE T K
OAR ACCESS NO.....256020-004
INSTR...APCRL-8659-01-01
PROJECT/TASK.....8659/01

APCRL 67-0022
COLUMBIA UNIVERSITY
HIGH RAYLEIGH WAVE PHASE VELOCITIES FOR THE NEW DELHI
INDIA-LAHORE PAKISTAN PROFILE
BULL OF SEISMOLOGICAL SOC OF AMER V 56 NO 5 PP 1137-1145
OCTOBER 1966
BY GABRIEL V G
KUD J T
OAR ACCESS NO.....278521-012
DOC NUMBER.....AD648976
INSTR...AF-19/628/04082
PROJECT/TASK.....8652/01

APCRL 67-0023
SAINT LOUIS UNIVERSITY
THE FOCAL MECHANISM OF THE ALASKA EARTHQUAKE OF MARCH 28
1964 AND OF ITS AFTERSHOCK SEQUENCE
GEOPHYSICAL RESEARCH VOL 71 NO 22 PP 5283-5296 15 NOVEMBER
1966
BY STAUDER W S J
BOLLINGER G A
OAR ACCESS NO.....253071-002
DOC NUMBER.....AD645790
INSTR...AF-19/628/05100
PROJECT/TASK.....8652/01

APCRL 67-0024
SYSTEM DEVELOPMENT CORPORATION
PARTIAL ALGORITHM PROBLEMS FOR CONTEXT FREE LANGUAGES
TM-738/027/00 SCIENTIFIC REPORT NO 1 OCT 1966
BY ULLIAN J S
OAR ACCESS NO.....259400-001
DOC NUMBER.....AD651226
INSTR...F19628-67-C-0008
PROJECT/TASK.....5032/05

APCRL 67-0025
STANFORD UNIVERSITY
GEOMECHANICAL ACOUSTICS IN MAGNETIC MATERIALS
IEEE TRANSACTIONS ON SONICS AND ULTRASONICS VOL SU-13 NO 3
PP 92-96 AUGUST 1966
BY AULD B
ADDISON R C
OAR ACCESS NO.....252042-001
DOC NUMBER.....AD646792
INSTR...AF-19/628/08545
PROJECT/TASK.....8635/03

APCRL 67-0026
SOUTHWEST CENTER FOR ADVANCED STUDIES
AZIMUTHAL VARIATION OF U S STATION RESIDUALS
NATURE VOL 210 NO 5036 PP 619-620 7 MAY 1966
BY CLEARY J R
MALES A L
OAR ACCESS NO.....253190-003
DOC NUMBER.....AD636290
INSTR...AF-19/628/02936
PROJECT/TASK.....8652/04

APCRL 67-0027
UNIVERSITY OF CALIFORNIA
QUANTUM ELECTRODYNAMICS FROM THE POINT OF VIEW OF
TOPOLOGICAL GROUPS FINAL REPORT DEC 1966
BY SACHS M
OAR ACCESS NO.....250210-001
DOC NUMBER.....AD649266
INSTR...AF-19/628/02816
PROJECT/TASK.....5634/06

APCRL 67-0028
GEO-SCIENCE INC
AIRGLOW OBSERVATIONS AND RESEARCH FINAL REPORT DEC 1966
BY JONES M W
OAR ACCESS NO.....272661-001
DOC NUMBER.....AD649807
INSTR...AF-19/628/09062
PROJECT/TASK.....7661/02

APCRL 67-0029
FURTHER APPLICATIONS OF THE CHEMILUMINESCENT METHOD FOR
THE MEASUREMENT OF ATMOSPHERIC OZONE FINAL REPORT JAN 1967
BY REGENER V M
OAR ACCESS NO.....250580-001
DOC NUMBER.....AD648916
INSTR...AF-19/628/02927
PROJECT/TASK.....8604/06

APCRL 67-0030
LITTON SYSTEMS INC
RESEARCH IN MULTIPLE ALTERNATIVE COMMUNICATIONS FINAL
REPORT NOV 1966
BY FLOYD W B
MUTTALL A M
OAR ACCESS NO.....251910-002
DOC NUMBER.....AD647404
INSTR...AF-19/628/04081
PROJECT/TASK.....8610/03

APCRL 67-0031
F G AND G INC
ASTROGEOETIC INSTRUMENTATION AND FIELD SERVICES
ENGINEERING FINAL REPORT DEC 1966
BY ROTCH A L
SWENSON P B
OAR ACCESS NO.....866923-001
DOC NUMBER.....AD647300
INSTR...AF-19/628/05139
PROJECT/TASK.....7600/06

APCRL 67-0032
THE UNIVERSITY OF LEEDS
CALCULATED MAGNETIC ELECTRON DRIFT VELOCITIES IN H H/SUB2/
O/SUB2/ AIR AND C/SUB2H/SUB6/ FOR 10 E/P 10/TO THE 6TH
POWER/VM/TO THE MINUS 1 POWER/ TOBRT/TO THE MINUS 12 POWER
BRITISH JOURNAL OF APPLIED PHYSICS 1966 VOL 17 PP 1075-1082
BY HEYLEN A E
DARGAN C L
OAR ACCESS NO.....252320-001
DOC NUMBER.....AD647535
INSTR...AF-61/052/00812
PROJECT/TASK.....4642/02

APCRL 67-0033
THE UNIVERSITY OF LEEDS
THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE
ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE
TOWNSEND REGION
SCIENTIFIC SUMMARY REPORT NO 2 SEPT 1966
BY HEYLEN A E D
DARGAN C L M
OAR ACCESS NO.....262320-002
DOC NUMBER.....AD647185
INSTR...AF-61/052/00812
PROJECT/TASK.....4642/02

APCRL 67-0034
EG&G INC
THRESHOLD DETECTION OF GEODETTIC SATELLITE IMAGES
SCIENTIFIC REPORT NO 3 NOV 1966
BY ACKENMAN S
OAR ACCESS NO.....250281-003
DOC NUMBER.....AD648165
INSTR...AF-19/628/05510
PROJECT/TASK.....7600/06

APCRL 67-0035
HARVARD UNIVERSITY
CLASSIFICATION OF SOLAR PROMINENCES FOR SUNSPOT CYCLE NO 19
-1964
SCIENTIFIC REPORT NO 12 DEC 1966
BY MENZEL D H
JONES F S
OAR ACCESS NO.....271771-010
DOC NUMBER.....AD651132
INSTR...AF-19/628/03322
PROJECT/TASK.....7649/06

APCRL 67-0036
HARVARD UNIVERSITY
ARRAYS OF UNEQUAL AND UNEQUALLY SPACED DIPOLES WITH
APPLICATION TO THE LOG-PERIODIC ANTENNA
SCIENTIFIC REPORT NO 14 DEC 1966
BY WENG-MENG C
OAR ACCESS NO.....271681-006
DOC NUMBER.....AD648450
INSTR...AF-19/628/02406
PROJECT/TASK.....5635/02

APCRL 67-0037
HARVARD UNIVERSITY
MAGNETOELASTIC INTERACTIONS IN FERROITES
IEEE TRANS ON SONICS & ULTRASONICS VOL SU-13 NO 3 P88-92
AUGUST 1966
BY JONES M V
OAR ACCESS NO.....271871-008
DOC NUMBER.....AD647856
INSTR...AF-19/628/03674
PROJECT/TASK.....5635/03

APCRL 67-0039
AIR FORCE CAMBRIDGE RESEARCH LABS
ON THE LIMIT SETS OF THE 2 X 1 HOMOGENEOUS NETS
IEEE TRANSACTIONS ON ELECTRONIC COMPUTERS VOL EC-15 NO 5 PP
810-812 OCTOBER 1966
BY SETHARES G C
OAR ACCESS NO.....257580-002
DOC NUMBER.....AD649182
INSTR...APCRL-8641-01-01
PROJECT/TASK.....8641/01

APCRL 67-0040
HQ APCRL CRU
SELECTIVE ENHANCEMENT IN HYDROGENLIKE MOLECULES WITH THE
RARE GASES H/SUB2 WITH AN AND KR
JOURNAL OF CHEMICAL PHYSICS VOL 45 NO 6 PP 2000-2010 15
SEPTEMBER 1966
BY TAKEZAWA S
IMNES F R
YANAKA Y
OAR ACCESS NO.....255790-001
DOC NUMBER.....AD649306
INSTR...APCRL-8627-02-01
PROJECT/TASK.....8627/02

AFCL 67-0041
BRANDEIS UNIVERSITY
A QUANTUM CHARACTERIZATION OF CLASSICAL RADIATION
ANNALS OF PHYSICS VOL 39 NO 3 PP 498-512 OCTOBER 1966
OAR ACCESS NO.....252771-001
DOC NUMBER.....AD648246
INSTR...AF-19/628/05HJ3
PROJECT/TASK.....4645/02
BY AMARONOV Y
LERNER E
FALKOFF D
PENDLETON M

AFCL 67-0042
GENERAL DYNAMICS CORP
AIRCRAFT INSTRUMENTATION TO MEASURE CLOUD REFLECTANCE
PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND
INFRARED ENERGY
SCIENTIFIC REPORT NO 1 NOV 1966
OAR ACCESS NO.....252600-001
DOC NUMBER.....AD610797
INSTR...AF-19/628/05517
PROJECT/TASK.....6698/03
BY MARGGRAF W A
GRIGGS M

AFCL 67-0043
HQ AFCL CHF
BIBLIOGRAPHY OF LUNAR AND PLANETARY RESEARCH-1965
SPECIAL REPORTS NO 56 JAN 1967
OAR ACCESS NO.....255410-006
DOC NUMBER.....AD648463
INSTR...AFCL-2602-03-01
PROJECT/TASK.....8602/03
BY SALISBURY J W

AFCL 67-0044
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
LINEAR SOLUTIONS OF THE GEODETIC BOUNDARY-VALUE PROBLEM
REPORT NO 79 SCIENTIFIC REPORT NO 11 DEC 1966
OAR ACCESS NO.....272252-011
DOC NUMBER.....AD653193
INSTR...AF-19/628/05701
PROJECT/TASK.....7600/02
BY MORITZ M

AFCL 67-0045
PARKE MATHEMATICAL LABORATORIES INC
A STUDY OF ERROR CORRECTING CODES III SYNCHRONIZABILITY
AND CONVA FREEDOM
SCIENTIFIC REPORT NO 1 DEC 1966
OAR ACCESS NO.....272582-001
DOC NUMBER.....AD651749
INSTR...F19628-67-C-0030
PROJECT/TASK.....8681/02
BY ARQUETTE L
CALABI L
HARTNETT W E

AFCL 67-0046
GENERAL ELECTRIC COMPANY
NEW SOLID-STATE DEVICE CONCEPTS
SCIENTIFIC REPORT NO 7 DEC 1966
OAR ACCESS NO.....264042-006
DOC NUMBER.....AD649334
INSTR...AF-19/628/04976
PROJECT/TASK.....4608/05
BY AVEN M
GARNACKI W
HALL R B
HALL R N
RICHARDSON J R

AFCL 67-0047
INFORMATION INTERNATIONAL INC
A LISP 1 S SYSTEM FOR THE M40 COMPUTER FINAL REPORT JAN
1967
OAR ACCESS NO.....753310-001
DOC NUMBER.....AD647476
INSTR...AF-19/628/05207
PROJECT/TASK.....8673/00
BY ABRAHAMS P W

AFCL 67-0048
PRINCETON UNIVERSITY
SHEAR RESISTANCE AND EQUATION OF STATE FOR NONCOHESIVE
GRANULAR MACROMERITIC SYSTEMS
SCIENTIFIC REPORT 3 PRINCETON SOIL ENGINEERING RESEARCH
SERIES NO 7 APR 1966
OAR ACCESS NO.....250360-002
DOC NUMBER.....AD646990
INSTR...AF-19/628/02414
PROJECT/TASK.....7628/04
BY WINTERKORN M F

AFCL 67-0049
UTAH STATE UNIVERSITY
A REAL TIME FOURIER TRANSFORM SYNTHESIZER
SCIENTIFIC REPORT NO 7 NOV 1966
OAR ACCESS NO.....253410-006
DOC NUMBER.....AD653200
INSTR...AF-19/628/03875
PROJECT/TASK.....8663/00
BY HOFFMAN J E JR

AFCL 67-0050
PENNSYLVANIA STATE UNIVERSITY
A SUBSONIC D-REGION PROBE EXPERIMENT USING AN ULTRAVIOLET
SOURCE TO PRODUCE IONS AND FREE ELECTRONS
SCIENTIFIC REPORT NO 286 DEC 1966
OAR ACCESS NO.....267711-019
DOC NUMBER.....AD647690
INSTR...AF-19/628/04014
PROJECT/TASK.....8605/02
BY GEE E L

AFCL 67-0051
CORNELL UNIVERSITY
CHARACTERISTICS OF THE STORES EMISSION IN THE STIMULATED
HILLLOUIN SCATTERING PROCESS
SCIENTIFIC REPORT NO 1 OCT 1966
OAR ACCESS NO.....257980-001
DOC NUMBER.....AD653210
INSTR...AF-19/628/05677
PROJECT/TASK.....8685/00
BY TANG C L

AFCL 67-0052
CORNELL UNIVERSITY
TEMPORAL COHERENCE AND FREQUENCY VS TIME CHARACTERISTICS OF
A Q-SPOILED RUBY LASER
SCIENTIFIC REPORT NO 2 OCT 1966
OAR ACCESS NO.....257980-002
DOC NUMBER.....AD653213
INSTR...AF-19/628/05677
PROJECT/TASK.....4645/02
BY WOLGA G J

AFCL 67-0053
HQ AFCL CRU
UPPER ATMOSPHERE O-ATOM DENSITIES BY WIND TUNNEL SIMULATION
OF NITRIC OXIDE RELEASES
JOURNAL OF GEOPHYSICAL RESEARCH VOL 71 NO 23 PP 5753-5756
1 DECEMBER 1966
OAR ACCESS NO.....254990-002
INSTR...AFCL-7638-06-01
PROJECT/TASK.....7635/06
BY GOLUMB D
GOND R F

AFCL 67-0054
AIR FORCE CAMBRIDGE RESEARCH LABS
ESTIMATES OF SPECTRAL ENERGY DENSITY APPLIED TO VERTICAL
PROFILES OF THE HORIZONTAL WIND IN THE LOWER IONOSPHERE
JOURNAL OF GEOPHYSICAL RESEARCH VOL 71 NO 23 PP 5749-5752 1
DECEMBER 1966
OAR ACCESS NO.....254350-002
DOC NUMBER.....AD649176
INSTR...AFCL-5633-09-01
PROJECT/TASK.....5633/09
BY NOEL T M

AFCL 67-0055
NORTHEASTERN UNIVERSITY
PROBLEMS OF INSTRUMENTATION IN SPACE RESEARCH
AMER INST ELECT ENG NE DIST MTG 9 MAY 1962 BOSTON MASS DIST
CONF PAPER 62-890
OAR ACCESS NO.....272461-002
DOC NUMBER.....AD651649
INSTR...AF-19/628/03676
PROJECT/TASK.....7661/00
BY COCHRAN B L
NARDONE L J

AFCL 67-0056
UNIVERSITY OF ILLINOIS
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS
SCIENTIFIC REPORT NO 7 DEC 1966
OAR ACCESS NO.....253930-005
DOC NUMBER.....AD648538
INSTR...AF-19/628/04337
PROJECT/TASK.....4608/05
BY MOLONTAY II
SIRKIS W O
CLARK G D
JOHNSON M R
MOORE J S

AFCL 67-0057
COLUMBIA UNIVERSITY
FASTER FOURIER ANALYSIS
JOURNAL OF GEOPHYSICAL RESEARCH V 71 NO 22 NOVEMBER 15
1966 PAGES 5482-5483
OAR ACCESS NO.....272521-013
DOC NUMBER.....AD647333
INSTR...AF-19/628/04062
PROJECT/TASK.....8652/01
BY ALSOP L E
NOWROOZI A A

AFCL 67-0058
UTAH STATE UNIVERSITY
STIMULATION OF OPTICAL EMISSIONS IN ATMOSPHERIC GASES FINAL
REPORT DEC 1966
OAR ACCESS NO.....253360-005
DOC NUMBER.....AD651017
INSTR...AF-19/628/00251
PROJECT/TASK.....8658/02
BY BAKER D J

AFCL 67-0059
THE ROYAL INSTITUTE OF TECHNOLOGY
CONSECUTIVE ION-MOLECULE REACTIONS IN METHANE
INVESTIGATED BY MEANS OF POSITIVE ION-IMPACT
SCIENTIFIC REPORT NO 8 NOV 1966
OAR ACCESS NO.....251360-008
DOC NUMBER.....AD647491
INSTR...AF-61/052/00762
PROJECT/TASK.....7635/04
BY SZABO I

AFCL 67-0060
NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT
RESEARCH ON THE THEORY AND DESIGN OF ACTIVE NETWORKS FINAL
REPORT SEPT 1966
BY RANNESTAD A
OAR ACCESS NO.....251090-005
DDC NUMBER.....AD647800
INSTR...AF-61/052/00484
PROJECT/TASK.....5635/03

AFCL 67-0061
HUGHES AIRCRAFT COMPANY
ANGULAR RESOLUTION BEYOND THE RAYLEIGH LIMIT
SCIENTIFIC REPORT NO 1 DEC 1966
BY KSIENSKI A A
MCGHEE R B
OAR ACCESS NO.....258260-001
DDC NUMBER.....AD648079
INSTR...AF-19/628/04358
PROJECT/TASK.....8663/03

AFCL 67-0062
FAIRCHILD SEMICONDUCTOR
RADIATION STUDY ON MOS STRUCTURES
SCIENTIFIC REPORT NO 2 JAN 1967
BY SNOW E H
GROVE A S
FITZGERALD D J
OAR ACCESS NO.....258160-002
DDC NUMBER.....AD648236
INSTR...AF-19/628/05747
PROJECT/TASK.....8663/03

AFCL 67-0063
UNIVERSITY OF DENVER
STUDY OF SUB-AUDIO GEOMAGNETIC FLUCTUATIONS FINAL REPORT
FEB 1967
BY NASON G L
HIGGINS C R
OAR ACCESS NO.....251190-001
DDC NUMBER.....AD647845
INSTR...AF-19/628/00204
PROJECT/TASK.....8661/03

AFCL 67-0064
NO AFCL CRJ
FIRST-AND SECOND-OVERTONE INTENSITY MEASUREMENTS FOR CO
AND NO
JOURNAL OF CHEMICAL PHYSICS VOL 45 NO 7 PP 2528-2532
1 OCTOBER 1966
BY SCHURIN B
ELLIS K E
OAR ACCESS NO.....255250-001
DDC NUMBER.....AD649397
INSTR...AFCL-7670-02-01
PROJECT/TASK.....7670/02

AFCL 67-0065
NOAFCL CRJ
TRANSIENT REFLECTED SIGNALS FROM AN ANISOTROPIC PLASMA
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION VOL AP-14
NO 6 PP 802-803 NOVEMBER 1966
BY CASP C I
HASKELL K E
OAR ACCESS NO.....257620-015
DDC NUMBER.....AD649071
INSTR...AFCL-8642-02-61
PROJECT/TASK.....46-2/02

AFCL 67-0066
UNIVERSITY OF FLORENCE
MODE SELECTION PROPERTIES OF A MANY-ELEMENT LASER
SCIENTIFIC REPORT NO 4 OCT 1966
BY PRATESI R
RONCHI-ARBOZZO
OAR ACCESS NO.....264723-005
DDC NUMBER.....AD647773
INSTR...AF-61/052/00871
PROJECT/TASK.....4645/02

AFCL 67-0067
NEW YORK UNIVERSITY
MULTIPARAMETER SENSITIVITY IN ACTIVE RC INTEGRATED CIRCUITS
TECHNICAL REPORT 400-148 FOURTH SCIENTIFIC REPORT NOV 1966
BY TARNY R W
GHAIUSI M S
OAR ACCESS NO.....259911-004
DDC NUMBER.....AD651918
INSTR...AF-19/628/05537
PROJECT/TASK.....5628/06

AFCL 67-0068
BELL TELEPHONE LABORATORIES
EFFECTS OF RADIATION ON SEMICONDUCTOR MATERIALS AND DEVICES
FINAL REPORT DEC 1966
BY WILSON D R
MITCHELL J P
CUTHBERT J D
BLAIR R R
OAR ACCESS NO.....273180-002
DDC NUMBER.....AD650195
INSTR...AF-19/628/04157
PROJECT/TASK.....4608/01

AFCL 67-0069
RESEARCH TRIANGLE INSTITUTE
RESEARCH DIRECTED TOWARD THE STUDY OF SEISMICITY IN THE
SOUTHEASTERN UNITED STATES FINAL REPORT JAN 1967
BY MINER J B
OAR ACCESS NO.....253210-001
DDC NUMBER.....AD648456
INSTR...AF-19/628/03492
PROJECT/TASK.....6652/07

AFCL 67-0070
UTAH STATE UNIVERSITY
NUMERICAL RESTORATION OF OPTICAL OBJECTS OBSCURED BY
DIFFRACTION AND NOISE
SCIENTIFIC REPORT NO 8 DEC 1966
BY HARRIS R M
RUSHFORTH C K
OAR ACCESS NO.....253410-003
DDC NUMBER.....AD649261
INSTR...AF-19/628/03225
PROJECT/TASK.....8663/00

AFCL 67-0072
NEW MEXICO STATE UNIVERSITY
TELEMETRY AND COMMAND ANTENNAS FOR THE ATMOSPHERIC
COMPOSITION SATELLITE
PT00498 SCIENTIFIC REPORT NO 8 DEC 1966
BY MAAS M W
MCNNY D G
OAR ACCESS NO.....250470-002
DDC NUMBER.....AD648164
INSTR...AF-19/628/03229
PROJECT/TASK.....7659/01

AFCL 67-0073
NEW YORK UNIVERSITY
MULTI-MODE SURFACE WAVE DIFFRACTION BY A RIGHT-ANGLED WEDGE
QUARTERLY OF APPLIED MATHEMATICS VOL XXIV NO 3 OCTOBER 1966
PP 263-266
BY MORGAN R C
KARP S N
KARL F C JR
OAR ACCESS NO.....263491-003
INSTR...AF-19/628/03868
PROJECT/TASK.....5635/01

AFCL 67-0074
NO AFCL CRJ
TESTS OF A METHOD FOR MAKING GEODETIC TIES BY OBSERVING A
SATELLITE OPTICAL BEACON
JOURNAL OF SPACECRAFT AND ROCKETS VOL 3 NO 12 PP 1723-1727
DECEMBER 1966
BY ECKHARDT D H
OAR ACCESS NO.....254740-001
INSTR...AFCL-7600-03-01
PROJECT/TASK.....7600/03

AFCL 67-0075
AIR FORCE CAMBRIDGE RESEARCH LABS
PROCEEDINGS FOURTH AFCL SCIENTIFIC HALLOON SYMPOSIUM
SPECIAL REPORTS NO 57 JAN 1967
BY DWYER J F
OAR ACCESS NO.....256200-003
DDC NUMBER.....AD656692
INSTR...AFCL-8665-01-01
PROJECT/TASK.....8665/01

AFCL 67-0076
AIR FORCE CAMBRIDGE RESEARCH LABS
TIMESTRIAL MULTISPECTRAL PHOTOGRAPHY FINAL REPORT OCT 1966
BY CHONIN J F
OAR ACCESS NO.....254940-003
DDC NUMBER.....AD649979
INSTR...AFCL-7628-05-01
PROJECT/TASK.....7628/05

AFCL 67-0077
SYSTEM DEVELOPMENT CORPORATION
A GENERALIZATION OF CONTENT FREE DETERMINISM
TM-738/028/00 SCIENTIFIC REPORT NO 2 NOV 1966
BY HIBBARD T N
OAR ACCESS NO.....259400-002
DDC NUMBER.....AD651063
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/05

AFCL 67-1078
SYSTEM DEVELOPMENT CORPORATION
ONE-WAY REAL-TIME LIST-STORAGE LANGUAGES
TM-738/029/00 SCIENTIFIC REPORT NO 3 JAN 1967
BY GINSBURG S
HARRISON M A
OAR ACCESS NO.....259400-003
DDC NUMBER.....AD651064
INSTR...F19628-67-C-0008
PROJECT/TASK.....5632/05

AFCL 67-0079
WESTINGHOUSE ELECTRIC CORPORATION
THIN-FILM PIEZOELECTRIC TRANSDUCERS USED AS GENERATORS AND
DETECTORS OF MICROWAVE PHONONS WITH SOME ATTENUATION
MEASUREMENTS IN SiO2
PHYSICS VOL 37 NO 12 PP 4522-4528 NOVEMBER 1966
BY DE KLERK J
OAR ACCESS NO.....268641-005
DDC NUMBER.....AD648782
INSTR...AF-19/628/04372
PROJECT/TASK.....8663/01

AFCL 67-0080
NO AFCL CRJ
ON-LINE DEBUGGING TECHNIQUES A SURVEY
PROCEEDINGS FALL JOINT COMPUTER CONFERENCE VOL 29 PP 37-49
M-10 NOVEMBER 1966
BY EVANS T G
DARLEY D L
OAR ACCESS NO.....257590-004
INSTR...AFCL-8641-02-01
PROJECT/TASK.....4641/02

AFCHL 67-0081
MANLAYS INC
PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS
FINAL REPORT JAN 1967
BY PETERS E T
DAR ACCESS NO.....250601-001
DOC NUMBER.....AD647600
INSTN...AF-19/628/05749
PROJECT/TASK.....0621/04

AFCHL 67-0082
HQ AFCHL CMH
VERTICAL CUTOFF RIGIDITIES IN THE SOUTH ATLANTIC
SPACE RESEARCH VOL 6 PP 177-188 1966
BY SHEA M A
SMART D F
DAR ACCESS NO.....255330-001
INSTN...AFCHL-0000-03-01
PROJECT/TASK.....0600/03

AFCHL 67-0083
NEW MEXICO STATE UNIVERSITY
DESIGN AND TEST OF MODEL J3.010 130.5 MHZ ANTENNA FOR NINO
AF 7.618
0000494 SCIENTIFIC REPORT NO 7 NOV 1966
BY HAAS M W
HENNY D G
DAR ACCESS NO.....250470-003
DOC NUMBER.....AD647620
INSTN...AF-19/628/03724
PROJECT/TASK.....7654/01

AFCHL 67-0084
RAYTHEON COMPANY
MODE-LOCKING AND MODE PROPERTIES OF OPTICAL LASERS FINAL
REPORT MAR 1967
BY STATZ M
DEWANS G A
DAR ACCESS NO.....261763-001
DOC NUMBER.....AD647620
INSTN...AF-19/628/05819
PROJECT/TASK.....0605/02

AFCHL 67-0085
COLUMBIA UNIVERSITY
TERRESTRIAL SPECTROSCOPY FOLLOWING THE RAT ISLAND
EARTHQUAKE
BULL OF SEISMOLOGICAL SOC OF AMERICA VOL 50 NO 6 PP
1209-1228 DECEMBER 1966
BY NORDHOFER A A
DAR ACCESS NO.....272521-014
DOC NUMBER.....AD647334
INSTN...AF-19/628/04082

AFCHL 67-0086
SAINT LOUIS UNIVERSITY
THE S-WAVE PROJECT FOR FOCAL MECHANISM STUDIES EARTHQUAKES
OF 1963
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA VOL 56
NO 6 PP 1363-1371 DECEMBER 1966
BY STAUDER R
HOLLINGER G A
DAR ACCESS NO.....253071-003
DOC NUMBER.....AD647675
INSTN...AF-19/628/05100
PROJECT/TASK.....0652/01

AFCHL 67-0087
PENNSYLVANIA STATE UNIVERSITY
THEORY OF NON-LINEAR MIXED FREQUENCY GENERATION IN
ANISOTROPIC PLASMA
SCIENTIFIC REPORT NO 287 JAN 1967
BY HAGENBUCH K W
DAR ACCESS NO.....267711-020
DOC NUMBER.....AD647613
INSTN...AF-19/628/04018
PROJECT/TASK.....0605/02

AFCHL 67-0088
SYRACUSE UNIVERSITY RESEARCH INSTITUTE
ANTENNA ARRAYS WITH PARTIALLY TAPERED AMPLITUDES
EE 167-2 SCIENTIFIC REPORT NO 2 JAN 1967
BY STRAIT H J
DAR ACCESS NO.....258070-002
DOC NUMBER.....AD647187
INSTN...AF-19/628/05882
PROJECT/TASK.....0603/03

AFCHL 67-0089
UNIVERSITY OF CALIFORNIA
INVESTIGATIONS OF THE POLARIZATION OF LIGHT REFLECTED BY
NATURAL SURFACES
SCIENTIFIC REPORT NO 2 JAN 1967
BY CHEN M S
HAC C H N
SHEA M A
DAR ACCESS NO.....261832-002
DOC NUMBER.....AD647605
INSTN...AF-19/628/03850
PROJECT/TASK.....7671/03

AFCHL 67-0090
HUGHES AIRCRAFT CO
AN INVESTIGATION OF A VARIABLE WAVEGUIDE COUPLER WITH
3ND DEGREE OF PHASE CONTROL
SCIENTIFIC REPORT NO 7 067-01
BY FINNAN H J
SKATON A F
MCCORMACKER C H
DAR ACCESS NO.....252790-007
DOC NUMBER.....AD647124
INSTN...AF-19/628/04349
PROJECT/TASK.....0603/10

AFCHL 67-0091
PHYSICAL STUDIES INC
ANALYSIS OF L7 ULTRAVIOLET SPECTROMETER OBSERVATIONS /U/
PSI-67-A SCIENTIFIC REPORT NO 5 JAN 1967
BY O'NEILL R J JR
DAR ACCESS NO.....255020-005
DOC NUMBER.....AD379938L
INSTN...AF-19/628/05137
PROJECT.....06327

AFCHL 67-0092
UNIVERSITY OF BIRMINGHAM
REACTIONS OF O PLUS O+ IONS IN HELIUM-OXYGEN AND HELIUM
-OXYGEN-NITROGEN MIXTURES FINAL REPORT SEPT 1966
BY SMITH D
CURSPY M J
FOURACRE R A
DAR ACCESS NO.....253840-001
DOC NUMBER.....AD647706
INSTN...AF-EDAH -0092-65
PROJECT/TASK.....0605/08

AFCHL 67-0093
DEUTSCHER WETTERDIENST
RESEARCH ON OBJECTIVE WEATHER FORECASTING THE INTEGRATION
COMPUTATION OF INITIAL WIND FIELDS FOR THE INTEGRATION OF
THE PRIMITIVE EQUATIONS ON FILTERING SYSTEMS FINAL REPORT
BY HEISER M
SCHANZ P
HASELBERG K V
DAR ACCESS NO.....253020-001
DOC NUMBER.....AD647776
INSTN...AF-19/628/00373
PROJECT/TASK.....0628/03

AFCHL 67-0094
OBSERVATOIRE DE PARIS
PART I RESEARCH ON THE HETEROGENEOUS STRUCTURE OF THE SOLAR
ATMOSPHERE A PROGRESS REPORT 1964-6 PART II LAMBDA-METER NO
2 FINAL REPORT OCT 1966
BY MICHAUD H
DAR ACCESS NO.....254840-001
DOC NUMBER.....AD647502
INSTN...AF-19/628/00785
PROJECT/TASK.....7649/06

AFCHL 67-0095
UNIVERSITY OF LIEGE
1 - NITROGEN LINES IN THE INFRARED FAUNHOFER SPECTRUM
2 - THE SOLAR SPECTRUM IN THE 5577 AND 6300 A REGIONS
SCIENTIFIC REPORT NO 1 DEC 1966
BY SWENSSON J W
HOLAND G
DELBOUTILLE LUC
DAR ACCESS NO.....273402-001
DOC NUMBER.....AD647613
INSTN...AF-01/052/00955
PROJECT/TASK.....0603/02

AFCHL 67-0096
HQ AFCHL CMH
A UNIQUE DOUBLE DEPOSITION SYSTEM
VACUUM VOL 17 NO 1 1967
BY ULOOH J M
LUDINGTON C E
PHIPPS R L
DAR ACCESS NO.....254160-002
INSTN...AFCHL-563H-02-01
PROJECT/TASK.....5638/02

AFCHL 67-0097
HQ AFCHL CMH
DAYTIME TEMPERATURE PROFILES
JOURNAL OF ATMOSPHERIC SCIENCES VOL 23 NO 6 PP 678-681
NOVEMBER 1966
BY ELLIOTT W P
DAR ACCESS NO.....255100-002
INSTN...AFCHL-7655-02-01
PROJECT/TASK.....7655/02

AFCHL 67-0098
HQ AFCHL CMH
EXPERIMENTAL EVALUATION OF VARIOUS RIGIDITY MODELS
JOURNAL OF GEOPHYSICAL RESEARCH VOL 71 NO 23 PP 5635-5642 1
DECEMBER 1966
BY KENNEY J F
CAUGEN J
SHEA M A
SMART D F
DAR ACCESS NO.....256730-001
INSTN...AFCHL-8600-08-01
PROJECT/TASK.....8600/08

AFCHL 67-0100
ALLIED RESEARCH ASSOCIATES INC
APPLICATION OF DOPPLER RADAR TO STORM DYNAMICS FINAL REPORT
JAN 1967
BY WEXLER M
DAR ACCESS NO.....261921-001
DOC NUMBER.....AD649317
INSTN...AF-19/628/03893
PROJECT/TASK.....8626/04

AFCHL 67-0101
SPERRY RAND RESEARCH CENTER
PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES III
DIAGNOSTIC EVALUATION OF SPEECH INTELLIGIBILITY FINAL
REPORT MAR 1967
BY VILCHES W D
DAR ACCESS NO.....269720-002
DOC NUMBER.....AD650156
INSTN...AF-19/628/04987
PROJECT/TASK.....8610/02

AFCHL 67-0102
THE SYSTEMS GROUP
INVESTIGATION OF LASER-INDUCED SIMULATION FROM
MICROELECTRONIC DEVICE HANDLING FINAL REPORT JAN 1967
OAR ACCESS NO.....250810-001
BY MCWILLIAMS D A
GULE J L
DOERING M G
SKEN C H
SANDBERG G L
DDC NUMBER.....AD65112
INSTN...AF-19/628/05910
PROJECT/TASK.....0608/05

AFCHL 67-0103
AVCO CORP
REVIEW OF WORLDWIDE IONOSPHERIC AND COMMUNICATIONS EFFECTS
OF U S 1962 NUCLEAR TESTS /U/ -- VOLUME II FINAL REPORT
NOV 1966
OAR ACCESS NO.....253710-004
DDC NUMBER.....AD379578
INSTN...AF-19/628/04310
PROJECT/TASK.....0653/05

AFCHL 67-0104
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
STUDY OF THERMAL NEUTRON CAPTURE GAMMA RAYS USING A LITHIUM
ORIENTED GERMANIUM SPECTROMETER
MITSUBISHI SCIENTIFIC REPORT NO 1 JAN 1967
OAR ACCESS NO.....261822-001
DDC NUMBER.....AD649905
INSTN...AF-19/628/05551
PROJECT/TASK.....5620/03

AFCHL 67-0105
AIR FORCE CAMBRIDGE RESEARCH LABS
A STATISTICAL SUMMARY OF SOLAR FLARE REPORTS AND
OBSERVATORY PRACTICES FOR THE PERIOD 1955 - 1964
SPECIAL REPORTS NO 58 FEB 1967
OAR ACCESS NO.....257040-004
DDC NUMBER.....AD651148
INSTN...AFCHL-3600-02-01
PROJECT/TASK.....8660/02

AFCHL 67-0106
GEO-SCIENCE INC
SOLAR RESEARCH AND DEVELOPMENT AT SACRAMENTO PEAK
OBSERVATORY FINAL REPORT JAN 1967
OAR ACCESS NO.....263051-002
INSTN...AF-19/628/03453
PROJECT/TASK.....7649/06

AFCHL 67-0107
GENERAL ELECTRIC RESEARCH AND DEVELOPMENT CENTER
FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL
PLATELETS AND WHISKERS FINAL REPORT MAR 1967
OAR ACCESS NO.....258310-001
INSTN...AF-19/628/05104
PROJECT/TASK.....4600/03

AFCHL 67-0108
STANFORD UNIVERSITY
HEIGHT DETERMINATION OF RADAR ECHOES FROM METEOR TRAILS
SCIENTIFIC REPORT NO 3 SU- SFL-67-001 DEC 1966
OAR ACCESS NO.....250570-002
DDC NUMBER.....AD648040
INSTN...AF-19/628/03946
PROJECT/TASK.....0624/05

AFCHL 67-0109
NO AFCHL CRU
ABSORPTION SPECTRUM OF ACTIVATED NITROGEN IN THE 600-1100-A
REGION
JOURNAL OF CHEMICAL PHYSICS VOL 45 NO 9 PP 3205-3213
NOVEMBER 1966
OAR ACCESS NO.....255800-008
DDC NUMBER.....AD650704
INSTN...AFCHL-8627-01-01
PROJECT/TASK.....8627/01

AFCHL 67-0110
NEW MEXICO STATE UNIVERSITY
TELEMETRY COMMAND AND RECON ANTENNAS FOR VARIOUS AIR FORCE
ROCKETS PROBES AND SATELLITES FINAL REPORT JAN 1967
OAR ACCESS NO.....250470-004
DDC NUMBER.....AD648243
INSTN...AF-19/628/03224
PROJECT/TASK.....7659/01

AFCHL 67-0111
SPRINT RESEARCH CENTER
THE EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE
FREQUENCIES FINAL REPORT NOV 1966
OAR ACCESS NO.....251980-001
DDC NUMBER.....AD648001
INSTN...AF-19/628/04764
PROJECT/TASK.....4600/03

AFCHL 67-0112
THE UNIVERSITY OF MICHIGAN
STUDY OF THE SCATTERING BEHAVIOR OF A SPHERICAL WITH AN
ARBITRARILY PLACED CIRCUMFERENTIAL SLOT
SCIENTIFIC REPORT NO 6 FEB 1967
OAR ACCESS NO.....27691-002
DDC NUMBER.....AD648717
INSTN...AF-19/628/02374
PROJECT/TASK.....5635/02

AFCHL 67-0113
MOSTON COLLEGE
A THEORETICAL STUDY OF THERMOSPHERIC RADIOWAVE PROPAGATION
FINAL REPORT JAN 1967
OAR ACCESS NO.....250070-001
DDC NUMBER.....AD659421
INSTN...AF-19/628/07772
PROJECT/TASK.....4503/02

AFCHL 67-0114
NO AFCHL CRU
THE BALANCE LEVEL IN CONVECTIVE STORMS
JOURNAL OF ATMOSPHERIC SCIENCES VOL 23 NO 4 PP635-651
NOVEMBER 1966
OAR ACCESS NO.....254570-011
DDC NUMBER.....AD649876
INSTN...AFCHL-6672-05-01
PROJECT/TASK.....6672/05

AFCHL 67-0115
LOWELL TECHNOLOGICAL INSTITUTE RESEARCH FOUNDATION
STUDY OF ABSORPTION AND REFRACTION CHANGES IN RADIATION
EMANATING FROM JUPITER AND RADIO STARS FINAL REPORT FEB
1967
OAR ACCESS NO.....272980-002
DDC NUMBER.....AD654267
INSTN...AF-19/628/00234
PROJECT/TASK.....5629/01

AFCHL 67-0116
AIR FORCE CAMBRIDGE RESEARCH LABS
MESOSCALE STRUCTURE OF THE ATMOSPHERE IN REGIONS OF CLEAR-
AIR TURBULENCE VOLUME I
AFSG NO 190 APR 1967
OAR ACCESS NO.....255850-002
DDC NUMBER.....AD654267
INSTN...AFCHL-8628-10-01
PROJECT/TASK.....8628/10

AFCHL 67-0117
TECHNICAL OPERATIONS INC
INVESTIGATION OF ELECTRONIC FRINGE DETECTOR FOR A
STELLAR INTERFEROMETER FINAL REPORT FEB 1967
OAR ACCESS NO.....253431-002
DDC NUMBER.....AD649885
INSTN...AF-19/628/05145
PROJECT/TASK.....8663/00

AFCHL 67-0118
NEW YORK UNIVERSITY
RADIATION AND PROPAGATION OF ELECTROMAGNETIC WAVES FROM
MOVING SOURCES
RADIO SCIENCE VOL 1 NEW SERIES NO 9 SEPT 1966 PP 1029-1040
OAR ACCESS NO.....269792-004
INSTN...AF-19/628/04065
PROJECT/TASK.....4603/02

AFCHL 67-0119
RHANUELIS UNIVERSITY
QUANTUM THEORY OF INTERNALLY MODULATED LASERS
SCIENTIFIC REPORT NO 4 FEB 1967
OAR ACCESS NO.....252871-004
DDC NUMBER.....AD649851
INSTN...AF-19/628/05833
PROJECT/TASK.....4645/02

AFCHL 67-0120
AIR FORCE CAMBRIDGE RESEARCH LABS
PLAN MONTHLY ATMOSPHERES FROM 1958
AFSG NO 149 FEB 1967
OAR ACCESS NO.....255750-010
INSTN...AFCHL-8628-01-01
PROJECT/TASK.....8628/01

AFCHL 67-0121
THE QUEENS UNIV
ELECTRIC FIELD HEATING OF D-REGION ELECTRONS
PLANET SPACE SCI VOL 14 PP 987 TO 990 1966
OAR ACCESS NO.....273410-020
DDC NUMBER.....AD650758
INSTN...AF-61/052/00760
PROJECT/TASK.....8627/06

AFCHL 67-0122
UNIVERSITY OF RHODE ISLAND
SEISMIC DIFFRACTION BY CRUSTAL DISCONTINUITIES FINAL REPORT
JAN 1967
HY NAME J
DAR ACCESS NO.....253120-003
DDC NUMBER.....AD65182
INSTR...AF-14/628/00319
PROJECT/TASK.....R652/03

AFCHL 67-0123
ION PHYSICS COMP
HIGH ENERGY ION IMPLANTATION OF MATERIALS FINAL REPORT
JAN 1967
BY LEITH F A
KING W J
MCNALLY P
DAR ACCESS NO.....253960-002
DDC NUMBER.....AD661313
INSTR...AF-14/628/04970
PROJECT/TASK.....R664/05

AFCHL 67-0124
DANKE MATHEMATICAL LABS INC
A STUDY OF EPOCH-CORRECTING CODES IN CODE PHENOMENON AND
UNAMBIGUOUS SETS
SCIENTIFIC REPORT NO 2 FEB 1967
BY CALAH L
MANNETT M C
DAR ACCESS NO.....272582-002
DDC NUMBER.....AD65148H
INSTR...AF-19628-07-C-0030
PROJECT/TASK.....R661/02

AFCHL 67-0125
AIR FORCE CAMBRIDGE RESEARCH LABS
A STOCHASTIC MODEL OF THE FREQUENCY AND DURATION OF WEATHER
EVENTS
JOURNAL OF APPLIED METEOROLOGY VOL 5 NO 3 PP 606-624
OCTOBER 1966
BY GOINGOUTEN L I
DAR ACCESS NO.....255760-005
DDC NUMBER.....AD650947
INSTR...AF-19628-02-01
PROJECT/TASK.....R662/02

AFCHL 67-0126
NO AFCHL CHC
MERCURIAL-INDUCED DISSOCIATION OF PHOTOCRYSTALLIN FROM
CERAMIC RUDUM
BIOCHIMICA ET BIOPHYSICA ACTA VOL 131 PP 147-153 1967
BY DECCI J
FUJIMORI C
DAR ACCESS NO.....256040-007
DDC NUMBER.....AD649077
INSTR...AF-19628-03-01
PROJECT/TASK.....R653/03

AFCHL 67-0127
NO AFCHL CHC
RADAR OBSERVATIONS OF INSECTS IN FREE FLIGHT
SCIENCE VIII 154 NO JF52 PP 967-972 25 NOVEMBER 1966
BY OLIVER K M
HARDY K R
KONRAD T G
SULLIVAN M M
MICHAELS A S
DAR ACCESS NO.....256570-012
DDC NUMBER.....AD650705
INSTR...AF-19628-05-01
PROJECT/TASK.....R672/05

AFCHL 67-0128
UNIVERSITY OF CALIFORNIA
DIAGNOSTIC STUDIES OF WEATHER SYSTEMS OF LOW AND HIGH
LATITUDES 7205507 NUMBER 17 FINAL REPORT APRIL 1967
BY KRISHNANUNTE T N
DAR ACCESS NO.....252860-002
DDC NUMBER.....AD650973
INSTR...AF-19/628/04777
PROJECT/TASK.....R668/02

AFCHL 67-0129
SOUTHWEST CENTER FOR ADVANCED STUDIES
ELECTROMAGNETIC SCATTERING FROM ABSORBING SPHERES
SCIENTIFIC REPORT NO 1 DEC 1966
BY KATTAWAH G W
PLASS G N
DAR ACCESS NO.....253050-301
DDC NUMBER.....AD664805
INSTR...AF-14/628/05039
PROJECT/TASK.....R676/04

AFCHL 67-0130
NEW YORK UNIVERSITY
TRANSFER FUNCTION SYNTHESIS USING RESONATORS AND SOME
ACTIVE HC RESONATORS
TECHNICAL REPORT 400-158 FIFTH SCIENTIFIC REPORT FEB 1967
BY ONFILL J F
GHAUSE M S
DAR ACCESS NO.....250911-005
DDC NUMBER.....AD652202
INSTR...AF-14/628/05537
PROJECT/TASK.....R628/06

AFCHL 67-0131
AIR FORCE CAMBRIDGE RESEARCH LABS
MEASUREMENTS OF TIDAL OSCILLATIONS ABOVE 120 KILOMETERS
APRIL 1967 END NO 200
BY ZIMMERMAN S P
MAYCIS F A
DAR ACCESS NO.....256420-003
DDC NUMBER.....AD654806
INSTR...AF-19628-10-01
PROJECT/TASK.....R605/10

AFCHL 67-0132
AIR FORCE CAMBRIDGE RESEARCH LABS
AN EXPERIMENTAL STUDY OF PLASMA-COVERED SLOTS ON CYLINDERS
AND CONES
PSRP NO 314 APR 1967
BY KARAS N V
ANTINUCCI J D
DAR ACCESS NO.....257620-016
DDC NUMBER.....AD652208
INSTR...AF-14/628/05914
PROJECT/TASK.....R642/02

AFCHL 67-0133
COMPUTER COMPOSITION OF AMERICA
SCENE ANALYSIS USING THE CONCEPT OF MODEL
SCIENTIFIC REPORT NO 1 JAN 1967
BY GUZMAN A
DAR ACCESS NO.....251941-001
DDC NUMBER.....AD652017
INSTR...AF-10/628/05914
PROJECT/TASK.....R641/01

AFCHL 67-0135
AIR FORCE CAMBRIDGE RESEARCH LABS
THE OPERATING HISTORY OF THE INTERNATIONAL SOLAR FLARE
PATROL 1955-1964
SPECIAL REPORTS NO 59 FEB 1967
BY JENSEN D C
DAR ACCESS NO.....257660-005
DDC NUMBER.....AD652203
INSTR...AF-19628-02-01
PROJECT/TASK.....R666/02

AFCHL 67-0136
AIR FORCE CAMBRIDGE RESEARCH LABS
A SHORT-CUT METHOD OF COMPUTING THE BRUNE AND BOTT-DUFFIN
CIRCUIT REALIZATIONS OF POSITIVE REAL BI-ORDER IMMITTANCE
FUNCTIONS
PSRP NO 320 APR 1967
BY HAASE K M
DAR ACCESS NO.....254230-005
DDC NUMBER.....AD652778
INSTR...AF-19628-06-01
PROJECT/TASK.....R628/06

AFCHL 67-0137
AIR FORCE CAMBRIDGE RESEARCH LABS
LASER DAMAGE A SELECTED LITERATURE SURVEY
SPECIAL REPORTS NO 60 FEB 1967
BY PITHA C A
DAR ACCESS NO.....254130-005
DDC NUMBER.....AD651210
INSTR...AF-19628-03-01
PROJECT/TASK.....R620/03

AFCHL 67-0138
ISRAEL ATOMIC ENERGY COMMISSION
PHOTOCONDUCTIVITY OF UV EXCITED DIAMONDS
SCIENTIFIC REPORT NO 1 JUL 1966
BY HALDORIN A
LEVINSON J
DAR ACCESS NO.....250760-008
INSTR...AF-61/052/00759
PROJECT/TASK.....R621/04

AFCHL 67-0139
ISRAEL ATOMIC ENERGY COMMISSION
ZERO PHONON LINES IN DIAMOND AND LOCALIZED MODES
J PHYS CHEM SOLIDS VOL 26 PP 1039-1044 21 AUGUST 1966
BY ENGLMAN R
DAR ACCESS NO.....250760-009
DDC NUMBER.....AD650756
INSTR...AF-61/052/00759
PROJECT/TASK.....R621/04

AFCHL 67-0140
QUEEN MARY COLLEGE
SMALL HYDROMAGNETIC OSCILLATIONS IN A TWO-DIMENSIONAL
CAVITY
SCIENTIFIC REPORT NO 7
BY JURGENSEN D N
DAR ACCESS NO.....250440-007
DDC NUMBER.....AD650618
INSTR...AF-19628-0074-64
PROJECT/TASK.....R600/06

AFCHL 67-0141
UPPSALA UNIVERSITY
I - AFTERSHOCK P-WAVE SPECTRA AND DYNAMIC FEATURES OF THE
FEBRUARY 4 1965 ALEUTIAN ISLANDS EARTHQUAKE SEQUENCE - II -
WAVE PROPAGATION IN LAYERED MEDIA - III - RECURSIVE
ANNUAL SUMMARY REPORT NO 1 JAN 1967
BY ROBINSON E A
ROBINSON E A
DAR ACCESS NO.....253260-003
INSTR...AF-61/052/00702
PROJECT/TASK.....R652/04

AFCHL 67-0142
AIR FORCE CAMBRIDGE RESEARCH LABS
A LINE-SOURCE CURRENT FOR LARGE SPHERICAL REFLECTIONS
PSRP NO 315 MAR 1967
BY KENNEDY N P
CLEVELAND F M
DAR ACCESS NO.....257620-006
DDC NUMBER.....AD652202
INSTR...AF-19628-10-01
PROJECT/TASK.....R600/10

AFCHL 67-0143
AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAVE RECTIFICATION USING QUARTZ
PARP NO 319 APR 1967
BY SLODZNIK A J JR
OAR ACCESS NO.....254430-004
DOC NUMBER.....AD635770
INSTN...AFCHL-5635-03-01
PROJECT/TASK.....5635708

AFCHL 67-0144
AIR FORCE CAMBRIDGE RESEARCH LABS
OBSERVATIONS ON THE RELEASE OF A CLOUD OF DIAMOND ATOMS AND
IONS IN THE UPPER ATMOSPHERE
APRIL 1967 EPR NO 264
BY LLOYD F H
GOLAND D
OAR ACCESS NO.....254990-001
DOC NUMBER.....AD654587
INSTN...AFCHL-7635-06-01
PROJECT/TASK.....7635706

AFCHL 67-0145
MASSACHUSETTS GENERAL HOSPITAL
RESEARCH ON INFORMATION PROCESSING IN THE CENTRAL SYSTEM
FINAL REPORT AUG 1967
BY ERVIN F H
OAR ACCESS NO.....260660-002
DOC NUMBER.....AD658498
INSTN...AF-14/628/0040H
PROJECT/TASK.....6632708

AFCHL 67-0147
AIR FORCE CAMBRIDGE RESEARCH LABS
DETERMINING THE DEGREE OF AMBIGUITY IN FROST POINT
TEMPERATURES AS MEASURED BY AN OPTICAL FROST POINT SENSOR
ID NO 128 MAR 1967
BY PRINCE R M
GUNTHER M H
OAR ACCESS NO.....254510-001
DOC NUMBER.....AD651691
INSTN...AFCHL-6670-04-01
PROJECT/TASK.....6670704

AFCHL 67-0148
UNIVERSITY OF MICHIGAN
STUDY OF ALUMINA CRYSTAL STRUCTURES /AUTOMATION OF THE
VERNEUIL PROCESS/ FINAL REPORT MAR 1967
BY WEISS F A
OAR ACCESS NO.....250720-001
DOC NUMBER.....AD649161
INSTN...AF-14/628/00423
PROJECT/TASK.....6620705

AFCHL 67-0149
MENDIX CORP
COSMIC RAY FINAL REPORT FEB 1967
BY WAINIO K M
COLVIN T H
MORE K A
TIFFANY O L
OAR ACCESS NO.....258400-001
DOC NUMBER.....AD650607
INSTN...AF-19/628/05840
PROJECT/TASK.....6600701

AFCHL 67-0150
HUGHES AIRCRAFT COMPANY
ANTENNA SYSTEM OPTIMIZATION BY TRANSCENDENCE FUNCTION
MAXIMIZATION THEORY
P66-196 SCIENTIFIC REPORT NO 2 DEC 1966
BY YOUNG G O
KSIENSKI A A
OAR ACCESS NO.....252280-003
DOC NUMBER.....AD659138
INSTN...AF-14/628/04158
PROJECT/TASK.....6683703

AFCHL 67-0151
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
COMPARISON OF SATELLITE GEODS AND ANOMALY FIELDS
REPORT NO 80 SCIENTIFIC REPORT NO 12 FEB 1967
BY RAPP R H
OAR ACCESS NO.....272252-012
DOC NUMBER.....AD653194
INSTN...AF-19/628/05701
PROJECT/TASK.....7600702

AFCHL 67-0152
AIR FORCE CAMBRIDGE RESEARCH LABS
ON THE DIRECTIVITY OF SETS OF ELECTROMAGNETIC RADIATION
SOURCES : GENERAL RESULTS FOR SETS OF IDENTICAL ISOTROPIC
SOURCES AND THEIR SPECIALIZATION FOR TWO IMPORTANT CASES
PARP NO 318 MAR 1967
BY GERES W W
OAR ACCESS NO.....254420-007
DOC NUMBER.....AD662601
INSTN...AFCHL-5635-02-01
PROJECT/TASK.....5635702

AFCHL 67-0153
SYSTEMS RESEARCH LABORATORIES INC
TECHNIQUES IN INTRINSIC ANALYSIS FINAL REPORT NOV 1966
BY COLOMB H W
OAR ACCESS NO.....258060-001
DOC NUMBER.....AD651071
INSTN...AF-14/628/05657
PROJECT/TASK.....5632701

AFCHL 67-0154
HONEYWELL INC
SOLAR BEAM MEASUREMENTS STUDY FINAL REPORT FEB 1967
BY WEST C N
KILINSKI RICHARD S
OAR ACCESS NO.....253220-001
DOC NUMBER.....AD651227
INSTN...AF-19/628/08210
PROJECT/TASK.....7670707

AFCHL 67-0155
CASE INSTITUTE OF TECHNOLOGY
DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS
SCIENTIFIC REPORT NO 5 FEB 1967
BY ANGUS J C
WILL H
OAR ACCESS NO.....263950-005
DOC NUMBER.....AD651089
INSTN...AF-14/628/04785
PROJECT/TASK.....6608705

AFCHL 67-0156
WARNER AND SWASEY CO
STRENGTHS OF LINES IN THE SUB 1 AND SUB 3 INFRARED BANDS
OF H SULF 20 FINAL REPORT FEB 1967
BY RADHUV M J
OAR ACCESS NO.....252940-001
DOC NUMBER.....AD651503
INSTN...AF-14/628/04989
PROJECT/TASK.....6076704

AFCHL 67-0157
WESTINGHOUSE ELECTRIC CORP
OBlique INCIDENCE IONOSPHERIC INVESTIGATIONS FINAL REPORT
FEB 1967
BY DAVIDSON D
OAR ACCESS NO.....250041-001
DOC NUMBER.....AD651420
INSTN...AF-19/628/05982
PROJECT/TASK.....6603709

AFCHL 67-0158
AIR FORCE CAMBRIDGE RESEARCH LABS
POSITIVE ION SENSING SYSTEM FOR THE MEASUREMENT OF
SPACECRAFT PITCH AND YAW AIR FORCE OHIO EXPERIMENT FLOWN ON
GEMINI X AND XII
AFSG NO 201 DEC 1967
BY SAGALYN R C
SMIDY M
OAR ACCESS NO.....265640-001
DOC NUMBER.....AD667803
INSTN...AFCHL-6617-01-01
PROJECT/TASK.....6617701

AFCHL 67-0159
SPERRY RAND RESEARCH CENTER
STUDY OF PULSE DISPERSION IN PLASMA FINAL REPORT DEC 1966
BY HELTZ G
OAR ACCESS NO.....252250-002
DOC NUMBER.....AD649485
INSTN...AF-19/628/04183
PROJECT/TASK.....6602702

AFCHL 67-0160
ECOLE NORMALE SUPERIEURE
RADIATION DAMAGE IN SEMICONDUCTORS DEC 1966
BY DARUCH P
NATSUI K
REURGOIN J
RHELOT A
ZIZINE J
OAR ACCESS NO.....250640-003
DOC NUMBER.....AD657385
INSTN...AF-61/052/00543
PROJECT/TASK.....5620702

AFCHL 67-0161
AIR FORCE CAMBRIDGE RESEARCH LABS
VARIATIONS WITH SEASON AND LATITUDE OF DENSITY
TEMPERATURE AND COMPOSITION IN THE LOWER THERMOSPHERE
MARCH 1967 AFSG NO 192
BY CHAMBERLAIN R S W
OAR ACCESS NO.....254680-002
DOC NUMBER.....AD654888
INSTN...AFCHL-6690-03-01
PROJECT/TASK.....6690703

AFCHL 67-0162
RAYTHEON CO
ULTRA PRECISION BASE LINE MEASUREMENT PROGRAM FINAL
REPORT FEB 1967
BY LOBBY M L
HUNTERMAN S W
HUNKAMP A
OAR ACCESS NO.....270610-001
DOC NUMBER.....AD655099
INSTN...AF-19/628/05878
PROJECT/TASK.....7600703

AFCHL 67-0163
UNIVERSITY COLLEGE
ELECTRON COLLISION EFFECTS IN SEMICONDUCTORS
SCIENTIFIC REPORT NO A MAY 1966
BY LANDSBERG P T
OAR ACCESS NO.....269930-005
DOC NUMBER.....AD650717
INSTN...AF-61/052/00664
PROJECT/TASK.....6450702

AFCHL 67-0164
STANFORD UNIVERSITY
EXPERIMENTAL INVESTIGATION OF SATURATION EFFECTS IN FREQUENTLY DOUBLING
FREE TRANSACTIONS ON MAGNETICS VOL MAG-2 NO 4 DEC 1966 PP
591-606
BY KINCHNER E K
SHAW M J
WINSLOW D K
OAR ACCESS NO.....252068-002
DOC NUMBER.....AD650791
INSTR...AF-19/628/05545
PROJECT/TASK.....5638/03

AFCHL 67-0165
AIR FORCE CAMBRIDGE RESEARCH LABS
AN APPROACH TO THE QUANTUM-STATE THREE-BODY PROBLEM WITH
APPLICATION TO THE HELIUM-LIKE ATOM
PSRP NO 117 MAR 1967
BY JASPEHS J H
OAR ACCESS NO.....256150-002
DOC NUMBER.....AD651912
INSTR...AFCHL-5621-06-01
PROJECT/TASK.....5621/06

AFCHL 67-0166
RHOEN UNIVERSITY
RESEARCH ON FLUID DYNAMICAL MODELS OF THE LARGE SCALE
ATMOSPHERIC CIRCULATIONS FINAL REPORT APR 1967
BY SHYDEM M A
OAR ACCESS NO.....252370-001
DOC NUMBER.....AD651046
INSTR...AF-19/628/04783
PROJECT/TASK.....6604/04

AFCHL 67-0167
APPLIED LOGIC CORPORATION
CRT-AIDED SEMI-AUTOMATED MATHEMATICS FINAL REPORT JAN 1967
BY BENNETT J H
FASTON B B
GUARD J K
SETTLE L G
OAR ACCESS NO.....255381-003
DOC NUMBER.....AD649684
INSTR...AF-19/628/03240
PROJECT/TASK.....6672/00

AFCHL 67-0168
HUGHES AIRCRAFT COMPANY
ANTENNA SYSTEM OPTIMIZATION BY TRANSCENDENCE FUNCTION
MAXIMIZATION APPLICATIONS
P07-29 SCIENTIFIC REPORT NO 3 DEC 1966
BY YOUNG G U
KSIENSKI A A
OAR ACCESS NO.....252240-004
DOC NUMBER.....AD659139
INSTR...AF-19/628/04358
PROJECT/TASK.....6643/03

AFCHL 67-0169
OHIO STATE UNIV RESEARCH FOUNDATION
OPTIMUM SMOOTHING OF AERIAL GRAVITY MEASUREMENTS
SCIENTIFIC REPORT NO 13 MAR 1967
BY MOWITZ M
OAR ACCESS NO.....272252-013
DOC NUMBER.....AD654008
INSTR...AF-19/628/05701
PROJECT/TASK.....7600/02

AFCHL 67-0170
LOWELL TECHNOLOGICAL INSTITUTE RESEARCH FOUNDATION
DETERMINATION OF A D-REGION NITRIC OXIDE DENSITY PROFILE
BY VLF RADIO PROPAGATION
SCIENTIFIC REPORT NO 1 FEB 1967
BY HAYES J P
SALES G S
OAR ACCESS NO.....267092-001
DOC NUMBER.....AD650073
INSTR...AF-19/628/04501
PROJECT/TASK.....5710/00

AFCHL 67-0171
HUGHES AIRCRAFT COMPANY
INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES
FINAL REPORT FEB 1967 PART II
BY WONG N S
TANG M
OAR ACCESS NO.....251720-002
DOC NUMBER.....AD657289
INSTR...AF-19/628/04784
PROJECT/TASK.....4600/02

AFCHL 67-0172
AVCO CORP
THEORETICAL STUDY OF THE PROPAGATION OF INFRASONIC WAVES
IN THE ATMOSPHERE FINAL REPORT FEB 1967
BY PIERCE A D
MUD C A
OAR ACCESS NO.....253200-004
DOC NUMBER.....AD650752
INSTR...AF-19/628/03891
PROJECT/TASK.....7637/02

AFCHL 67-0173
GENERAL DYNAMICS CORP
THEORETICAL AND EXPERIMENTAL STUDIES OF INFRARED EMISSION
DURING THE LAUNCH PHASE FOR FINAL REPORT DEC 1966
BY THOMSON A
OAR ACCESS NO.....271182-001
DOC NUMBER.....AD383111
INSTR...AF-19/628/04760
PROJECT/TASK.....7662/00

AFCHL 67-0174
UNIVERSITY OF LONDON
AN IDEALIZED PROBLEM WITH P2-LAYER APPLICATIONS
SCIENTIFIC REPORT NO 8 JUNE 1967
BY PICKERING W H
OAR ACCESS NO.....250440-008
DOC NUMBER.....AD653648
INSTR...AF-EOAR -0074-84
PROJECT/TASK.....8600/06

AFCHL 67-0175
UNIVERSITY OF LONDON
AN IDEALIZED PROBLEM WITH P2-LAYER APPLICATIONS
SCIENTIFIC REPORT NO 8
BY PICKERING W H
OAR ACCESS NO.....250440-010
INSTR...AF-EOAR -0074-84
PROJECT/TASK.....8600/06

AFCHL 67-0176
KINUNA GEOPHYSICAL OBSERVATORY
THE TROUGH SEEN IN HIGH LATITUDE OBSERVATIONS OF
THE IONOSPHERIC ELECTRON CONTENT
SCIENTIFIC REPORT NO 12 JAN 1967
BY LISZKA L
OAR ACCESS NO.....262262-003
DOC NUMBER.....AD650623
INSTR...AF-61/052/00678
PROJECT/TASK.....4643/02

AFCHL 67-0177
UNIVERSITY OF HAWAII
ON SEQUENTIAL DECODING
SCIENTIFIC REPORT NO 11 FEB 1967
BY LIN S
OAR ACCESS NO.....251960-011
DOC NUMBER.....AD654673
INSTR...AF-19/628/04379
PROJECT/TASK.....5628/01

AFCHL 67-0177
UNIVERSITY OF HAWAII
NON-PRIMITIVE REED-MULLER CODES
SCIENTIFIC REPORT NO 12 FEB 1967
BY WELDON F J
OAR ACCESS NO.....251960-012
DOC NUMBER.....AD654674
INSTR...AF-19/628/04379
PROJECT/TASK.....5628/01

AFCHL 67-0179
UNIVERSITY OF HAWAII
LONG BCH CODES ARE BAD
SCIENTIFIC REPORT NO 1 FEB 1967
BY LIN S
WELDON F J
OAR ACCESS NO.....251960-014
DOC NUMBER.....AD654676
INSTR...AF-19/628/04379
PROJECT/TASK.....5628/01

AFCHL 67-0180
PENNSYLVANIA STATE UNIVERSITY
THE CLOSED LOOP CHARACTERISTICS OF AN AUTOMATIC DIRECT
READOUT IMPEDANCE BRIDGE
SCIENTIFIC REPORT NO 293/E/ MAR 1967
BY ELIS J J
OAR ACCESS NO.....264392-004
DOC NUMBER.....AD654012
INSTR...AF-19/628/04050
PROJECT/TASK.....5710/00

AFCHL 67-0181
UNIVERSITY OF ILLINOIS
INVESTIGATIONS OF OXYGEN PLASMAS FINAL REPORT FEB 1967
BY GHATTACHARYA A K
WRIGHT M
CAHILL J H
OAR ACCESS NO.....264441-004
DOC NUMBER.....AD651512
INSTR...AF-19/628/02391
PROJECT/TASK.....8605/02

AFCHL 67-0182
RAYTHEON COMPANY
SYSTEMS ANALYSIS AND ADDITIONAL INSTRUMENTATION FOR
MODIFIED PORCUPINE C-BAND PULSE DOPPLER RADAR
SCIENTIFIC REPORT NO 1 DEC 1966
BY DEWE D S
COX E E
GRIGINSKY M L
WISHE J
RAYMOND J C
OAR ACCESS NO.....250221-001
DOC NUMBER.....AD663442
INSTR...AF-19/628/04774
PROJECT/TASK.....6672/04

AFCHL 67-0183
AIR FORCE CAMBRIDGE RESEARCH LABS
THE SPARSE ATMOSPHERIC ELECTRICITY DETECTION SYSTEM
AS MODIFIED BY THE ADDITION OF THE IMAGE STORAGE FURE
ELECTRO-OPTICAL TRIANGULATION COMPUTER PART I
IN NO 130 MAR 1967
BY WEISS H D
OAR ACCESS NO.....256600-001
DOC NUMBER.....AD651818
INSTR...AFCHL-6670-05-01
PROJECT/TASK.....6670/05

APCRL 67-0184
AIR FORCE CAMBRIDGE RESEARCH LABS
ANALYSIS AND DESIGN OF MAXIMUM-GAIN LOW-CURRENT JUNCTION
FIELD EFFECT TRANSISTOR CONFIGURATIONS
MSRP NO 318 MAR 1967
BY BUCHANAN B
ROOSILD S
DOLAN W
DAR ACCESS NO.....258190-002
DOC NUMBER.....AD654308
INSTR...APCRL-4808-05-01
PROJECT/TASK.....4808/08

APCRL 67-0185
ELECTRONIC ASSOCIATES INCORPORATED
RESEARCH AND DEVELOPMENT OF ANALOG MODELS
SCIENTIFIC REPORT NO 2 MAR 1967
BY HASLO R H
DAR ACCESS NO.....752800-002
DOC NUMBER.....AD651048
INSTR...AF-19/628/05043
PROJECT/TASK.....752800/00

APCRL 67-0186
PENNSYLVANIA STATE UNIVERSITY
A CONSTANT BANDWIDTH WIDE RANGE TRANSDUCED
LOGARITHMIC AMPLIFIER
SCIENTIFIC REPORT NO 294 F MAR 1967
BY HOPWOOD F W
DAR ACCESS NO.....264192-003
DOC NUMBER.....AD650694
INSTR...AF-19/628/04050
PROJECT/TASK.....5710/00

APCRL 67-0187
ISTITUTO UNIVERSITARIO NAVALE
RADIO LINKS AND ANTENNAS IN BOUNDLSS OR BOUNDED LOSSY
MEDIA FINAL REPORT JAN 1967
BY CORTI P
FRANCESCHETTI G
LATINHAL G
DAR ACCESS NO.....251700-002
DOC NUMBER.....AD650719
INSTR...AF-61/052/00851
PROJECT/TASK.....4603/02

APCRL 67-0188
LOWELL TECHNOLOGICAL INSTITUTE RESEARCH FOUNDATION
INVESTIGATION OF THE TURBULENT STRUCTURE AND DRIFT MOTIONS
IN THE IONOSPHERE FINAL REPORT
APR 1967
BY GOMMAN J E
RIBL K
CHUN K H
DAR ACCESS NO.....259140-001
DOC NUMBER.....AD651483
INSTR...AF-19/628/05676
PROJECT/TASK.....7663/04

APCRL 67-0189
UNIVERSITY OF NOTRE DAME
THE USE OF PRECISE SCOTTKY DATA IN THE ANALYSIS OF THE
METAL-VACUUM SURFACE BARRIER FOR THERMIONIC EMITTERS IN
RHENIUM
SCIENTIFIC REPORT NO 1 FEB 1967
BY D MAENENS I J
COOMES E A
DAR ACCESS NO.....266491-001
DOC NUMBER.....AD651232
INSTR...AF-19/628/04063
PROJECT/TASK.....8659/02

APCRL 67-0190
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
STUDIES OF ANTENNA BREAKDOWN IN THE PRESENCE OF A PLASMA
SHEATH INCLUDING EFFECTS OF FORCED CONVECTION
TM 135 SCIENTIFIC REPORT NO 1 FEB 1967
BY CLOVET E E
BORDERER L W
DAR ACCESS NO.....258501-001
DOC NUMBER.....AD651233
INSTR...AF-19/628/05518
PROJECT/TASK.....4642/02

APCRL 67-0191
UNIVERSITY OF CALIFORNIA
OPTICAL INVESTIGATIONS OF THE ATMOSPHERE FINAL REPORT APR
1967
BY SENHA Z
HAG C R N
DAR ACCESS NO.....261832-003
DOC NUMBER.....AD651918
INSTR...AF-19/628/03850
PROJECT/TASK.....7621/01

APCRL 67-0192
UNIVERSITY OF ILLINOIS
THEORY OF PARTIAL COHERENCE A REVIEW
TECHNICAL REPORT NO 11 FEB 1967
BY KAKJALA D S
MITTRA R
DAR ACCESS NO.....273130-007
DOC NUMBER.....AD651066
INSTR...AF-19/628/03819
PROJECT/TASK.....5635/02

APCRL 67-0193
MITHRAS INC
N-D CHEMILUMINESCENCE STUDIES FLIGHT AND WIND TUNNEL
EXPERIMENTS FINAL REPORT JAN 1967
BY GOND E W
DAR ACCESS NO.....267283-001
DOC NUMBER.....AD653649
INSTR...AF-19/628/05825
PROJECT/TASK.....7635/00

APCRL 67-0194
GENERAL DYNAMICS ELECTRONICS DIVISION
OPTICAL INTERACTIONS IN RUBY LASERS FINAL REPORT FEB 1967
BY UNTERLEITNER F C
KIANG Y C
DAR ACCESS NO.....267950-001
DOC NUMBER.....AD653218
INSTR...AF-19/628/05810
PROJECT/TASK.....4645/02

APCRL 67-0195
UNIVERSITY OF LONDON
PLASMA PHYSICS IN AN ASTROPHYSICAL ENVIRONMENT FINAL
REPORT DEC 1966
BY WILKINSON I W
DAR ACCESS NO.....258040-001
DOC NUMBER.....AD653211
INSTR...AF-61/052/00908
PROJECT/TASK.....8647/02

APCRL 67-0196
AMERICAN SCIENCE AND ENGINEERING
INVESTIGATION OF THE VARIATIONS CONTROLLING THE FLUX
GROWTH OF HIGH QUALITY LASER CRYSTALS FINAL REPORT MAR
1967
BY CHUN C H
BALLIS E H
DAR ACCESS NO.....267836-001
DOC NUMBER.....AD653388
INSTR...AF-19/628/05856
PROJECT/TASK.....5620/06

APCRL 67-0197
NORTHEASTERN UNIVERSITY
INVESTIGATION OF SPEECH TRANSMISSION TESTING FINAL REPORT
FEB 1967
BY AMES E A
DAR ACCESS NO.....258680-001
DOC NUMBER.....AD651685
INSTR...AF-19/628/05889
PROJECT/TASK.....4610/02

APCRL 67-0198
GCA CORPORATION
A METHOD FOR FITTING LINEARLY SEGMENTED MULTI-LAYER
ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER
BOUNDARY CONDITIONS
GCA-TR-67-6-A SCIENTIFIC REPORT NO 4 MAR 1967
BY WINZNER R A
DAR ACCESS NO.....755110-003
DOC NUMBER.....AD653203
INSTR...AF-19/628/06085
PROJECT/TASK.....5710/00

APCRL 67-0199
MCGILL UNIVERSITY
STUDIES OF THE FORMATION OF PRECIPITATION IN CONVECTION
M-47 SCIENTIFIC REPORT NO 1 APR 1967
BY SHIVASTAVA R C
ENGLISH M
DAR ACCESS NO.....271422-001
DOC NUMBER.....AD653810
INSTR...AF-19/628-67-C-0129
PROJECT/TASK.....8620/04

APCRL 67-0200
DAYTON ELECTRONIC PRODUCTS INC
ELECTRICALLY-SMALL SUPERCONDUCTING ANTENNAS FINAL REPORT
APRIL 1967
BY SCHWIEDT B M
DAR ACCESS NO.....754230-001
DOC NUMBER.....AD653776
INSTR...AF-19/628/05893
PROJECT/TASK.....4600/10

APCRL 67-0201
CORNELL AERONAUTICAL LABORATORY INC
ANALYTICAL AND EXPERIMENTAL STUDIES OF MICROWAVE
INTERACTION WITH A HYPERSONIC AIR PLASMA
SCIENTIFIC REPORT NO 1 FEB 1967
BY HOYER D W
DITKOFER D H
DAR ACCESS NO.....268621-001
DOC NUMBER.....AD656358
INSTR...AF-19/628/04968
PROJECT/TASK.....4642/02

APCRL 67-0202
HARVARD UNIVERSITY
DISCUSSION OF PAPER BY H C RASSBACH A J DESSLER AND A G W
CAMERON THE LUNAR PERIOD THE SOLAR PERIOD AND K SUB P
GEOPHYSICAL RESEARCH VOL 71 NO 23 DEC 1 1967 PP 5770-5773
BY HELL B
DEFOUR R J
DAR ACCESS NO.....271771-011
DOC NUMBER.....AD653476
INSTR...AF-19/628/03322
PROJECT/TASK.....7649/06

APCRL 67-0203
UNIVERSITY OF HAWAII
THE TROPICAL UPPER TROPOSPHERIC THING AS A SECONDARY
SOURCE OF TYPHOONS AND A PRIMARY SOURCE OF TRADEWIND
DISTURBANCES FINAL REPORT MARCH 1967
BY SAOLEH J C
DAR ACCESS NO.....262041-001
DOC NUMBER.....AD657021
INSTR...AF-19/628/03868
PROJECT/TASK.....5698/02

AFCHL 67-0206
LABORATORY FOR ELECTRONIC INC
RESEARCH IN FERROMAGNETICS - PART I
SCIENTIFIC REPORT NO 2 FEB 1967
BY SPAIN H J
JAVUITS H I
MATTARELL C P
MAMINI M J
PEMPLES H J
DAR ACCESS NO.....272751-002
DOC NUMBER.....A068481
INSTR....AF-19/628/04197
PROJECT/TASK.....5632/07

AFCHL 67-0205
LABORATORY FOR ELECTRONIC INC
RESEARCH IN FERROMAGNETICS - PART II FINAL REPORT FEB 1967
BY SPAIN H
JAVUITS H
MATTARELL C P
MAMINI M J
PEMPLES H J
DAR ACCESS NO.....272751-003
DOC NUMBER.....A068482
INSTR....AF-19/628/04197
PROJECT/TASK.....5632/07

AFCHL 67-0206
AUBURN UNIVERSITY
STUDY OF CIRCULAR ARROWS OF RADIAL AND TANGENTIAL DIPOLLS
SCIENTIFIC REPORT NO 1 PART OF MAR 1967
BY HOLMES C H
MILHORN J L
DAR ACCESS NO.....271784-001
DOC NUMBER.....A0654082
INSTR....AF-19/628/04091
PROJECT/TASK.....4600/10

AFCHL 67-0207
JOHANNES GUTENBERG UNIVERSITY
RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION
SCIENTIFIC REPORT NO 5 JAN 1967
BY BULLICH K
DE BART H
PLATTNER H
FIDLER H
HANEL G
DAR ACCESS NO.....253380-002
DOC NUMBER.....A0653757
INSTR....AF-01/002/00095
PROJECT/TASK.....7021/03

AFCHL 67-0208
STANFORD RESEARCH INSTITUTE
MEASUREMENT OF VELOCITY FLUCTUATION RATES IN HIGH-TEMPERATURE AIR
SCIENTIFIC REPORT A SRI PROJECT 5504 MAR 1967
BY TAYLOR W C
CHINN J H
MORITA T
DAR ACCESS NO.....271592-004
INSTR....AF-19/628/04090
PROJECT/TASK.....4600/10

AFCHL 67-0209
HARVARD UNIVERSITY
CLASSIFICATION OF SOLAR PROMINENCES FOR SUNSPOT CYCLE NO
19/1045-1967 - SUMMARY
SCIENTIFIC REPORT NO 13 MAR 1967
BY MENZEL D H
JONES T S
DAR ACCESS NO.....271771-012
DOC NUMBER.....A0653573
INSTR....AF-19/628/03322
PROJECT/TASK.....7649/06

AFCHL 67-0210
NORTHEASTERN UNIVERSITY
CONSIDERATIONS OF EXPECTED ANOMAL INTENSITIES
SCIENTIFIC REPORT NO 2 APR 1967
BY LUCHINI P L
DAR ACCESS NO.....272401-003
DOC NUMBER.....A0652955
INSTR....AF-19/628/03370
PROJECT/TASK.....7051/01

AFCHL 67-0211
UNIVERSITY OF DENVER
A BALLROOM-DURKE GRATING SPECTROMETER
APPLIED OPTICS VOL A NO 2 PP 191-194 FEB 1967
BY MURCHAY B L
MURCHAY F H
WILLIAMS W J
DAR ACCESS NO.....272581-005
DOC NUMBER.....A0650700
INSTR....AF-19/628/03202
PROJECT/TASK.....5066/01

AFCHL 67-0212
UPPSALA UNIVERSITY
AIR PRESSURE DEPENDENCY OF COSMIC RAY INTENSITY METHODS
AND RESULTS OF A STATISTICAL ANALYSIS OF NEUTRON MONITOR
DATA
SCIENTIFIC REPORT NO 2 NOV 1966
BY MARTINELLI S
DAR ACCESS NO.....260671-002
DOC NUMBER.....A0653579
INSTR....AF-61/0-2/0006H
PROJECT/TASK.....4600/06

AFCHL 67-0213
UPPSALA UNIVERSITY
A NEW METHOD OF MEASURING THE PERFORMANCE OF NEUTRON
MONITORS
SCIENTIFIC REPORT NO 3 MAR 1967
BY MARTINELLI S
DAR ACCESS NO.....260671-001
DOC NUMBER.....A0653580
INSTR....AF-61/0-2/0006H
PROJECT/TASK.....4600/06

AFCHL 67-0214
SPACE SCIENCES INFORMATION
ELECTRON ATTACHING ADDITIVES FOR THE MODIFICATION OF
NEUTRAL PLASMAS
NSI-240-89 NO 1 MAR 1967
BY NYOICK S L
AISENBERG S
DAR ACCESS NO.....281760-001
DOC NUMBER.....A0656406
INSTR....AF-19/628/03007
PROJECT/TASK.....4642/02

AFCHL 67-0216
HARVARD UNIVERSITY
MAGNETIC FIELDS AND SMALL-SCALE STRUCTURE OF THE SOLAR
ATMOSPHERE
GALILEI SYMPOSIA VOL II TOMB 4 1966 PP 308-310
BY MENZEL D H
SHORE H W
DAR ACCESS NO.....271771-013
DOC NUMBER.....A065400
INSTR....AF-19/628/03322
PROJECT/TASK.....7649/06

AFCHL 67-0217
HARVARD UNIVERSITY
GENERAL CONCLUSIONS
GALILEI SYMPOSIA VOL II TOMB 4 1966 PP 336-341
BY MENZEL D H
DAR ACCESS NO.....271771-014
DOC NUMBER.....A065400
INSTR....AF-19/628/03322
PROJECT/TASK.....7649/06

AFCHL 67-0218
STANFORD RESEARCH INSTITUTE
GROWTH AND CHARACTERIZATION OF Si-SILICON CARBIDE SINGLE
CRYSTALS FINAL REPORT FEB 1967
BY NELSON W E
MALDEN F A
HARTLETT R W
ROSENBERG A
MANSH L F
DAR ACCESS NO.....253310-003
DOC NUMBER.....A0651151
INSTR....AF-01/002/00095
PROJECT/TASK.....5620/06

AFCHL 67-0219
FRANKLIN INSTITUTE
RESEARCH ON STRIPE DOMAIN STRUCTURES IN FERROMAGNETIC METAL
FILMS FINAL REPORT JAN 1967
BY MADES J D
DREW J G
DAR ACCESS NO.....281081-001
DOC NUMBER.....A0653601
INSTR....AF-19/628/03803
PROJECT/TASK.....4600/03

AFCHL 67-0220
UTAH STATE UNIVERSITY
AIRBORNE ELECTRONIC ULTRA-FAST SCANNING SPECTROMETER
SCIENTIFIC REPORT NO 1 MAR 1967
BY JAKOB U J
STED A J
DAR ACCESS NO.....251210-001
DOC NUMBER.....A0653997
INSTR....AF-19/628/04904
PROJECT/TASK.....5710/00

AFCHL 67-0221
AIR FORCE CAMBRIDGE RESEARCH LABS
A TECHNIQUE FOR SOLVING THE GENERAL REACTION-RATE EQUATIONS
IN THE ATMOSPHERE
END NO 263 APR 1967
BY KRNESHER T J
DAR ACCESS NO.....255560-002
INSTR....AFCHL-6605-02-01
PROJECT/TASK.....4605/02

AFCHL 67-0222
AIR FORCE CAMBRIDGE RESEARCH LABS
THREE FAMILIES OF INTEGRALS WHICH ARISE IN SOME THREE-BODY
PROBLEMS
NSD NO 321 APR 1967
BY JASHESE J H
DAR ACCESS NO.....256150-003
DOC NUMBER.....A0654298
INSTR....AFCHL-5621-00-01
PROJECT/TASK.....5021/06

AFCHL 67-0223
AIR FORCE CAMBRIDGE RESEARCH LABS
A TECHNIQUE FOR SOLVING THE GENERAL REACTION-RATE EQUATIONS
IN THE ATMOSPHERE
END NO 263 APR 1967
BY KRNESHER T J
DAR ACCESS NO.....255560-002
INSTR....AFCHL-6605-02-01
PROJECT/TASK.....4605/02

AFCHL 67-0224
PENNSYLVANIA ELECTRONIC DEFENSE LABS
SIGNAL CORRELATIONS IN FORWARD SCATTERING BY TWO-COMPONENT
RANDOM DISTRIBUTIONS
SPSN-LIKE SCIENTIFIC REPORT NO 1 MAR 1967
BY HUMPHREY J E
KAYS T H
KIRBY J L
TAKENSKY V
DAR ACCESS NO.....256700-001
DOC NUMBER.....A0651754
INSTR....AF-19/628/05886
PROJECT/TASK.....6042/02

AFCHL 67-0226
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
THEORY OF TRANSOR APERTURE SYNTHESES
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION VOL AP-15 NO
1 JANUARY 1967 PPHM-190
HY KO H C
DAR ACCESS NO.....289280-00P
DOC NUMBER.....AD651370
INSTH...AF-19/628/06145
PROJECT/TASK.....0629701

AFCHL 67-0227
CONTROLS FOR RADIATION INC
DETERMINATION OF CARBON NITROGEN AND OXYGEN IN SILICON BY
ACTIVATION ANALYSIS
SCIENTIFIC REPORT NO 1 APR 1967
HY RHOEL G H
DAR ACCESS NO.....200691-001
DOC NUMBER.....AD652233
INSTH...AF-19/628/05980
PROJECT/TASK.....0620703

AFCHL 67-0228
HUGHES RESEARCH LABS
ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY I
EXPERIMENTS
SCIENTIFIC REPORT NO 3 MAY 1967
HY HILL K
MOLLBERG J V
DAR ACCESS NO.....207351-003
DOC NUMBER.....AD652233
INSTH...AF-19/628/04297
PROJECT/TASK.....0654702

AFCHL 67-0229
E G AND G INC
STUDIES FOR A GEOMETRIC LASER SYSTEM FINAL REPORT MAY 1967
BY ACKERMAN S
DAR ACCESS NO.....250241-00A
DOC NUMBER.....AD652233
INSTH...AF-19/628/05516
PROJECT/TASK.....7600706

AFCHL 67-0230
SYRACUSE UNIVERSITY RESEARCH INSTITUTE
ANALYSIS AND SYNTHESIS OF UNEQUALLY SPACED ARRAYS USING THE
Z-TRANSFORM
IEEE 66-73 SCIENTIFIC REPORT NO 3 APR 1967
BY SPELLMAN J
STRAIT H J
DAR ACCESS NO.....250670-003
DOC NUMBER.....AD651431
INSTH...AF-19/628/05442
PROJECT/TASK.....0629703

AFCHL 67-0231
AMERICAN SCIENCE AND ENGINEERING
RESEARCH DIRECTED TOWARD MEASUREMENT OF THE ENERGETIC
CHARGED PARTICLE ENVIRONMENT IN NEAR-EARTH SPACE FINAL
REPORT SPRT 1967
BY MADLEY R C
DADLINE F R
REIDY R P
WUJIT R H
DAR ACCESS NO.....741112-001
DOC NUMBER.....AD6519754
INSTH...AF-19/628/05704
PROJECT/TASK.....0600706

AFCHL 67-0232
AIR FORCE CAMBRIDGE RESEARCH LABS
DISTRIBUTIONS OF RADAR ECHOES OVER THE UNITED STATES
AFSG NO 191 APR 1967
BY GWANTHAM D O
KANTON A J
DAR ACCESS NO.....255750-011
DOC NUMBER.....AD65110
INSTH...AFCHL-6624-01-01
PROJECT/TASK.....0624701

AFCHL 67-0233
ATLANTIC RESEARCH CORP
THE DEVELOPMENT OF DESIGN TECHNIQUES FOR SINGLE-STAGE
SOUNDING ROCKETS FINAL REPORT MAR 1967
BY ANNONS H L
DAR ACCESS NO.....255410-001
DOC NUMBER.....AD652233
INSTH...AF-19/628/06051
PROJECT/TASK.....7653704

AFCHL 67-0234
COLUMBIA UNIVERSITY
CLAY MULLITY PORTUGUESE JFND CALIFORNIA
SCIENTIFIC REPORT NO 1 APR 1967
BY KENN P R
DUFF I M
DAR ACCESS NO.....251491-001
DOC NUMBER.....AD657086
INSTH...AF-19/628/05550
PROJECT/TASK.....0627702

AFCHL 67-0235
SPERRY GYROSCOPE CO
MICROWAVE ALL-PASS NETWORKS FOR ANTENNA FEED SYSTEMS
WD-5247-0871 JAN 1967
BY SWILAN L I
DAR ACCESS NO.....251711-001
DOC NUMBER.....AD654600
INSTH...AF-19/628/05743
PROJECT/TASK.....0600710

AFCHL 67-0236
UNIVERSITY OF WINDU ISLAND
HYDROMAGNETIC WAVES IN THE IONOSPHERE PROPAGATION
THROUGH INHOMOGENEOUS AND CURRENT CARRYING REGIONS
4950/1 SCIENTIFIC REPORT NO 1 APR 1967
HY AHAS M
DAR ACCESS NO.....280961-001
DOC NUMBER.....AD655081
INSTH...AF-19/628/04950
PROJECT/TASK.....0631710

AFCHL 67-0237
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
THE INFRARED ABSORPTION BANDS OF OZONE
SCIENTIFIC REPORT 2 FEB 1967
BY MCCRA D J
SHAW J H
DAR ACCESS NO.....253341-001
DOC NUMBER.....AD653198
INSTH...AF-19/628/03406
PROJECT/TASK.....7670703

AFCHL 67-0238
NEW MEXICO STATE UNIVERSITY
A 1640 MHZ ANTENNA FOR A TWENTY-FOUR INCH EJECTABLE SPM-HE
PHYSICAL SCIENCE LABORATORY P80501 SCIENTIFIC REPORT NO 1
FEB 1967
HY HENRY D G
MAAS M R
MILLEY H T
DAR ACCESS NO.....250471-001
DOC NUMBER.....AD655403
INSTH...AF-19/628/05423
PROJECT/TASK.....0642704

AFCHL 67-0239
CONDUCTOR COMP
REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING FOR
QUANTITATIVE TECHNICAL REPORT NO 3 MAY 1967
BY MCOWELL C M
DYATE V P
DROOKS M A
HITT MORFAY K
MCNAH F M
DAR ACCESS NO.....258750-001
DOC NUMBER.....AD651037
INSTH...AF-19/628/06149
PROJECT/TASK.....0675700

AFCHL 67-0240
PHYSICAL STUDIES INC
DELINICATION OF LA ULTRAVIOLET SPECTROMETER SOURCES FOR
FINAL REPORT MAY 1967
BY HYEENE G G JH
DAR ACCESS NO.....755070-002
DOC NUMBER.....AD651269
INSTH...AF-19/628/06137
PROJECT/TASK.....0677700

AFCHL 67-0241
AIR FORCE CAMBRIDGE RESEARCH LABS
PHASE IN THE PULSED RADAR TIME-STREAM
APRIL 1967 PSMP NO 322
BY SLETTEN C J
WILT F S
DAR ACCESS NO.....254910-001
DOC NUMBER.....AD619319
INSTH...AFCHL-5635-05-01
PROJECT/TASK.....0635705

AFCHL 67-0242
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
STUDIES IN RADIO ASTRONOMY FINAL REPORT MAY 1967
BY KIL M C
KHAUS J H
DAR ACCESS NO.....271651-001
DOC NUMBER.....AD614734
INSTH...AF-19/628/03310
PROJECT/TASK.....5629700

AFCHL 67-0243
SPERRY RAND CORPORATION
INVESTIGATION OF LOGIC CIRCUIT COMPLEXES UNIVERSAL FUNCTION
MODULES FINAL REPORT APR 1967
BY ELLISON J T
KULMAN U
SCHIAVO A D
DAR ACCESS NO.....265437-001
DOC NUMBER.....AD653395
INSTH...AF-19/628/06012
PROJECT/TASK.....0641704

AFCHL 67-0244
UNIVERSITY OF ALASKA
PEARL-TYPE TELLURIC CURRENT MICROMULATIONS AT CHLEGE
JOURNAL OF GEOPHYSICAL RESEARCH VOL 67 NO 10 PP 3945-3995
SPRT 1962
BY HFRACK H V
HESLER V P
DAR ACCESS NO.....251200-001
DOC NUMBER.....AD652854
INSTH...AF-19/628/01645
PROJECT/TASK.....0601703

AFCHL 67-0245
UNIVERSITY OF ALASKA
THE EFFECT OF TOPOGRAPHY AND GEOLOGY ON TELLURIC CURRENTS
JOURNAL OF GEOPHYSICAL RESEARCH VOL 67 NO 12 PP 4113-4123
NOVEMBER 1962
BY WESCOTT E M
HESLER V P
DAR ACCESS NO.....251200-002
DOC NUMBER.....AD652854
INSTH...AF-19/628/01695
PROJECT/TASK.....0601703

APCRL 67-0240
UNIVERSITY OF ALASKA
TELLURIC CURRENT MICROPULSATION HURSTS
JOURNAL OF GEOPHYSICAL RESEARCH VOL 69 NO 3 PP 953-958
FEBRUARY 1 1967
BY HEACOCK R H
HESLER V P
DAR ACCESS NO.....251200-003
DOC NUMBER.....AD062560
INST.....AF-197624/01695
PROJECT/TASK.....R601703

APCRL 67-0247
UNIVERSITY OF ALASKA
AURORA-ZONE TELLURIC-CURRENT MICROPULSATIONS 1 20 SECONDS
JOURNAL OF GEOPHYSICAL RESEARCH VOL 69 NO 7 PP 1471-1484
APRIL 1 1967
BY HEACOCK R H
DAR ACCESS NO.....251200-004
DOC NUMBER.....AD062561
INST.....AF-197624/01695
PROJECT/TASK.....R601703

APCRL 67-0248
UNIVERSITY OF ALASKA
PERIODIC COVARIATION OF RADIOWAVE ABSORPTION EARTH CURRENTS
AND OTHER ASSOCIATED PHENOMENA IN THE AURORAL ZONE
JOURNAL OF GEOPHYSICAL RESEARCH VOL 69 NO 13 PP 2467-2471
JULY 1 1966
BY PANTHANATHY H
HESLER V P
DAR ACCESS NO.....251200-005
DOC NUMBER.....AD062562
INST.....AF-197624/01695
PROJECT/TASK.....R601703

APCRL 67-0249
UNIVERSITY OF ALASKA
PEARL-TYPE MICROPULSATIONS ASSOCIATED WITH MAGNETIC STORM
SUDDEN COMMENCEMENTS
JOURNAL OF GEOPHYSICAL RESEARCH VOL 70 NO 5 PP 1103-1111
MARCH 1 1965
BY HEACOCK R H
HESLER V P
DAR ACCESS NO.....251200-006
DOC NUMBER.....AD062563
INST.....AF-197624/01695
PROJECT/TASK.....R601703

APCRL 67-0250
UNIVERSITY OF ALASKA
INTRA-AND INTERHEMISPHERE DIFFERENCES IN OCCURRENCE TIMES
OF HYDROMAGNETIC EMISSIONS
JOURNAL OF GEOPHYSICAL RESEARCH VOL 71 NO 5 PP 1492-1494
MARCH 1 1966
BY WENFORTH K C
TEPLEY L
AMUNDSEN K D
HEACOCK R H
DAR ACCESS NO.....251200-007
DOC NUMBER.....AD062564
INST.....AF-197624/01695
PROJECT/TASK.....R601703

APCRL 67-0251
UNIVERSITY OF ALASKA
EVENING MICROPULSATION EVENTS WITH A RISING MIDNIGHT ONLY
CHARACTERISTIC
JOURNAL OF GEOPHYSICAL RESEARCH VOL 72 NO 1 PP 399-404
JANUARY 1 1966
BY HEACOCK R H
DAR ACCESS NO.....251200-008
DOC NUMBER.....AD062565
INST.....AF-197624/01695
PROJECT/TASK.....R601703

APCRL 67-0252
AID FUND CAMBRIDGE RESEARCH LAIS
A THEORY OF THE AURORAL AFTERGLOW OF NITROGEN
PSOP NO 323 APR 1967
BY BILDMERGG H
DAR ACCESS NO.....255000-009
DOC NUMBER.....AD062566
INST.....APCRL-6627-01-01
PROJECT/TASK.....R627701

APCRL 67-0253
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EQUILIBRIUM SPIN CONFIGURATION AND RESONANCE BEHAVIOR OF
RUMF SU-3
SCIENTIFIC REPORT NO 1 JUNE 1966
BY CEE P H
JOCI W J
DAR ACCESS NO.....256730-001
DOC NUMBER.....AD062567
INST.....AF-197624/05976
PROJECT/TASK.....R600703

APCRL 67-0254
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETIC GENERATION IN ANTERO-MAGNETIC RESONANCE
SCIENTIFIC REPORT NO 2 JUNE 1966
BY CEE P H
DAR ACCESS NO.....256730-002
DOC NUMBER.....AD062568
INST.....AF-197624/05976
PROJECT/TASK.....R600703

APCRL 67-0255
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXCHANGE TORQUE DOPK AND MOMENTUM FLOW AND STRESS IN A
RIGID FERROMAGNET
SCIENTIFIC REPORT NO 3 AUG 1966
BY WINGENTHALEN F H
DAR ACCESS NO.....256730-003
DOC NUMBER.....AD062569
INST.....AF-197624/05976
PROJECT/TASK.....R600703

APCRL 67-0256
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETOELASTIC PROPERTIES OF TITANIUM IRON GARNET AS A
FUNCTION OF TEMPERATURE
SCIENTIFIC REPORT NO 4 JAN 1967
BY PLATKIN A
DAR ACCESS NO.....256730-004
DOC NUMBER.....AD062570
INST.....AF-197624/05976
PROJECT/TASK.....R600703

APCRL 67-0257
NORTHEASTERN UNIVERSITY
A TICKET INTRUMENT FOR THE MEASUREMENT OF DAY AURORA
SCIENTIFIC REPORT NO 3 FEB 1967
BY HAILLY A O
GRIZARD H C
DAR ACCESS NO.....256730-005
DOC NUMBER.....AD062571
INST.....AF-197624/05976
PROJECT/TASK.....R600703

APCRL 67-0258
HARVARD UNIVERSITY
A COMPARISON BETWEEN A N-ELEMENTS CIRCULAR APFA AND AN
ELECTRICALLY THICK TUNNELL DEPEND ANTENNA WITH DIFFERENT
RADIUS
SCIENTIFIC REPORT NO 16 MARCH 1967
BY CHANG D C
DAR ACCESS NO.....256730-006
DOC NUMBER.....AD062572
INST.....AF-197624/05976
PROJECT/TASK.....R600703

APCRL 67-0259
RUBELL TECHNOLOGICAL INSTITUTE
SOLAR CORONA STUDY FINAL REPORT JAN 1967
BY KIM K S
DAR ACCESS NO.....256730-007
DOC NUMBER.....AD062573
INST.....AF-197624/05976
PROJECT/TASK.....R600703

APCRL 67-0260
HARVARD UNIVERSITY
ON TWO ARBITRARILY LOCATED IDENTICAL PARALLEL INTERNAL
SCIENTIFIC REPORT NO 15 MARCH 1967
BY CHANG V W H
DAR ACCESS NO.....256730-008
DOC NUMBER.....AD062574
INST.....AF-197624/05976
PROJECT/TASK.....R600703

APCRL 67-0261
COLUMBIA UNIVERSITY
GUIDED WAVES IN HOMOGENEOUS MEDIA WITH HOMOGENEOUS
INHOMOGENEITIES
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION VOL AP 15
NO 1 JAN 1967 PP 70-75
BY WICHTER S L
DAR ACCESS NO.....256730-009
DOC NUMBER.....AD062575
INST.....AF-197624/05976
PROJECT/TASK.....R600703

APCRL 67-0262
COLUMBIA UNIVERSITY
DISSIPATION FACTOR OF THE TORSIONAL MODE DEFORMED EARTH
FOR A HOMOGENEOUS-MANTLE EARTH WITH A SOFT-SUBTLE
VISCOUS-LIQUID CORE
GEOPHYSICAL RES VOL 72 NO 6 MARCH 15 1967 PP 1173-1181
BY SATO M
ESPINOSA A F
DAR ACCESS NO.....256730-010
DOC NUMBER.....AD062576
INST.....AF-197624/05976
PROJECT/TASK.....R600703

APCRL 67-0263
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SMALL SCALE VELOCITY STRUCTURE IN THE 10 - 100 M HZ BAND
DUCED FROM PAIRED WIDE AREA SOUNDINGS
SCIENTIFIC REPORT NO 1 MAY 1967
BY MANLEY J H
HERN G J
DAR ACCESS NO.....256730-011
DOC NUMBER.....AD062577
INST.....AF-197624/05976
PROJECT/TASK.....R600703

APCRL 67-0264
SOUTHWEST CENTER FOR ADVANCED STUDIES
AN ANALYSIS OF THE TRAVEL TIMES OF S WAVES IN NORTH
DRAKES
CONTRIBUTION NO 6 OF THE GEOPHYSICAL OBSERVATION STATION
REPORT NO 3 APR 1967
BY JONES H A
HARRIS A L
DAR ACCESS NO.....256730-012
DOC NUMBER.....AD062578
INST.....AF-197624/05976
PROJECT/TASK.....R600703

AFCL 67-0265
SOUTHWEST CENTER FOR ADVANCED STUDIES
P AND S TRAVEL TIME ANOMALIES AND THEIR INTERPRETATION
CONTRIBUTION 47 OF THE GEOSCIENCES DIVISION SCIENTIFIC
MEMOIR NO 4 APR 1967
BY HALES A L
DOYLE M A
OAR ACCESS NO.....251190-007
DOC NUMBER.....AD652219
INSTR...AF-19/028/02436
PROJECT/TASK.....R652/08

AFCL 67-0266
AIR FORCE CAMBRIDGE RESEARCH LABS
THE RAYLEIGH ARCHIVES DEDICATION
SPECIAL MEMOIRS NO 63 APR 1967
BY MUHAMMAD J N
OAR ACCESS NO.....255460-002
DOC NUMBER.....AD655773
INSTR...AFCL-8603-03-01
PROJECT/TASK.....R661/03

AFCL 67-0267
RICE UNIVERSITY
STUDY OF SOLAR WIND INTERACTIONS FINAL REPORT MAR 1967
BY DESSLEN A J
OAR ACCESS NO.....250290-001
DOC NUMBER.....AD654007
INSTR...AF-19/028/03858
PROJECT/TASK.....R661/02

AFCL 67-0268
MOTOROLA INC
AN ADVANCED METEOROLOGICAL SOUNDING SYSTEM PHASE II
/PROOF-OF-CONCEPT/
MS-3022-1 SCIENTIFIC MEMOIR NO 2 SEPT 1966
BY GRISOLS W W
MORIO J K
OAR ACCESS NO.....250170-001
DOC NUMBER.....AD655384
INSTR...AF-19/028/04215
PROJECT/TASK.....R667/02

AFCL 67-0269
BOLT BRANCK AND NEWMAN INC
SURVEY OF AUTOMATIC LANGUAGE PROCESSING 1966
SCIENTIFIC MEMOIR 7 APR 1967
BY DOMINIC D G
FRASER J H
OULLIAN M H
OAR ACCESS NO.....251090-007
DOC NUMBER.....AD652646
INSTR...AF-19/028/05065
PROJECT/TASK.....R667/00

AFCL 67-0270
IONOSPHERIC INSTITUTE WURTSACH
RESULTS OF AN EXPERIMENT CONCERNING THE FADING-PATTERN
SCIENTIFIC MEMOIR NO 1 NOV 1966
BY HANNISCHMACHEN C
OAR ACCESS NO.....250500-003
DOC NUMBER.....AD653320
INSTR...AF-01/052/00672
PROJECT/TASK.....R663/01

AFCL 67-0271
TYCO LABORATORIES INC
THE INVESTIGATION OF SILICON CARBIDE BY A TRAVELLING
SOLVENT METHOD FINAL REPORT APR 1967
BY WOLFE G A
DAS H N
OAR ACCESS NO.....250740-001
DOC NUMBER.....AD653305
INSTR...AF-19/028/04384
PROJECT/TASK.....R667/05

AFCL 67-0272
MATERIALS RESEARCH CORPORATION
INVESTIGATION OF FLECTION URAM PROCESSING OF ALUMINUM
ORIDE AND RELATED MATERIALS FINAL REPORT DEC 1966
BY C. A. S. S.
M. S. S. H. H.
MURRAY G. T.
OAR ACCESS NO.....250750-004
DOC NUMBER.....AD653714
INSTR...AF-19/028/04049
PROJECT/TASK.....R667/01

AFCL 67-0274
A STATISTICAL MODEL OF THE ILLUMINATION FIELD AT SUPERSONIC
AIRCRAFT ALTITUDES
AFSG NO 193 MAY 1967
BY GRUNDSTEN J E
OAR ACCESS NO.....255700-006
DOC NUMBER.....AD653609
INSTR...AFCL-8603-02-01
PROJECT/TASK.....R662/02

AFCL 67-0275
THEORETICAL CHEMICAL CORP
PHYSICAL AND MATHEMATICAL TESTS IN SUPPORT OF SOUNDING ROCKET
VEHICLES FINAL REPORT MAY 1967
BY CORANOS J W
MALLICK J
OAR ACCESS NO.....250101-003
DOC NUMBER.....AD654746
INSTR...AF-19/028/04067
PROJECT/TASK.....R667/04

AFCL 67-0276
TEMPLE UNIVERSITY
STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH
TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING MINES
FINAL REPORT MAY 1967
BY KORNHEFF T
OAR ACCESS NO.....271571-001
DOC NUMBER.....AD652237
INSTR...AF-19/028/00215
PROJECT/TASK.....R668/04

AFCL 67-0277
AMERICAN SCIENCE AND ENGINEERING INC
THE FLUORESCENCE OF AIR AND NITROGEN EXCITED BY ENERGETIC
COLLISIONS FINAL REPORT JAN 1964
BY ONEIL H R
DAVIDSON G
OAR ACCESS NO.....272701-001
DOC NUMBER.....AD673995
INSTR...AF-19/028/04080
PROJECT/TASK.....S710/00

AFCL 67-0278
MCTON UNIVERSITY
PHYSICS OF VIBRONIC TRANSITIONS IN THE SPECTRA FOR RARE
EARTH IONS IN CRYSTALS FINAL REPORT FEB 1967
BY LUN W
YATSEV S
OAR ACCESS NO.....253001-001
INSTR...AF-00AR-0021-66
PROJECT/TASK.....S621/04

AFCL 67-0279
ROYAL INSTITUTE OF TECHNOLOGY
ACOUSTIC SPECIFICATION OF SPEECH FINAL REPORT JAN 1967
BY FAAT C
GIMMAN M
OAR ACCESS NO.....259100-001
DOC NUMBER.....AD654309
INSTR...AF-00AR-0021-66
PROJECT/TASK.....S629/02

AFCL 67-0280
AIR FORCE CAMBRIDGE RESEARCH LABS
PROCEEDINGS OF THE THIRD SYMPOSIUM ON THE PLASMA SHEATH-
PLASMA ELECTROMAGNETICS OF HYPERSONIC FLIGHT VOLUME II
ELECTRICAL PROPERTIES OF SHOCK-IONIZED FLUID FIELDS
SPECIAL REPORTS NO 64 7/1 MAY 1967
BY HATHAN W
MUGGE H
DAPA W
LENNON J
OAR ACCESS NO.....257020-017
INSTR...AFCL-4642-02-01
PROJECT/TASK.....R662/02

AFCL 67-0281
ROYAL SWEDISH ACADEMY OF SCIENCE
A SYSTEM FOR AUTOMATIC COLLECTION OF GEOMAGNETIC DATA IN
DIGITAL FORM FINAL REPORT FEB 1967
BY GUSTAFSSON G
OAR ACCESS NO.....251170-001
DOC NUMBER.....AD653607
INSTR...AF-01/052/00237
PROJECT/TASK.....R661/02

AFCL 67-0282
NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT
EXPERIMENTAL STUDIES OF THE ANCTIC D-WAVE (IN FINAL REPORT
JAN 1967
BY LAMMAR B
OAR ACCESS NO.....253750-001
DOC NUMBER.....AD653555
INSTR...AF-01/052/00499
PROJECT/TASK.....R663/02

AFCL 67-0283
ECOLE NORMALE SUPERIEURE
OPTICAL SPECTROSCOPY OF SEMICONDUCTOR MATERIALS FINAL
REPORT JUNE 1967
BY BALKAN K M
OAR ACCESS NO.....250780-005
DOC NUMBER.....AD653204
INSTR...AF-01/032/00784
PROJECT/TASK.....S620/03

AFCL 67-0284
UNIVERSITY COLLEGE OF NAUROMI
IONOSPHERIC RESEARCH USING SATELLITES
SUMMARY REPORT NO 1 NOV 1966
BY HUNTER A N
WENSTER A W
OAR ACCESS NO.....250830-001
DOC NUMBER.....AD653950
INSTR...AF-01/052/00404
PROJECT/TASK.....R663/02

AFCL 67-0285
NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT
ACOUSTIC OSCILLATIONS CURRENT SATURATION AND
ELECTRON DRIFT MOBILITY IN CADMIUM SULPHIDE CRYSTALS
SCIENTIFIC REPORT NO 1 NOV 1966
BY HANSTAD A
OAR ACCESS NO.....254340-001
DOC NUMBER.....AD654003
INSTR...AF-01/052/00758
PROJECT/TASK.....R660/03

AFCHL 67-0286
ROYAL INSTITUTE OF TECHNOLOGY /KTH/
COARTICULATION IN VCV UTTERANCES SPECTROGRAPHIC
MEASUREMENTS
JOURNAL OF ACOUSTICAL SOCIETY OF AMERICAN VOL 39 NO 1 PP
151-158 JANUARY 1965
BY DHMAN S E G
OAR ACCESS NO.....259100-007
DOC NUMBER.....AD654073
INSTR...AF-ENAR-0024-05
PROJECT/TASK.....0628/02

AFCHL 67-0287
ROYAL INSTITUTE OF TECHNOLOGY /KTH/
PERCEPTION OF SEGMENTS OF VCV UTTERANCES
JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA VOL 40 NO 5
PP 979-988 NOV 66
BY DHMAN S F G
OAR ACCESS NO.....259100-003
DOC NUMBER.....AD654074
INSTR...AF-ENAR-0024-06
PROJECT/TASK.....0628/02

AFCHL 67-0288
UNIVERSITY OF CHICAGO
SPECTROSCOPIC RESEARCH FINAL REPORT MAY 1967
BY MULLIKEN R S
OAR ACCESS NO.....263661-001
DOC NUMBER.....AD654005
INSTR...AF-19/628/02474
PROJECT/TASK.....0627/02

AFCHL 67-0289
UTAH STATE UNIVERSITY
SHAW MEASUREMENT OF SMALL OPTICAL TARGETS FINAL REPORT APR
1967
BY HAKEN D J
RUSKOWITH C K
AUSTIN M C
HARRIS R A
OAR ACCESS NO.....253410-007
DOC NUMBER.....AD654275
INSTR...AF-19/628/03825
PROJECT/TASK.....0603/00

AFCHL 67-0290
MANLANS INC
THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES
UNDER HIGH PRESSURE
SCIENTIFIC REPORT NO 1 FEB 1967
BY CLOUGHERTY E V
KAUFMAN L
OAR ACCESS NO.....252240-001
DOC NUMBER.....AD652474
INSTR...AF-19/628/05745
PROJECT/TASK.....0620/04

AFCHL 67-0291
COLUMBIA UNIVERSITY
PROPAGATION OF DISTURBANCES IN A GUTENBERG-BULLEN A
SYMMETRICAL EARTH MODEL TRAVEL TIMES AND AMPLITUDES OF S
WAVES
GEOPHYSICAL MONO NO10 THE EARTH BENEATH THE CONTINENTS
P487-494 1966
BY LANDISHMAN M
SATO T
USAMI T
OAR ACCESS NO.....272521-017
DOC NUMBER.....AD652193
INSTR...AF-19/628/04087
PROJECT/TASK.....0603/00

AFCHL 67-0292
UNIVERSITY OF ILLINOIS
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS
SCIENTIFIC REPORT NO 8 APR 1967
BY MULINYAK N
SINKIS M D
STREETMAN B G
BLOUKE M M
CRAPFORD M G
OAR ACCESS NO.....253430-006
DOC NUMBER.....AD654004
INSTR...AF-19/628/04337
PROJECT/TASK.....0603/05

AFCHL 67-0293
DELL TELEPHONE LABORATORIES INC
RECOMBINATION FLUORESCENCE IN IRRADIATED GAP AND
UNIRRADIATED GAP ZNTE AND SI
SCIENTIFIC REPORT NO 2 DEC 1966
BY CUTHBERT J D
OAR ACCESS NO.....273180-003
DOC NUMBER.....AD655097
INSTR...AF-19/628/04157
PROJECT/TASK.....0603/01

AFCHL 67-0295
UNIVERSITY OF UTAH
ROCKET INSTRUMENTATION FOR AERONAUTICAL MEASUREMENTS - BLACK
BRANT AC 17-004
SCIENTIFIC REPORT NO 7 UU-67-1 MAR 1967
BY BUNT D A
OAR ACCESS NO.....259531-008
DOC NUMBER.....AD653192
INSTR...AF-19/628/04495
PROJECT/TASK.....0603/03

AFCHL 67-0296
HEWLETT/PACKARD CO
INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL
CATODES
SCIENTIFIC REPORT NO 2 APR 1967
BY LERNCH L S
ARCHER R J
YAP T O
OAR ACCESS NO.....288900-002
DOC NUMBER.....AD653190
INSTR...AF-19/628/05946
PROJECT/TASK.....0638/01

AFCHL 67-0297
NIMRODIS UNIVERSITY
LEVEL SHIFTS DUE TO THE CONFINEMENT OF AN ATOM
BY CONDUCTING WALLS
PHYSICS LET* VOL 24A NO 4 PP224-225 13 FEB 1967
BY GILUB R
GUTTRICH G L
OAR ACCESS NO.....252871-003
DOC NUMBER.....AD652170
INSTR...AF-19/628/05833
PROJECT/TASK.....0645/02

AFCHL 67-0298
COLUMBIA UNIVERSITY
STUDIES OF GUIDED ELECTROMAGNETIC WAVES IN THE PRESENCE OF
AXIALLY NONUNIFORM OR RANDOM PERTURBATIONS
CU-CE REPORT NO 100 SCIENTIFIC REPORT NO 3 MAR 1967
BY NICHTEH S L
OAR ACCESS NO.....261712-003
DOC NUMBER.....AD658068
INSTR...AF-19/628/05832
PROJECT/TASK.....0600/04

AFCHL 67-0299
UNIVERSITY OF ARIZONA COLLEGE OF ENG
PLANE WAVE PROPAGATION THROUGH A COMPRESSIBLE INHOMOGENEOUS
PLASMA
SCIENTIFIC REPORT NO 4 MAR 1967
BY WANNENBERG E
TYRAS G
OAR ACCESS NO.....252150-003
DOC NUMBER.....AD653998
INSTR...AF-19/628/03834
PROJECT/TASK.....0642/02

AFCHL 67-0300
UNIVERSITY OF ARIZONA
STUDY OF PLASMA SHEATH EFFECTS ON ANTENNAS FINAL REPORT
APR 1967
BY TYHAS G
OAR ACCESS NO.....252150-004
DOC NUMBER.....AD653998
INSTR...AF-19/628/03834
PROJECT/TASK.....0642/02

AFCHL 67-0301
CONTROLS FOR RADIATION INC
A SURVEY OF METHODS FOR MEASUREMENTS OF RADIATION FIELDS
FROM THE AFCHL LINEAR ACCELERATOR
SCIENTIFIC REPORT NO 2 MAY 1967
BY OZAIR V
OAR ACCESS NO.....250691-002
DOC NUMBER.....AD654690
INSTR...AF-19/628/05989
PROJECT/TASK.....0620/03

AFCHL 67-0302
CORNELL AERONAUTICAL LABORATORY INC
STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/
UR-2304-E-1 QUARTERLY TECHNICAL REPORT NO 1 APR 1967
BY ANDRE S A
OAR ACCESS NO.....260622-001
DOC NUMBER.....AD382411
INSTR...AF-19/628-07-C-0189
PROJECT/TASK.....0671/00

AFCHL 67-0303
UNIVERSITY OF LIEGE
RESEARCH ON RELATIONS BETWEEN COMETARY SOLAR AND UPPER
ATMOSPHERIC PROCESSES FINAL REPORT APR 1967
BY SWINGS P
OAR ACCESS NO.....267391-008
DOC NUMBER.....AD655385
INSTR...AF-61/052/00587
PROJECT/TASK.....7661/01

AFCHL 67-0304
AIR FORCE CAMBRIDGE RESEARCH LABS
SOME OBSERVATIONS OF THE GEL GROWTH OF DOPED AND UNDOPED
CALCIUM TARTRATE CRYSTALS
PBRP NO 325 MAY 1967
BY ARMINGTON A F
O CUNNOR J J
DIEPSTRO M A
OAR ACCESS NO.....256120-010
DOC NUMBER.....AD662875
INSTR...AFCHL-5620-05-01
PROJECT/TASK.....5620/05

AFCHL 67-0305
ATM FINEL CAMBRIDGE RESEARCH LABS
TACTIC ANALYSIS
PSRP NO 324 MAY 1967
BY KEYSER S J
PETHICK S H
OAR ACCESS NO.....254320-003
DOC NUMBER.....AD662599
INSTR...AFCHL-5632-05-01
PROJECT/TASK.....5632/05

AFCHL 67-0306
YORK UNIVERSITY
RESEARCH DIRECTED TOWARDS THE STUDY OF MOLECULAR BAND
INTENSITIES AND DERIVED QUANTITIES FINAL REPORT MAY 1967
BY MICHOLES R B
OAR ACCESS NO.....25170-001
DOC NUMBER.....AD653190
INSTR...AF-19/628/05926
PROJECT/TASK.....7635/01

AFCHL 67-0307
LOCKHEED MISSILES AND SPACE COMPANY
ELECTROMAGNETIC SCATTERING BY REGULAR POLYHEDRA FINAL
REPORT APR 1967
BY WATSON W H
KUSNEZOV N
OAR ACCESS NO.....25170-001
DOC NUMBER.....AD653190
INSTR...AF-19/628/05926
PROJECT/TASK.....4600/04

AFCHL 67-0308
SHELL DEVELOPMENT COMPANY
ROCK DEFORMATION AND THE DEFORMATION MECHANISMS IN TORSION
TESTS FINAL REPORT MAR 1967
BY HEARD H C
OAR ACCESS NO.....25170-001
DOC NUMBER.....AD653190
INSTR...AF-19/628/05926
PROJECT/TASK.....7635/01

AFCHL 67-0309
AIR FORCE CAMBRIDGE RESEARCH LABS
CHARACTERIZATION OF SPEECH SOURCES IN TERMS OF GENETIC
OPERATING CHARACTERISTICS
PSAP NO 326 MAY 1967
BY SMITH C P
OAR ACCESS NO.....25170-001
DOC NUMBER.....AD653190
INSTR...AF-19/628/05926
PROJECT/TASK.....4600/04

AFCHL 67-0310
SYRACUSE UNIV RESEARCH INSTITUTE
OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR
ARBITRARY ANTENNA ARRAYS SUBJECT TO HANDIM ERRORS
SCIENTIFIC REPORT NO 3 MAY 1967
BY CHENG U K
TSUNG FUNG-I
OAR ACCESS NO.....25170-001
DOC NUMBER.....AD653190
INSTR...AF-19/628/05926
PROJECT/TASK.....4600/04

AFCHL 67-0311
HUGHES AIRCRAFT CO
SPACE-TIME CORRELATION THEORY FOR INFORMATION-CARRYING
SIGNALS
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION VOL AP-15
NO 1 JANUARY 1967 PP 163-171
BY YOUNG G D
KSIENSKI A A
OAR ACCESS NO.....25270-002
DOC NUMBER.....AD653124
INSTR...AF-19/628/04358
PROJECT/TASK.....4603/03

AFCHL 67-0312
STANFORD UNIVERSITY
ELECTRICALLY CONTROLLED ACOUSTIC BEAM DEFLECTION
PROCEEDINGS OF THE IEEE VOL 55 NO 1 JANUARY 1967 PP 68-77
BY ADDISON M C
AULD U A
WILKINSON J H
OAR ACCESS NO.....25270-002
DOC NUMBER.....AD653124
INSTR...AF-19/628/04358
PROJECT/TASK.....4603/03

AFCHL 67-0313
SAN FERNANDO VALLEY STATE COLLEGE
CLIMATIC NORMALS AS PROJECTIONS PART I BACKGROUND
SCIENTIFIC REPORT NO 147-67-1 MAY 1967
BY COURT A
OAR ACCESS NO.....25270-002
DOC NUMBER.....AD653124
INSTR...AF-19/628/04358
PROJECT/TASK.....4603/03

AFCHL 67-0314
AIR FORCE CAMBRIDGE RESEARCH LABS
TRANSMISSION LINE MODELS OF MAGNIN-PHONON MODES IN
FERRITES PART II COUPLED MODES
PSAP NO 327 MAY 1967
BY SETHARES J C
OAR ACCESS NO.....254430-005
DOC NUMBER.....AD655777
INSTR...AFCHL-5635-01-01
PROJECT/TASK.....5635/03

AFCHL 67-0315
UNION UNIVERSITY
SPHERULES IN SEDIMENTARY ROCKS FINAL REPORT MAY 1967
BY BUTCH F A
OAR ACCESS NO.....251231-001
DOC NUMBER.....AD653574
INSTR...AF-19/628/06000
PROJECT/TASK.....7624/01

AFCHL 67-0316
KANSAS UNIVERSITY
MACHINE RECOGNITION OF TRANSFORMATIONAL GRAMMARS OF
ENGLISH FINAL REPT JAN 1967
BY KEYSEN S J
KIRK R
OAR ACCESS NO.....257800-001
DOC NUMBER.....AD653993
INSTR...AF-19/628/05824
PROJECT/TASK.....5632/05

AFCHL 67-0317
PHILIPPO ADVANCED TECHNOLOGY CENTER
ADVANCED ANTENNA TECHNIQUES FINAL REPORT APR 1967
BY KASHIHARA T K
CZORBITA S
PHUGUIC L W
OAR ACCESS NO.....251971-001
DOC NUMBER.....AD654092
INSTR...AF-19/628/05840
PROJECT/TASK.....8603/03

AFCHL 67-0318
AMERICAN OPTICAL COMPANY
MALLON BOWNE TELESCOPE FEASIBILITY STUDY AND DESIGN FINAL
REPORT AUG 1967
BY LANGOUD A
PHEVANSKIR T
WALTERS M
OAR ACCESS NO.....269680-001
DOC NUMBER.....AD655051
INSTR...AF-19/628/05150
PROJECT/TASK.....8651/05

AFCHL 67-0319
A S THOMAS INC
WAVE PROPAGATION IN A NON-MAXWELLIAN MAGNETOACTIVE
NONLINEAR PLASMA FINAL REPORT MAY 1967
BY THOMAS A S
OAR ACCESS NO.....271792-001
DOC NUMBER.....AD653988
INSTR...AF-19/628/05195
PROJECT/TASK.....4642/02

AFCHL 67-0321
LABORATOIRE DE SPECTROSCOPIE MOLECULAIRE
VIBRATIONAL ANALYSIS OF 13 SUB C 10 SUB O2
SCIENTIFIC REPORT NH 1 FEB 1967
BY CHELIN A
OAR ACCESS NO.....251231-001
DOC NUMBER.....AD657085
INSTR...AF-01/052/00911
PROJECT/TASK.....8603/03

AFCHL 67-0322
ISRAEL ATOMIC ENERGY COMMISSION
OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND /OPTICAL AND
ELECTRICAL PROPERTIES OF NON METALS/ FINAL REPORT FEB 1967
BY HALPERIN A
DAN V
CHEN R
LEVINSON J
OAR ACCESS NO.....250760-010
DOC NUMBER.....AD653201
INSTR...AF-01/052/00759
PROJECT/TASK.....5621/04

AFCHL 67-0323
KANSAS UNIVERSITY
SOME REMARKS ABOUT SPINWAVES AND ZERO SOUND IN LOW
TEMPERATURE LIQUID HE3
SCIENTIFIC REPORT NO 6 MAY 1967
BY SCHAPPERT G T
OAR ACCESS NO.....252671-008
DOC NUMBER.....AD654015
INSTR...AF-19/628/05833
PROJECT/TASK.....4645/02

AFCHL 67-0325
UNIVERSITY OF WASHINGTON
HIGH GAIN LOG-PERIODIC ANTENNAS
TECHNICAL REPORT NO 115 SCIENTIFIC REPORT NO 1 MAY 1967
BY CHEN Y S
ISHIMARU J
OAR ACCESS NO.....271602-001
DOC NUMBER.....AD659382
INSTR...AF-19/628/05879
PROJECT/TASK.....4600/10

AFCHL 67-0326
COLUMBIA UNIVERSITY
SHORT-PERIOD SEISMIC ENERGY RADIATION PATTERNS FROM
UNDERGROUND NUCLEAR EXPLOSIONS AND SMALL-MAGNITUDE
EARTHQUAKES
BULL SEISMOLOGICAL SOC OF AMERICA VOL 57 NO 2 PP 249-267
APRIL 1967
BY SUTTON G H
MITCHELLAS M
POMEROY P W
OAR ACCESS NO.....253181-001
DOC NUMBER.....AD654586
INSTR...AF-19/628/05058
PROJECT/TASK.....5652/01

AFCHL 67-0327
COLUMBIA UNIVERSITY
MECHANISM OF EARTHQUAKES AND NATURE OF FAULTING ON THE MID-
OCEANIC RIDGES
GEOPHYS RES VOL 72 NO 4 APRIL 15 1967 PP2131-2151
BY SYKES L H
OAR ACCESS NO.....272521-010
DOC NUMBER.....AD654587
INSTR...AF-19/628/04082
PROJECT/TASK.....8652/01

AFCL 67-0328
PENNSYLVANIA STATE UNIVERSITY
LOW ENERGY ELECTRONS ON A FIELD LINE WITH A POTENTIAL
MINIMUM
SCIENTIFIC REPORT NO 296 APR 1967
BY GREUGSKY J M
OAR ACCESS NO.....757711-016
DOC NUMBER.....AD653639
INSTR...AF-19/628/04014
PROJECT/TASK.....8605/02

AFCL 67-0329
AIR FORCE CAMBRIDGE RESEARCH LABS
WIND AND TEMPERATURE PROFILES FROM PROJECT WINDY ACRES
SPECIAL REPORTS NO 65 JUNE 1967
BY UNKNOWN
OAR ACCESS NO.....268090-008
DOC NUMBER.....AD658827
INSTR...AFCL-7658-01-01
PROJECT/TASK.....7658/01

AFCL 67-0329
HARVARD UNIVERSITY
TURBULENT SHOCK WAVES IN PLASMAS
PHYSICS OF FLUIDS VOL 10 NO 3 MAR 1967 PP947-964
BY TIDMAN D A
OAR ACCESS NO.....263873-001
DOC NUMBER.....AD657638
INSTR...AF-19/628/08744
PROJECT/TASK.....7649/06

AFCL 67-0330
AIR FORCE CAMBRIDGE RESEARCH LABS
NEW MODEL ATMOSPHERES GIVING LATITUDINAL AND SEASONAL
VARIATIONS IN THE THERMOSPHERE
AFSG NO 194 JUNE 1967
BY CHAMPION K S R
MARCOS F A
SLOWIC J
OAR ACCESS NO.....254080-003
DOC NUMBER.....AD655775
INSTR...AFCL-6690-03-01
PROJECT/TASK.....8690/03

AFCL 67-0331
TYCO LABORATORIES INC
ELECTRICITY IN DIMETHYL SULFOXIDE
REPRINTED FROM THE JOURNAL OF ELECTROANALYTICAL AND
INTERFACIAL CHEMISTRY VOL 14 PP 89-118 MAY 1967
BY DUTLER J M
OAR ACCESS NO.....257380-002
DOC NUMBER.....AD653238
INSTR...AF-19/628/05525
PROJECT/TASK.....8652/04

AFCL 67-0332
GENERAL ELECTRIC CO
DE-COUPLED MONOPULSE EXCITATIONS FOR MAXIMUM GAIN WITH
ARBITRARY SIDELOBE CONSTRAINTS
68707-SM-1 SCIENTIFIC REPORT NO 1 APR 1967
BY KINSEY W R
OAR ACCESS NO.....258450-001
DOC NUMBER.....AD655391
INSTR...AF-19/628/05905
PROJECT/TASK.....8683/03

AFCL 67-0333
NEW YORK UNIVERSITY
ACTIVE RC DELAY NETWORKS USING OPERATIONAL AMPLIFIERS
TECHNICAL REPORT 400-159 SIXTH SCIENTIFIC REPORT MAY 1967
BY ONEILL J F
OAR ACCESS NO.....250911-006
DOC NUMBER.....AD658020
INSTR...AF-19/628/05537
PROJECT/TASK.....8628/06

AFCL 67-0335
GCA CORP
EXTENSION TABLES FOR THE U S STANDARD ATMOSPHERE 1962
WITH SPECIAL ATTENTION TO THE CALCULATION OF GEOPOTENTIAL
GCA-TN-07-1-A SCIENTIFIC REPORT NO 3 JAN 1967
BY MINZEN H A
OAR ACCESS NO.....755110-005
DOC NUMBER.....AD655774
INSTR...AF-19/628/06055
PROJECT/TASK.....5710/00

AFCL 67-0336
UNIVERSITY OF UTAH
ROCKET INSTRUMENTATION FOR SOLAR ECLIPSE MEASUREMENTS 12
NOVEMBER 1966
UU-67-2 SCIENTIFIC REPORT NO 2 APR 1967
BY SFLJAARS K G
MURTI U A
OAR ACCESS NO.....254532-002
DOC NUMBER.....AD656342
INSTR...AF-19/628/05044
PROJECT/TASK.....7663/07

AFCL 67-0337
LABORATOIRE DE PHYSIQUE
IONOSPHERIC RESEARCHES USING SATELLITES
PROGRESS REPORT NO 13 APR 1967
BY VASSY E J
OAR ACCESS NO.....250120-001
DOC NUMBER.....AD653983
INSTR...AF-61/652/00761
PROJECT/TASK.....4643/02

AFCL 67-0338
NORTHEASTERN UNIVERSITY
DATA TRANSMISSION AND INSTRUMENTATION SYSTEMS FOR SPACE
VEHICLES FINAL REPORT APR 1967
BY ROCHEFORT J S
SUMY S
O CUNYON L J
GLAZIER A
OAR ACCESS NO.....266401-001
DOC NUMBER.....AD657207
INSTR...AF-19/628/02433
PROJECT/TASK.....7043/00

AFCL 67-0340
HARVARD UNIVERSITY
THE PARTIAL SHOCK WAVE
JOURNAL OF GEOPHYSICAL RESEARCH VOL 72 NO 7 1 APRIL 1967
PP1794-1808
BY TIDMAN D A
OAR ACCESS NO.....263873-002
DOC NUMBER.....AD658349
INSTR...AF-19/628/08744
PROJECT/TASK.....7649/06

AFCL 67-0342
MUGHER AIRCRAFT COMPANY
EIGENLEMENTS OF THE FINITE FOURIER TRANSFORM AND THEIR
APPLICATION TO ANTENNA PATTERN SYNTHESIS
MAC REF NO AS034 P67-93 SCIENTIFIC REPORT NO 8 DEC 1966
BY FONG T S
OAR ACCESS NO.....252290-008
DOC NUMBER.....AD659791
INSTR...AF-19/628/04349
PROJECT/TASK.....8600/10

AFCL 67-0344
MCGILL UNIVERSITY
A STRATOSPHERIC GENERAL CIRCULATION EXPERIMENT
STRESS AND DEFORMATION ANALYSIS OF FLEXIBLE BALLOONS FINAL
SCIENTIFIC REPORT NO 4 APR 1967
BY HYRON-SCOTT
OAR ACCESS NO.....272831-004
DOC NUMBER.....AD659558
INSTR...AF-19/628/04955
PROJECT/TASK.....8628/07

AFCL 67-0345
NEW YORK UNIVERSITY
STRESS AND DEFORMATION ANALYSIS OF FLEXIBLE BALLOONS FINAL
REPORT MAR 1967
BY KEHR A D
OAR ACCESS NO.....251040-003
DOC NUMBER.....AD658637
INSTR...AF-19/628/04990
PROJECT/TASK.....6665/01

AFCL 67-0346
HARVARD UNIVERSITY
RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION
OF SOLAR PHENOMENA FINAL REPORT MAY 1967
BY JFLL H
MENZEL D M
DEMASTUS M L
OAR ACCESS NO.....271771-015
DOC NUMBER.....AD656751
INSTR...AF-19/628/03322
PROJECT/TASK.....7649/06

AFCL 67-0347
STANFORD UNIVERSITY
AN INTEGRATED METEOR RADAR SYSTEM FOR WIND AND DENSITY
MEASUREMENTS IN THE UPPER ATMOSPHERE FINAL REPORT MAY 1967
BY NOWAK R
OAR ACCESS NO.....250570-003
DOC NUMBER.....AD658341
INSTR...AF-19/628/03996
PROJECT/TASK.....8628/08

AFCL 67-0348
RAYTHEON COMPANY SISD
STUDY OF ECM ANTENNA OPTIMIZATION FINAL REPORT MAR 1967
BY SFORZA P F
ROLFE E
SAMADAR S M
WELLS J G
OAR ACCESS NO.....257790-003
DOC NUMBER.....AD618448
INSTR...AF-19/628/05519
PROJECT.....8671

AFCL 67-0349
RAYTHEON COMPANY
STUDY OF ECM ANTENNA OPTIMIZATION U.S. FINAL REPORT MAR 1967
BY SFORZA P F
SAMADAR S M
WOLFE E
WELLS J G
OAR ACCESS NO.....257790-005
DOC NUMBER.....AD638726
INSTR...AF-19/628/05519
PROJECT/TASK.....8671/00

AFCL 67-0350
HLOCK ENGINEERING INC
STUDY OF FAR INFRARED ATMOSPHERIC TRANSMISSION FINAL
REPORT JUNE 1967
BY SMITH O H
DAR ACCESS NO.....273290-001
DDC NUMBER.....AD65431A
INSTR...AF-19/628/0547A
PROJECT/TASK.....7670/05

AFCL 67-0361
INNSBRUCK UNIVERSITY
PROPAGATION OF LONG ELF/THOMAGNETIC WAVES THROUGH ROCK
SCIENTIFIC REPORT NO 2 APR 1967
BY DITTELECH W
DAR ACCESS NO.....257301-001
DDC NUMBER.....AD654694
INSTR...AF-61/052/00902
PROJECT/TASK.....4600/10

AFCL 67-0351
AIR FORCE CAMBRIDGE RESEARCH LABS
CLASSICAL AND QUANTAL CALCULATIONS ON ELECTRON CAPTURE
PSRP NO 328 JUNE 1967
DAR ACCESS NO.....257301-001
DDC NUMBER.....AD654694
INSTR...AFCL-862H-05-01
PROJECT/TASK.....8627/06

AFCL 67-0362
INNSBRUCK UNIVERSITY
THE FREQUENCY DEPENDENCE OF THE DIELECTRIC CONSTANT AND
CONDUCTIVITY OF ROCK AND ITS RELATION TO QUANTITIES OF
ROCK FABRIC
SCIENTIFIC REPORT NO 3 APR 1967
BY DITTELECH W
DAR ACCESS NO.....257301-002
DDC NUMBER.....AD654733
INSTR...AF-61/052/00902
PROJECT/TASK.....4600/10

AFCL 67-0352
PHYSICAL STUDIES INC
CERTAIN COLLISIONS BETWEEN PROTONS AND DIATOMIC
MOLECULES FINAL REPORT MAY 1967
BY ORCENE H G JR
DAR ACCESS NO.....251772-001
DDC NUMBER.....AD655011
INSTR...AF-19/628/0517A
PROJECT/TASK.....5657/01

AFCL 67-0363
SYSTEM DEVELOPMENT CORP
ACQUISITION FACILITIES OF LANGUAGES
TM-73H/031/00 SCIENTIFIC REPORT NO 5 APR 1967
BY GINSBURG S
DAR ACCESS NO.....259400-004
DDC NUMBER.....AD657015
INSTR...F19628-67-C-000A
PROJECT/TASK.....5632/05

AFCL 67-0353
AIR FORCE CAMBRIDGE RESEARCH LABS
RANDOM SCATTERING OF QUASIMONOCROMATIC RADIATION IN A
LONG TRANSMISSION LINE
PSRP NO 329 JUNE 1967
BY POIRIER J L
DAR ACCESS NO.....257610-002
DDC NUMBER.....AD655789
INSTR...AFCL-4642-01-01
PROJECT/TASK.....4642/01

AFCL 67-0364
SYSTEM DEVELOPMENT CORP
A NOTE ON PRESERVATION OF LANGUAGES BY TRANADUCERS
TM-73H/032/00 SCIENTIFIC REPORT NO 6 MAY 1967
BY GINSBURG S
DAR ACCESS NO.....259400-005
DDC NUMBER.....AD657016
INSTR...F19628-67-C-000A
PROJECT/TASK.....5632/05

AFCL 67-0355
RADIO OBSERVATORY
IONOSPHERIC RESEARCH USING SATELLITES
ANNUAL SCIENTIFIC REPORT NO 2 FEB 1967
BY MASS J
DAR ACCESS NO.....252650-003
DDC NUMBER.....AD65539P
INSTR...AF-61/052/00837
PROJECT/TASK.....4643/02

AFCL 67-0365
SYLVANIA ELECTRIC PRODUCTS INC
RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODES
SCIENTIFIC REPORT NO 1 JUNE 1967
BY ASSMUS E F JR
DAR ACCESS NO.....258440-001
DDC NUMBER.....AD657016
INSTR...AF-19/628/0549B
PROJECT/TASK.....5628/01

AFCL 67-0356
FORSVARETS FORSKNING SINSTITUTT
TOTAL ELECTRON CONTENT MEASUREMENTS AT HIGH LATITUDES FINAL
REPORT JAN 1967
BY FRIMAGEN J
DAR ACCESS NO.....252470-001
DDC NUMBER.....AD654330
INSTR...AF-61/052/00860
PROJECT/TASK.....5624/01

AFCL 67-0366
FLORIDA STATE UNIVERSITY
THE DYNAMICS OF THE STRATOSPHERE DURING THE 1958 WARMING
SCIENTIFIC REPORT NO 2 JULY 1967
BY HUBMAN W A
DAR ACCESS NO.....250561-002
DDC NUMBER.....AD655780
INSTR...AF-19/628/04953
PROJECT/TASK.....8628/07

AFCL 67-0357
UNIVERSITY OF FLORENCE
MODES IN STABLE AND UNSTABLE REGIONS OF THE FLAT-MODE
OPEN RESONATOR
SCIENTIFIC REPORT NO 5 FEB 1967
BY TORALDO DI FRANCIA G
DAR ACCESS NO.....264723-006
DDC NUMBER.....AD654317
INSTR...AF-61/052/00871
PROJECT/TASK.....4645/02

AFCL 67-0367
FLORIDA STATE UNIVERSITY
THE EFFECT OF HAZE UPON UNKFM MEASUREMENTS
SCIENTIFIC REPORT NO 3 JULY 1967
BY DELUISE J J
DAR ACCESS NO.....250961-003
DDC NUMBER.....AD658007
INSTR...AF-19/628/04953
PROJECT/TASK.....8628/07

AFCL 67-0358
INNSBRUCK UNIVERSITY
THE METAL ANTENNA AND ITS PROBLEMS
SCIENTIFIC REPORT NO 1 MAY 1967
BY DITTELECH W
DAR ACCESS NO.....257301-003
DDC NUMBER.....AD654330
INSTR...AF-61/052/00902
PROJECT/TASK.....4600/10

AFCL 67-0368
AIR FORCE CAMBRIDGE RESEARCH LABS
ANGULAR RESOLUTION OF A PASSIVE TDO-ANTENNA SYSTEM
PSRP NO 330 JUN 1967
BY LAMBERS U H W
DAR ACCESS NO.....257301-002
DDC NUMBER.....AD616699L
INSTR...AFCL-5635-05-01
PROJECT/TASK.....5635/05

AFCL 67-0359
FORSVARETS FORSKNING SINSTITUTT
FIELD DISTRIBUTION IN CDS AS DETERMINED BY AN OPTICAL
PROBE
SCIENTIFIC REPORT NO 2 JAN 1967
BY FISSUN H J
DAR ACCESS NO.....258340-002
DDC NUMBER.....AD654339
INSTR...AF-61/052/00858
PROJECT/TASK.....8623/01

AFCL 67-0369
TUFTS UNIVERSITY
INVESTIGATION OF THE ULTRASONIC ATTENUATION IN IRRADIATED
METALS FINAL REPORT JUNE 1967
BY MCCARTHY K A
DAR ACCESS NO.....250630-001
DDC NUMBER.....AD662870
INSTR...AF-19/628/04029
PROJECT/TASK.....5620/02

AFCL 67-0360
STANFORD RESEARCH INSTITUTE
RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEM
SRI PROJECT 6001 SCIENTIFIC REPORT 1 MAY 1967
BY GREEN C C
DAR ACCESS NO.....258530-001
DDC NUMBER.....AD656789
INSTR...AF-19/628/05919
PROJECT/TASK.....4641/02

AFCL 67-0370
STANFORD RESEARCH INSTITUTE
RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEM
SRI PROJECT 6001 SCIENTIFIC REPORT 1 MAY 1967
BY GREEN C C
DAR ACCESS NO.....258530-001
DDC NUMBER.....AD656789
INSTR...AF-19/628/05919
PROJECT/TASK.....4641/02

APCRL 67-0371
CONTROL EQUIPMENT CORPORATION
INSTRUMENTATION AND TECHNIQUES FOR UPPER ATMOSPHERE
MEASUREMENTS FINAL REPORT JUNE 1967
BY ADAMS M E
DAR ACCESS NO.....75200-001
DDC NUMBER.....A0606393
INSTR...AF-19/628/01147
PROJECT/TASK.....0690/02

APCRL 67-0372
VITRO LABORATORIES
A SURVEY OF METHODS FOR CONTROLLING THE ALTITUDE OF FREE
BALLOONS WITH AIR BALLAST SYSTEMS
TECHNICAL NOTE 02057 02-1 SCIENTIFIC REPORT NO 1 1-PT 1967
BY JACKSON J P
DAVIDSON A R JR
BASSETT R E
DAR ACCESS NO.....250540-001
DDC NUMBER.....A0661281
INSTR...F1962R-67-C-0142
PROJECT/TASK.....0665/01

APCRL 67-0373
PENNSYLVANIA STATE UNIVERSITY
A SOLID STATE POLARIMETER SUITABLE FOR RECKET-DOWNE
IONOSPHERIC DIFFERENTIAL ANISOTROPY MEASUREMENTS
SCIENTIFIC REPORT NO 298/E/ MAY 1967
BY MARSHALL D M II
DAR ACCESS NO.....264393-001
DDC NUMBER.....A060921
INSTR...F1962R-67-C-0301
PROJECT.....5710

APCRL 67-0374
AIR FORCE CAMBRIDGE RESEARCH LABS
A SATELLITE-TO-SATELLITE HF IONOSPHERIC PROPAGATION
ENVIRONMENT STUDY
AFSG NO 195 JUNE 1967
BY VIDBERG J
WONG M S
DANIELS G M
DAR ACCESS NO.....254040-001
DDC NUMBER.....A060921
INSTR...AFCHL-4603-07-01
PROJECT/TASK.....4603/07

APCRL 67-0375
CASE INSTITUTE OF TECHNOLOGY
WAVE INTERACTION IN NONRELATIVISTIC ELECTRON BEAM-PLASMA
SYSTEMS
SCIENTIFIC REPORT NO 17 JULY 1967
BY OTTENI G A
DAR ACCESS NO.....265301-009
DDC NUMBER.....A064346
INSTR...AF-19/628/01699
PROJECT/TASK.....5635/04

APCRL 67-0376
CASE INSTITUTE OF TECHNOLOGY
THE STUDY OF COMPLEMENTARY POLYNOMIALS IN A NETWORK SENSE
SCIENTIFIC REPORT NO 1A JULY 1967
BY ALGHEI M M
DAR ACCESS NO.....265301-010
DDC NUMBER.....A0647047
INSTR...AF-19/628/01699
PROJECT/TASK.....5635/04

APCRL 67-0377
HARVARD UNIVERSITY
CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN
ELECTRICALLY THICK TUBULAR ANTENNA DRIVEN BY A VOLTAGE
ACROSS A FINITE GAP ON AN INFINITELY LARGE GROUND PLANE
SCIENTIFIC REPORT NO 17 25MILS 3/ MAY 1967
BY CHANG D C
DAR ACCESS NO.....271601-011
DDC NUMBER.....A064855
INSTR...AF-19/628/02400
PROJECT/TASK.....5635/02

APCRL 67-0378
HUGHES RESEARCH LABORATORIES
ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY II
COMPUTER EXPERIMENTS ON THE REFLECTION OF SLOW ELECTRONS
IN THE ELECTROSTATIC FIELD OF SURFACE PATCHES
SCIENTIFIC REPORT NO 4 JUNE 1967
BY HEIL M
DAR ACCESS NO.....267351-004
DDC NUMBER.....A0659130
INSTR...AF-19/628/04297
PROJECT/TASK.....0659/02

APCRL 67-0379
NEW YORK UNIVERSITY
FIXED-WIDTH-DURATION VARIABLE-DATA-RATE PROCEDURES FOR
FREEDOM COMMUNICATION SYSTEMS
TECHNICAL REPORT 400-110 SIXTH SCIENTIFIC REPORT MAY 1967
BY METZNER J J
MORGAN K C
DAR ACCESS NO.....269537-005
DDC NUMBER.....A0660126
INSTR...AF-19/628/04371
PROJECT/TASK.....0410/03

APCRL 67-0380
UNIVERSITY OF ROCHESTER
COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE
THEORY
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA VOL 57 MAY 1967
PP 613-617
DAR ACCESS NO.....253840-004
INSTR...AF-19/628/05082
PROJECT/TASK.....4645/02

APCRL 67-0381
FAIRCHILD SEMICONDUCTOR
RADIATION STUDY ON MOS STRUCTURES
SCIENTIFIC REPORT NO 3 AUG 1967
BY SHUB E M
GHOVE A S
FITZGERALD D J
DAR ACCESS NO.....258150-003
DDC NUMBER.....A0656878
INSTR...AF-19/628/05747
PROJECT/TASK.....4608/05

APCRL 67-0382
LOCKHEED MISSILES AND SPACE CO
NEW STUDIES OF THE BAND STRUCTURE OF THE DIAMOND-TYPE
CRYSTALS
PHYSICAL SOCIETY OF JAPAN PUBLISHED IN PROCEEDINGS OF THE
INTERNATIONAL CONFERENCE ON THE PHYSICS OF SEMICONDUCTORS
KYOTO 1966 VOL21 SUPP PP7-14 1966
BY HERMAN F
KUGLIN C D
KONTUM R L
SHENT R A
DAR ACCESS NO.....258360-001
DDC NUMBER.....A0650660
INSTR...AF-19/628/05750
PROJECT/TASK.....5620/08

APCRL 67-0383
UNIVERSITY OF WASHINGTON
TRANSIENT WAVE PROPAGATION IN A PLASMA
TECHNICAL REPORT NO 116 SCIENTIFIC REPORT NO 2 MAY 1967
BY RAD H L J
ISHIMARU A
DAR ACCESS NO.....271662-002
DDC NUMBER.....A0659788
INSTR...AF-19/628/05879
PROJECT/TASK.....4600/10

APCRL 67-0385
OHIO STATE UNIV RESEARCH FOUNDATION
ELECTRON TEMPERATURES OF IONIZED NEBULAE DERIVED FROM HB
AND RADII FLUX DENSITIES
THE ASTROPHYSICAL JOURNAL VOL 148 JUNE 1967 PP 927-929
BY KO M C
DAR ACCESS NO.....271925-003
DDC NUMBER.....A0655273
INSTR...AF-19/628/06145
PROJECT/TASK.....5629/01

APCRL 67-0386
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
RESEARCH DIRECTED TOWARD DETERMINATION OF RADIATIVE
PROPERTIES AND COMPOSITION OF THE ATMOSPHERE FINAL REPORT
APR 1967
BY SHAB J M
THUSTY J
FCHOD D
DAR ACCESS NO.....253341-002
DDC NUMBER.....A0658292
INSTR...AF-19/628/03806
PROJECT/TASK.....7670/03

APCRL 67-0387
FLORIDA STATE UNIVERSITY
DIENE DISTRIBUTION OVER TALLAHASSEE FLORIDA
GEOPHYSICAL RESEARCH VOL 72 NO 6 15 MARCH 1967 PP 1661-1665
BY CHAIG H A
DELUISI J J
STICKSEL P M
DAR ACCESS NO.....250561-004
DDC NUMBER.....A0660448
INSTR...AF-19/628/04953
PROJECT/TASK.....8628/07

APCRL 67-0388
FLORIDA STATE UNIVERSITY
COMPARISON OF CHEMILUMINESCENT AND ULTRAVIOLET OBSERVATIONS OF
OZONE
GEOPHYSICAL RESEARCH VOL 72 NO 6 15 MARCH 1967
BY CHAIG H A
DELUISI J J
STUETZER I
DAR ACCESS NO.....250561-005
DDC NUMBER.....A0660449
INSTR...AF-19/628/04953
PROJECT/TASK.....8628/07

APCRL 67-0389
STATE UNIVERSITY OF NEW YORK
DISPERION RELATIONS OF PERIODIC AND LOG-PERIODIC DIPOLE
ANTENNAS WITH PASSIVE ELEMENTS
TECHNICAL REPORT NO 42 SCIENTIFIC REPORT NO 3 JUNE 1967
BY SUN D E
KLEINWITZ R H
DAR ACCESS NO.....252240-003
DDC NUMBER.....A0662638
INSTR...AF-19/628/04144
PROJECT/TASK.....4600/04

AFCL 67-0390
UNIVERSAL CORPORATION FOR ATMOSPHERIC RESEARCH
SOLAR RESEARCH AND INSTRUMENTATION PROGRAMS AT SACRAMENTO
PEAK OBSERVATORY AND HIGH ALTITUDE OBSERVATORY FINAL REPORT
JUNE 1967
BY SMUTT R L
RATSON D K
OAR ACCESS NO.....263842-001
DOC NUMBER.....AD658425
INSTR...AF-19/628/04078
PROJECT/TASK.....7649/06

AFCL 67-0391
AIR FORCE CAMBRIDGE RESEARCH LABS
GEMINI VII 1-15 CRYOGENIC INTERFEROMETER CALIBRATIONS
INSTRUMENTATION PAPERS NO 126 JUNE 1966
BY NADILE M
MARCOTTE L
TUMHEM V
LOVEY J
OAR ACCESS NO.....254390-001
DOC NUMBER.....A0R1A374L
INSTR...AFCL-562-01-01
PROJECT/TASK.....5622/00

AFCL 67-0392
AIR FORCE CAMBRIDGE RESEARCH LABS
SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK
CALCULATORS PART I-THEORETICAL BACKGROUND AND APPLICATIONS
PNSRP NO 331 JUNE 1967
BY MAASE K M
OAR ACCESS NO.....254230-000
DOC NUMBER.....AD660501
INSTR...AFCL-562-06-01
PROJECT/TASK.....5624/06

AFCL 67-0393
AIR FORCE CAMBRIDGE RESEARCH LABS
SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK
CALCULATORS PART II-PROGRAM MANUAL
PNSRP NO 332 JUNE 1967
BY MAASE K M
OAR ACCESS NO.....254230-007
DOC NUMBER.....AD660504
INSTR...AFCL-562-06-01
PROJECT/TASK.....5624/06

AFCL 67-0394
KAMAN AIRCRAFT CORP
MATHEMATICAL/STATISTICAL TECHNIQUE TO ESTIMATE MAXIMUM
AEROSPACE VEHICLE RESPONSE TO WIND FINAL REPORT MAY 1967
BY BUELL E C
OAR ACCESS NO.....259131-001
DOC NUMBER.....AD655909
INSTR...AF-19/628/05170
PROJECT/TASK.....5624/02

AFCL 67-0395
IDEALAB INCORPORATED
INVESTIGATION AND CONTINUED DEVELOPMENT OF THE IDEALAB
FOURIER TRANSFORM ANALOG COMPUTER FINAL REPORT JUN 1967
BY MULLARD A H
OAR ACCESS NO.....75922-001
DOC NUMBER.....AD657360
INSTR...AF-19/628/05053
PROJECT/TASK.....7670/03

AFCL 67-0396
UNIVERSITY OF CALIFORNIA
GAIN COMPENSATED PHOTOLABRIMETER FOR AIRBORNE
MEASUREMENTS OF SKYLIGHT POLARIZATION
SCIENTIFIC REPORT NO 1 JUNE 1967
BY CHESEBROUGH G F
NAGARAJA RAD C R
DIDBLE D F
OAR ACCESS NO.....261033-001
DOC NUMBER.....AD658194
INSTR...F14628-07-C-0196
PROJECT/TASK.....7621/03

AFCL 67-0397
BRANDEIS UNIVERSITY
GENERALIZED MAGNETO-IONIC THEORY FOR STRONG ELECTRIC FIELDS
SCIENTIFIC REPORT 3 JUNE 1967
BY SAKSHI P M
OAR ACCESS NO.....251490-003
DOC NUMBER.....AD655704
INSTR...AF-19/628/04014
PROJECT/TASK.....5647/01

AFCL 67-0398
AIR FORCE CAMBRIDGE RESEARCH LABS
DEGRADATION OF IMAGERY FROM OPTICAL-MECHANICAL SCANNERS
MOISTURE CONDENSATION ON OPTICS
ERP NO 269 JUNE 1967
BY WILLIAMS M S
FENN R W
OAR ACCESS NO.....254930-001
DOC NUMBER.....AD6582730
INSTR...AFCL-7628-01-01
PROJECT/TASK.....7629/01

AFCL 67-0399
TECHNICAL OPERATIONS INC
LASER FOG DISORDERMETEN SYSTEM FINAL REPORT JUNE 1967
BY WARD J
OAR ACCESS NO.....273461-002
DOC NUMBER.....AD656487
INSTR...AF-19/628/03913
PROJECT/TASK.....7605/01

AFCL 67-0400
AIR FORCE CAMBRIDGE RESEARCH LABS
RADIO SCIENCE
SPECIAL ISSUE OF RADIO SCIENCE VOL 1 NO 10 OCTOBER 1966
PR129-1238
BY AARONS J
OAR ACCESS NO.....254100-007
DOC NUMBER.....AD658751
INSTR...AFCL-4643-02-01
PROJECT/TASK.....4643/02

AFCL 67-0401
UNIVERSITY OF ILLINOIS
IMAGING WITH COHERENT FIELDS
TECHNICAL REPORT NO 12 MAY 1967 ANTENNA LABORATORY REPORT
NO 67-3
BY MITTAL M
RANSON P L
OAR ACCESS NO.....273130-000
DOC NUMBER.....AD659168
INSTR...AF-19/628/03819
PROJECT/TASK.....5635/02

AFCL 67-0402
SYNACUS UNIVERSITY
MAXIMISATION OF DIRECTIVE GAIN FOR CIRCULAR AND ELLIPTICAL
ARRAYS
PROCEEDINGS OF THE IEE (ENGLAND) VOL 114 NO 3 PP 569-574
MAY 1967
BY CHENG D K
TSENG F I
OAR ACCESS NO.....258110-002
DOC NUMBER.....AD657534
INSTR...AF-19/628/05668
PROJECT/TASK.....5683/03

AFCL 67-0403
HARVARD UNIVERSITY
THEORETICAL STUDY OF DIPOLE ARRAY OF N PARALLEL ELEMENTS
SCIENTIFIC REPORT NO 18 MAY 1967 CSERIES 38
BY CHANG V M
KING R W
OAR ACCESS NO.....271681-010
DOC NUMBER.....AD658030
INSTR...AF-19/628/02406
PROJECT/TASK.....5635/02

AFCL 67-0405
LOCKHEED MISSILES AND SPACE CO
PHOTOMISSILE STUDY OF THE ELECTRONIC STRUCTURE OF CODE
PHYSICAL REVIEW LETTERS VOL 18 NO 16 PP649-654 APRIL 17
1967
BY SMAY J L
SPICER W E
MERMAN F
OAR ACCESS NO.....258260-002
DOC NUMBER.....AD656365
INSTR...AF-19/628/05750
PROJECT/TASK.....5620/08

AFCL 67-0406
HARVARD UNIVERSITY
AN EXPERIMENTAL STUDY OF AN ELECTRICALLY THICK TUBULAR
MINIATURE ANTENNA DRIVEN BY A COAXIAL TRANSMISSION LINE
SCIENTIFIC REPORT NO 19 /SERIES 3/ JUNE 1967
BY CHANG D C
OAR ACCESS NO.....271681-012
DOC NUMBER.....AD658030
INSTR...AF-19/628/02406
PROJECT/TASK.....5635/02

AFCL 67-0407
NORTHEASTERN UNIVERSITY
HOTIUM LINEAR INTERPOLATION OF SAMPLED FUNCTIONS
COMMUNICATION THEORY GROUP REPORT NO 7 SCIENTIFIC REPORT NO
1 APR 1967
BY SCHETZEN M
OAR ACCESS NO.....272592-001
DOC NUMBER.....AD658662
INSTR...F19628-07-C-0112
PROJECT/TASK.....4610/03

AFCL 67-0408
NEW YORK UNIVERSITY
FEDBACK COMMUNICATION SYSTEMS II FINAL REPORT NOV 1967
BY METZEN J J
OAR ACCESS NO.....259532-007
DOC NUMBER.....AD660441
INSTR...AF-19/628/04321
PROJECT/TASK.....4610/03

AFCL 67-0409
AIR FORCE CAMBRIDGE RESEARCH LABS
RADIOMETRIC OBSERVATIONS OF THE PLANETS JUPITER VENUS AND
MARS AT A WAVELENGTH OF 6.6 MILLIMETERS
ERP NO 270 JULY 1967
BY KALACHAN P M
WULFSBERG K N
OAR ACCESS NO.....256510-001
DOC NUMBER.....AD659744
INSTR...AFCL-8642-01-01
PROJECT/TASK.....5682/01

AFCL 67-0410
PHYSIKALISCH-METEOROLOGISCHES OBSERVATORIUM
A NEW SPECTROPHOTOMETER FOR MEASURING ULTRAVIOLET SKY
BRIGHTNESS AND DIRECT SOLAR RADIATION FINAL REPORT APR 1967
BY HENR D
OAR ACCESS NO.....264351-001
DOC NUMBER.....AD655304
INSTR...AF-61/052/00618
PROJECT/TASK.....7621/03

AFCL 67-0411
ELECTRO-MECHANICS COMPANY
A FEASIBILITY STUDY OF A COMPONENT GRADIENTMETER FOR
SCIENTIFIC REPORT NO 1 MAY 11 1967
BY PLUMBY R K
GARRETT K S
MORRIS F J
OAR ACCESS NO.....761302-001
DOC NUMBER.....AD34314L
INST.....AF-19/628/06151
PROJECT/TASK.....0000/1

AFCL 67-0412
BOLT BEHNER AND NEWMAN INC
EFFECTIVENESS OF INFORMATION RETRIEVAL METHODS
R&D REPORT NO 1807 SCIENTIFIC REPORT NO 4 JUNE 1967
BY SWETS J A
OAR ACCESS NO.....251080-00M
DOC NUMBER.....AD656140
INST.....AF-19/628/05065
PROJECT/TASK.....H068/00

AFCL 67-0413
MELPAW INC
INVESTIGATION OF SPEECH PROCESSING STUDIES FINAL REPORT
OCT 1967
BY RICHTER B J JR
KING D C
SHINGLER K H
MAGAN T B JR
OAR ACCESS NO.....272441-00P
DOC NUMBER.....AD62144M
INST.....AF-19/628/04032
PROJECT/TASK.....4610/00

AFCL 67-0414
PRINCETON UNIVERSITY
APPLICATIONS OF THE SOLID AND LIQUID STATE CONCEPTS FOR
MACROMOLECULAR SYSTEMS FINAL REPORT JUNE 1967
BY WINTERKORN H F
OAR ACCESS NO.....250301-00P
DOC NUMBER.....AD657335
INST.....AF-19/628/05405
PROJECT/TASK.....7624/04

AFCL 67-0415
THE ELECTRO-MECHANICS COMPANY
DEVELOPMENT OF TECHNIQUES FOR GEMMAGNETIC FIELD
MEASUREMENTS RECORDING AND AUTOMATIC RECORD DIGITIZING
FINAL REPORT MAR 1967
BY WATERS R L
MORRIS F J
OAR ACCESS NO.....761301-001
INST.....AF-19/628/02415
PROJECT/TASK.....0601/02

AFCL 67-0416
KIRUNA GEOPHYSICAL OBSERVATORY
AURORAL ZONE IONOSPHERIC RESEARCH FINAL REPORT MAY 1967
BY LISZKA L
OAR ACCESS NO.....262262-006
DOC NUMBER.....AD655393
INST.....AF-61/02/00670
PROJECT/TASK.....4643/02

AFCL 67-0417
ELECTRO-MECHANICS CO
A FEASIBILITY STUDY OF A COMPONENT GRADIENTMETER
SCIENTIFIC REPORT NO 1 PART 1 MAY 1967
BY FLANNERY B T
HUGHANAN M T
MORRIS G F
MORRIS F J
OAR ACCESS NO.....761302-00P
DOC NUMBER.....AD18724L
INST.....AF-19/628/06151
PROJECT/TASK.....0000/1

AFCL 67-0418
PENNSYLVANIA STATE UNIVERSITY
D-REGION PROCESSES IN MIDDLE-LATITUDE
SCIENTIFIC REPORT NO 243 JUNE 1967
BY MITHA A P
OAR ACCESS NO.....267711-01P
DOC NUMBER.....AD658400
INST.....AF-19/628/04014
PROJECT/TASK.....4605/02

AFCL 67-0419
CASE INSTITUTE OF TECHNOLOGY
PROPAGATION IN WAVESGUIDES FILLED WITH WARM PLASMA
SCIENTIFIC REPORT NO 16 JUNE 1967
BY NIELL P W
OAR ACCESS NO.....265301-001
DOC NUMBER.....AD658424
INST.....AF-19/628/01119
PROJECT/TASK.....0031/04

AFCL 67-0420
UNIVERSITY OF DAYTON
A DIGITAL AIRBORNE METEOROLOGICAL DATA COLLECTION
SYSTEM
ORNL-TH-67-124 SCIENTIFIC REPORT NO 1 JUNE 1967
BY KAHLE D A
OAR ACCESS NO.....265043-001
DOC NUMBER.....AD658465
INST.....AF-19/628-07-C-0103
PROJECT/TASK.....0020/01

AFCL 67-0421
SOUTHWEST CENTER FOR ADVANCED STUDIES
MONT CARLO CALCULATIONS OF LIGHT SCATTERING FROM CLOUDS
SCIENTIFIC REPORT NO 2 MAY 1967
BY PLASS G N L
KATTAWAR G W
OAR ACCESS NO.....253080-002
DOC NUMBER.....AD657363
INST.....AF-19/628/05039
PROJECT/TASK.....4076/04

AFCL 67-0425
UNIVERSITY OF MINNESOTA
AFTERGLOW STUDIES IN NITROGEN
SCIENTIFIC REPORT NO 1 JULY 1967
BY LUND H E
OSKAM H J
OAR ACCESS NO.....251090-001
DOC NUMBER.....AD657358
INST.....AF-19/628/04794
PROJECT/TASK.....4642/03

AFCL 67-0424
BOSTON COLLEGE
ASPECT OF A ROCKET FROM MAGNETOMETER DATA FINAL REPORT
JUNE 1967
BY MANCINI R J
SULLIVAN B P
OAR ACCESS NO.....271472-002
DOC NUMBER.....AD664911
INST.....AF-19/628/04178
PROJECT/TASK.....5710/00

AFCL 67-0425
PENNSYLVANIA STATE UNIVERSITY
IONOSPHERIC RESEARCH FINAL REPORT JUNE 1967
BY SELIGA T A
OAR ACCESS NO.....264392-005
DOC NUMBER.....AD658040
INST.....AF-19/628/04050
PROJECT/TASK.....7663/03

AFCL 67-0426
MARTIN MARIETTA CORPORATION
GEOPHYSICAL CONSTANT DETERMINATION FROM SATELLITE
OBSERVATIONS FINAL REPORT JUNE 1967
BY MINKA K
CLEMENZ H E
FEIN J
OAR ACCESS NO.....752270-003
DOC NUMBER.....AD667361
INST.....AF-19/628/04167
PROJECT/TASK.....

AFCL 67-0427
GENERAL ELECTRIC COMPANY
NEW SOLID-STATE DEVICE CONCEPTS
S-67-1105 SCIENTIFIC REPORT NO 8 JUNE 1967
BY AVEN M
HALL R N
GARWACKI W
RICHARDSON J R
OAR ACCESS NO.....264042-007
DOC NUMBER.....AD657023
INST.....AF-19/628/04976
PROJECT/TASK.....4608/05

AFCL 67-0428
SOUTHWEST CENTER FOR ADVANCED STUDIES
INFLUENCE OF PARTICLE SIZE DISTRIBUTION ON REFLECTED AND
TRANSMITTED LIGHT FROM CLOUDS
SCIENTIFIC REPORT NO 3 AUG 1967
BY KATTAWAR G W
PLASS G N
OAR ACCESS NO.....253080-007
DOC NUMBER.....AD660604
INST.....AF-19/628/05039
PROJECT/TASK.....4076/04

AFCL 67-0429
MICHIGAN STATE UNIVERSITY
MODIFICATION OF BACKSCATTERING OF A LIDAR BY
IMPEDANCE LOADING
SCIENTIFIC REPORT NO 3 MAY 1967
BY LIN J L
CHEN K M
OAR ACCESS NO.....256330-003
DOC NUMBER.....AD657799
INST.....AF-19/628/05732
PROJECT/TASK.....5635/02

AFCL 67-0430
AIR FORCE CAMBRIDGE RESEARCH LABS
SINGLE TEE AND PI TWO-POINTS RESISTIVELY TERMINATED AND
HAVING A PRESCRIBED DRIVING-POINT IMPEDANCE
PAPER NO 333 JULY 1967
BY HAASE K H
OAR ACCESS NO.....254230-008
DOC NUMBER.....AD661506
INST.....AF-19/628-06-01
PROJECT/TASK.....5628/06

AFCL 67-0431
NORTHEASTERN UNIVERSITY
STUDIES OF AIGLOW AND AURORA PHENOMENA USING
INSTRUMENTATION TECHNIQUES FINAL REPORT MAR 1967
BY NARUON L J
OAR ACCESS NO.....272461-005
DOC NUMBER.....AD658466
INST.....AF-19/628/03876
PROJECT/TASK.....7661/02

APCRL 67-0432
NEW YORK UNIVERSITY
STATISTICAL DESCRIPTION OF A CLASS OF NONGAUSSIAN
CHANNELS USING EXPANSIONS BASED ON THE LOGNORMAL
DISTRIBUTION
TECHNICAL REPORT 400 162 SEVENTH SCIENTIFIC REPORT JUNE
1967
BY KLOSE D R
KURZ L
DAN ACCESS NO.....249532-006
DOC NUMBER.....AD600A07
INSTR...AF-19/620/0432
PROJECT/TASK.....4610/03

APCRL 67-0433
UNIVERSITY OF DAYTON
REPORT ON HIGH ALTITUDE HOBI FLIGHTS OCTOBER 1966
UDMT-TR-67-132 SCIENTIFIC REPORT NO 1 MAY 1967
BY ENGLER N A
DAN ACCESS NO.....267801-001
DOC NUMBER.....AD657810
INSTR...AF-19/620/0433
PROJECT/TASK.....1682/04

APCRL 67-0434
SYSTEM DEVELOPMENT CORPORATION
THE EQUIVALENCE OF CONTEXT LIMITED GRAMMARS TO CONTEXT
FREE GRAMMARS
SCIENTIFIC REPORT NO 4 JAN 1967
BY HIRSHARD T N
DAN ACCESS NO.....254400-006
DOC NUMBER.....AD657317
INSTR...AF-19/620/0434
PROJECT/TASK.....5632/05

APCRL 67-0435
AIR FORCE CAMBRIDGE RESEARCH LABS
CLEAR LINES-OF-SIGHT FROM AIRCRAFT
AUGUST 1967 AF5G NO 196
BY BERTONI E A
DAN ACCESS NO.....254750-012
DOC NUMBER.....AD657801
INSTR...AF-19/620/0435
PROJECT/TASK.....H624/01

APCRL 67-0436
AIR FORCE CAMBRIDGE RESEARCH LABS
THE CONVERSION OF CUBIC TO HEXAGONAL SILICON CARBIDE AS A
FUNCTION OF TEMPERATURE AND PRESSURE
PSRP NO 336 AUG 1967
BY RYAN C E
MARSHALL D C
HAWLEY J J
BERMAN I
CONSIDINE D P
DAN ACCESS NO.....250130-003
DOC NUMBER.....AD661563
INSTR...AF-19/620/0436
PROJECT/TASK.....5620/06

APCRL 67-0437
PENNSYLVANIA STATE UNIVERSITY
RESEARCH IN THE FIELD OF HIGH RESOLUTION INFRARED
SPECTROSCOPY FINAL REPORT JAN 1967
BY MCCORDEN T A JR
DAN ACCESS NO.....251250-001
DOC NUMBER.....AD660402
INSTR...AF-19/620/0437
PROJECT/TASK.....8601/01

APCRL 67-0438
THE CATHOLIC UNIVERSITY OF AMERICA
A STUDY OF LINE SHAPE FOR CO INFRARED EMISSION LINES
FINAL REPORT JUNE 1967
BY BENEDICT W S
QUINN J W
DOWLING J A
SILVERMAN S
DAN ACCESS NO.....264281-001
DOC NUMBER.....AD657774
INSTR...AF-19/620/0438
PROJECT/TASK.....8601/03

APCRL 67-0439
MARTIN MARITZ CORPORATION
OBSERVATION SYSTEM BIAS ESTIMATION FROM SATELLITE
OBSERVATIONS FINAL REPORT AUG 1967
BY HINKA K
FEIN J
CLIFFORD M E
DAN ACCESS NO.....752270-004
DOC NUMBER.....AD657811
INSTR...AF-19/620/0439
PROJECT/TASK.....4400/04

APCRL 67-0440
STATE UNIVERSITY OF NEW YORK
ELECTROMAGNETIC RADIATION FROM QUASI-PERIODIC STRUCTURES
FINAL REPORT JULY 1967
BY KIEHUNTZ M H
DAN ACCESS NO.....260240-004
DOC NUMBER.....AD657811
INSTR...AF-19/620/0440
PROJECT/TASK.....4400/04

APCRL 67-0441
UNIVERSITY OF LEIDS
WAVE PROPAGATION ALONG PERIODIC STRUCTURES AND PLASMA SLABS
FINAL REPORT MAY 1967
RESEARCH REPORT NO LUX-67/0705
BY KING J S L
CLANICATIS P J B
DAN ACCESS NO.....242310-001
DOC NUMBER.....AD657774
INSTR...AF-61/052/0070
PROJECT/TASK.....4400/04

APCRL 67-0442
UNIVERSITY OF GOTTINGEN
INVESTIGATIONS ON THE ROLE OF ELECTRON CARRIERS IN
PHOTOSYNTHESIS IN CELL-FREE SYSTEMS FINAL REPORT MAY 1967
BY TREBST A
DAN ACCESS NO.....281620-003
DOC NUMBER.....AD657039
INSTR...AF-61/052/00716
PROJECT/TASK.....8659/03

APCRL 67-0443
QUEEN'S UNIVERSITY
ORBITAL PROFILES OF THE 5577 A AIRGLOW
REPRINTED FROM PLANETARY SPACE SCI 1966 PP 1331 TO 1337 REPORT
NO 14
BY HAYS W H
WALKER J C G
DAN ACCESS NO.....273410-021
DOC NUMBER.....AD657266
INSTR...AF-61/052/00716
PROJECT/TASK.....4627/06

APCRL 67-0444
GLA CORPORATION
STANDARD ATMOSPHERIC SUPPLEMENTS 1965 FINAL REPORT JULY
1967
BY HINZCH A A
DAN ACCESS NO.....755110-004
DOC NUMBER.....AD659160
INSTR...AF-19/620/00085
PROJECT/TASK.....5710/00

APCRL 67-0445
AIR FORCE CAMBRIDGE RESEARCH LABS
A STUDY OF SOME FACTORS WHICH INFLUENCE THE GROWTH OF
CURVED CHLORIDE IN SILICA GEL
PSRP NO 334 JULY 1967
BY JAMINGTON A F
DIERFING W A
O CONNOR J J
DAN ACCESS NO.....256120-009
INSTR...AF-19/620/05-01
PROJECT/TASK.....5620/05

APCRL 67-0446
AIR FORCE CAMBRIDGE RESEARCH LABS
ELECTRIC PHENOMENA IN A HIGH CURRENT 20 NANOSECOND SPARK
PSRP NO 335 JULY 1967
BY FISCHER H
GALLAGHER C C
DAN ACCESS NO.....250370-004
DOC NUMBER.....AD658825
INSTR...AF-19/620/04-01
PROJECT/TASK.....5634/01

APCRL 67-0447
JOHNS HOPKINS UNIVERSITY
EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON
SEISMIC WAVE PROPAGATION
ANNUAL REPORT NO 1 JUNE 1967
BY BLANEY J I
DE VANE J F
DAN ACCESS NO.....253091-001
DOC NUMBER.....AD658206
INSTR...AF-19/620/00067
PROJECT/TASK.....8652/07

APCRL 67-0448
UNIVERSITY OF DENVER
INFRARED RADIANCE TO SELECTED THERMAL FEATURES AS VIEWED
FROM HIGH ALTITUDE
SCIENTIFIC REPORT NO 1 JULY 1967
BY MURCHAY D G
MURCHAY R H
WILLIAMS W J
DAN ACCESS NO.....252620-001
DOC NUMBER.....AD658866
INSTR...AF-19/620/04747
PROJECT/TASK.....8602/02

APCRL 67-0449
COLUMBIA UNIVERSITY
OPERATION OF A LONG PERIOD SEISMOGRAPH NETWORK UTILIZING
MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON
MAGNETIC TAPE FINAL REPORT JULY 1967
BY POMEROY P W
DAN ACCESS NO.....251061-002
DOC NUMBER.....AD657324
INSTR...AF-19/620/05058
PROJECT/TASK.....6652

APCRL 67-0450
SMITHSONIAN CENTER FOR ADVANCED STUDIES
INFLUENCE OF SINGLE SCATTERING ALBEDO ON REFLECTED AND
TRANSMITTED LIGHT FROM CLOUDS
SCIENTIFIC REPORT NO 4 JULY 1967
BY PLAYS G N
KATTARAN G N
DAN ACCESS NO.....253050-004
DOC NUMBER.....AD658830
INSTR...AF-19/620/05039
PROJECT/TASK.....4076/04

APCRL 67-0451
MARTIN MARITZ CORPORATION OF AMERICA
TRACE ANALYSIS OF SOLIDS BY MASS SPECTROMETRY FINAL REPORT
JULY 1967
BY HENIG D J
DAN ACCESS NO.....268061-002
DOC NUMBER.....AD657324
INSTR...AF-19/620/05106
PROJECT/TASK.....4400/02

APCRL 67-0462
THE ELECTRO-MECHANICS COMPANY
GEOMAGNETIC OBSERVATIONS OF 1962 HIGH ALTITUDE NUCLEAR
TESTS /U/ FINAL REPORT MAR 1967
BY WATERS N L
CARRELL J C
MORRIS P J
OAR ACCESS NO.....761301-002
DOC NUMBER.....AUS84402L
INSTR...AF-19/628/02815
PROJECT/TASK.....0401/02

APCRL 67-0462
STANFORD RESEARCH INSTITUTE
INDUCTIVE INFERENCE RESEARCH STATUS SPRING 1967 FINAL
REPORT JULY 1967
BY SOLOMONOFF R J
OAR ACCESS NO.....258610-001
DOC NUMBER.....AD667610
INSTR...AF-19/628/05975
PROJECT/TASK.....0632/08

APCRL 67-0463
AIR FORCE CAMBRIDGE RESEARCH LABS
A NOTE ON ASYNCHRONOUS QUENCHING
PSRP NO 337 AUG 1967
BY DEWAN E M
OAR ACCESS NO.....254200-004
DOC NUMBER.....AD6623M1
INSTR...AFCL-6624-02-01
PROJECT/TASK.....0628/02

APCRL 67-0463
STANFORD RESEARCH INSTITUTE
PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE
SMT PROJECT NO 5876 SCIENTIFIC REPORT NO 3 JULY 1967
BY ELSPAS D
KAUTZ W H
GILCREG J
STONE H S
JACKSON C L
OAR ACCESS NO.....251931-003
DOC NUMBER.....AD668032
INSTR...AF-19/628/05828
PROJECT/TASK.....0641/01

APCRL 67-0464
AIR FORCE CAMBRIDGE RESEARCH LABS
THE EFFECT OF A FOREGROUND RIDGE ON THE GAIN AND PATTERN OF
AN ANTENNA
PSRP NO 338 AUG 1967
BY SCHWELL A C
STROM J A
OAR ACCESS NO.....257520-007
DOC NUMBER.....AD664007
INSTR...AFCL-6600-10-01
PROJECT/TASK.....0600/10

APCRL 67-0464
SCOUTPOST CENTER FOR ADVANCED STUDIES
RADIATION FROM NONISOTHERMAL GASES
SCIENTIFIC REPORT NO 3 JUNE 1967
BY PLASS G N
OAR ACCESS NO.....283050-003
DOC NUMBER.....AD657800
INSTR...AF-19/628/08019
PROJECT/TASK.....0676/04

APCRL 67-0465
UNIVERSITY OF CALIFORNIA
A STUDY OF FUNDAMENTAL FACTORS PERTINENT TO MICROBIOLOGICAL
WASTE CONVERSION IN CONTROL OF ISOLATED ENVIRONMENTS FINAL
REPORT SEPT 1966
BY SHLEP G
GOLDFE C G
OSWALD W J
GEE H K
OAR ACCESS NO.....251610-002
DOC NUMBER.....AD664921
INSTR...AF-19/628/02462
PROJECT/TASK.....0659/03

APCRL 67-0465
INTERNATIONAL BUSINESS MACHINES CORPORATION
PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS
SCIENTIFIC REPORT NO 1 AUG 1967
BY COURY L
KIM K S
OAR ACCESS NO.....750051-001
DOC NUMBER.....AD657333
INSTR...AF-19/628/06068

APCRL 67-0466
CONNELL AERONAUTICAL LABORATORY INC
STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/
UB-2394-F-2 QUARTERLY TECHNICAL REPORT NO 2 JULY 1967
BY ANDRE S N
OAR ACCESS NO.....268622-002
INSTR...F1962U-67-C-0104
PROJECT/TASK.....0671

APCRL 67-0467
MONEYWELL INC
LOW FREQUENCY ELECTRIC FIELD CHARACTERISTICS OF CLEAR AIR
TURBULENCE FINAL REPORT JULY 1967
BY TEMBROFF W W
SEASHORE C W
OAR ACCESS NO.....252121-001
DOC NUMBER.....AD658875
INSTR...AF-19/628/05403
PROJECT/TASK.....0620/03

APCRL 67-0468
PENNSYLVANIA STATE UNIVERSITY
A SUMMARIZATION OF TECHNICAL AND SCIENTIFIC REPORTS ISSUED
BY THE IONOSPHERE RESEARCH LABORATORY - PAPERS PRESENTED
AND PUBLISHED - SUBSEQUENT TO SCIENTIFIC REPORT NO 200
SCIENTIFIC REPORT NO 300 JUNE 1967
BY WAYNICK A H
OAR ACCESS NO.....267711-018
DOC NUMBER.....AD658004
INSTR...AF-19/628/04014
PROJECT/TASK.....0605/02

APCRL 67-0467
MAG KAFKAFIAN ASSOCIATES
A STUDY OF DISCRETE PROPAGATION-BASED MODELS FOR PICTORIAL
PATTERN ANALYSIS FINAL REPORT JUNE 1967
BY ROSENFELD A
PFALTZ J L
KAFKAFIAN H
OAR ACCESS NO.....258660-001
DOC NUMBER.....AD659158
INSTR...AF-19/628/05049
PROJECT/TASK.....0645/03

APCRL 67-0468
AIR FORCE CAMBRIDGE RESEARCH LABS
ON THE ACCURACY OF CERTAIN APPROXIMATIONS FOR THE CHAPMAN
FUNCTION
EMP NO 272 AUG 1967
BY SWIDEN W
GARONEN M E
OAR ACCESS NO.....255530-004
DOC NUMBER.....AD658826
INSTR...AFCL-6605-09-01
PROJECT/TASK.....0605/09

APCRL 67-0469
PAWKE MATHEMATICAL LABORATORIES INC
THEORETICAL ANALYSIS OF A SECONDARY EMISSION EXPERIMENT
ON INSULATORS
SCIENTIFIC REPORT NO 7 JULY 1967
BY SHERMAN C H
GORDON N E
OAR ACCESS NO.....250610-001
DOC NUMBER.....AD658831
INSTR...AF-19/628/02419
PROJECT/TASK.....0620/02

APCRL 67-0470
UNIVERSITY OF NEW HAMPSHIRE
BAROMETRIC COEFFICIENT FOR COSMIC-RAY NEUTRON MONITORS
SCIENTIFIC REPORT NO 5 AUG 1967
BY LOCKWOOD J A
KAPLAN J
OAR ACCESS NO.....263421-002
DOC NUMBER.....AD664415
INSTR...AF-19/628/02352
PROJECT/TASK.....0600/07

APCRL 67-0471
ATMOSPHERIC RESEARCH & DEVELOPMENT CORP
THUNDERSTORM PENETRATIONS OF THE TROPOPAUSE A CLIMATOLOGY
AND A METHOD OF ESTIMATION FINAL REPORT AUG 1967
BY LONG W J
OAR ACCESS NO.....269631-002
DOC NUMBER.....AD661598
INSTR...AF-19/628/05189
PROJECT/TASK.....0624/01

APCRL 67-0472
NEW YORK UNIVERSITY
ANALYSIS AND SYNTHESIS OF NETWORKS USING RESONATORS
COMPATIBLE WITH INTEGRATED ELECTRONICS
TECHNICAL REPORT 600-101 SEVENTH SCIENTIFIC REPORT JUNE
1967
BY ONEILL J F
OAR ACCESS NO.....250911-007
DOC NUMBER.....AD661269
INSTR...AF-19/628/05537
PROJECT/TASK.....0628/06

APCRL 67-0473
GENERAL ELECTRIC COMPANY
STUDY TO OBTAIN DESIGN DATA FOR HEENTRY PCM ANTENNA SYSTEMS
GE REPORT #P505212 JUNE 1967 FIRST QUARTERLY TECHNICAL
REPORT VOL 1 OF 2

BY HISING P F
JORDAN A K
MCNEMAN O L
MACHUK W
SCHREK P M

DAIR ACCESS NO.....250220-001
DOC NUMBER.....AD680329
INSTH...F14624-67-C-0210
PROJECT.....M671

APCRL 67-0474
GENERAL ELECTRIC COMPANY
STUDY TO OBTAIN DESIGN DATA FOR HEENTRY PCM ANTENNA
SYSTEMS /U/
GE REPORT #P505212A - VOL 11 OF 2 FIRST QUARTERLY TECHNICAL
REPORT JUNE 1967

BY HISING P F
KINKAD W K
SCHREK P M

DAIR ACCESS NO.....250220-002
DOC NUMBER.....AD680329A
INSTH...F14624-67-C-0210
PROJECT.....M671

APCRL 67-0475
AIR FORCE CAMBRIDGE RESEARCH LABS
SHEAR STRENGTH OF TWELVE GRISTLY DEFORMED METALS AT HIGH
PRESSURES AND TEMPERATURES
ERP NO 273 AUG 1967

BY RIECKEN W E
TOMLE L C
MOOREY T P

DAIR ACCESS NO.....250080-008
DOC NUMBER.....AD680347
INSTH...AFCHL-7614-35-01
PROJECT/TASK.....7614/05

APCRL 67-0476
AIR FORCE CAMBRIDGE RESEARCH LABS
FOR RADAR SIGNATURE ANALYSIS BASED ON MEASURED
DIFFERENTIAL PHASE SHIFTS IN TARGET SCATTERING AT TWO
HARMONIC FREQUENCIES
RAMP NO 339 AUG 1967

BY GOGGINS W B JR
BLACKSMITH P
BLITTEN C J

DAIR ACCESS NO.....254210-003
DOC NUMBER.....AD680348
INSTH...AFCHL-5633-05-01
PROJECT/TASK.....5633/06

APCRL 67-0477
UNIVERSITY OF NEW HAMPSHIRE
DIFFERENTIAL RESPONSE AND SPECIFIC FIELD FUNCTIONS OF
COSMIC-RAY NEUTRON MONITORS
JOURNAL OF GEOPHYSICAL RESEARCH VOL 72 NO 13 1 JULY 1967
PP 3395-3402

BY LOCKWOOD J A
WEBSTER W W

DAIR ACCESS NO.....261421-003
DOC NUMBER.....AD680416
INSTH...AF-19/628/02352
PROJECT/TASK.....6804/07

APCRL 67-0478
UNIVERSITE DE LIEGE
THE SPECTRUM IN THE 557 AND 6300 Å REGIONS
PLANET SPACE SCI 1967 VOL 15 NO 3 PP 945-949 MAY 1967

BY ROLAND G
DELBOUTILLE L

DAIR ACCESS NO.....273402-002
DOC NUMBER.....AD680511
INSTH...AF-61/052/00645
PROJECT/TASK.....6805/02

APCRL 67-0479
UNIVERSITE DE LIEGE
NITROGEN LINES IN THE INFRARED FRAUNHOFER SPECTRUM
SCIENTIFIC REPORT NO 1 1966

BY SWENSSON J W

DAIR ACCESS NO.....273401-006
DOC NUMBER.....AD680507
INSTH...AF-61/052/00645
PROJECT/TASK.....6805/02

APCRL 67-0480
UNIVERSITE DE LIEGE
A NEW DETERMINATION OF THE C12/C13 ISOTOPIC ABUNDANCE RATIO
IN THE SOLAR WIND
THE ASTROPHYSICAL JOURNAL VOL 147 NO 2 PP 607-612
FEBRUARY 1967

BY HERZBERG L
DELBOUTILLE L
ROLAND G

DAIR ACCESS NO.....273401-007
INSTH...AF-61/052/00645
PROJECT/TASK.....6805/02

APCRL 67-0482
PROVIDENCE COLLEGE
RESEARCH DIRECTED TOWARDS THE STUDY OF FAR INFRARED
ABSORPTION CONTINUOUS FINAL REPORT JULY 1967

BY GORA F K

DAIR ACCESS NO.....261421-001
DOC NUMBER.....AD680610
INSTH...AF-19/628/00022
PROJECT/TASK.....6806/03

APCRL 67-0483
JOHN MORRISSEY ASSOCIATES INC
COMPUTER COMPILER ORGANIZATION STUDIES FINAL REPORT MAY
1967

BY MORRISSEY J

DAIR ACCESS NO.....258670-001
DOC NUMBER.....AD680610
INSTH...AF-19/628/00018
PROJECT/TASK.....6806/02

APCRL 67-0484
LOCKHEED AIRCRAFT CORP
STUDY OF MODULAR SYNTHESIS OF SEQUENTIAL MACHINES FINAL
REPORT AUG 1967

BY NICHOLS A J III

DAIR ACCESS NO.....258600-001
DOC NUMBER.....AD680607
INSTH...AF-19/628/00075
PROJECT/TASK.....6806/04

APCRL 67-0485
BOLT BYRANER AND NEWMAN INC
NATURAL COMMUNICATION WITH COMPUTERS FINAL REPORT AUG 1967

BY BRUNN D G

DAIR ACCESS NO.....251680-011
DOC NUMBER.....AD680829
INSTH...AF-19/628/00065
PROJECT/TASK.....8609/00

APCRL 67-0486
CONDUCTION CORP
CALCULATION OF ELECTROMAGNETIC FIELDS IN THE LOCAL REGIONS
OF A PARABOLOID RECEIVING OFF AXIS FINAL REPORT AUG 1967

BY KAY E W

DAIR ACCESS NO.....258391-001
DOC NUMBER.....AD680743
INSTH...F14624-67-C-0210
PROJECT/TASK.....4600/10

APCRL 67-0487
UNIVERSITY OF FLORIDA
STUDIES ON OPTICAL MATERIALS FINAL REPORT AUG 1967

BY JALLAND S S

DAIR ACCESS NO.....260680-001
DOC NUMBER.....AD680676
INSTH...AF-19/628/00809
PROJECT/TASK.....7670/05

APCRL 67-0488
NEW YORK UNIVERSITY
CRYSTAL CHARACTERISTICS OF POLYETHYLENE FILM
NYU-AA-67-104 SCIENTIFIC REPORT NO 2 NOV 1966

BY ALFANDER M

DAIR ACCESS NO.....251040-002
DOC NUMBER.....AD680801
INSTH...AF-19/628/00490
PROJECT/TASK.....6808/01

APCRL 67-0489
SYRACUSE UNIV RESEARCH INSTITUTE
GAIN OPTIMIZATION FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO
RANDOM FLUCTUATIONS
IEEE TRANS ON ANTENNAS & PROPAGATION VOL AP-15 PP 356-366
MAY 1967

BY TSENG F I
CHENG D K

DAIR ACCESS NO.....258110-003
DOC NUMBER.....AD680876
INSTH...AF-19/628/00608
PROJECT/TASK.....8608/03

APCRL 67-0490
MICHIGAN STATE UNIVERSITY
REDUCTION OF BACKSCATTERING FROM THE INFINITE CONE AND THE
SPHERE BY IMPEDANCE LOADING
SCIENTIFIC REPORT NO 4 JULY 1967

BY DUDLEY C K
CHEN K M

DAIR ACCESS NO.....258330-004
DOC NUMBER.....AD680828
INSTH...AF-19/628/00732
PROJECT/TASK.....6808/02

APCRL 67-0492
USSENVATCHII GEOLOGICAL EXPERIMENTAL
DISCONTINUITIES IN EUROPE
SCIENTIFIC REPORT NO 2 JUNE 1967

BY MOPELLI G
HELLENO S
FINETTI J
OLIVENTINI G

DAIR ACCESS NO.....253270-001
DOC NUMBER.....AD680927
INSTH...AF-61/052/00786
PROJECT/TASK.....8652/04

APCRL 67-0493
UNIVERSITA DEGLI STUDI DI MILANO
A COUNTER FOR THE MEASUREMENT OF THE ATMOSPHERIC AND EARTH
LEAKAGE FLUX OF SECONDARY COSMIC RAY NEUTRONS
SCIENTIFIC REPORT NO 6 MAY 1967

BY HALLEMINI M
MOPELLI G
IGIANTI A
INZANI P
SARSI L

DAIR ACCESS NO.....251130-002
DOC NUMBER.....AD680937
INSTH...AF-61/052/00008
PROJECT/TASK.....8609/03

APCRL 67-0498
IMMUNOLOGY UNIVERSITY
DETERMINATION OF THE MEAN VALUES OF CONDUCTIVITY AND
DIELECTRIC CONSTANT FROM THE FIELD STRUCTURE IN A MAGNETIC
DIPOLE
SCIENTIFIC REPORT NO 6 JUNE 1967
BY DITTELICH W
DAR ACCESS NO.....297301-004
DDC NUMBER.....A0600944
INST.....AF-61/052/00702
PROJECT/TASK.....4600710

APCRL 67-0499
SYSTEM DEVELOPMENT CORPORATION
INDEPENDENCE OF APL OPERATIONS
TN-73A/03A/00 SCIENTIFIC REPORT NO 7 JULY 1967
BY GRIEDACH S
HOPPECK J
DAR ACCESS NO.....350400-007
DDC NUMBER.....A0602007
INST.....AF-61/052/00008
PROJECT/TASK.....5632705

APCRL 67-0496
UTAH STATE UNIVERSITY
NON-EQUILIBRIUM SOLUTIONS FOR THE RADIATIVE DECAY OF A
SYSTEM OF OSCILLATORS HARMONIC AND ANHARMONIC
SCIENTIFIC REPORT NO 2 AUG 1967
BY ZITLAU C F
MUDOLF W M
DAR ACCESS NO.....253361-002
DDC NUMBER.....A0600978
INST.....AF-19/028/00516
PROJECT/TASK.....4600701

APCRL 67-0497
YALE UNIVERSITY
NEGATIVE CYCLOTRON RESONANCE ABSORPTION FINAL REPORT AUG
1967
BY WACHTEL J M
DAR ACCESS NO.....253371-001
DDC NUMBER.....A0605196
INST.....AF-19/028/00518
PROJECT/TASK.....4604702

APCRL 67-0498
AIR FORCE CAMBRIDGE RESEARCH LABS
GENERAL VIB SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH
-CLOUD BACKGROUNDS /U/
AFSC NO 197 AUG 1967
BY MADILL H W
LOVETT J J
MARGOTTE L C
DAR ACCESS NO.....256140-017
DDC NUMBER.....A0311954
INST.....AF-66/02-01-01
PROJECT/TASK.....4600700

APCRL 67-0497
BULT BERANEK AND NEWMAN INC
THE EFFECTS OF TASK-INDUCED STRESS ON SPEECH FINAL REPORT
AUG 1967
BY HECKER M H
STEVENS K N
VON HISHACK G
WILLIAMS C E
DAR ACCESS NO.....250800-001
DDC NUMBER.....A0600595
INST.....AF-19/028/00092
PROJECT/TASK.....5624702

APCRL 67-0500
HUGHES RESEARCH LABORATORIES
RESEARCH DIRECTED TOWARD THE STUDY OF IONIC AND NEUTRAL
SPECIES IN THERMAL PLASMAS FINAL REPORT SEPT 1967
BY HEIL M
SCOTT H W
MOLIFEG J V
DAR ACCESS NO.....267351-005
DDC NUMBER.....A0602636
INST.....AF-19/028/00297
PROJECT/TASK.....4605702

APCRL 67-0501
AIR FORCE CAMBRIDGE RESEARCH LABS
APPLICATION OF GEOMETRICAL OPTICS TO THE DESIGN AND
ANALYSIS OF MICROWAVE ANTENNAS
PSRP NO 340 SEPT 1967
BY HOLT F S
DAR ACCESS NO.....258420-004
DDC NUMBER.....A0601561
INST.....AF-66/02-02-01
PROJECT/TASK.....5635702

APCRL 67-0502
NEW YORK UNIVERSITY
GASKETING MEDIA AT ULTRA-HIGH PRESSURE
SCIENTIFIC REPORT NO 1 MAY 1967
BY PRINCE W
OKAMOTO Y
DAR ACCESS NO.....253111-001
DDC NUMBER.....A0605659
INST.....AF-19/028/00590
PROJECT/TASK.....5621704

APCRL 67-0503
IONOSPHEREN-INSTITUT BREISACH
STATISTICAL INVESTIGATION OF IONOSPHERIC DRIFT FINAL
REPORT MAY 1967
BY HARNISCHMECHER F
HARER
DAR ACCESS NO.....250900-004
DDC NUMBER.....A0603443
INST.....AF-19/028/00477
PROJECT/TASK.....5661701

APCRL 67-0504
OBSERVATOIRE DE PARIS
FINDINGS IN PLANETARY SURFACES AND OTHER DATA FROM A
STUDY OF THE PHOTOGRAPHIC COLLECTIONS OF THE PLANETARY
PLANETARY DATA CENTER AT MEUDON FINAL REPORT JAN 1967
BY DOLLEUS A
DIBALL E
CAMICHEL M
FIDIAS J
HAELEN-ANTILIA K A
DAR ACCESS NO.....252670-001
DDC NUMBER.....A0600690
INST.....AF-19/028/00473
PROJECT/TASK.....4602701

APCRL 67-0505
UNIVERSITY OF UTAH
TRANSMISSION LINE PARAMETER MEASUREMENTS - STANDARD
WAVE IMPEDANCE PROBE
UU-67-5 SCIENTIFIC REPORT NO 4 AUG 1967
BY HYATT J S
DAR ACCESS NO.....259511-000
DDC NUMBER.....A0600687
INST.....AF-19/028/00400
PROJECT/TASK.....4603701

APCRL 67-0506
UNION STATE UNIVERSITY
SUCCESSIVE APPROXIMATION OF SOLUTIONS OF NONLINEAR ELLIPTIC
INTEGRAL EQUATION
REPORT NO 45 SCIENTIFIC REPORT NO 14 AUG 1967
BY KUCH A H
DAR ACCESS NO.....272301-004
DDC NUMBER.....A0604431
INST.....AF-19/028/00781
PROJECT/TASK.....4603702

APCRL 67-0507
UNIVERSITY OF ROME
SOLUTION OF THE DISCONTINUITY PROBLEM BETWEEN AN EMER
RECTANGULAR WAVEGUIDE AND THE SAME GUIDED ELECTRICALLY FILLED
WITH TRANSVERSELY MAGNETIZED PERMITT
SCIENTIFIC REPORT NO 4 JUNE 1967
BY GHUSA G
DAR ACCESS NO.....264811-007
DDC NUMBER.....A0607406
INST.....AF-61/052/00807
PROJECT/TASK.....4604701

APCRL 67-0508
OLSON UNIVERSITY
RESEARCHES IN THE FIELD OF SOLAR RADIO NOISE AT 89.1 IN
OPTICAL SUNSPOT PHENOMENA FINAL REPORT APR 1967
BY JENSEN E
DAR ACCESS NO.....257151-004
DDC NUMBER.....A0604137
INST.....AF-67/052/00744
PROJECT/TASK.....4604704

APCRL 67-0509
TYCO LABORATORIES INC
INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL GELATIN
CANNIDE BY THE TRAVELLING SOLVENT AND OTHER METHODS
SCIENTIFIC REPORT NO 1 JULY 1967
BY DAS B N
LAMPORT C B
BLAYSLEY A E
TRICKETT E A
WILKIN G A
DAR ACCESS NO.....250371-003
DDC NUMBER.....A0605000
INST.....AF-19/028/01-0106
PROJECT/TASK.....4605702

APCRL 67-0510
TIG INC
SPONTANEOUS EMISSION IN THE PRESENCE OF A HOMOGENEOUS
CLASSICAL FIELD
SCIENTIFIC REPORT NO 1 ENG-051-1 AUG 1967
BY NEWSTEIN M C
DAR ACCESS NO.....257310-313
DDC NUMBER.....A0600544
INST.....AF-19/028/00511
PROJECT/TASK.....4605701

APCRL 67-0511
TIG INC
QUANTUM THEORY OF LASER OSCILLATION I
SCIENTIFIC REPORT NO 2 ENG-051-2 AUG 1967
BY BARONE S H
DAR ACCESS NO.....257310-307
DDC NUMBER.....A0600688
INST.....AF-19/028/00511
PROJECT/TASK.....4605702

APCRL 67-0512
NORTHEASTERN UNIVERSITY
RESEARCH IN ENERGY CONVERSION FINAL REPORT SEPT 1967
BY NEWAR W H
WEISS R
WENFEN H N
DAR ACCESS NO.....260001-004
DDC NUMBER.....A0605884
INST.....AF-19/028/00510
PROJECT/TASK.....4605701

APCRL 67-0513
MOLECULAR RESEARCH CAMP
COMBUSTION BY CHLOROSULFONIC ACID FINAL REPORT OCT 1967
BY SALMON W A
SWITZER C L
DAR ACCESS NO.....257310-301
DDC NUMBER.....A0600688
INST.....AF-19/028/00513
PROJECT/TASK.....4605705

AFCL 67-0514
HOLT BERANEK AND NEWMAN INC
DESIGN AND IMPLEMENTATION OF FLIM A LISP FORMAT
DIRECTED LIST PROCESSOR
BBN REPORT NO 1405 SCIENTIFIC REPORT NO 10 JULY 1967
BY TRITLMAN W
OAR ACCESS NO.....251640-010
DOC NUMBER.....AD660048
INSTR...AF-19/628/0506
PROJECT/TASK.....4668/00

AFCL 67-0515
MONTROSE COMPANY LABORATORIES
TRANSIENT CONDUCTIVITY IN ORGANIC INSULATORS FINAL REPORT
SEPT 1967
BY WINSLOW J W
OAR ACCESS NO.....273212-001
DOC NUMBER.....AD660870
INSTR...AF-19/628/06047
PROJECT/TASK.....4608/01

AFCL 67-0516
AIR FORCE CAMBRIDGE RESEARCH LABS
THE DESIGN OF A MORE COMPLEX BUILDING BLOCK FOR DIGITAL
SYSTEMS
PSRP NO 341 SEPT 1967
BY KING W F III
GIUSTI A
OAR ACCESS NO.....257000-005
DOC NUMBER.....AD660808
INSTR...AFCL-4641-04-01
PROJECT/TASK.....4641/04

AFCL 67-0517
NEW YORK UNIVERSITY
ELECTRONIC STRUCTURE OF ORGANIC MOLECULES AND ORGANIC
SEMICONDUCTORS FINAL REPORT JUNE 1967
BY MOSKOWITZ J W
OAR ACCESS NO.....252730-001
DOC NUMBER.....AD661289
INSTR...AF-19/628/06040
PROJECT/TASK.....4659/01

AFCL 67-0518
AIR FORCE CAMBRIDGE RESEARCH LABS
BIBLIOGRAPHY OF LUNAR AND PLANETARY RESEARCH SUPPLEMENT NO
2 - - 1966
SPECIAL REPORT NO 67 SEPT 1967
BY SALISBURY J B
OAR ACCESS NO.....255430-004
DOC NUMBER.....AD662976
INSTR...AFCL-4642-01-01
PROJECT/TASK.....4642/01

AFCL 67-0519
NEW YORK UNIVERSITY
GENERALIZED IMPEDANCE BOUNDARY CONDITIONS WITH APPLICATIONS
TO SURFACE WAVE STRUCTURES
ELECTROMAGNETIC WAVE THEORY PROCEEDINGS OF A SYMPOSIUM
HELD AT OFELT THE NETHERLANDS SEPTEMBER 1965 PP 479-483
BY KAMP S N
KAPAL F C JM
OAR ACCESS NO.....263491-004
DOC NUMBER.....AD660069
INSTR...AF-19/620/03865
PROJECT/TASK.....4635/01

AFCL 67-0520
NEW YORK UNIVERSITY
THE RIEMANN MATRIX OF 2×2 PLUS 1×1 -DIMENSIONAL SYMMETRIC-
HYPERBOLIC SYSTEMS
COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS VOL XX NO 2
MAY 1967 PP 329-363
BY YIN D H Y
HAZIR J
OAR ACCESS NO.....269792-004
DOC NUMBER.....AD662173
INSTR...AF-19/628/04005
PROJECT/TASK.....4603/02

AFCL 67-0521
NEW YORK UNIVERSITY
THE PROGRESSING WAVE FORMALISM FOR ELECTROMAGNETIC WAVES
FROM MOVING SOURCES
JOURNAL OF DIFFERENTIAL EQUATIONS VOL 3 NO 3 JULY 1967 PP
360-390
BY LEWIS J M
PHESSMAN W
OAR ACCESS NO.....269792-004
DOC NUMBER.....AD662173
INSTR...AF-19/628/04005
PROJECT/TASK.....4603/02

AFCL 67-0522
TECHNOLOGY INCORPORATED
TECHNIQUES AND COMPUTATION PROGRAMS TO COMPUTE GRAVITY
FROM IN-FLIGHT MAGNETIC TAP RECORDINGS FINAL REPORT JUNE
1967
BY DECHAMP C G
HARRUFF D A
OAR ACCESS NO.....273541-001
DOC NUMBER.....AD6619451
INSTR...AF-19/628/05111
PROJECT/TASK.....7600/05

AFCL 67-0523
UNIVERSITY OF ROCHESTER
APPROXIMATE FORMULAS FOR PHOTOELECTRIC COUNTING
DISTRIBUTIONS
PHYSICAL REVIEW VOL 160 NO 5 AUGUST 1967 PP 1496-1500
BY BEDARD G
CHANG J C
MANDEL L
OAR ACCESS NO.....253290-005
DOC NUMBER.....AD662674
INSTR...AF-19/628/05052
PROJECT/TASK.....4645/02

AFCL 67-0524
OBSERVATION OF GEOPHYSICAL EXPERIMENTAL
FINAL RESULTS OF CANHIDG AND CGI PENOLUM MEASUREMENTS
SCIENTIFIC REPORT NO 1-A FEB 1967
BY MONELLI C
OAR ACCESS NO.....250250-004
DOC NUMBER.....AD662583
INSTR...AF-61/052/00656
PROJECT/TASK.....7600/02

AFCL 67-0525
SPERRY RAND RESEARCH CENTER
CONTOUR DESCRIPTION PROPERTIES OF VISUAL SHAPE FINAL REPORT
SEPT 1967
BY KAUFMAN L
OAR ACCESS NO.....257880-001
DOC NUMBER.....AD662005
INSTR...AF-19/628/05830
PROJECT/TASK.....4645/03

AFCL 67-0526
ISTITUTO DI ELETTRONICA DELL UNIVERSITA DI ROMA
ELASTIC WAVE EXCITATION IN PIEZOELECTRIC SLABS
SCIENTIFIC REPORT NO 5 JULY 1967
BY JAMALI F
HANZILAI G
GROSSA G
OAR ACCESS NO.....260411-005
INSTR...AF-61/052/00807
PROJECT/TASK.....4600/03

AFCL 67-0527
AIR FORCE CAMBRIDGE RESEARCH LABS
ELECTRICAL CONDUCTIVITY OF MAGNETOPLASMAS PART I - GENERAL
THEORY OF EFFECTIVE PARAMETERS
PSRP NO 342 SEPT 1967
BY HAKSHI P M
HAKSHI H E
HARA H J
OAR ACCESS NO.....257620-018
DOC NUMBER.....AD660809
INSTR...AFCL-4642-02-01
PROJECT/TASK.....4642/02

AFCL 67-0528
AIR FORCE CAMBRIDGE RESEARCH LABS
ELECTRICAL CONDUCTIVITY OF MAGNETOPLASMAS PART II-EFFECTIVE
PARAMETERS FOR NON-MAXWELLIAN DISTRIBUTIONS
PSRP NO 343 SEPT 1967
BY HAKSHI P M
HAKSHI H E
HARA H J
OAR ACCESS NO.....257620-019
DOC NUMBER.....AD660810
INSTR...AFCL-4642-02-01
PROJECT/TASK.....4642/02

AFCL 67-0529
STANFORD RESEARCH INSTITUTE
STRESS WAVE PROPAGATION IN A PRESTRESSED MEDIUM FINAL
REPORT OCT 1967
BY AMENDS T J
OAR ACCESS NO.....259050-001
DOC NUMBER.....AD660810
INSTR...AF-19/628/06048
PROJECT/TASK.....4652/06

AFCL 67-0530
HUBBETT-PACKARD CO
INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL
CATHODES FINAL REPORT AUG 1967
BY YEP T U
ARMEN H J
OAR ACCESS NO.....258900-003
DOC NUMBER.....AD660810
INSTR...AF-19/628/05946
PROJECT/TASK.....4636/01

AFCL 67-0531
NEW YORK UNIVERSITY
ANALYTIC SYMMETRIC THEORY OF CREEPING WAVES
COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS VOL
XX NO 2 PP 245-328 MAY 1967
BY LEWIS J M
JERISTON N
LUDIG D
OAR ACCESS NO.....263491-005
DOC NUMBER.....AD660068
INSTR...AF-19/628/01868
PROJECT/TASK.....4635/01

AFCL 67-0532
UNIVERSITY OF UTAH
INSTRUMENTATION FOR AIR DENSITY MEASUREMENTS FINAL REPORT
SEPT 1967
BY WILSON C D
HATCHER D E
SMITH H S
ALLARD G D
OAR ACCESS NO.....272331-004
DOC NUMBER.....AD660649
INSTR...AF-19/628/04055
PROJECT/TASK.....5710/00

APCRL 67-0534
UNIVERSITY OF DAYTON
AN ANALYSIS OF THE AN/FPS-16--ROSE SYSTEM
UORI-TH-67-140 SCIENTIFIC REPORT NO 2 NOV 1967
BY ENGLER M A
LUERS J K
MCCLUSKEY J W
DAR ACCESS NO.....269801-002
DDC NUMBER.....AD667203
INSTR...AF-19/62R/04794
PROJECT/TASK.....66R2/04

APCRL 67-0535
NORTHEASTERN UNIVERSITY
RIND MEASUREMENT BY DUAL-BEAM RADAR A THEORETICAL AND
EXPERIMENTAL EVALUATION
SCIENTIFIC REPORT NO 3 JULY 1967
BY LOB M H
RISHOP A W
DAR ACCESS NO.....252890-003
DDC NUMBER.....AD667187
INSTR...AF-19/62R/04956
PROJECT/TASK.....6672/01

APCRL 67-0536
UNIVERSITY OF UTAH
A PROPAGATION EXPERIMENT FOR MEASURING ELECTRON DENSITY
IN THE D-REGION OF THE IONOSPHERE
UW-67-7 SCIENTIFIC REPORT NO 3 SEPT 1967
BY WESTLUND C D
LITTLEFIELD C
DAR ACCESS NO.....259532-003
DDC NUMBER.....AD664577
INSTR...AF-19/62R/05044
PROJECT/TASK.....7663/03

APCRL 67-0537
SYSTEM DEVELOPMENT CORPORATION
CONTROL SETS ON GRAMMARS
TM-738/036/00 SCIENTIFIC REPORT NO 9 AUG 1967
BY GINSBURG S
SPANICH E H
DAR ACCESS NO.....259400-0
DDC NUMBER.....AD661970
INSTR...F1962B-67-C-0008
PROJECT/TASK.....5632/05

APCRL 67-0538
SYSTEM DEVELOPMENT CORPORATION
PRE-APT
TM-738/037/00 SCIENTIFIC REPORT NO 10 AUG 1967
BY GINSBURG S
GREIBACH S
HOPCROFT J
DAR ACCESS NO.....259400-009
DDC NUMBER.....AD661969
INSTR...F1962B-67-C-0008
PROJECT/TASK.....5632/05

APCRL 67-0539
SYSTEM DEVELOPMENT CORPORATION
A NOTE ON UNDECIDABLE PROPERTIES OF FORMAL LANGUAGES
TM-738/038/00 SCIENTIFIC REPORT NO 11
BY GREIBACH S
DAR ACCESS NO.....259400-010
DDC NUMBER.....AD661968
INSTR...F1962B-67-C-0008
PROJECT/TASK.....5632/05

APCRL 67-0540
UNIVERSITY OF TEXAS
PROPAGATION CHARACTERISTICS OF MICROPULSATIONS FINAL
REPORT AUG 1967
BY BLOMQUIST M G
SMITH M W
BOSTICK F K
AMES L A
ORANGE A
DAR ACCESS NO.....260631-001
DDC NUMBER.....AD661284
INSTR...AF-19/62R/04046
PROJECT/TASK.....66B2/01

APCRL 67-0541
PARKE MATHEMATICAL LABORATORIES INC
ON THE THEORY OF BOOLEAN FORMULAS SUBSTITUTION REPLACEMENTS
AND PRIME FORMULAS
SCIENTIFIC REPORT NO 4 SEPT 1967
BY SAMSON E W
CALANI L
DAR ACCESS NO.....260152-005
DDC NUMBER.....AD662374
INSTR...AF-19/62R/04790
PROJECT/TASK.....5621/06

APCRL 67-0542
AMERICAN SCIENCE AND ENGINEERING INC
WIDESPREAD OPTICAL/IR EFFECTS FROM HIGH ALTITUDE
DETONATIONS /U/ FINAL REPORT AUG 1967
BY CARPENTER J W
MANLEY O P
SMITH M J P
FINN R S
HARRISON W H
DAR ACCESS NO.....258861-001
DDC NUMBER.....AD66130L
INSTR...AF-19/62R/05096
PROJECT/TASK.....5710/00

APCRL 67-0543
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
PERFORMANCE OF THIN FILM HUMIDITY SENSORS
SCIENTIFIC REPORT NO 1 OCT 1967
BY DELPICO J
DAR ACCESS NO.....259970-001
DDC NUMBER.....AD663757
INSTR...F1962B-67-C-0228
PROJECT/TASK.....6670/01

APCRL 67-0544
AIR FORCE CAMBRIDGE RESEARCH LABS
TUNNULENT BODIES IN HIGH-DENSITY-SPARK CHANNELS IN HELIUM
PSRP NO 344 SEPT 1967
BY FISCHER H
SCHOMBACH K
DAR ACCESS NO.....256370-005
DDC NUMBER.....AD662346
INSTR...AFCL-5634-01-01
PROJECT/TASK.....5634/01

APCRL 67-0545
AIR FORCE CAMBRIDGE RESEARCH LABS
MANIFEST TIME DIFFERENCES BY DYNAMIC STUNAGE OF FLIP-FLOP
PULSES
IP NO 127 SEPT 1967
BY FRANKS G
PEVERANO M
FISCHER H
DAR ACCESS NO.....256370-006
DDC NUMBER.....AD624082L
INSTR...AFCL-5634-01-01
PROJECT/TASK.....5634/01

APCRL 67-0546
AIR FORCE CAMBRIDGE RESEARCH LABS
MARCH 1966 OBSERVATIONS OF THE GALACTIC SPIN IN THE 20 TO
40 MHZ RANGE
FRP NO 274 OCT 1967
BY GUIDICE D A
DAR ACCESS NO.....256690-002
DDC NUMBER.....AD665885
INSTR...AFCL-5629-02-01
PROJECT/TASK.....5629/02

APCRL 67-0547
RADIO CORPORATION OF AMERICA
ANOMALOUS HALL EFFECT AND OTHER RELATED NONLINEAR BULK
EFFECTS FINAL REPORT SEPT 1967
BY SOUTHWORTH P D
CHANG K K N
DAR ACCESS NO.....265002-003
DDC NUMBER.....AD825020L
INSTR...AF-19/62R/043P6
PROJECT/TASK.....4645/02

APCRL 67-0548
UNIVERSITY OF CALIFORNIA
STUDY OF ATMOSPHERIC CONSTITUENTS AND STRUCTURE BY
MEASUREMENT OF TRANSMISSION AND ABSORPTION OF MILLIMETER
WAVES OF RADIOASTRONOMICAL ORIGIN FINAL REPORT SEPT 1967
BY WELCH M J
DAR ACCESS NO.....258520-001
DDC NUMBER.....AD662385
INSTR...AF-19/62R/05384
PROJECT/TASK.....66B2/03

APCRL 67-0549
HOSTON COLLEGE
THE NEW ENGLAND SEISMIC NETWORK FINAL REPORT OCT 1967
BY TUNNICLIFFE T
DAR ACCESS NO.....253131-001
DDC NUMBER.....AD664078
INSTR...F1962B-67-C-0021
PROJECT/TASK.....6652/05

APCRL 67-0550
UNIVERSITY OF ALASKA
TELLURIC CURRENT MICROPULSATIONS AT THE AURORAL ZONE
FINAL REPORT OCT 1967
BY MCSSLER V P
MEACOCK R H
DAR ACCESS NO.....251200-009
DDC NUMBER.....AD662877
INSTR...AF-19/62R/01695
PROJECT/TASK.....6601/03

APCRL 67-0551
PENNSYLVANIA STATE UNIVERSITY
MAGNETOSPHERIC TAIL STUDIES 1 ANALYSIS OF HOURLY
AVERAGED IMP-C DATA IN THE MAGNETOSPHERIC TAIL 2 UNCOUPLING
OF PARALLEL AND PERPENDICULAR PARTICLE MOTION IN A NEUTRAL
SCIENTIFIC REPORT NO 306 SEPT 1967
BY SPEISER T W
DAR ACCESS NO.....267711-021
DDC NUMBER.....AD663751
INSTR...AF-19/62R/04014
PROJECT/TASK.....6605/02

APCRL 67-0552
SYRACUSE UNIV RESEARCH INSTITUTE
COMPUTER DESIGN OF UNEQUALLY SPACED ARRAYS
EE 0967-4 SCIENTIFIC REPORT NO 4 OCT 1967
BY SCHUMAN H K
STRAIT B J
DAR ACCESS NO.....258670-004
DDC NUMBER.....AD661593
INSTR...AF-19/62R/05482
PROJECT/TASK.....5635/06

APCRL 67-0553
CASE WESTERN RESERVE UNIVERSITY SCHOOL OF ENGINEERING
NETWORKS WITH UNITY-GAIN VOLTAGE AMPLIFIERS
SCIENTIFIC REPORT NO 19 DEC 1967
BY HILBERMAN D
DAR ACCESS NO.....265301-013
DDC NUMBER.....AD665147
INSTR...AF-19/62R/01699
PROJECT/TASK.....5635/04

AFCHL 67-0554
UNIVERSITY OF GENEEN
MOLYBDENE LATTICES THE ORGANIC SEMICONDUCTORS TMPO/CIO4 AND
TMPO/CHLORANIL FINAL REPORT MAY 1967
BY KOMMADEUR J
ROTT G T
DAN ACCESS NO.....251500-003
DOC NUMBER.....AD660605
INSTR...AF-61/052/00764
PROJECT/TASK.....R657/01

AFCHL 67-0555
UNIVERSITY COLLEGE
OPTICAL PROPERTIES OF ORGANIC CRYSTALS FINAL REPORT SCPT
1967
BY CRAIG D P
DAN ACCESS NO.....252030-001
DOC NUMBER.....AD660603
INSTR...AF-61/052/00714
PROJECT/TASK.....R694/05

AFCHL 67-0556
AIR FORCE CAMBRIDGE RESEARCH LABS
A HIRMOGRAPHY OF THE ELECTRICALLY EXPLODED CONDUCTOR
PHENOMENON FOURTH EDITION
SPECIAL REPORTS NO 68 OCT 1967
BY CHACE W G
WATSON E W
DAN ACCESS NO.....255600-002
DOC NUMBER.....AD662345
INSTR...AFCHL-6608-00001
PROJECT/TASK.....R608/04

AFCHL 67-0557
STANFORD RESEARCH INSTITUTE
GROWTH PROCESSING AND CHARACTERIZATION OF D-SILICON CARBIDE
SINGLE CRYSTALS
SRI PROJECT NO PMU-6488 SCIENTIFIC REPORT NO 1 AUG 1967
BY BARTLETT H W
MULLER H A
DAN ACCESS NO.....253411-001
DOC NUMBER.....AD660587
INSTR...F19628-67-C-0243
PROJECT/TASK.....5620/06

AFCHL 67-0558
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
COHERENCE THEORY OF RADIO-ASTRONOMICAL MEASUREMENTS
TELE TRANSACTIONS ON ANTENNAS & PROPAGATION VOL AP-15 NO 1
JANUARY 1967 PP 10-20
BY KO H C
DAN ACCESS NO.....259250-001
DOC NUMBER.....AD651355
INSTR...AF-19/628/00145
PROJECT/TASK.....5624/01

AFCHL 67-0558
O BROWN ASSOCIATES INC
PRECISE DETERMINATION OF GEODETIC POSITIONS BY THE METHOD
OF CONTINUOUS TRACKS FINAL REPORT
BY BROWN D C
TROTTER J E
DAN ACCESS NO.....262533-001
DOC NUMBER.....AD662013
INSTR...AF-19/628/00086
PROJECT/TASK.....7600/03

AFCHL 67-0559
UNIVERSITY OF ALASKA
TWO SUBTYPES OF TYPE PI MICROPULSATIONS
JOURNAL OF GEOPHYSICAL RESEARCH VOL 72 NO 15 PP 3905-3917
1 AUGUST 1967
BY MCACOCK W R
DAN ACCESS NO.....251200-010
DOC NUMBER.....AD662337
INSTR...AF-19/628/01045
PROJECT/TASK.....R601/03

AFCHL 67-0560
PENNSYLVANIA STATE UNIVERSITY
LOWER FREQUENCY NOISE EXPERIMENTS USING LOW FREQUENCY
RADIO WAVE ABSORPTION
SCIENTIFIC REPORT NO 307 SEPT 1967
BY MIDGENDOFF F H
DAN ACCESS NO.....260111-002
DOC NUMBER.....AD660371
INSTR...F19628-67-C-0301
PROJECT/TASK.....7603/03

AFCHL 67-0561
ANALYSIS & COMPUTATION SYSTEMS INC
SATELLITE DATA REDUCTION PROCESSING SYSTEM
SCIENTIFIC REPORT NO 1 OCT 1967
BY FUSCO J A
PAIGE W J
DAN ACCESS NO.....751711-001
DOC NUMBER.....AD660349
INSTR...F19628-67-C-0125
PROJECT/TASK.....9000/00

AFCHL 67-0562
NEW YORK UNIVERSITY
SIMULTANEOUS APPROXIMATION IN GAIN AND PHASE OF TWO-PORTS
USING LATTICE IN PARALLEL RESONATORS
TECHNICAL REPORT 400-148 EIGHTH SCIENTIFIC REPORT OCT 1967
BY O'NEILL J F
GHAUSE W S
DAN ACCESS NO.....257911-008
DOC NUMBER.....AD660354
INSTR...AF-19/628/00537
PROJECT/TASK.....5626/06

AFCHL 67-0563
AIR FORCE CAMBRIDGE RESEARCH LABS
GEMINI V 04/ 07 SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND
EARTH-CLOUD BACKGROUNDS
AFSG NO 198 OCT 1967
BY LIEWIT J
MARCOTTE L
NADILE R
DAN ACCESS NO.....256390-003
DOC NUMBER.....AD661559
INSTR...AFCHL-6662-01-01
PROJECT/TASK.....8662/00

AFCHL 67-0564
INTERNATIONAL BUSINESS MACHINES CORP
SEMICONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY
CRYSTALLOGRAPHIC IMPERFECTIONS
TH 22 532 AUG 1967
BY SCHWITKE G M
DAN ACCESS NO.....272471-002
DOC NUMBER.....AD663723
INSTR...AF-19/628/05089
PROJECT/TASK.....5621/04

AFCHL 67-0565
RADIO CORPORATION OF AMERICA
AN INTRODUCTION TO COLI A COMPUTER DESCRIPTION LANGUAGE
SCIENTIFIC REPORT NO 1 SEPT 1967
BY SRINIVASAN C V
DAN ACCESS NO.....268761-003
DOC NUMBER.....AD661591
INSTR...AF-19/628/04789
PROJECT/TASK.....5632/02

AFCHL 67-0566
UNIVERSITY OF HAWAII
PROBLEMS IN INFORMATION PROCESSING FINAL REPORT NOV 1967
BY LIN S
PETERSON W W
WELDON E J JR
DAN ACCESS NO.....251900-015
DOC NUMBER.....AD660838
INSTR...AF-19/628/04379
PROJECT/TASK.....5628/01

AFCHL 67-0567
TRW INCORPORATED
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
06415-0001-0000 SCIENTIFIC REPORT NO 1 AUG 1967
BY MCWILLIAMS D A
GRANNIS N J
DAN ACCESS NO.....259780-001
DOC NUMBER.....AD662127
INSTR...F19628-67-C-0242
PROJECT/TASK.....4608/05

AFCHL 67-0568
AIR FORCE CAMBRIDGE RESEARCH LABS
HIGH-GAIN UHF BACKFIRE ANTENNA FOR COMMUNICATIONS
TELEMETRY AND RADIO ASTRONOMY
IP NC 124 OCT 1967
BY BRENSPECK H W
DAN ACCESS NO.....257520-008
DOC NUMBER.....AD662582
INSTR...AFCHL-6600-10-01
PROJECT/TASK.....4600/10

AFCHL 67-0569
SOUTHWEST CENTER FOR ADVANCED STUDIES
CALCULATIONS OF REFLECTED AND TRANSMITTED RADIANCE FOR
EARTH'S ATMOSPHERE
SCIENTIFIC REPORT NO 6 SEPT 1967
BY PLASS G N
KATTAWAN G W
DAN ACCESS NO.....253050-005
DOC NUMBER.....AD661267
INSTR...AF-19/628/05039
PROJECT/TASK.....4076/04

AFCHL 67-0570
SOUTHWEST CENTER FOR ADVANCED STUDIES
RADIANCE AND POLARIZATION OF MULTIPLE SCATTERED LIGHT FROM
HAZE AND CLOUDS
SCIENTIFIC REPORT NO 7 SEPT 1967
BY KATTAWAN G W
PLASS G N
DAN ACCESS NO.....253050-006
DOC NUMBER.....AD661268
INSTR...AF-19/628/05039
PROJECT/TASK.....4076/04

AFCHL 67-0571
INTERNATIONAL BUSINESS MACHINES CORP
ANALYSIS OF RADIATION INDUCED COUPLING EFFECTS BETWEEN
INTEGRATED CIRCUIT ELEMENTS
TH 67-521-10 SCIENTIFIC REPORT NO 1 OCT 1967
BY CHIDWELL W
FRANKOVSKY F
PROTSCHKA M
ZANDERT F
DAN ACCESS NO.....260090-001
DOC NUMBER.....AD662890
INSTR...F19628-67-C-0306
PROJECT/TASK.....4600/05

AFCHL 67-0572
UNIVERSITY OF DENVER
ATMOSPHERIC ABSORPTION OF SOLAR RADIATION BY THE 4 &
MICRON OZONE BAND
SCIENTIFIC REPORT NO 4 OCT 1967
BY GILDMAN A
MUMCHAY D
MUMCHAY F
WILLIAMS W
DAN ACCESS NO.....272541-006
DOC NUMBER.....AD661293
INSTR...AF-19/628/05202
PROJECT/TASK.....11602/01

AFCL 67-0573
NEW YORK UNIVERSITY
THE DEVELOPMENT OF A CONSTITUTIVE RELATION FOR NEOPHENE
BALLOON FILM
NYU-AA-67-104 SCIENTIFIC REPORT NO 1 JULY 1967
BY ALEXANDER H
OAR ACCESS NO.....251041-001
DOC NUMBER.....AD664930
INSTR...F14628-67-C-0241
PROJECT/TASK.....0665/01

AFCL 67-0574
ANDRUS CORPORATION
INVESTIGATION OF PRODUCTION OF RADAR CROSS SECTION BY A
FEEDBACK METHOD /U/
FIRST QUARTERLY REPORT SEPT 1967
BY CHANLTON T E
OAR ACCESS NO.....260329-003
DOC NUMBER.....AD385673
INSTR...F14628-67-C-0380
PROJECT/TASK.....0675/00

AFCL 67-0575
OSLO UNIVERSITY
THE INFLUENCE OF A PERFECT GRATING IN THE LINE PROFILE OF A
SPECTROGRAPH
ASTROPHYSICA NORVEGICA VOL X NO 5 PP 79-94 1967
BY GRANDT O
OAR ACCESS NO.....252811-015
INSTR...AF-61/052/00743
PROJECT/TASK.....7649/06

AFCL 67-0576
OSLO UNIVERSITY
ON THE CENTER-LINE VARIATION OF THE H- AND K-LINES OF CA II
ASTROPHYSICA NORVEGICA VOL X NO 6 PP 101-125 1967
BY ENGVOLD O
OAR ACCESS NO.....252811-016
INSTR...AF-61/052/00743
PROJECT/TASK.....7649/06

AFCL 67-0577
OSLO UNIVERSITY
ON THE ACTIVITY REGION CORONA AND THE INTERPRETATION OF TYPE
I BURSTS
ASTROPHYSICA NORVEGICA VOL X NO 7 PP 127-144 1967
BY ELGAROV O
OAR ACCESS NO.....252811-017
INSTR...AF-61/052/00743
PROJECT/TASK.....7649/06

AFCL 67-0578
TECHNICAL UNIVERSITY OF DENMARK
REFLECTION ANWAYS FINAL REPORT JULY 1967
BY NIELSEN E D
OAR ACCESS NO.....251070-006
DOC NUMBER.....AD661324
INSTR...AF-61/052/00794
PROJECT/TASK.....4600/10

AFCL 67-0579
HYDRECK RESEARCH ASSOCIATES
SIGNAL DISTORTION IN ANISOTROPIC HOMOGENEOUS IONIZED MEDIA
I LONGITUDINAL MAGNETIC FIELD
SCIENTIFIC REPORT NO 7 APR 1967
BY RENNANG H O
OAR ACCESS NO.....250061-009
DOC NUMBER.....AD664555
INSTR...AF-61/052/00864
PROJECT/TASK.....4601/02

AFCL 67-0581
NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT
CURRENT SATURATION AND IRAM-CONTROLLED ELECTRON SHIFT
MOBILITY IN PHOTOCONDUCTIVE CDS
THE PHYSICAL REVIEW VOL 155 NO 3 PP 744-749 15 MARCH 1967
BY HANNESTAD A
OAR ACCESS NO.....250340-003
INSTR...AF-61/052/00758
PROJECT/TASK.....4603/01

AFCL 67-0582
AIR FORCE CAMBRIDGE RESEARCH LABS
BALLSTON DELIVERY SYSTEM /U/
IP NO 131 OCT 1967
BY DIMPNEY F X
OAR ACCESS NO.....250590-002
DOC NUMBER.....AD387060L
INSTR...AFCL-5710-00-02
PROJECT/TASK.....5710/00

AFCL 67-0583
PRINCETON UNIVERSITY
STRENGTH RESPONSE PARAMETERS OF NATURAL SOIL SURFACES AND
THEIR APPLICATION TO THE LANDING PROBLEM OF AIRCRAFT
SCIENTIFIC REPORT NO 1 JAN 1967
BY TSAI K
OAR ACCESS NO.....250371-001
DOC NUMBER.....AD660555
INSTR...AF-19/628/05873
PROJECT/TASK.....7628/04

AFCL 67-0584
UNIVERSITY OF UTAH
BUCKET INSTRUMENTATION FOR THE GYRO-INTERACTION
EXPERIMENT - AERODIE AE 3 614
UU-67-A SCIENTIFIC REPORT NO 4 OCT 1967
BY ALLEY C L
OAR ACCESS NO.....250532-004
DOC NUMBER.....AD66343
INSTR...AF-19/628/05044
PROJECT/TASK.....7663/03

AFCL 67-0585
GENERAL ELECTRIC COMPANY
STUDY TO OBTAIN DESIGN DATA FOR REENTRY PCM ANTENNA
SYSTEMS
GE REPORT NO 67507170 SEPT 1967 SECOND QUARTERLY TECHNICAL
REPORT
BY MISOING P E
OAR ACCESS NO.....250820-003
DOC NUMBER.....AD663783
INSTR...F14628-67-C-0210
PROJECT/TASK.....0671

AFCL 67-0586
AIR FORCE CAMBRIDGE RESEARCH LABS
A LARGE DYNAMIC RANGE MICROWAVE POWER MEASUREMENT SYSTEM
EMPLOYING FEEDBACK
IP NO 132 OCT 1967
BY GUGGINS W U JR
OAR ACCESS NO.....254420-010
DOC NUMBER.....AD66524
INSTR...AFCL-5635-02-01
PROJECT/TASK.....5635/02

AFCL 67-0587
UNIVERSITY OF LIEGE
HIGH RESOLUTION SPECTRA OF THE SUN
SCIENTIFIC REPORT NO 4 AUG 1967
BY DELBUILLE L
OAR ACCESS NO.....273402-003
DOC NUMBER.....AD661282
INSTR...AF-61/052/00953
PROJECT/TASK.....8603/02

AFCL 67-0588
RADIO CORPORATION OF AMERICA
FORMAL DEFINITION OF COLI A COMPUTER DESCRIPTION LANGUAGE
SCIENTIFIC REPORT NO 2 OCT 1967
BY SRINIVASAN C V
OAR ACCESS NO.....268761-004
DOC NUMBER.....AD662899
INSTR...AF-19/628/04785
PROJECT/TASK.....5632/02

AFCL 67-0589
GENERAL DYNAMICS CORP
EXPERIMENTAL AND THEORETICAL STUDY OF LATTICE DYNAMICS
FINAL REPORT SEPT 1967
BY HONGONTO G M
OAR ACCESS NO.....250290-001
DOC NUMBER.....AD664942
INSTR...F14628-67-C-0080
PROJECT/TASK.....5621/05

AFCL 67-0590
UNIVERSITY OF ARIZONA
PHOTOBIOLGY FINAL REPORT OCT 1967
BY TILLIN G
OAR ACCESS NO.....252800-001
DOC NUMBER.....AD663752
INSTR...AF-19/628/04376
PROJECT/TASK.....6659/03

AFCL 67-0591
PARKS MATHEMATICAL LABS INC
A FAMILY OF CODES FOR THE CORRECTION OF SUBSTITUTION AND
SYNCHRONIZATION ERRORS
SCIENTIFIC REPORT NO 3 OCT 1967
BY CALARI L
OAR ACCESS NO.....272502-003
DOC NUMBER.....AD664579
INSTR...F14628-67-C-0030
PROJECT/TASK.....5620/01

AFCL 67-0592
NEW YORK UNIVERSITY
GASKETING MEDIA AT ULTRA-HIGH PRESSURE FINAL REPORT JUNE
1967
BY PHILIP M
OAR ACCESS NO.....253011-002
DOC NUMBER.....AD665860
INSTR...AF-19/628/05990
PROJECT/TASK.....5621/04

AFCL 67-0593
SANDWICH ASSOCIATES INC
INVESTIGATION OF ORDERED MAGNETIC STATES AND THEIR
CORRELATIONS TO OPTICAL AND ELECTRICAL PROPERTIES OF
SELECTED MATERIALS FINAL REPORT OCT 1967
BY TERRELL J M
OAR ACCESS NO.....250771-001
DOC NUMBER.....AD660676
INSTR...AF-19/628/05721
PROJECT/TASK.....5620/03

AFCL 67-0594
NEW YORK UNIVERSITY
ANALYSIS AND SIMULATION OF WIND-SELECTION PROCEDURES IN
ENROUTE-FREE COMMUNICATION SYSTEMS PART II - PRESENTATION AND
EVALUATION OF DATA
TECHNICAL REPORT 400-169 FIFTH SCIENTIFIC REPORT /PART II/
OCT 1967
BY REZNER J T
MORGAN K C
OAR ACCESS NO.....269532-008
DOC NUMBER.....AD666030
INSTR...AF-19/628/04121
PROJECT/TASK.....4610/03

AFCL 67-0595
CONTROLS FOR RADIATION INC
PHOTOACTIVATION OF CERIUM PROXYMIUM SAMARIUM AND GADOLINIUM
SCIENTIFIC REPORT NO 3 OCT 1967
BY KEGEL G M H
OAR ACCESS NO.....250691-003
DOC NUMBER.....AD666387
INSTR...AF-19/628/05480
PROJECT/TASK.....5620/03

AFCL 67-0596
CONTROLS FOR RADIATION INC
ELECTRICAL MEASUREMENTS AND NUCLEAR ACTIVATION TECHNIQUES
FOR RADIATION DAMAGE STUDIES AND IMPURITY ANALYSIS IN
SILICON AND IN LASER MATERIALS FINAL REPORT NOV 1967
BY PETERSON H W
KEGEL G M H
SOPEH R B
MAYBURG
OAR ACCESS NO.....250691-004
DOC NUMBER.....AD666387
INSTR...AF-19/628/05480
PROJECT/TASK.....5620/03

AFCL 67-0597
BARKLEY AND DEXTER LABS INC
ABSOLUTE GRAVITY MEASUREMENT BY MEANS OF REVERSELY
PENDULUM APPARATUS FINAL REPORT SEPT 1967
BY BERRY W L
OAR ACCESS NO.....251377-001
DOC NUMBER.....AD666426
INSTR...AF-19/628/06140
PROJECT/TASK.....8607/01

AFCL 67-0599
ADVANCED METALS RESEARCH CORP
RESEARCH DIRECTED TOWARD THE ELECTRON MICROANALYSIS OF
MINERAL PHASES IN CHONDRITE METEORITES FINAL REPORT SEPT
1967
BY KOFFMAN D M
OGILVIE R F
OAR ACCESS NO.....252791-001
DOC NUMBER.....AD666843
INSTR...AF-19/628-67-C-0029
PROJECT/TASK.....769H/01

AFCL 67-0600
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RESEARCH IN THEORETICAL AND MODEL SEISMOLOGY FINAL REPORT
NOV 1967
BY GANGI A F
OAR ACCESS NO.....259450-001
DOC NUMBER.....AD666941
INSTR...AF-19/628-67-C-0126
PROJECT/TASK.....7639/0A

AFCL 67-0601
AIR FORCE CAMBRIDGE RESEARCH LABS
A STUDY OF MESOSCALE FEATURES OF SUMMERTIME MINIMUM WIND
FIELDS IN THE LOWER STRATOSPHERE
ERP NO 275 NOV 1967
BY NOLAN G F
OAR ACCESS NO.....250310-003
DOC NUMBER.....AD666384
INSTR...AFCL-6605-06-01
PROJECT/TASK.....6605/06

AFCL 67-0602
AIR FORCE CAMBRIDGE RESEARCH LABS
THE ELECTROMAGNETIC SCATTERING OF WIND HANDWIDTH
RANDOM SIGNALS BY A DISCRETE TARGET
ERP NO 345 NOV 1967
BY SCHINDLER J K
OAR ACCESS NO.....254420-004
DOC NUMBER.....AD667874
INSTR...AFCL-6635-02-01
PROJECT/TASK.....5635/02

AFCL 67-0603
AIR FORCE CAMBRIDGE RESEARCH LABS
MULTISPECTRAL PHOTOGRAPHIC STUDIES OF A RED-BED FACIES
MINAS BASIN NOVA SCOTIA
ERP NO 276 NOV 1967
BY BROWN G D JR
CROHN J F
SKEHN J W
DOWLING H W
O LEARY D W
OAR ACCESS NO.....254960-004
DOC NUMBER.....AD668438
INSTR...AFCL-7623-05-01
PROJECT/TASK.....762H/05

AFCL 67-0604
AIR FORCE CAMBRIDGE RESEARCH LABS
STRATOSPHERIC HUMIDITY SENSING WITH THE ALPHA RADIATION
HYGROMETER
ERP NO 153 NOV 1967
BY HENUSAIOS F J
MOMFISSEY J F
OAR ACCESS NO.....254480-001
DOC NUMBER.....AD668123
INSTR...AFCL-6670-01-01
PROJECT/TASK.....6670/01

AFCL 67-0605
WOLF RESEARCH AND DEVELOPMENT CORP
SPECIAL UTILITY PROGRAMS TO ENHANCE THE PERFORMANCE
OF AN ON-LINE MEDIUM SIZE PROCESSOR USED FOR STATISTICAL
INFORMATION EXTRACTION AND EVALUATION FINAL REPORT SEPT
1967
BY ARSENAULT R J
FLINN V M
METHICK L H
PILOLADO N V
WRIGHT J H
OAR ACCESS NO.....268852-001
DOC NUMBER.....AD667872
INSTR...AF-1962H-67-C-0095
PROJECT/TASK.....4648/05

AFCL 67-0606
CASE INSTITUTE OF TECHNOLOGY
ANISOTROPIC MEDIA AND NETWORK SYNTHESIS FINAL REPORT OCT
1967
BY GILLIN R E
HAZONY D
OAR ACCESS NO.....265301-012
DOC NUMBER.....AD666144
INSTR...AF-19/628/01699
PROJECT/TASK.....5635/04

AFCL 67-0607
AMERICAN SCIENCE AND ENGINEERING INC
FLOW AND ELECTRIC FIELD EFFECTS ON THE RESPONSE OF A
STAGNATION POINT MASS SPECTROMETER FINAL REPORT OCT 1967
BY FRANKENTHAL S
OAR ACCESS NO.....256840-001
DOC NUMBER.....AD666450
INSTR...AF-19/628/06005
PROJECT/TASK.....5710/00

AFCL 67-0608
HONEYWELL INC
DEVELOPMENT OF AN EXPERIMENTAL AIRCRAFT HYGROMETER FINAL
REPORT OCT 1967
BY KUHMLER L E
HALLINGER J G
OAR ACCESS NO.....256070-001
DOC NUMBER.....AD6674631
INSTR...AF-19/628/05529
PROJECT/TASK.....6020/02

AFCL 67-0609
POLYTECHNIC INSTITUTE OF BROOKLYN
GUIDING AND SCATTERING OF ELECTROMAGNETIC FIELDS BY
CONJUGATED STRUCTURES
PIUMRI-1371-67 JULY 1967
BY TSENG D Y
OAR ACCESS NO.....272621-007
DOC NUMBER.....AD666449
INSTR...AF-19/628/04324
PROJECT/TASK.....8603/02

AFCL 67-0610
WESTINGHOUSE ELECTRIC CORP
PIEDDELCTRIC THIN FILM TRANSUDERS FINAL REPORT OCT 1967
BY DE KLENK J
OAR ACCESS NO.....266041-008
DOC NUMBER.....AD666671
INSTR...AF-19/628/04372
PROJECT/TASK.....5635/03

AFCL 67-0611
NEW YORK UNIVERSITY
ON A CAUSE OF FAILURE OF HIGH ALTITUDE PLASTIC BALLOONS
NYU-AA-67-111 SCIENTIFIC REPORT NO 2 OCT 1967
BY KERR A D
ALEXANDER H
OAR ACCESS NO.....251041-002
DOC NUMBER.....AD6667192
INSTR...AF-1962H-67-C-0241
PROJECT/TASK.....6665/01

AFCL 67-0612
UNIVERSITY OF TENNESSEE
LINE INTENSITY AND PRESSURE UNLOADING STUDIES IN
HYDROGEN FLUORIDE-AND OTHER PROBLEMS IN INFRARED
SPECTROSCOPY FINAL REPORT SEPT 1967
BY NIELSEN A M
MASON A M
LOVELL H J
JACOBSON M C
GAILMAN M M
OAR ACCESS NO.....261842-002
DOC NUMBER.....AD666496
INSTR...AF-19/628/04323
PROJECT/TASK.....8603/03

AFCL 67-0613
PARAMETRICS INC
A ROCKET BORNE IN DENSITY MEASUREMENT SYSTEM UTILIZING
ELECTRON-DREMSSTRAHLUNG-CALIBRATION AND FLIGHT
SCIENTIFIC REPORT NO 1 NOV 1967
BY SELLERS J
SMITH W
MANSCH F A
OAR ACCESS NO.....754120-001
DOC NUMBER.....AD666887
INSTR...AF-19/628/05343
PROJECT/TASK.....6682/07

AFCL 67-0614
NEW YORK UNIVERSITY
THE VELOCITY AND ATTENUATION OF WAVES IN A HOMOGENEOUS
ELECTROMAGNETIC SCATTERING / PROCEEDINGS OF THE SECOND
INTERDISCIPLINARY CONFERENCE ON ELECTROMAGNETIC
SCATTERING U OF MASS JUNE 1967 GORDON & BREACH 1967 PP
824-834
BY KELLEN J U
OAR ACCESS NO.....263491-006
DOC NUMBER.....AD668191
INSTN...AF-19/628/0338R
PROJECT/TASK.....6635/01

AFCL 67-0615
NEW YORK UNIVERSITY
THE ELECTROSTATIC FIELD AROUND A SPHERICAL CONDUCTING
BODY OF REVOLUTION
SIAM JOURNAL OF APPLIED MATHEMATICS VOL 15 NO 4 JULY 1967
PP 824-841
BY MANDELSON H A
KELLEN J U
OAR ACCESS NO.....263491-007
DOC NUMBER.....AD668192
INSTN...AF-19/628/0338R
PROJECT/TASK.....6635/01

AFCL 67-0616
OHIO STATE UNIVERSITY
DETERMINATION OF THE FIRST DERIVATIVES OF THE DISTURBING
POTENTIAL BY GREENS FUNDAMENTAL FORMULA
REPORT NO 90 SCIENTIFIC REPORT NO 15 OCT 1967
BY KOCH K H
OAR ACCESS NO.....272282-015
DOC NUMBER.....AD667560
INSTN...AF-19/628/05701
PROJECT/TASK.....7600/02

AFCL 67-0617
PENNSYLVANIA STATE UNIVERSITY
RESEARCH IN FOUR-DIMENSIONAL DIAGNOSIS OF CYCLONIC STORM
CLOUD SYSTEMS FINAL REPORT OCT 1967
BY DANIELSEN E F
BLICK R
OAR ACCESS NO.....252850-003
DOC NUMBER.....AD667047
INSTN...AF-19/628/04762
PROJECT/TASK.....6699/02

AFCL 67-0618
AMERICAN SCIENCE AND ENGINEERING INC
ROCKET MEASUREMENTS OF LOW-ENERGY AURORAL ELECTRON ENERGY
SPECTRA FINAL REPORT OCT 1967
BY REIDY W P
MCGILVER E R
OAR ACCESS NO.....273092-001
DOC NUMBER.....AD666895
INSTN...F19628-67-C-0127
PROJECT/TASK.....7663/01

AFCL 67-0619
RADIO CORPORATION OF AMERICA
LOGIC NETS THEIR CHARACTERIZATION RELIABILITY AND
EFFICIENT SYNTHESIS FINAL REPORT OCT 1967
BY KAPLAN K H
SRINIVASAN C V
WINDLER O
OAR ACCESS NO.....26401-005
DOC NUMBER.....AD625441
INSTN...AF-19/628/04780
PROJECT/TASK.....5632/02

AFCL 67-0620
NORTHEASTERN UNIVERSITY
INVESTIGATION OF THE LIGHT SCATTERING TECHNIQUE FOR
COUNTING AND SIZE DETERMINATION OF MICRON-SIZED PARTICLES
FINAL REPORT OCT 1967
BY DUNN J F JR
FOSTER A R
MORIN I J JR
NARDONE I J
SWANSON J L
OAR ACCESS NO.....263721-001
DOC NUMBER.....AD666703
INSTN...AF-19/628/02423
PROJECT/TASK.....7667/01

AFCL 67-0622
AIR FORCE CAMBRIDGE RESEARCH LABS
THE GREAT HURST OF MAY 23 1967
FRD NO 277 NOV 1967
BY CASTELLI J P
ANNONS J
MICHAEL G A
OAR ACCESS NO.....256010-002
DOC NUMBER.....AD663445
INSTN...AFCL-0000-00-01
PROJECT/TASK.....0000/00

AFCL 67-0623
CANADIAN COMMERCIAL CORP
ANTENNA RADIATION PROPERTIES IN PRESENCE OF ANISOTROPIC
PLASMAS
RCA VICTOR RESEARCH REP 7-801-59 SCIENTIFIC REPORT NO 5
JUNE 1967
BY BACHYNSKI W P
GIUBB K A
OAR ACCESS NO.....260571-004
DOC NUMBER.....AD665340
INSTN...AF-19/628/04071
PROJECT/TASK.....6662/02

AFCL 67-0624
CANADIAN COMMERCIAL CORP
TRANSMISSION THROUGH AN ANISOTROPIC PLASMA SLAB AT
ARBITRARY ANGLES OF INCIDENCE
RCA VICTOR RESEARCH REPORT 7-801-59 SCIENTIFIC REPORT NO 4
JUNE 1967
BY GWAF K A
OAR ACCESS NO.....260531-005
DOC NUMBER.....AD665671
INSTN...AF-19/628/04071
PROJECT/TASK.....6662/02

AFCL 67-0625
CANADIAN COMMERCIAL CORP
ANTENNA PROPERTIES IN THE PRESENCE OF ANISOTROPIC
IONIZED MEDIA FINAL REPORT JUNE 1967
BY BACHYNSKI W P
GIUBB K A
GWAF K A
OAR ACCESS NO.....260531-006
DOC NUMBER.....AD666033
INSTN...AF-19/628/04071
PROJECT/TASK.....6662/02

AFCL 67-0626
OHIO STATE UNIVERSITY
KINEMATICAL GEODESY
REPORT NO 92 SCIENTIFIC REPORT NO 16 NOV 1967
BY MUKITZ H
OAR ACCESS NO.....272757-016
DOC NUMBER.....AD66052
INSTN...AF-19/628/05701
PROJECT/TASK.....7600/02

AFCL 67-0627
WESTINGHOUSE ELECTRIC CORP
FABRICATION OF VAPOR-DEPOSITED THIN FILM PIEZOELECTRIC
TRANSDUCERS FOR THE STUDY OF PHONON BEHAVIOR IN
DIELECTRIC MATERIALS AT MICROWAVE FREQUENCIES
PHYSICAL ACOUSTICS VOL 4A PP 195-221 / ACADEMIC PRESS INC
NEW YORK 1966
BY DE KLEWIK J
OAR ACCESS NO.....268441-006
DOC NUMBER.....AD662534
INSTN...AF-19/628/04372
PROJECT/TASK.....5635/03

AFCL 67-0628
WESTINGHOUSE ELECTRIC CORP
ELASTIC CONSTANTS OF A-7N5
J PHYS CHEM SOLIDS VOL 28 PP 1831-1837 / PENGAMEN PRESS
OXFORD 1967
BY DE KLEWIK J
OAR ACCESS NO.....268441-007
DOC NUMBER.....AD662535
INSTN...AF-19/628/04372
PROJECT/TASK.....5635/03

AFCL 67-0629
GIMMEL AERONAUTICAL LABORATORY INC
STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL / U
UH-234-E-3 QUARTERLY TECHNICAL REPORT NO 3 OCT 1967
BY ANDRE S A
OAR ACCESS NO.....268442-003
DOC NUMBER.....AD662581
INSTN...F19628-67-C-0169
PROJECT/TASK.....6671/00

AFCL 67-0630
SMALL DEVELOPMENT COMPANY
THE MECHANICAL ANALYSIS OF QUATERNARY TECTONISM FINAL
REPORT OCT 1967
BY HOWARD J H
OAR ACCESS NO.....253171-001
DOC NUMBER.....AD662635
INSTN...F19678-67-C-0036
PROJECT/TASK.....6623/04

AFCL 67-0631
HUGHES RESEARCH LABS
RESEARCH TOWARD FEASIBILITY OF AN INSTRUMENT FOR MEASURING
VERTICAL GRADIENTS OF GRAVITY FINAL REPORT OCT 1967
BY FORWARD K L
OAR ACCESS NO.....258990-001
DOC NUMBER.....AD628531
INSTN...AF-19/628/06134
PROJECT/TASK.....8607/03

AFCL 67-0632
HUGHES AIRCRAFT CO
STUDY OF APPLICATION OF ANTENNA OPTIMIZATION TECHNIQUES
FINAL REPORT NOV 1967
BY YUONG G U
KSIENSKI A A
OAR ACCESS NO.....252280-005
DOC NUMBER.....AD662341
INSTN...AF-19/628/04358
PROJECT/TASK.....8663/03

AFCL 67-0633
TECHNICAL OPERATIONS INC
EXTENDED DYNAMIC HANGE PROCESSING FINAL REPORT NOV 1967
BY SHEPP A
KAWCHER B
SHUMAN N
OAR ACCESS NO.....252340-001
DOC NUMBER.....AD663437
INSTN...F19628-67-C-0082
PROJECT/TASK.....8663/00

AFCL 67-0634
AIR FORCE CAMBRIDGE RESEARCH LABS
THE INITIAL LIGHT DEPLOYMENT OF HEAVY PAYLOAD TRAINS HEAVY
ASCENDING HIGH-ALTITUDE GALLONS
IP NO 134 NOV 1967
BY DIMCHITY F X
CZEPYHA C G N
REDDY R J
OAR ACCESS NO.....256590-001
ODC NUMBER.....AD66371A
INSTR...AF-19/628/00-02
PROJECT/TASK.....5710/00

AFCL 67-0635
AMERICAN SCIENCE AND ENGINEERING
THE GROWTH OF SINGLE CRYSTALS OF THE CHARGE TRANSFER
COMPLEXES FINAL REPORT NOV 1967
BY COBB C N
WALLIS E N
OAR ACCESS NO.....252780-001
ODC NUMBER.....AD664895
INSTR...AF-19/628/04239
PROJECT/TASK.....8659/01

AFCL 67-0636
NORWEGIAN DEFENSE RESEARCH ESTABLISHMENT
ACOUSTOELECTRIC EFFECTS IN SOLIDS
PROGRESS REPORT NO 4 JUNE 1967
BY HANNESTAD A
OAR ACCESS NO.....256340-005
INSTR...AF-61/052/00958
PROJECT/TASK.....8683/01

AFCL 67-0637
HUGHES AIRCRAFT CO
ANTENNA PROCESSING FOR HIGH-RESOLUTION MAPPING
P 67-241 SCIENTIFIC REPORT NO 5 AUG 1967
BY YOUNG G O
KSIENSKI A A
OAR ACCESS NO.....252780-006
ODC NUMBER.....AD665127
INSTR...AF-19/628/04358
PROJECT/TASK.....8683/03

AFCL 67-0638
NEW YORK UNIVERSITY
ERROR DETECTION CONSIDERATIONS IN NULL RECEPTION SYSTEMS
TECHNICAL REPORT 400-170 EIGHTH SCIENTIFIC REPORT OCT 1967
BY DOBROW S
OAR ACCESS NO.....269532-009
ODC NUMBER.....AD666032
INSTR...AF-19/628/04321
PROJECT/TASK.....4610/03

AFCL 67-0639
COLUMBIA UNIVERSITY
DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY
IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY REFLECTED
FROM THE MANTLE-CORE BOUNDARY
BULL SEISMOLOGICAL SOC OF AMERICA VOL 57 NO 5 PP 829-856
OCT 1967 ADVANCED RESEARCH PROJECTS AGENCY
BY SATO R
ESPINOSA A F
OAR ACCESS NO.....272521-019
ODC NUMBER.....AD662187
INSTR...AF-19/628/04082
PROJECT/TASK.....8652/00

AFCL 67-0640
UPPSALA UNIVERSITY
A SYNTHESIS OF SHORT-PERIOD P-WAVE RECORDS FROM DISTANT
EXPLOSION SOURCES
SCIENTIFIC REPORT NO 34 SEPT 1967
BY KONNAN K
OAR ACCESS NO.....253260-004
ODC NUMBER.....AD663332
INSTR...AF-61/052/00702
PROJECT/TASK.....8652/04

AFCL 67-0641
WEIZMANN INSTITUTE OF SCIENCE
THE ROTATION-TRANSLATION-COUPLING EFFECT IN MOBILE-GAS
CRYSTALS CONTAINING MOLECULAR IMPURITIES
SCIENTIFIC REPORT NO 5 APR 1967
BY FRIEDMAN M
KIMEL S
OAR ACCESS NO.....273351-001
ODC NUMBER.....AD663440
INSTR...AF-61/052/00838
PROJECT/TASK.....8603/03

AFCL 67-0644
HYDRECK RESEARCH ASSOCIATES
COUPLED WAVE EQUATIONS FOR MULTI-MODE INHOMOGENEOUS MEDIA
II
SCIENTIFIC REPORT NO 8 AUG 1967
BY HJALMARSON A
OAR ACCESS NO.....250061-010
ODC NUMBER.....AD668456
INSTR...AF-61/052/00864
PROJECT/TASK.....8603/02

AFCL 67-0645
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A STUDY OF THE PHYSICAL PROPERTIES OF HIGH-TEMPERATURE
SINGLE CRYSTALS FINAL REPORT SEPT 1967
BY SHAKULA A
OAR ACCESS NO.....250440-002
ODC NUMBER.....AD663734
INSTR...AF-19/628/00145
PROJECT/TASK.....5621/05

AFCL 67-0646
UNIVERSITY OF COLORADO
DEVELOPMENT FABRICATION ASSEMBLY AND TESTING OF RIARIAL
POINTING CONTROL AND ASSOCIATED TELEMETRY SYSTEMS FINAL
REPORT NOV 1967
BY STONE V L
WISE F E
CUNNINGHAM M
OAR ACCESS NO.....P72311-001
ODC NUMBER.....AD665897
INSTR...AF-19/628/00911
PROJECT/TASK.....7659/01

AFCL 67-0647
UNIVERSITY OF COLORADO
PROVIDE PAYLOAD FOR AEROSOL RACKET REFINISH AND TEST A
LUNAR POINTING CONTROL AND TELMETRY SYSTEM FINAL REPORT
NOV 1967
BY STONE V L
WISE F E
CUNNINGHAM M
OAR ACCESS NO.....P72312-001
ODC NUMBER.....AD665896
INSTR...AF-19/628/00040
PROJECT/TASK.....8602/05

AFCL 67-0648
AIR FORCE CAMBRIDGE RESEARCH LABS
INVESTIGATION OF CRYSTAL IMPERFECTIONS BY MEANS OF LASER
LIGHT SCATTERING
PSRNO 351 DEC 1967
BY POWELL M C
OAR ACCESS NO.....256470-001
ODC NUMBER.....AD666918
INSTR...AF-19/628/00-01
PROJECT/TASK.....5620/08

AFCL 67-0649
HUGHES AIRCRAFT CO
SYNTHETIC ARMY MAPPING AND TARGET DETECTION /U/
P67-245 SCIENTIFIC REPORT NO 6 SEPT 1967
BY ZEOLI G W
KSIENSKI A A
YOUNG G O
OAR ACCESS NO.....252780-007
ODC NUMBER.....AD666923L
INSTR...AF-19/628/04358
PROJECT/TASK.....8683/03

AFCL 67-0650
SYRACUSE UNIV RESEARCH INSTITUTE
OPTIMIZATION OF PERFORMANCE INDICES IN DISCRETE ARRAY
SYSTEMS FINAL REPORT NOV 1967
BY CHENG D K
OAR ACCESS NO.....258110-004
ODC NUMBER.....AD664082
INSTR...AF-19/628/05668
PROJECT/TASK.....8683/03

AFCL 67-0651
PARKE MATHEMATICAL LABORATORIES INC
ENERGY SPECTRA OF SECONDARY ELECTRONS FROM METALS
SCIENTIFIC REPORT NO 8 NOV 1967
BY SHERMAN C M
GORDON N E
OAR ACCESS NO.....250610-008
ODC NUMBER.....AD665474
INSTR...AF-19/628/02419
PROJECT/TASK.....5620/02

AFCL 67-0652
PARKE MATHEMATICAL LABORATORIES INC
RESEARCH ON ELECTRONIC INTERACTION IN MATERIALS AND ON
DATA PROCESSING THEORY FINAL REPORT NOV 1967
BY PNL STAFF
OAR ACCESS NO.....264152-006
ODC NUMBER.....AD663742
INSTR...AF-19/628/04790
PROJECT/TASK.....5621/06

AFCL 67-0653
HARVARD UNIVERSITY
INFINITE PHASED DIPOLE ARRAY
SCIENTIFIC REPORT NO 21 /SERIES 3/ DEC 1967
BY CHANG V B H
OAR ACCESS NO.....271681-014
ODC NUMBER.....AD664064
INSTR...AF-19/628/02406
PROJECT/TASK.....5635/02

AFCL 67-0654
STANFORD RESEARCH INSTITUTE
POINT-SYMMETRIC GRAPHS WITH A PRIME NUMBER OF POINTS
JOURNAL OF COMBINATORIAL THEORY VOL 3 NO 2 PP 136-145
SEPTEMBER 1967
BY TUNNER J B
OAR ACCESS NO.....258630-001
ODC NUMBER.....AD665942
INSTR...AF-19/628/05903
PROJECT/TASK.....4641/01

AFCL 67-0655
AIR FORCE CAMBRIDGE RESEARCH LABS
SCINTILLATION STUDIES USING THE EARLY BIRD SYNCHRONOUS
SATELLITE 136-MHZ SIGNAL
FRP NO 274 DEC 1967
BY SLACK P F
OAR ACCESS NO.....254100-008
ODC NUMBER.....AD665852
INSTR...AF-19/628/02-01
PROJECT/TASK.....4643/02

AFCL 67-0656
AIR FORCE CAMBRIDGE RESEARCH LABS
HIGH PRESSURE HIGH TEMPERATURE CRYSTAL GROWTH SYSTEM
IP 135 DEC 1967
BY MARSHALL R C
DAR ACCESS NO.....256130-006
DOC NUMBER.....A066435
INSTR...AFCL-5620-08-01
PROJECT/TASK.....5620/06

AFCL 67-0657
MCGILL UNIVERSITY
ALBERTA HALL STUDIES 1966
HW-49 SCIENTIFIC REPORT NO 2 MAY 1967
BY CHISHOLM A J
ENGLISH P
MITCHELL D
PELL J
THYER N H
DAR ACCESS NO.....27127-002
DOC NUMBER.....A066436
INSTR...F146PH-67-C-0129
PROJECT/TASK.....6620/04

AFCL 67-0658
STANFORD UNIVERSITY
BRAGG SCATTERING OF INFRARED RADIATION FROM COMBENT SPIN WAVES
JOURNAL APPLIED PHYSICS VOL 38 NO 8 JULY 1967 PP 3131-3136
BY AULD G A
WILSON D A
DAR ACCESS NO.....256062-004
DOC NUMBER.....A066435
INSTR...AF-19/628/05545
PROJECT/TASK.....5635/03

AFCL 67-0659
UNIVERSITY OF DAYTON
THE DALLUTE A RETARDATION DEVICE AND WIND SENSOR
UDRI-TR-67-144 SCIENTIFIC REPORT NO 3 NOV 1967
BY LUENS J K
DAR ACCESS NO.....269801-003
DOC NUMBER.....A066402
INSTR...AF-19/628/04791
PROJECT/TASK.....6620/04

AFCL 67-0660
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
UNIFORM MODE RESONANCE AND SPIN-WAVE INSTABILITY IN HEMFJ
JOURNAL OF APPLIED PHYSICS VOL 38 NO 3 1 MARCH 1967 PP 1278-1279
BY COLE P H
COURTNEY W C
DAR ACCESS NO.....256730-005
DOC NUMBER.....A066419
INSTR...AF-19/628/05876
PROJECT/TASK.....5635/04

AFCL 67-0661
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FREQUENCY CONVERSION OF SPIN AND SPIN-ELASTIC WAVES IN PULSED MAGNETIC FIELDS
APPLIED PHYSICS LETTERS VOL 10 NO 6 15 MARCH 1967 PP 184-186 AND VOL 11 NO 1 1 JULY 1967 PP 24-26
BY REZENDI S M
MURGENTHAUER F R
DAR ACCESS NO.....256730-006
DOC NUMBER.....A066419
INSTR...AF-19/628/05876
PROJECT/TASK.....5635/03

AFCL 67-0662
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXCHANGE ENERGY STRESS AND MOMENTUM IN A RIGID FERROMAGNET
JOURNAL OF APPLIED PHYSICS VOL 34 NO 3 1 MARCH 1967 PP 1069-1071
BY MURGENTHAUER F R
DAR ACCESS NO.....256730-007
DOC NUMBER.....A066419
INSTR...AF-19/628/05876
PROJECT/TASK.....5635/03

AFCL 67-0663
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETOELASTIC PARALLEL-PUMP INSTABILITIES FOR GENERALLY DIRECTED WAVES
SCIENTIFIC REPORT NO 9 APR 1967
BY COLE P H
DAR ACCESS NO.....256730-008
DOC NUMBER.....A066429
INSTR...AF-19/628/05876
PROJECT/TASK.....5635/03

AFCL 67-0664
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SMALL SIGNAL POWER AND MOMENTUM THEOREMS FOR A MAGNETOELASTIC FERROMAGNET
SCIENTIFIC REPORT NO 9 MAY 1967
BY MURGENTHAUER F R
DAR ACCESS NO.....256730-009
DOC NUMBER.....A066432
INSTR...AF-19/628/05876
PROJECT/TASK.....5635/03

AFCL 67-0665
SYSTEM DEVELOPMENT CORP
CLUSTERS WITH FINITE SIZE FINITENESS IN FAMILIES OF LANGUAGES
TM-730/040/00 SCIENTIFIC REPORT NO 12 OCT 1967
BY ROSE G R
DAR ACCESS NO.....256400-011
DOC NUMBER.....A066408
INSTR...F14628-67-C-0008
PROJECT/TASK.....5635/04

AFCL 67-0666
SYSTEM DEVELOPMENT CORP
ON THE ELIMINATION OF ENDMARKERS
TM-730/040/00 SCIENTIFIC REPORT NO 13 OCT 1967
BY GINSBURG S
MARSHALL M A
DAR ACCESS NO.....256400-012
DOC NUMBER.....A066408
INSTR...F14628-67-C-0008
PROJECT/TASK.....5635/08

AFCL 67-0667
HARVARD UNIVERSITY
RESEARCH IN ELECTROMAGNETIC RADIATION AND ANTENNAS A SUMMARIZING REVIEW FINAL REPORT DEC 1967
BY KING W W P
DAR ACCESS NO.....271681-018
DOC NUMBER.....A066414
INSTR...AF-19/628/04063
PROJECT/TASK.....6638/02

AFCL 67-0668
AIR FORCE CAMBRIDGE RESEARCH LABS
RADAR RETURN FROM TARGETS HIDDEN BY GROUND CLUTTER
MSRP NO 346 DEC 1967
BY GENJES W W
NAUMANN S J
DAR ACCESS NO.....256210-004
DOC NUMBER.....A066408
INSTR...AFCL-5635-08-01
PROJECT/TASK.....5635/05

AFCL 67-0669
UNIVERSITY OF NOTRE DAME
RESEARCH ON SINGLE CRYSTAL ELECTRON EMITTERS FINAL REPORT NOV 1967
BY COULMES F A
BETHAUSKAS A A
DAR ACCESS NO.....266491-002
DOC NUMBER.....A066492
INSTR...AF-19/628/04063
PROJECT/TASK.....6638/02

AFCL 67-0670
AIR FORCE CAMBRIDGE RESEARCH LABS
THE INFLUENCE OF RADIO BRIGHTNESS TEMPERATURE ON SOLAR FLARE PREDICTION
AFSG NO 200 DEC 1967
BY REILLY A E
ENGEL I
DAR ACCESS NO.....256770-002
DOC NUMBER.....A0667838
INSTR...AFCL-8066-01-01
PROJECT/TASK.....8066/01

AFCL 67-0671
NEW YORK UNIVERSITY
AN ASYMPTOTIC FIELD CALCULATION IN THE PENUMBRA REGION
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION VOL AP-15 NO 5 SEPT 1967 PP 704-705
BY RULF H
DAR ACCESS NO.....263491-008
DOC NUMBER.....A066419
INSTR...AF-19/628/03888
PROJECT/TASK.....5635/01

AFCL 67-0672
AIR FORCE CAMBRIDGE RESEARCH LABS
THE JOL LAUNCH TECHNIQUE FOR HIGH-ALTITUDE BALLOONS
IP NO 136 DEC 1967
BY OCHENTY F X
CZEPYHA C S R
MEDLEY R J
DAR ACCESS NO.....256590-003
DOC NUMBER.....A0665859
INSTR...AFCL-5710-08-02
PROJECT/TASK.....5710/00

AFCL 67-0673
AIR FORCE CAMBRIDGE RESEARCH LABS
APPROACH TO THE THREE-ODDY SCATTERING PROBLEM
MSRP NO 347 DEC 1967
BY JASPERSE J R
DAR ACCESS NO.....256150-004
DOC NUMBER.....A0667212
INSTR...AFCL-5621-08-01
PROJECT/TASK.....5621/06

AFCL 67-0674
AIR FORCE CAMBRIDGE RESEARCH LABS
PHOTOPRODUCED AND ELECTROPRODUCED PAIR PAIRS
PSRP NO 348 DEC 1967
BY ROTHWELL P L
DAR ACCESS NO.....256730-002
DOC NUMBER.....A0665881
INSTR...AFCL-8600-08-01
PROJECT/TASK.....8600/08

AFCL 67-0675
STEVENS INSTITUTE OF TECHNOLOGY
STUDY OF STABILITY OF HYDROMAGNETIC PLASMAS AND THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE BEHAVIOR OF IONIZED GASES IN A MAGNETIC FIELD UNDER SHOCK CONDITIONS
BY MOSEK A
DOSTICK W H
DOSHUMK A
EMMENT G
FANDER E
DAR ACCESS NO.....252690-001
DOC NUMBER.....A066432
INSTR...AF-19/628/02396
PROJECT/TASK.....8008/03

APCRL 67-0676
WALTER HODGE & COMPANY INC
DESIGN & FABRICATION OF A SMALL LIGHTWEIGHT EXPENDABLE
TYPE GAS CYLINDER FOR USE WITH HELIUM FINAL REPORT DEC 1967
BY HUNTER T F
DAR ACCESS NO.....754500-001
DDC NUMBER.....AD66309
INSTH...AF-19/628/00080
PROJECT/TASK.....6670/03

APCRL 67-0677
UNIVERSITY OF OREGON
FURTHER STUDIES OF STATISTICAL METEOROLOGY FINAL REPORT
JUNE 1967
BY GODSKE C L
DAR ACCESS NO.....750641-003
DDC NUMBER.....AD663224
INSTH...AF-61/062/00760
PROJECT/TASK.....6624/01

APCRL 67-0678
DUPES UNIVERSITY
METASTABLE HELIUM IN THE UPPER ATMOSPHERE
PLANET SPACE SCI VOL 15 PP 1219 TO 1222 1967
BY PATTERSON T N L
DAR ACCESS NO.....773410-002
DDC NUMBER.....AD664317
INSTH...AF-61/052/00780
PROJECT/TASK.....6627/06

APCRL 67-0679
VITKO LAYS
FLIGHT CONTROL SYSTEMS AND LAUNCHING TECHNIQUES FOR AIR
BALLAST SYSTEMS
TECHNICAL NOTE 02087-02-2 SCIENTIFIC REPORT NO 2 NOV 1967
BY DAVIDSON A W JR
DAR ACCESS NO.....719540-002
DDC NUMBER.....AD66446
INSTH...F19628-67-C-0192
PROJECT/TASK.....6663/01

APCRL 67-0680
HUGHES AIRCRAFT CO
THE EFFECT OF LINEAR FREQUENCY MODULATION ON ANGULAR
RESOLUTION AND POINTING ACCURACY
P67-246 SCIENTIFIC REPORT NO 7 SEPT 1967
BY YOUNG G O
DAR ACCESS NO.....752200-000
DDC NUMBER.....AD66545A
INSTH...AF-14/628/0415H
PROJECT/TASK.....66H/03

APCRL 67-0681
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETOELASTIC AND MAGNETOSTATIC WAVES IN TIME-VARYING
MAGNETIC FIELDS
SCIENTIFIC REPORT NO 10 DEC 1967
BY REZENDE S M
DAR ACCESS NO.....750730-010
DDC NUMBER.....AD664333
INSTH...AF-14/628/05H76
PROJECT/TASK.....66J5/03

APCRL 67-0682
OBSERVATORY OF CBMO
DAILY AND SEASONAL VARIATION OF THE TOTAL ELECTRON CONTENT
OF THE IONOSPHERE OVER TONTOSA
SCIENTIFIC REPORT NO 1 APR 1967
BY GALDIN C
DAR ACCESS NO.....750720-001
INSTH...AF-61/052/00924
PROJECT/TASK.....6643/07

APCRL 67-0683
UNIVERSITY OF MASSACHUSETTS
PAST VERSUS PRESENT WIND ACTION IN THE MOJAVE DESERT
REGION CALIFORNIA
SCIENTIFIC REPORT NO 1 DEC 1967
BY SMITH M T U
DAR ACCESS NO.....702541-001
DDC NUMBER.....AD665137
INSTH...AF-14/628/0244A
PROJECT/TASK.....66C1/02

APCRL 67-0684
TRW INC
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
06415-0007-0000 SCIENTIFIC REPORT NO 2 NOV 1967
BY MERRILLIAMS D A
DAVIS L C
DAR ACCESS NO.....751740-002
DDC NUMBER.....AD664927
INSTH...F19628-67-C-02027

APCRL 67-0685
NORTHEASTERN UNIVERSITY
INVESTIGATION OF SILICON STATE DEVICES AND MATERIALS FINAL
REPORT SEPT 1967
BY CUCHRAN U L
DAR ACCESS NO.....707421-002
DDC NUMBER.....AD664837
INSTH...AF-14/628/05754
PROJECT/TASK.....6609/05

APCRL 67-0686
STANFORD RESEARCH INSTITUTE
DECOMPOSITION THEORY OF SEMIAUTOMATA AND AUTOMATA FINAL
REPORT DEC 1967
BY UNOJECT 6788 DEC 1967
BY VIELI W
TUMPHW J
DAR ACCESS NO.....751041-001
DDC NUMBER.....AD666084
INSTH...F19628-67-C-0245
PROJECT.....6641

APCRL 67-0687
LITTON SYSTEMS INC
EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF
TRANSMITTING ANTENNAS
ATD-11-67-006 QUARTERLY TECHNICAL REPORT NO 1 SEPT 1967
BY WADEH R C
HUSEK R M
PENFOLD A S
SLEMMANN G H
DAR ACCESS NO.....750300-001
DDC NUMBER.....AD667072
INSTH...F19628-68-C-0001
PROJECT/TASK.....6671/00

APCRL 67-0688
UNIVERSITY OF OREGON
THEORY OF PHOTOELECTRIC DETECTION
SCIENTIFIC REPORT NO 1 DEC 1967
BY LEHMUEG H H
DAR ACCESS NO.....750570-002
DDC NUMBER.....AD66579
INSTH...F19628-68-C-0062
PROJECT/TASK.....6634/06

APCRL 67-0689
DANISH METEOROLOGICAL INSTITUTE
IONOSPHERIC RESEARCH USING SATELLITES
PROGRESS REPORT NO 9 SEPT 1967
BY LUNDJAK A N
MIKKELSEN I S
DAR ACCESS NO.....750100-003
DDC NUMBER.....AD663753
INSTH...AF-61/052/0042A
PROJECT/TASK.....6643/02

APCRL 67-0690
UNIVERSITY OF STATE UNIVERSITY
INTERPRETATION AND APPLICATION OF TRANSIENT AND IMPULSE
RESPONSE APPROXIMATIONS IN ELECTROMAGNETIC SCATTERING
PROBLEMS
ELECTROSCIENCE LABORATORY 2415-1 MAR 1968
BY MUFFATT D L
DAR ACCESS NO.....752141-001
DDC NUMBER.....AD666124
INSTH...F19628-67-C-0239
PROJECT/TASK.....6635/02

APCRL 67-0691
UNIO STATE UNIVERSITY
TRANSIENT CURRENTS ON A PERFECTLY-CONDUCTING CYLINDER
ILLUMINATED BY UNIT-STEP AND IMPULSIVE PLANE WAVES
ELECTROSCIENCE LABORATORY 2415-2 MAY 1968
BY SCHAFER H H
DAR ACCESS NO.....752141-002
DDC NUMBER.....AD664536
INSTH...F19628-67-C-0239
PROJECT/TASK.....6635/02

APCRL 67-0693
SPACE SCIENCES INC
A STUDY OF THE USE OF CHEMICAL ADDITIVES FOR THE
ALLEVATION OF THE PLASMA SHEATH PROBLEM
SSI-240 SCIENTIFIC REPORT NO 2 DEC 1967
BY AISENBERG S
DAR ACCESS NO.....751760-002
DDC NUMBER.....AD629211
INSTH...AF-19/628/05047
PROJECT/TASK.....6642/02

APCRL 67-0694
VARIAN ASSOCIATES
AIRBORNE RECONNAISSANCE MAGNETOMETER SYSTEM /U/ FINAL
REPORT DEC 1967
BY MCNIDE R A
DAR ACCESS NO.....754292-001
DDC NUMBER.....AD667124L
INSTH...F19628-67-C-0144
PROJECT/TASK.....7601/03

APCRL 67-0695
AIR FORCE CAMBRIDGE RESEARCH LABS
A COMPARISON OF REPORTED SOLAR FLARE OCCURRENCE TIMES AND
FLARE PATCH TIMES 1955-1964
SO-CIAL REPORTS NO 64 DEC 1967
BY POSTADLO P T
BAKER H H
DAR ACCESS NO.....757670-003
DDC NUMBER.....AD667202
INSTH...AF-61/052-01-01
PROJECT/TASK.....6646/01

APCRL 67-0696
STANFORD UNIVERSITY
WAVE-FRONT OBSERVATIONS AT 35 GHZ ON A LINE-OF-SIGHT RADIO-
WAVE PROPAGATION PATH
INTERIM SCIENTIFIC REPORT NO 2274-1 SU-SEL-68-015 JULY 1967
BY LEE J W
WATKINSON A T
DAR ACCESS NO.....751740-002
DDC NUMBER.....AD664100
INSTH...AF-14/628/05084
PROJECT/TASK.....6622/01

APCRL 68-0001
UNIVERSITY OF CALIFORNIA
OBSERVATIONS OF STRATOSPHERIC CLEAR-AIR TURBULENCE AND
MOUNTAIN WAVES OVER THE SIERRA NEVADA MOUNTAINS FINAL
REPORT DEC 1967
BY MELVEY M A
OAR ACCESS NO.....269880-001
DOC NUMBER.....A0667222
INSTR...AF-19/628/00146
PROJECT/TASK.....0004/02

APCRL 68-0002
STANFORD RESEARCH INSTITUTE
LOGIC DESIGN TECHNIQUES FOR PROPAGATION LIMITED NETWORKS
FINAL REPORT NOV 1967
BY GOLDBERG J
GREEN M H
KAUTZ W M
LEVITT K M
PEASE M C
OAR ACCESS NO.....281871-001
DOC NUMBER.....A0667563
INSTR...AF-19/628/05920
PROJECT/TASK.....4041/01

APCRL 68-0003
GENERAL DYNAMICS CORP
MEASUREMENTS OF CLOUD REFLECTANCE PROPERTIES AND THE
ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED ENERGY FINAL
REPORT DEC 1967
BY GRIGGS M
HANGGRAF W A
OAR ACCESS NO.....255900-002
DOC NUMBER.....A0666936
INSTR...AF-19/628/05517
PROJECT/TASK.....0608/03

APCRL 68-0004
MATERIALS RESEARCH CORP
INVESTIGATION OF ELECTRON BEAM AND MULLOW CATODE
PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL
REPORT NOV 1967
BY CLASS W
OAR ACCESS NO.....250751-001
DOC NUMBER.....A0665878
INSTR...F19628-67-C-0124
PROJECT/TASK.....5020/06

APCRL 68-0005
STANFORD RESEARCH INSTITUTE
PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE FINAL
REPORT NOV 1967
BY ELSPAS D
KAUTZ W H
STONE M S
OAR ACCESS NO.....251431-004
DOC NUMBER.....A0668085
INSTR...AF-19/628/05628
PROJECT/TASK.....4041/01

APCRL 68-0006
NEW YORK UNIVERSITY
COSMIC RAY NEUTRON STUDIES FINAL REPORT DEC 1967
BY KORFF S A
MENDEL R B
SANDIE W G
OAR ACCESS NO.....251120-001
DOC NUMBER.....A0668551
INSTR...AF-19/628/00379
PROJECT/TASK.....0800/03

APCRL 68-0007
KANSAS STATE UNIVERSITY
INFRARED ABSORPTANCE OF CU AND NZO AT REDUCED TEMPERATURES
K S U PROJECT GLOBE SCIENTIFIC REPORT NO 1 DEC 1967
BY HOOVER G M
OAR ACCESS NO.....253490-001
DOC NUMBER.....A0666089
INSTR...AF-19/628/04315
PROJECT/TASK.....7670/03

APCRL 68-0008
KANSAS STATE UNIVERSITY
STUDY OF THE EFFECTS OF ATMOSPHERIC PARAMETERS ON INFRARED
TRANSMISSION MEASUREMENTS AND THE EFFECTS ON NON-THERMAL OR
CONCENTRATED SOURCES FINAL REPORT DEC 1967
BY WILLIAMS D
OAR ACCESS NO.....253490-002
DOC NUMBER.....A0666089
INSTR...AF-19/628/04315
PROJECT/TASK.....7670/03

APCRL 68-0009
AIR FORCE CAMBRIDGE RESEARCH LABS
THE SOLAR EXTREME ULTRAVIOLET SPECTRUM BETWEEN 30 MARCH
1966 AND 17 JANUARY 1967
ERP NO 280 JAN 1968
BY HIGGINS J E
OAR ACCESS NO.....254650-004
DOC NUMBER.....A0667538
INSTR...AF-19/628/00000
PROJECT/TASK.....0000/06

APCRL 68-0010
UNIVERSITY OF UTAH
ROCKET AND SATELLITE TECHNIQUES FOR MEASUREMENT OF ELECTRON
DENSITY AND RELATED IONOSPHERIC PARAMETERS FINAL REPORT DEC
1967
BY HUNT D A
ALLRED G D
WESTLUND C H
OAR ACCESS NO.....259532-005
DOC NUMBER.....A0666671
INSTR...AF-19/628/05044
PROJECT/TASK.....5710/00

APCRL 68-0012
AIR FORCE CAMBRIDGE RESEARCH LABS
THE UNSOLVABILITY OF THE EQUIVALENCE PROBLEM FOR A-FREE
NONDETERMINISTIC GENERALIZED MACHINERY
PSNR NO 349 JAN 1968
BY GRIFFITHS T V
OAR ACCESS NO.....254380-006
DOC NUMBER.....A0667209
INSTR...AF-19/628/00001
PROJECT/TASK.....5632/05

APCRL 68-0013
AIR FORCE CAMBRIDGE RESEARCH LABS
USE OF THE AN/PBP-7 FOR QUANTITATIVE WEATHER RADAR
MEASUREMENTS
IP NO 137 JAN 1968
BY PAULSEN W H
OAR ACCESS NO.....254490-001
DOC NUMBER.....A0666936
INSTR...AF-19/628/00001
PROJECT/TASK.....0670/02

APCRL 68-0014
BOSTON COLLEGE
RESEARCH DIRECTED TOWARD THE COLLECTION REDUCTION AND
EVALUATION OF GEOMAGNETIC FIELD DATA FINAL REPORT JAN 1968
BY DEVAH J F
HOGAN J E
OAR ACCESS NO.....263322-001
DOC NUMBER.....A0668080
INSTR...AF-19/628/04193
PROJECT/TASK.....7601/03

APCRL 68-0016
UPPSALA UNIVERSITY
COSMIC RAY INTENSITY VARIATIONS DURING 1966
SCIENTIFIC NOTE NO 4 SEPT 1967
BY SANDSTROM A E
UTRING E
LAMPERS O
LINOGREN S
SPURE R
OAR ACCESS NO.....269671-004
DOC NUMBER.....A0664341
INSTR...AF-61/052/00868
PROJECT/TASK.....0800/07

APCRL 68-0017
UNIVERSITY OF LEEDS
THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE
ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE
TOWNSEND REGION FINAL REPORT OCT 1967
BY MYLEN A E D
DARGAN C L
OAR ACCESS NO.....253320-003
DOC NUMBER.....A0668528
INSTR...AF-61/052/00812
PROJECT/TASK.....4642/03

APCRL 68-0019
PANKE MATHEMATICAL LABS
RESEARCH ON RADIATION EFFECTS IN SOLIDS FINAL REPORT DEC
1967
BY PARKE N G
OAR ACCESS NO.....250610-008
DOC NUMBER.....A0668040
INSTR...AF-19/628/00000
PROJECT/TASK.....5620/02

APCRL 68-0020
UNIVERSITY OF GHANA
STUDIES OF THE EQUATORIAL IONOSPHERE USING
TRANSMISSIONS FROM ACTIVE SATELLITES FINAL REPORT SEPT 1967
BY KOSTER J M
OAR ACCESS NO.....250110-002
INSTR...AF-61/052/00800
PROJECT/TASK.....4643/02

APCRL 68-0021
CORNELL UNIVERSITY
PHOTOLASTIC AMPLIFICATION OF LIGHT AND THE GENERATION OF
HYPERMAGNETIC BY THE STIMULATED BRILLOUIN PROCESS
PHYSICAL REVIEW LETTERS VOL 19 NO 11 PP623-626 11 SEPT
1967
BY WALDER J
TANG C L
OAR ACCESS NO.....257980-003
DOC NUMBER.....A0669133
INSTR...AF-19/628/05677
PROJECT/TASK.....4643/07

APCRL 68-0022
UNIVERSITY OF OSLO
THE TOWEN TELESCOPE OF THE OSLO SOLAR OBSERVATORY HANSTUA
SCIENTIFIC REPORT NO 1 /69/ MAY 1967
BY BRANDE M
OAR ACCESS NO.....252812-001
DOC NUMBER.....A0666025
INSTR...Fh1052-67-C-0070
PROJECT/TASK.....7649/06

APCRL 68-0023
ISTITUTO DI ELETTRONICA DELL'UNIVERSITA DI ROMA
PROPAGATION OF WAVES IN SPECIAL MEDIA AND GEOMETRIES FINAL
REPORT NOV 1967
BY BARZILAI G
GERUSA G
OAR ACCESS NO.....260411-008
DOC NUMBER.....A0664576
INSTR...AF-61/052/00007
PROJECT/TASK.....0803/01

AFCHL 6A-0024
TRAVELERS RESEARCH CENTER INC
SOLAR EVENT FORECAST AIDS FINAL REPORT MAY 1968
BY ENGER I
DAR ACCESS NO.....757970-002
DOC NUMBER.....AD664968
INSTR...AF-14/028/00129
PROJECT/TASK.....R666/01

AFCHL 6A-0025
DANKE MATHEMATICAL LABORATORIES INC
THE SECTIONS IN STABLE PLANE SHOTS
SCIENTIFIC REPORT NO 3 DEC 1967
BY CALANI L
RILEY J A
DAR ACCESS NO.....250290-003
INSTR...AF-14/028/05711
PROJECT/TASK.....L628/03

AFCHL 6B-0026
UNIVERSITY OF MICHIGAN
CORRELATION MEASUREMENTS OF LASER BEAM FLUCTUATIONS NEAR
THRESHOLD
PHYSICS LETTERS VOL 25A NO 9 6
BY DAVIDSON P
MANDEL L
NOV 1967 0700-701
DAR ACCESS NO.....253990-006
DOC NUMBER.....AD666092
INSTR...AF-14/028/06092
PROJECT/TASK.....R666/02

AFCHL 6B-0027
UNIVERSITY OF MICHIGAN
NETWORK THEORY PROBLEMS IN IMPEDANCE LOADING
5548-A-T SCIENTIFIC REPORT NO 8 JAN 1968
BY MCNAMON K L
BRAIN A R
KASEVICH M S
DAR ACCESS NO.....272691-003
DOC NUMBER.....AD665472
INSTR...AF-14/028/02374
PROJECT/TASK.....R666/02

AFCHL 6B-0029
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
GREENS FUNCTIONS OF THE RYTOV EQUATION
PSRP NO 350 JAN 1968
BY MAND K
DAR ACCESS NO.....257000-001
DOC NUMBER.....AD669000
INSTR...AFCHL-6B00-00-01
PROJECT/TASK.....R666/02

AFCHL 6B-0030
AIR FORCE CAMBRIDGE RESEARCH LABS
SUPPLEMENT TO 1955 INSTRUCTION MANUAL NO 10 COSMIC RAY
TABLES ASYMPTOTIC DIRECTIONS VARIATIONAL COEFFICIENTS AND
CUTOFF RIGIDITIES
SPECIAL REPORTS NO 71 JAN 1968
BY SHEA M A
SMART D F
MC CRACKEN K G
RAO U R
DAR ACCESS NO.....256730-003
DOC NUMBER.....AD667839
INSTR...AFCHL-6B00-00-01
PROJECT/TASK.....R666/02

AFCHL 6B-0031
ENVIRONMENTAL SCIENCE SERVICES ADMIN
ELECTROMAGNETIC FIELDS IN A SPHERICAL CAVITY WITH A
CONCENTRIC ANISOTROPIC SHELL SYSTEM
CANADIAN JOURNAL OF PHYSICS VOL 46 NO 11 1968 JULY 1
1968
BY WATT J R
LAYGE D H
DAR ACCESS NO.....756150-001
DOC NUMBER.....AD667853
INSTR...PRD -00R23-67
PROJECT/TASK.....R666/02

AFCHL 6B-0032
BRANDIS UNIVERSITY
STUDIES IN TRANSFORMATIONAL GRAMMAR AND RELATED TOPICS
FINAL REPORT JAN 1968
BY ANDERSON S H
JACKENDOFF M S
KEYSEN S J
DAR ACCESS NO.....257670-002
DOC NUMBER.....AD668768
INSTR...AF-14/028/05524
PROJECT/TASK.....R666/02

AFCHL 6B-0033
SPERRY RAND RESEARCH CENTER
UTILITY OF QUANTIZED MODELS OF FAILING FOR FORUM ANALYSIS
FINAL REPORT JAN 1968
BY COMB R
DAR ACCESS NO.....259270-001
DOC NUMBER.....AD665135
INSTR...AF-14/028/07-C-0053
PROJECT/TASK.....R666/02

AFCHL 6B-0035
UNIVERSITY OF ILLINOIS
COHERENCE OF LASER RADIATION
TECHNICAL REPORT NO 14 DEC 1967 ANTENNA LABORATORY NO 67-9
BY HAYAZI Y N
DAR ACCESS NO.....273130-004
DOC NUMBER.....AD666435
INSTR...AF-14/028/04119
PROJECT/TASK.....R666/02

AFCHL 6B-0036
UNIVERSITY OF MICHIGAN
SCATTERING BY A SPHERICAL SHELL WITH A CIRCULAR
APERTURE
5548-T-7 SCIENTIFIC REPORT NO 7 JAN 1968
BY CHANG S
DAR ACCESS NO.....272691-004
DOC NUMBER.....AD665471
INSTR...AF-14/028/02374
PROJECT/TASK.....R666/02

AFCHL 6B-0037
GENERAL ELECTRIC CO
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS
GE REPORT NO 67507343 THIRD QUARTERLY TECHNICAL REPORT VOL
1 OF 2 DEC 1967
BY BISHING P E
MCNAMON D L
JORDAN A R
DAR ACCESS NO.....259820-004
DOC NUMBER.....AD668878
INSTR...AF-14/028/07-C-0210
PROJECT/TASK.....R666/02

AFCHL 6B-0038
GENERAL ELECTRIC COMPANY
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS
207
GE REPORT NO 67507343-A DEC 1967
BY BISHING P E
JORDAN A R
KINKEAD W K
LANTZ N F
SCHEMER P M
DAR ACCESS NO.....259820-005
DOC NUMBER.....AD668878
INSTR...AF-14/028/07-C-0210
PROJECT/TASK.....R666/02

AFCHL 6B-0040
UNIVERSITY OF MICHIGAN
INVESTIGATION OF REACTIVE LOADING FINAL REPORT JAN 1968
BY SENIOR T H A
LIEBA V V
DAR ACCESS NO.....272691-005
DOC NUMBER.....AD668877
INSTR...AF-14/028/02374
PROJECT/TASK.....R666/02

AFCHL 6B-0041
INTERNATIONAL TELEPHONE AND TELEGRAPH CORP
RESEARCH ON INFRARED CELESTIAL BACKGROUNDS FINAL REPORT
DEC 1967
BY PRICE S D
DAR ACCESS NO.....750150-001
DOC NUMBER.....AD671526
INSTR...AF-14/028/05040
PROJECT/TASK.....R666/02

AFCHL 6B-0042
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
NEAR INFRARED PHOTOMETRY OF LATE TYPE STARS
LMP NO 281 FEB 1968
BY WALKER R G
DAR ACCESS NO.....256810-003
DOC NUMBER.....AD669566
INSTR...AFCHL-6B00-00-01
PROJECT/TASK.....R666/02

AFCHL 6B-0043
UNIVERSITY OF WASHINGTON
STUDY ON PERIODIC STRUCTURES IN TOR PARTS
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION ALSO FROM THE
PROCEEDINGS OF THE IEEE
BY SIGELMANN M A
DAR ACCESS NO.....271662-003
DOC NUMBER.....AD668818
INSTR...AF-14/028/05879
PROJECT/TASK.....R666/02

AFCHL 6B-0044
COLUMBIA UNIVERSITY
EXPERIMENTAL INVESTIGATION OF PLASMA MICROINSTABILITIES IN
CROSSED MAGNETIC AND AC ELECTRIC FIELDS
PLASMA LABORATORY REPORT NO 38 SCIENTIFIC REPORT NO 4 DEC
1967
BY ANASTASSIADES A J
DAR ACCESS NO.....261712-008
DOC NUMBER.....AD667548
INSTR...AF-14/028/05832
PROJECT/TASK.....R666/02

AFCHL 6B-0045
FAIRCHILD SEMICONDUCTOR CORP
RADIATION STUDY ON MOS STRUCTURES
SCIENTIFIC REPORT NO 4 JAN 1968
BY SNOW R H
FITZGERALD D J
DAR ACCESS NO.....259150-004
DOC NUMBER.....AD666435
INSTR...AF-14/028/05747
PROJECT/TASK.....R666/02

AFCHL 6B-0046
INTERNATIONAL BUSINESS MACHINES CORP
PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS FINAL REPORT
FEB 1968
BY COURRY L
DAR ACCESS NO.....750051-002
DOC NUMBER.....AD666087
INSTR...AF-14/028/06065
PROJECT/TASK.....R666/02

AFCHL 64-0047
AVCO CORP
INTERACTION OF THE EARTH'S MAGNETIC FIELD WITH THE SOLAR
WIND FINAL REPORT DEC 1967
BY PATRICK R M
OAH ACCESS NO.....254770-001
DDC NUMBER.....A066642
INST.....AF-19/62/0408A
PROJECT/TASK.....606703

AFCHL 64-0048
GENERAL ELECTRIC CO
A SOLID-STATE DEVICE CONCEPTS FINAL REPORT JAN 1968
BY AVEY M
GAMBAGE R
HALL M A
RICHARDSON J D
OAH ACCESS NO.....254042-002
DDC NUMBER.....A066643
INST.....AF-19/62/0407D
PROJECT/TASK.....4603/05

AFCHL 64-0049
HARVARD UNIVERSITY
A METHOD OF OBTAINING THE IMPEDANCE OF AN ANTENNA IN A
DISSIPATIVE MEDIUM FROM THAT IN AIR
CRUIT LABORATORY SCIENTIFIC REPORT NO 1 FEB 1968
BY IIZUKA K
OAH ACCESS NO.....271022-001
DDC NUMBER.....A066706
INST.....AF-19/62/04-C-0010
PROJECT/TASK.....5035/02

AFCHL 64-0050
BLUCK ENGINEERING INC
EXPERIMENTAL STUDY PROGRAM TO INVESTIGATE LIMITATIONS IN
FOURIER SPECTROSCOPY FINAL REPORT JAN 1968
BY COLEMAN I
MARTZ L N
OAH ACCESS NO.....254040-001
DDC NUMBER.....A066500
INST.....AF-19/62/04-C-0167
PROJECT/TASK.....6063/05

AFCHL 64-0051
UNIVERSITY OF NEW HAMPSHIRE
THE 11-YEAR SOLAR MODULATION OF COSMIC RAYS AS DEDUCED FROM
DEC 1967
ENERGIES
JOURNAL OF GEOPHYSICAL RESEARCH VOL 72 NO 23 5977-5989 1
BY LOCKWOOD J A
WELCH N T
OAH ACCESS NO.....253421-004
DDC NUMBER.....A066592
INST.....AF-19/62/02352
PROJECT/TASK.....6000/07

AFCHL 64-0052
AIR FORCE CAMBRIDGE RESEARCH LABS
RESONANT-REGION RADAR AND OTHER ANTICLUTTER TECHNIQUES FOR
INSTRUMENTATION PAPERS NO 138 FEB 1968
BY SLEETEN C J
FELIS C E
GOGGINS W D
BLACKSMITH D
JEMP R F
OAH ACCESS NO.....254210-005
DDC NUMBER.....A066622L
INST.....AFCHL-5635-05-01
PROJECT/TASK.....5635/05

AFCHL 64-0053
BOLT BERANEK AND NEWMAN INC
ON MAN-COMPUTER INTERACTION A MODEL AND SOME RELATED ISSUES
SCIENTIFIC REPORT NO 1 JUN REPORT NO 1963 SEPT 1967
BY CARDONELL J W
OAH ACCESS NO.....251641-001
DDC NUMBER.....A066605
INST.....AF-19/62/04-C-0125
PROJECT/TASK.....4658/00

AFCHL 64-0054
BOLT BERANEK AND NEWMAN INC
HUMAN FACTORS AND THE DESIGN OF TIME SHARING COMPUTER
SYSTEMS
HNN REPORT NO 1570 SCIENTIFIC REPORT NO 2 NOV 1967
BY NICKERSON R S
FLKIND J S
CARDONELL J W
OAH ACCESS NO.....251641-002
DDC NUMBER.....A066643
INST.....AF-19/62/04-C-0125
PROJECT/TASK.....4658/00

AFCHL 64-0055
BOLT BERANEK AND NEWMAN INC
SOME DISCUSSION AND EXTENSION OF HANFRED NIEMWISCHS WORK ON
GERMAN ADJECTIVALS
HNN REPORT NO 1568 SCIENTIFIC REPORT NO 1 NOV 1967
BY TELLEN D
OAH ACCESS NO.....251641-003
DDC NUMBER.....A066605
INST.....AF-19/62/04-C-0125
PROJECT/TASK.....4658/00

AFCHL 64-0056
BOLT BERANEK AND NEWMAN INC
A SEMANTIC ANALYSIS OF ENGLISH LOCATIVE PREPOSITIONS
HNN REPORT NO 1567 SCIENTIFIC REPORT NO 4 JAN 1968
BY COOPER G S
OAH ACCESS NO.....251641-004
DDC NUMBER.....A066643
INST.....AF-19/62/04-C-0125
PROJECT/TASK.....4658/00

AFCHL 64-0057
AIR FORCE CAMBRIDGE RESEARCH LABS
SPECTROMETERIC STANDARDS FOR THE 1962 TOTAL SOLAR
ECLIPSE
INSTRUMENTATION PAPERS NO 139 FEB 1968
BY ORRALL F J
OAH ACCESS NO.....254250-002
DDC NUMBER.....A066601
INST.....AFCHL-7849-06-02
PROJECT/TASK.....7849/06

AFCHL 64-0058
GENERAL ELECTRIC COMPANY
STUDIES OF THERMIONIC ENERGY CONVERSION FINAL REPORT APR
1968
BY HOUSTON J M
WEBSTER M F
OAH ACCESS NO.....272021-001
DDC NUMBER.....A0666106
INST.....AF-19/62/04334
PROJECT/TASK.....0054/02

AFCHL 64-0059
BRANDIS UNIVERSITY
QUANTUM STATISTICS OF COUPLED OSCILLATOR SYSTEMS
SCIENTIFIC REPORT NO 2 JAN 1968
BY MULLER H R
OAH ACCESS NO.....260570-001
DDC NUMBER.....A0670605
INST.....AF-19/62/04-C-0062
PROJECT/TASK.....5036/06

AFCHL 64-0060
NEW YORK UNIVERSITY
ASYMPTOTIC SOLUTION OF INITIAL BOUNDARY-VALUE PROBLEMS FOR
HYPERBOLIC SYSTEMS
PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY OF
LONDON NO 1129 VOL 262 DEC 1967 PP387-411
BY GRANOFF H
LEWIS M N
OAH ACCESS NO.....260792-002
DDC NUMBER.....A0666135
INST.....AF-19/62/04065
PROJECT/TASK.....4603/02

AFCHL 64-0061
UNIVERSITY OF ROCHESTER
LOSSES IN RUBY LASERS THE SUPERICAL-MINOR FADRY-RENOT
INTERFEROMETER FINAL REPORT DEC 1967
BY HERCHER M
ROSEN A N
OAH ACCESS NO.....253440-001
DDC NUMBER.....A0667361
INST.....AF-19/62/05105
PROJECT/TASK.....4600/02

AFCHL 64-0062
UNIVERSITY OF NEW HAMPSHIRE
THE HADRD INTERFEROMETER
ASL-07-A SCIENTIFIC REPORT NO 1 DEC 1967
BY PRUST A D
CLARA M R
OAH ACCESS NO.....250660-001
DDC NUMBER.....A0666773
INST.....AF-19/62/04087
PROJECT/TASK.....5629/01

AFCHL 64-0063
COLUMBIA UNIVERSITY
STUDY OF A COMPUTER FOR DIRECT EXECUTION OF LIST PROCESSING
LANGUAGE FINAL REPORT JAN 1968
BY NASHKOR T N
KEPT D
SASSON A
OAH ACCESS NO.....260622-001
DDC NUMBER.....A0666399
INST.....AF-19/62/05064
PROJECT/TASK.....4601/02

AFCHL 64-0064
BRANDIS UNIVERSITY
ON THE PHYSICAL REALITY OF ELECTROMAGNETIC POTENTIALS
PHYSICS LETTERS VOL 25A NO 7 PP495-496 9 OCTOBER 1967
BY GOLUB M
CAMMICO J P
STEIN I S
WEISSKOPF M C
OAH ACCESS NO.....252871-002
DDC NUMBER.....A0666399
INST.....AF-19/62/04087
PROJECT/TASK.....4605/02

AFCHL 64-0065
UNIVERSITY OF UTAH
HAYLIGH-HORNE INSTRUMENTATION TO DETERMINE AIR DENSITY BY
RAYLIGHT-SCATTERED LIGHT
UO-64-1 SCIENTIFIC REPORT NO 1 JAN 1968
BY HOWLETT L C
SWIGART J J
OAH ACCESS NO.....272322-001
DDC NUMBER.....A0675607
INST.....AF-19/62/04-C-0327
PROJECT/TASK.....6690/01

AFCHL 64-0066
JASONI CORP OF AMERICA
FUNDAMENTALS OF THRESHOLD LOGIC
SCIENTIFIC REPORT NO 1 JAN 1968
BY WILSON R D
OAH ACCESS NO.....260762-001
DDC NUMBER.....A0666650
INST.....AF-19/62/04-C-0070
PROJECT/TASK.....5632/02

AFCL 68-0067
PENNSYLVANIA STATE UNIVERSITY
MULTI-MODE WAVE COUPLING IN INHOMOGENEOUS ANISOTROPIC
MEDIA - WITH SOME MAGNETOIONIC APPLICATIONS
SCIENTIFIC REPORT NO 295 APR 1967
BY HYDRECK D E M
DAR ACCESS NO.....267711-022
DOC NUMBER.....AD665875
INSTN...AF-19/028/04016
PROJECT/TASK.....0605/02

AFCL 68-0068
AIR FORCE CAMBRIDGE RESEARCH LABS
W/ ATMOSPHERIC DENSITY FROM DRAG ON LOW ALTITUDE
SATELLITES REPORT 2
AFSC NO 202 FEB 1968
BY CHAMPION K S W
ALMASIAN H
DAR ACCESS NO.....254670-001
DOC NUMBER.....AD387486
INSTN...AFCL-0690-05-01
PROJECT/TASK.....0690/05

AFCL 68-0070
INTERNATIONAL BUSINESS MACHINES CORP
SPECIFICATION AND UTILIZATION OF A TRANSFORMATIONAL
GRAMMAR
SCIENTIFIC REPORT NO 2 OCT 1967
BY ROSENBAUM M S
ROBINSON J J
POSTAL P M
DAR ACCESS NO.....265402-003
DOC NUMBER.....AD667800
INSTN...AF-12/028/05177
PROJECT/TASK.....0641/02

AFCL 68-0071
STANFORD RESEARCH INSTITUTE
RADIATION AND RECEPTION OF ELECTROMAGNETIC ENERGY FROM
AIRCRAFT AND GUIDED MISSILES FINAL REPORT DEC 1967
BY NAMEVICZ J E
DAR ACCESS NO.....271592-005
DOC NUMBER.....ADH30302
INSTN...AF-17/028/04800
PROJECT/TASK.....0600/10

AFCL 68-0072
UNIVERSITY OF MINNESOTA
STUDY OF COLLISION PROCESSES IN GASEOUS PLASMAS FINAL
REPORT JAN 1968
BY OSKAM H J
DAR ACCESS NO.....251090-002
DOC NUMBER.....AD666940
INSTN...AF-19/028/04794
PROJECT/TASK.....0642/03

AFCL 68-0073
VICTORIA UNIVERSITY OF MANCHESTER
RELATIVE HEIGHTS OF PHOTOGRAPHIC FEATURES OF THE MORN FINAL
REPORT NOV 1967
BY KOPAL Z
DAR ACCESS NO.....253741-002
DOC NUMBER.....AD666071
INSTN...AF-11/028-0044-04
PROJECT/TASK.....0654/01

AFCL 68-0074
ROYAL INSTITUTE OF TECHNOLOGY
ON THE FIRST EXCITED STATE OF NI SUTEN PLUS
SCIENTIFIC REPORT NO 10 AUG 1967
BY SJOGREN H
SZABO I
DAR ACCESS NO.....251300-009
DOC NUMBER.....AD666078
INSTN...AF-01/027/00762
PROJECT/TASK.....0635/04

AFCL 68-0075
ROYAL INSTITUTE OF TECHNOLOGY
IONIZATION FRAGMENTATION AND ION-MOLECULE REACTIONS OF NH
BURN THRU AFTER ION IMPACT
SCIENTIFIC REPORT NO 9 AUG 1967
BY SAMLSTROM G
SZABO I
DAR ACCESS NO.....251300-010
DOC NUMBER.....AD666077
INSTN...AF-01/027/00762
PROJECT/TASK.....0635/04

AFCL 68-0076
ROYAL INSTITUTE OF TECHNOLOGY
CHARGE EXCHANGE PHENOMENA FINAL REPORT AUG 1967
BY LUNDHOLM E
DAR ACCESS NO.....251300-011
DOC NUMBER.....AD666078
INSTN...AF-01/027/00762
PROJECT/TASK.....0635/04

AFCL 68-0077
RYONPCK RESEARCH ASSOCIATES
PROPAGATION OF LOW AND HIGH POWER RADIO WAVES IN IONIZED
BY HYDRECK D E M
DAR ACCESS NO.....250051-004
DOC NUMBER.....AD666077
INSTN...AF-01/027/00762
PROJECT/TASK.....0603/02

AFCL 68-0078
UNIVERSITY OF ILLINOIS
A MODIFIED MESIQUÉ CALCULUS TECHNIQUE
TECHNICAL REPORT NO 15 JAN 1969
BY MITTNA H
LEF S W
VANVARECUR G W JR
DAR ACCESS NO.....273130-010
DOC NUMBER.....AD666070
INSTN...AF-19/028/03019
PROJECT/TASK.....0635/02

AFCL 68-0080
SYSTEM DEVELOPMENT CORP
DEVIATION-BOUNDED LANGUAGES
TM-73H/041/00 JAN 1968 SCIENTIFIC REPORT NO 18
BY GINSBURG S
SPANIER F H
DAR ACCESS NO.....259400-013
DOC NUMBER.....AD666087
INSTN...AF-19/028-07-C-0008
PROJECT/TASK.....0632/05

AFCL 68-0081
SYSTEM DEVELOPMENT CORP
TWO-WAY HALLUON AUTOMATA AND AFL
TM-73H/042/00 SCIENTIFIC REPORT NO 15 JAN 1968
BY GINSBURG S
MORCROFT J
DAR ACCESS NO.....259400-014
DOC NUMBER.....AD666088
INSTN...AF-19/028-07-C-0008
PROJECT/TASK.....0632/05

AFCL 68-0082
SINGO INC
RESEARCH STUDIES AND INVESTIGATION OF METEOROLOGICAL
PHENOMENA FINAL REPORT APR 1968
BY SIAG C Y
SOUTA A F
SARAGAH F A
AMCORN E I
DAR ACCESS NO.....252580-001
DOC NUMBER.....AD666088
INSTN...AF-19/028/05020
PROJECT/TASK.....0605/01

AFCL 68-0083
STANFORD RESEARCH INSTITUTE
MULTIFACTOR DISCHARGE EXPERIMENTS
SCIENTIFIC REPORT 5 SRI PROJECT 3359 DEC 1967
BY NAMEVICZ J E
NAMEVICZ J E
DAR ACCESS NO.....271592-006
DOC NUMBER.....ADH30314
INSTN...AF-19/028/04800
PROJECT/TASK.....0600/10

AFCL 68-0084
NEW YORK UNIVERSITY
SOLUTION TO THE PHENOMENOLOGICAL PROBLEM OF A MAGNETIC LINE
SOURCE ABOVE THE STRUCTURE THAT SUPPORTS IT EXCITED
MODES
SIAM JOURNAL OF APPLIED MATHEMATICS VOL 15 NO 6 NOV 1967
PP1313-1377
BY MORGAN H C
KARAL F C
KARP S N
DAR ACCESS NO.....263491-004
DOC NUMBER.....AD667752
INSTN...AF-19/028/03008
PROJECT/TASK.....0635/01

68-0085
DOLF MEYANER AND NEWMAN INC
A PHONOLOGICAL ROLF TESTER
DOL REPORT NO 1594 SCIENTIFIC REPORT NO 5 JAN 1968
BY DOLMEYER D G
PHASER J H
DAR ACCESS NO.....251681-005
DOC NUMBER.....AD666088
INSTN...AF-19/028-04-C-0175
PROJECT/TASK.....0608/00

AFCL 68-0086
LITTON SYSTEMS INC
EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF
TRANSMITTING ANTENNAS
ATD-11-67-083 DEC 1967 QUARTERLY TECHNICAL REPORT NO 2
BY WARDEN H C JR
MUSH R M
PANDLO A S
DAR ACCESS NO.....260300-002
DOC NUMBER.....ADH78547
INSTN...AF-19/028-24-C-0001
PROJECT/TASK.....0671/00

AFCL 68-0087
KAYSON CORP
DEVELOPMENT OF A HALLCON TO REACH 20 000 FEET AT 2 000 FEET
PER MINUTE FINAL REPORT DEC 1967
BY NELSON F
DAR ACCESS NO.....254700-001
DOC NUMBER.....AD666087
INSTN...AF-19/028-07-C-0181
PROJECT/TASK.....0602/08

AFCHL 68-0088
WOLF RESEARCH AND DEVELOPMENT CORP
GEOMETRIC STATION AND TRAJECTORY ESTIMATION FINAL REPORT
FEB 1968
BY MASSIGLIA P W
DAR ACCESS NO.....735400-001
DDC NUMBER.....AD664530
INSTR...F14628-07-C-0221
PROJECT/TASK.....7600/03

AFCHL 68-0089
AIR FORCE CAMBRIDGE RESEARCH LABS
COPOLYMERIZATION OF HYDROCHLORIC ACID ANALYSIS AND
SOLUBILITY
HSRP NO 352 FEB 1968
BY O CONNOR J J
THOMASIAN A
ARINGTON A F
DAR ACCESS NO.....256450-001
DDC NUMBER.....AD664093
INSTR...AFCHL-5620-05-02
PROJECT/TASK.....5620/05

AFCHL 68-0090
UNIVERSITY OF CALIFORNIA
COLLIMETRIC DESCRIPTION OF RADIATION EMERGING FROM THE TOP
OF A DAYLIGHT ATMOSPHERE
SCIENTIFIC REPORT NO 2 APR 1968
BY HAU N C H
DAR ACCESS NO.....261433-002
DDC NUMBER.....AUG7230H
INSTR...F14628-07-C-0140
PROJECT/TASK.....7621/03

AFCHL 68-0091
MANLAUS INC
PHYSICAL CHARACTERIZATION OF ELECTRONIC MATERIALS DEVICES
AND THIN FILMS
SCIENTIFIC REPORT NO 1 JAN 1968
BY PETERS I T
DAR ACCESS NO.....250002-001
DDC NUMBER.....AD667547
INSTR...F14628-07-C-0173
PROJECT/TASK.....5620/03

AFCHL 68-0092
HANK MATHEMATICAL LABS
ON A FAMILY OF ERROR CORRECTING AND SYMMETRIZABLE CODES
SCIENTIFIC REPORT NO 4 FEB 1968
BY HATCHER T
DAR ACCESS NO.....272588-004
DDC NUMBER.....AD667701
INSTR...F14628-07-C-0030
PROJECT/TASK.....5628/01

AFCHL 68-0093
NEW YORK UNIVERSITY
RELATION BETWEEN CREEPING WAVES AND LATERAL WAVES ON A
CURVED INTERFACE
JOURNAL OF MATHEMATICAL PHYSICS VOL 9 NO 4 SEP 1967 PP
1765-1773
BY ROLF B
DAR ACCESS NO.....203491-010
DDC NUMBER.....AD667751
INSTR...AF-19/628/03068
PROJECT/TASK.....5635/01

AFCHL 68-0094
UNIVERSITY OF ROCHESTER
PHOTOELECTRIC CORRELATION MEASUREMENTS WITH TIME-TU-
AMPLITUDE CONVERTERS
JOURNAL OF APPLIED PHYSICS VOL 34 NO 1 JAN 1964 PP62-66
BY DAVIDSON F
MANDEL L
DAR ACCESS NO.....243270-007
DDC NUMBER.....AD668411
INSTR...AF-19/628/09052
PROJECT/TASK.....4945/02

AFCHL 68-0095
STANFORD UNIVERSITY
RAY-TRACE OBSERVATIONS AT 35 CM ON A LINE-OF-SIGHT
WAVELENGTH PROPAGATION PATH FINAL REPORT DEC 1967
BY LEE H W
WATKINSON A T JR
DAR ACCESS NO.....261700-001
DDC NUMBER.....AD664101
INSTR...AF-19/628/04054
PROJECT/TASK.....4697/01

AFCHL 68-0097
AIR FORCE CAMBRIDGE RESEARCH LABS
PROCEEDINGS AFCHL TITANIC HALLUON WORKSHOP 1967
GENERAL REPORTS NO 2 MAR 1968
BY KELLY T W
DAR ACCESS NO.....256200-004
DDC NUMBER.....AD666037
INSTR...AFCHL-6665-01-01
PROJECT/TASK.....6665/01

AFCHL 68-0098
HUSTON UNIVERSITY
A WORLD-WIDE INVESTIGATION OF THE MID-LATITUDE EVENING
INCREASE OF THE F₂ SUD OF SUD 2 IN THE SUMMER MONTHS
FINAL REPORT JAN 1968
BY PAPAGIANNIS M D
MULLANEY P
DAR ACCESS NO.....250420-004
DDC NUMBER.....AD667561
INSTR...AF-19/628/02350
PROJECT/TASK.....5629/01

AFCHL 68-0099
HUSTON UNIVERSITY
RAY-TRACE OF THE Z-MODE IN A TILTED LAYER IONOSPHERE
FINAL REPORT JAN 1968
BY PAPAGIANNIS M D
MILLEN D L
DAR ACCESS NO.....250920-005
DDC NUMBER.....AD667542
INSTR...AF-19/628/02350
PROJECT/TASK.....5629/01

AFCHL 68-0100
HUSTON UNIVERSITY
A STUDY OF SOLAR RADIC BURSTS IN THE 3.4 TO 50 CM RANGE AND
THEIR CORRELATION TO SCNA EVENTS FINAL REPORT JAN 1968
BY STAUSS F W
PAPAGIANNIS M D
DAR ACCESS NO.....250920-006
DDC NUMBER.....AD667543
INSTR...AF-19/628/02350
PROJECT/TASK.....5629/01

AFCHL 68-0101
LITTON SYSTEMS INC
STUDY OF THERMIONIC CONVERTER ELECTRODE SURFACES USING THE
ELECTRON MICROSCOPE
BY RAFFITT K N
DAR ACCESS NO.....252760-001
DDC NUMBER.....AD667530
INSTR...AF-19/628/04302
PROJECT/TASK.....6659/02

AFCHL 68-0102
ELECTROMECHANICS CO
STUDY OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASURING
RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT FEB
1968
BY WATERS R L
WIRNIS F J
DAR ACCESS NO.....761302-003
DDC NUMBER.....AD630065L
INSTR...AF-19/628/06151
PROJECT/TASK.....6601/02

AFCHL 68-0103
POLYTECHNIC INSTITUTE OF BROOKLYN
A THEORETICAL AND EXPERIMENTAL STUDY OF TEMPORAL AND
ELECTRO-MAGNETIC FIELDS WITH EMPHASIS ON TEMPORAL AND
SPATIAL NETWORKS FINAL REPORT FEB 1968
BY FELSEN L H
DAR ACCESS NO.....765591-007
DDC NUMBER.....AD6670547
INSTR...AF-19/628/02357
PROJECT/TASK.....5635/04

AFCHL 68-0105
UNIVERSITY OF DENVER
COMPARISON BETWEEN EXPERIMENTAL AND CALCULATED SPECTRA OF
CARBON DIOXIDE AND WATER VAPOR
SCIENTIFIC REPORT NO 7 FEB 1968
BY KYLE T G
DAR ACCESS NO.....272541-007
DDC NUMBER.....AD666929
INSTR...AF-19/628/05207
PROJECT/TASK.....6662/01

AFCHL 68-0106
LOWELL TECHNOLOGICAL INSTITUTE
AIRCRAFT MEASUREMENTS OF THE IONOSPHERE FINAL REPORT JAN
1968
BY NEUL K
BUCHAU J
HERMAN J H
PERK P C JR
HEINISCH H
DAR ACCESS NO.....267007-002
DDC NUMBER.....AD675133
INSTR...AF-19/628/04001
PROJECT/TASK.....5631/14

AFCHL 68-0107
SPERRY RAND RESEARCH CENTER
A FEASIBILITY AND DESIGN STUDY FOR AN AIRBORNE RADIOASTRIC
SYSTEM TO MEASURE VENTILATE THE VERTICAL PROFILE OF
TEMPERATURE HUMIDITY AND PRESSURE FINAL REPORT FEB 1968
BY MOUNT W U
FOW H H
DAR ACCESS NO.....258950-001
DDC NUMBER.....AD668066
INSTR...AF-19/628/06133
PROJECT/TASK.....6020/03

AFCHL 68-0108
HUSTON UNIVERSITY
THEORETICAL STUDY OF THE INTERACTION OF RADIATION AND
MATTER IN GASEOUS AND SOLID LASERS FINAL REPORT FEB 1968
BY WILLIS C H
DAR ACCESS NO.....253381-001
DDC NUMBER.....AD666280
INSTR...AF-19/628/05671
PROJECT/TASK.....6645/07

AFCHL 68-0109
MANLAUS INC
THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES
UNDER HIGH PRESSURE FINAL REPORT FEB 1968
BY CUGHERTY P V
KAUFMAN L
DAR ACCESS NO.....258240-002
DDC NUMBER.....AD670561
INSTR...AF-19/628/05745
PROJECT/TASK.....5629/05

AFCL 68-0110
SYRACUSE UNIV RESEARCH INSTITUTE
DESIGN AND DEVELOPMENT OF PARTIALLY UNIFORM ARRAYS FINAL
REPORT FEB 1968
BY STRAIT H J
OAR ACCESS NO.....250670-005
DOC NUMBER.....A0667801
INSTR...AF-19/628/05082
PROJECT/TASK.....R063/03

AFCL 68-0111
NEW YORK UNIVERSITY
NETWORK FUNCTION SYNTHESIS USING NON-IDEAL GROUNDING
AMPLIFIERS AND NO ONE-PORTS
TECHNICAL REPORT 400-174 NINTH SCIENTIFIC REPORT DEC 1967
BY GOLDMAN H
GHAUSI M S
OAR ACCESS NO.....250911-009
DOC NUMBER.....A0664374
INSTR...AF-19/628/05537
PROJECT/TASK.....5028/00

AFCL 68-0112
CORNELL UNIVERSITY
STIMULATED BRILLOUIN SCATTERING FINAL REPORT FEB 1968
BY WALDER J
OAR ACCESS NO.....257980-004
DOC NUMBER.....A067081A
INSTR...AF-19/628/05677
PROJECT/TASK.....A045/07

AFCL 68-0113
STANFORD RESEARCH INSTITUTE
PROGRAMMABLE-LOGIC ARRAYS
ELECTRONICS PP90-45 DEC 11 1967 SWI PROJECT 5876
BY WAHLSTROM S E
OAR ACCESS NO.....251931-005
DOC NUMBER.....A0667994
INSTR...AF-19/628/05828
PROJECT/TASK.....A041/01

AFCL 68-0115
WEIZMANN INSTITUTE OF SCIENCE
RESOLUTION AND NOISE IN FOURIER SPECTROSCOPY
SCIENTIFIC REPORT NO 10 AUG 1967
BY JACOBI N
OAR ACCESS NO.....273451-002
DOC NUMBER.....A0668525
INSTR...AF-61/052/00838
PROJECT/TASK.....R003/03

AFCL 68-0116
FEDERAL SCIENTIFIC RESEARCH CORP
MODIFICATION OF THE MODEL 254C SIMONIANIC OUMBLE-SPECTRUM
/SPECTRUM/ ANALYZER FOR IMPROVED EXTRACTION OF PITCH DATA
BY WEISS M E
OAR ACCESS NO.....251821-001
DOC NUMBER.....A06831090
INSTR...AF-19/628/05913
PROJECT/TASK.....A0610/02

AFCL 68-0117
NEW YORK UNIVERSITY
INVESTIGATION OF NETWORK REALIZABILITY II FINAL REPORT FEB
1968
BY GHAUSI M S
OAR ACCESS NO.....250911-010
DOC NUMBER.....A0668434
INSTR...AF-19/628/05937
PROJECT/TASK.....5023/06

AFCL 68-0118
GRADUATE NSCM CENTER OF THE SOUTHWEST
INFRARED ABSORPTION PROGRAM FINAL REPORT FEB 1968
BY PLASS G N
OAR ACCESS NO.....251050-008
DOC NUMBER.....A0667214
INSTR...AF-19/628/05039
PROJECT/TASK.....A076/04

AFCL 68-0119
HUGHES AIRCRAFT COMPANY
ANTENNA PROCESSING FOR SURFACE TARGET DETECTION
SCIENTIFIC REPORT NO 1 P65-35 FEB 1968
BY YOUNG G D
OAR ACCESS NO.....252281-002
DOC NUMBER.....A0670104
INSTR...AF-19/628/05082
PROJECT/TASK.....5135/06

AFCL 68-0120
BOLT BERANKE AND NEWMAN INC
ON THE PSYCHOLOGICAL IMPORTANCE OF TIME IN A TIME SHARING
SYSTEM
SCIENTIFIC REPORT NO 6 HMM REPORT NO 1687 SEPT 1967
BY CARDONELL J R
ELKIND J I
NICKERSON M S
OAR ACCESS NO.....251801-006
DOC NUMBER.....A0670604
INSTR...AF-19/628/05082
PROJECT/TASK.....A063/00

AFCL 68-0121
UNIVERSITY OF SASKATCHEWAN
ABUNDANCE OF METALLIC ATOMS IN THE ATMOSPHERE
ANNALES DE GEOPHYSIQUE VOL 22 NO 2 PP 134-147 1966
BY VALLANCE JONES A
OAR ACCESS NO.....250491-002
DOC NUMBER.....A0670114
INSTR...AF-19/628/05070
PROJECT/TASK.....7061/01

AFCL 68-0122
HEWLETT PACKARD CO
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR
OPTICAL DETECTION AND CATHODIC EMISSION
SCIENTIFIC REPORT NO 1 MAR 1968
BY ARCHER R J
COHEN J
VILMS J
OAR ACCESS NO.....255901-001
DOC NUMBER.....A0670183
INSTR...AF-19/628/05080
PROJECT/TASK.....5621/07

AFCL 68-0123
GOODYEAR AEROSPACE CORP
WIND TUNNEL TESTS OF NATURAL SHAPE BALLOON MODEL
GER 13731 MAR 1968 SCIENTIFIC REPORT NO 1
BY SMERBURNE P A
OAR ACCESS NO.....259370-001
DOC NUMBER.....A0667563
INSTR...AF-19/628/05080
PROJECT/TASK.....R080/00

AFCL 68-0124
RADIATION RESEARCH ASSOCIATES INC
ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR A MODEL
ATMOSPHERE
HWA-802 MAR 1968 SCIENTIFIC REPORT NO 1
BY COLLINS D G
OAR ACCESS NO.....756170-001
DOC NUMBER.....A0668462
INSTR...AF-19/628/05080
PROJECT/TASK.....7621/07

AFCL 68-0125
DARTMOUTH COLLEGE
STUDIES OF SPATIAL IRREGULARITIES IN THE IONOSPHERE AND
THEIR VARIATIONS WITH TIME FINAL REPORT FEB 1968
BY MORGAN M G
OAR ACCESS NO.....261747-001
DOC NUMBER.....A0670185
INSTR...AF-19/628/05080
PROJECT/TASK.....A063/13

AFCL 68-0126
UNIO STATE UNIVERSITY
SPECTROSCOPY IN THE FAR INFRARED REGION FINAL REPORT JAN
1968
BY HELL E E
OAR ACCESS NO.....261811-001
DOC NUMBER.....A0668560
INSTR...AF-19/628/05080
PROJECT/TASK.....A063/01

AFCL 68-0127
YESHIVA UNIVERSITY
MODULAR VARIABLES IN QUANTUM THEORY FINAL REPORT NOV 1967
BY AMARONOV Y
PETERSEN A
OAR ACCESS NO.....257320-001
DOC NUMBER.....A0668090
INSTR...AF-19/628/05143
PROJECT/TASK.....5636/06

AFCL 68-0128
ADAMS ASSOCIATES INC
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY
CAPABILITIES ENTITY TABLE DESIGN FINAL REPORT FEB 1968
BY CHASE E N
WESTLAKE D A
OAR ACCESS NO.....251011-001
DOC NUMBER.....A0668426
INSTR...AF-19/628/05080
PROJECT/TASK.....A048/07

AFCL 68-0129
ADAMS ASSOCIATES INC
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY
CAPABILITIES DISPLAY SYSTEM PROGRAM MANUAL FINAL REPORT FEB
1968
BY CHASE E N
WESTLAKE D A
OAR ACCESS NO.....251011-002
DOC NUMBER.....A0668426
INSTR...AF-19/628/05080
PROJECT/TASK.....A048/07

AFCL 68-0130
ADAMS ASSOCIATES INC
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY
CAPABILITIES DISPLAY SYSTEM OPERATIONS MANUAL FINAL REPORT
FEB 1968
BY CHASE E N
WESTLAKE D A
OAR ACCESS NO.....251011-003
DOC NUMBER.....A0668425
INSTR...AF-19/628/05080
PROJECT/TASK.....A048/07

AFCL 68-0131
ADAMS ASSOCIATES INC
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY
CAPABILITIES TIME-SHARING INPUT-OUTPUT EXECUTIVE /I/O/
PROGRAMS MANUAL FINAL REPORT FEB 1968
BY CHASE E N
WESTLAKE D A
OAR ACCESS NO.....251011-004
DOC NUMBER.....A0668427
INSTR...AF-19/628/05080
PROJECT/TASK.....A048/07

AFCHL 68-0132
SPACE DATA CORPORATION
METEOROLOGICAL PROOF PWN-88 QUALIFICATION PROGRAM FINAL
REPORT FEB 1968
BY MOLLEMAN N
WALKER H L
DAR ACCESS NO.....784490-001
DOC NUMBER.....AD668545
INSTN...AF-19/62H/0542
PROJECT/TASK.....R682706

AFCHL 68-0133
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
PLAYA SURFACE MORPHOLOGY MISCELLANEOUS INVESTIGATIONS
ERP NO 283 MARCH 1968
BY NEAL J T
DAR ACCESS NO.....255730-002
DOC NUMBER.....AD669094
INSTN...AFCHL-6623-02-01
PROJECT/TASK.....R623/02

AFCHL 68-0134
AIR FORCE CAMBRIDGE RESEARCH LABS
ELECTRIC FIELD IN THE LUNOSPHERE A THEORY OF ITS ORIGIN AND
EFFECT
MARCH 1968 ERP NO 242
BY SEN H K
DAR ACCESS NO.....255900-002
DOC NUMBER.....AD668097
INSTN...AFCHL-6627-01-01
PROJECT/TASK.....R647/01

AFCHL 68-0135
FAIRLEIGH DICKINSON UNIVERSITY
INVESTIGATION OF FAR INFRARED TORSIONAL VIBRATIONS FINAL
REPORT MAR 1968
BY MUELLER K O
DAR ACCESS NO.....253490-001
DOC NUMBER.....AD668748
INSTN...AF-19/62H/04316
PROJECT/TASK.....R634/08

AFCHL 68-0136
NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT
ACOUSTOELECTRIC EFFECTS IN SOLIDS FINAL REPORT OCT 1967
BY HANNESTAD A
DAR ACCESS NO.....253440-004
DOC NUMBER.....AD668503
INSTN...AF-19/62H/00958
PROJECT/TASK.....R683/01

AFCHL 68-0136
NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT
ACOUSTOELECTRIC EFFECTS IN SOLIDS FINAL REPORT OCT 1967
BY HANNESTAD A
DAR ACCESS NO.....253440-006
DOC NUMBER.....AD668503
INSTN...AF-19/62H/00958
PROJECT/TASK.....R683/01

AFCHL 68-0137
NEW YORK UNIVERSITY
QUANTUM-MECHANICAL CALCULATIONS ON THE NO PLUS O REACTION
FINAL REPORT FEB 1968
BY RUMMEL L
DAR ACCESS NO.....254420-001
DOC NUMBER.....AD667516
INSTN...AF-19/62H/05729
PROJECT/TASK.....7635/01

AFCHL 68-0138
AIR FORCE CAMBRIDGE RESEARCH LABS
A PROPOSED INDEX FOR MEASURING IONOSPHERIC SCINTILLATIONS
ERP NO 284 MAR 1968
BY WHITNEY H E
MALIK C
DAR ACCESS NO.....254100-013
DOC NUMBER.....AD669405
INSTN...AFCHL-6643-02-01
PROJECT/TASK.....R643/02

AFCHL 68-0139
ANDREW CORP
INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A
FEEDBACK METHOD FOR
SECOND QUARTERLY REPORT DEC 1967
BY CHARLTON T E
DAR ACCESS NO.....254020-001
DOC NUMBER.....AD668061
INSTN...AF-19/62H-07-C-0380
PROJECT/TASK.....R675/02

AFCHL 68-0140
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
PLASMA CONTAINMENT IN A MINIMUM-2 GEOMETRY
ERP NO 303 MAR 1968
BY GALLAGHER E C
COMBES L S
LEVINE W A
DAR ACCESS NO.....254030-002
DOC NUMBER.....AD669404
INSTN...AFCHL-6604-02-01
PROJECT/TASK.....R604/02

AFCHL 68-0141
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
WAVE PROPAGATION IN MATERIALS HAVING FREQUENCY DEPENDENT
RHEOLOGICAL PROPERTIES
ERP NO 354 MAR 1968
BY THOMSON K C
DAR ACCESS NO.....256070-002
DOC NUMBER.....AD669062
INSTN...AFCHL-7639-08-01
PROJECT/TASK.....7639/08

AFCHL 68-0142
TYCO LABORATORIES INC
SOLUBILITY AND COMPLEX FORMATION EQUILIBRIA OF SILVER
CHLORIDE IN PROPYLENE CARBONATE
ANALYTICAL CHEMISTRY VOL 39 NO 14 PP1799-1804 DEC 1967
BY RUTLEDGE J N
DAR ACCESS NO.....259780-001
DOC NUMBER.....AD668747
INSTN...AF-19/62H/06131
PROJECT/TASK.....R659/04

AFCHL 68-0143
SANDLUS ASSOCIATES INC
STUDIES OF NITRIC OXIDE CHEMILUMINESCENCE USING BOUNDARY
LAYER APPROXIMATIONS FINAL REPORT APR 1968
BY GORDON R C
MILL J A
SILVER L
DAR ACCESS NO.....259440-001
DOC NUMBER.....AD669562
INSTN...F19628-07-C-0025
PROJECT/TASK.....5633/10

AFCHL 68-0144
SPERRY RAND CORP
UNIVERSAL FUNCTIONS
SCIENTIFIC REPORT NO 1 APR 1969
BY ELLISON J T
DAR ACCESS NO.....265433-001
DOC NUMBER.....AD669849
INSTN...F19628-07-C-0386
PROJECT/TASK.....R681/05

AFCHL 68-0145
CORNELL AERONAUTICAL LABORATORY INC
EXPERIMENTAL STUDIES OF PULSED MICROWAVE BREAKDOWN EFFECTS
IN A HYPERSONIC AIR PLASMA FINAL REPORT FEB 1968
BY DUYER D W
GITIKOFFER D W
REDAUER R A
DAR ACCESS NO.....268821-002
DOC NUMBER.....AD668436
INSTN...AF-19/62H/04908
PROJECT/TASK.....R642/02

AFCHL 68-0147
ELECTRONIC ASSOCIATES INC
RESEARCH AND DEVELOPMENT OF PARALLEL-HYBRID MODELS
SCIENTIFIC REPORT NO 3 MAR 1968
BY MASLO H M
DAR ACCESS NO.....752400-003
DOC NUMBER.....AD669107
INSTN...AF-19/62H/05043

AFCHL 68-0148
STANFORD RESEARCH INSTITUTE
THEORY OF CELLULAR LOGIC NETWORKS AND MACHINES FINAL
REPORT JAN 1968
BY ELSPAS J
TURNER J H
DAR ACCESS NO.....258630-002
DOC NUMBER.....AD669825
INSTN...AF-19/62H/05903
PROJECT/TASK.....R647/01

AFCHL 68-0149
UNIVERSITY OF MINNESOTA
TRANSPORT OF CHARGED PARTICLES THROUGH GASES AND
PLASMAS FINAL REPORT MAR 1968
BY USKAM H J
DAR ACCESS NO.....266561-001
DOC NUMBER.....AD670176
INSTN...AF-19/62H/05814
PROJECT/TASK.....R659/02

AFCHL 68-0150
SIGNATRON INC
AN INVESTIGATION OF QUANTIZATION TECHNIQUES FINAL REPORT
FEB 1968
BY GISH M
DAR ACCESS NO.....257871-001
DOC NUMBER.....AD669097
INSTN...F19628-07-C-0122
PROJECT/TASK.....R681/02

AFCHL 68-0151
NEW YORK UNIVERSITY
RESEARCH ON THE PREPARATION OF PURE METALS FINAL REPORT
FEB 1968
BY MCENNEREY
KAMOTO Y
DAR ACCESS NO.....267821-001
DOC NUMBER.....AD674766
INSTN...AF-19/62H/02359
PROJECT/TASK.....5620/05

AFCHL 68-0152
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
AN EXPERIMENTAL STUDY OF SIMULATED PLASMA-COVERED SLOTS
PSRR NO 385 MAR 1968
BY KATAS N V
ANTHONCCI J D
OAR ACCESS NO.....257620-020
DDC NUMBER.....A0664004
INSTN...AFCHL-4647-02-01
PROJECT/TASK.....4647/02

AFCHL 68-0153
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
UV VISIBLE AND IR ATTENUATION FOR ALTITUDES TO 50 KM 1968
EMP NO 285 APR 1968
BY ELTERMAN L
OAR ACCESS NO.....255270-003
DDC NUMBER.....A0671933
INSTN...AFCHL-7670-04-01
PROJECT/TASK.....7670/04

AFCHL 68-0154
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
ERROR ANALYSIS OF THE HUMIDITY-TEMPERATURE MEASURING
SET AN/TNO-11
IP NO 140 MAR 1968
BY WHISS H D
OAR ACCESS NO.....256400-002
DDC NUMBER.....A0669005
INSTN...AFCHL-7670-05-01
PROJECT/TASK.....7670/05

AFCHL 68-0155
STANFORD RESEARCH INSTITUTE
HOCKEY ANTENNA MULTIFACTOR BREAKDOWN UNDER DYNAMIC PRESSURE
CONDITIONS
SCIENTIFIC REPORT 6 SRI PROJECT 5359 DEC 1967
BY AUGUST G
NANVICH J E
CHOWN J H
OAR ACCESS NO.....271597-007
DDC NUMBER.....A0671960
INSTN...AF-19/626/0400
PROJECT/TASK.....4600/10

AFCHL 68-0156
STANFORD RESEARCH INSTITUTE
SRI EXPERIMENTS ON AFCHL NERI-CAJON HOCKEY AD 6 442 AND ON
THAILANDER II
SCIENTIFIC REPORT 8 SRI PROJECT 5359 DEC 1967
BY NANEVICH J E
CHOWN J H
OAR ACCESS NO.....271597-10M
DDC NUMBER.....A0671961
INSTN...AF-19/626/0400
PROJECT/TASK.....4600/10

AFCHL 68-0157
UNIVERSITY OF SASKATCHEWAN
BALLOONBORNE OBSERVATIONS OF BRIGHTNESS VARIATIONS IN THE
1.27 MICRON BAND OF OXYGEN IN THE DAY AND TWILIGHT
ATMOLW FINAL REPORT JAN 1967
BY EVANS W F J
LLEWELLYN E J
VALLANCE JONES A
OAR ACCESS NO.....250491-001
DDC NUMBER.....A0673744
INSTN...AF-19/626/05720
PROJECT/TASK.....7662/01

AFCHL 68-0158
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
SOLUTION OF THE GEODETIC BOUNDARY-VALUE PROBLEM IN CASE OF
A REFERENCE ELLIPSOID
REPORT NO 134 SCIENTIFIC REPORT NO 20 APR 1968
BY KOCH K R
OAR ACCESS NO.....272252-017
DDC NUMBER.....A0672984
INSTN...AF-19/626/05701
PROJECT/TASK.....7600/02

AFCHL 68-0159
SYSTEM DEVELOPMENT CORP
SCATTERED CONTEXT GRAMMARS
TM-738/043/CO SCIENTIFIC REPORT NO 18 FEB 1968
BY GREINACH S
MORCHOFF J
OAR ACCESS NO.....254400-015
DDC NUMBER.....A0668084
INSTN...F19626-67-C-0004
PROJECT/TASK.....5632/05

AFCHL 68-0160
TYCO LABORATORIES INC
THE CATALYTIC ACTIVITY OF NICKEL AND NICKEL
BORIDE FOR FORMIC ACID DECOMPOSITION
JOURNAL OF CATALYSIS VOL 9 NO 2 PP115-124 OCTOBER 1967
BY GINER J
RISSMANN E
OAR ACCESS NO.....257370-001
DDC NUMBER.....A0675764
INSTN...AF-19/626/05549
PROJECT/TASK.....4650/04

AFCHL 68-0161
COLUMBIA UNIVERSITY
MEASUREMENT OF Q VALUES FROM THE FREE OSCILLATIONS OF THE
EARTH
JOUR OF GEOPHYSICAL RESEARCH VOL 73 NO 4 FEB 15 1968
PP1407-1415
BY KOWALSKI A A
OAR ACCESS NO.....272221-020
DDC NUMBER.....A0669112
INSTN...AF-19/626/04082
PROJECT/TASK.....0647/00

AFCHL 68-0162
COLUMBIA UNIVERSITY
CURRENT IN PAPER BY C LONNETZ / STATISTICAL PREDICTION OF
EARTHQUAKES/
REVIEWS OF GEOPHYSICS VOL 6 NO 1 FEB 1968 PP94-100
BY INACKS U
PAGE 4
OAR ACCESS NO.....272521-021
DDC NUMBER.....A0669141
INSTN...AF-19/626/04082
PROJECT/TASK.....8652/00

AFCHL 68-0163
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
OMIT PERTURBATIONS OF ARTIFICIAL EARTH SATELLITES AS
FUNCTIONS OF GRAVITY ANOMALIES AND DIFFERENTIAL
CORRECTIONS OF OMIT AND STATION COORDINATES
REPORT NO 96 SCIENTIFIC REPORT NO 17 JAN 1968
BY KOCH K R
OAR ACCESS NO.....272252-016
DDC NUMBER.....A0670605
INSTN...AF-19/626/05701
PROJECT/TASK.....7600/02

AFCHL 68-0164
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
MODEL COMPUTATIONS FOR DIFFERENT SOLUTIONS OF THE
GEODETIC BOUNDARY-VALUE PROBLEM
REPORT NO 137 SCIENTIFIC REPORT NO 18 FEB 1968
BY KOCH K R
OAR ACCESS NO.....272252-019
DDC NUMBER.....A0671127
INSTN...AF-19/626/05701
PROJECT/TASK.....7600/02

AFCHL 68-0165
MCGILL UNIVERSITY
A PRELIMINARY MICROWAVE ATTENUATION CLIMATOLOGY FOR THE
MONTREAL AREA BASED ON WEATHER RADAR DATA
NR-52 SCIENTIFIC REPORT NO 3 JAN 1968
BY ROGERS W R
HAG K M
OAR ACCESS NO.....271422-003
DDC NUMBER.....A0671538
INSTN...F19626-67-C-0129
PROJECT/TASK.....4620/04

AFCHL 68-0166
STANFORD RESEARCH INSTITUTE
PROCESSING GROWTH AND CHARACTERIZATION OF SILICON CARBIDE
SINGLE CRYSTALS
SRI PROJECT NO PMU-6488 SCIENTIFIC REPORT NO 2 FEB 1968
BY HARTLETT H W
MUELLER G A
OAR ACCESS NO.....253911-002
DDC NUMBER.....A0669099
INSTN...F19626-67-C-024J
PROJECT/TASK.....5620/06

AFCHL 68-0167
THE INCORPORATED
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
SCIENTIFIC REPORT NO 3 FEB 1968
BY SCOTT L
OAR ACCESS NO.....259780-003
DDC NUMBER.....A0672984
INSTN...F19626-67-C-0267
PROJECT/TASK.....4608/05

AFCHL 68-0168
COLUMBIA UNIVERSITY
AN APPLICATION OF CORRELATION RADICEMTRY TO THE STUDY OF
PLASMA RADIATION
PLASMA RADIATION REPORT NO 40 SCIENTIFIC REPORT NO 5
CUCR REPORT NO 102 MAR 1968
BY JACOBSON P V
OAR ACCESS NO.....261712-005
DDC NUMBER.....A0670844
INSTN...AF-19/626/05832
PROJECT/TASK.....5635/04

AFCHL 68-0169
GRANITE UNIVERSITY
ZERO SOUND IN THE SUPER J IN A MAGNETIC FIELD
PHYSICAL REVIEW VOL 163 NO 1 PP195-200 5 NOV 1967
BY SCHAPPERT G T
OAR ACCESS NO.....252871-008
DDC NUMBER.....A0669457
INSTN...AF-19/626/05833
PROJECT/TASK.....4645/02

AFCHL 68-0170
CASE WESTERN RESERVE UNIVERSITY
DEPOSITION OF CARBON ON DIAMOND SCLD CRYSTALS FINAL REPORT
MAR 1968
BY ANGUS J C
WILL H A
STANKO W S
OAR ACCESS NO.....253950-006
DDC NUMBER.....A0676746
INSTN...AF-19/626/04785
PROJECT/TASK.....4608/05

AFCHL 68-0171
ROYAL INSTITUTE OF TECHNOLOGY
ACOUSTIC SPECIFICATION OF SPEECH FINAL REPORT JAN 1968
BY FANT C G M
OAR ACCESS NO.....299101-001
DDC NUMBER.....A0668548
INSTN...AF-FOUR -0031-67
PROJECT/TASK.....5628/02

AFCHL 68-0172
QUEEN MARY COLLEGE
A THEORETICAL TECHNIQUE FOR EVALUATING THE TIME DEPENDENT
EFFECTS OF GRAVITATIONAL ELECTRODYNAMIC EFFECTS IN THE P2-LAYER
OF THE LONGBOW
SCIENTIFIC REPORT NO 7 JAN 1968
BY BAXTER H G
KENDALL H C
DAR ACCESS NO.....230440-010
DOC NUMBER.....AD669061
INSTR.....AF-61/052/00408
PROJECT/TASK.....0602/74

AFCHL 68-0173
UNIVERSITA DEGLI STUDI DI MILANO
THE ATMOSPHERIC AND LEAKAGE FLUX OF NEUTRONS PRODUCED IN
THE ATMOSPHERE BY COSMIC RAY INTERACTIONS
SCIENTIFIC REPORT NO 5 DEC 1967
BY UDELLA G
DILWORTH C
PANEITTE R
SCARF L L
DAR ACCESS NO.....251130-093
DOC NUMBER.....AD668883
INSTR.....AF-61/052/00408
PROJECT/TASK.....0608/06

AFCHL 68-0174
UNIVERSITY OF INNSBRUCK
FREQUENCY DEPENDENCE OF THE FIELD STRENGTH COMPONENTS OF A
DIPOLE EMBEDDED IN A CONDUCTING MEDIUM
SCIENTIFIC REPORT NO 5 NOV 1967
BY LINHOFER G
DAR ACCESS NO.....252101-005
DOC NUMBER.....AD668518
INSTR.....AF-61/052/00402
PROJECT/TASK.....0602/10

AFCHL 68-0175
INTERNATIONAL BUSINESS MACHINES CORP
SPIN-CONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY
CRYSTALLOGRAPHIC IMPERFECTIONS FINAL REPORT MAR 1968
BY SCHWITKE G H
DAR ACCESS NO.....272471-003
DOC NUMBER.....AD669135
INSTR.....AF-19/628/05049
PROJECT/TASK.....5621/04

AFCHL 68-0176
RAYTHEON COMPANY
COMPLEX SIGNAL ANALYSIS AND PROCESSING TECHNIQUES FOR
MODIFIED PPOCUMENE/ CHAND PULSE DOPPLER RADAR FINAL
REPORT FEB 1968
BY BERGER T
COP F G
GROGINSKY M L
KIVALIK J P
WORKS G A
DAR ACCESS NO.....250721-002
DOC NUMBER.....AD670546
INSTR.....AF-19/628/04774
PROJECT/TASK.....0677/04

AFCHL 68-0177
LOVELL TECHNOLOGICAL INSTITUTE
RESEARCH DIRECTED TOWARD THE DESIGN AND FABRICATION OF A
SOLAR ATMOSPHERIC DISK-RING EXPERIMENT FINAL REPORT MAR 1968
BY GILFILLAN F S
HOLING K L
WALTON J H
DAR ACCESS NO.....251480-001
DOC NUMBER.....AD675444
INSTR.....AF-19/628/02432
PROJECT/TASK.....0647/02

AFCHL 68-0178
PENNSYLVANIA STATE UNIVERSITY
IONOSPHERIC RESEARCH FINAL REPORT FEB 1968
BY SELIGA F A
DAR ACCESS NO.....264192-003
DOC NUMBER.....AD672427
INSTR.....AF-19/628/07401
PROJECT/TASK.....7063/03

AFCHL 68-0179
HOLT DEWANEK AND NEWMAN INC
CONTINUOUS-WAVE THREE-COMPONENT SINE ANEMOMETER FINAL
REPORT MAR 1968
BY FOX H L
DAR ACCESS NO.....272070-001
DOC NUMBER.....AD670717
INSTR.....AF-19/628/04376
PROJECT/TASK.....7657/01

AFCHL 68-0180
MONSANTO RESEARCH CORPORATION LABORATORY
MONITORING-PROPERTY RELATIONSHIPS IN ORGANIC SPIN-CONDUCTION
FINAL REPORT APR 1968
BY DISCROLL J S
KRAM S C
HERGEN A A
DAR ACCESS NO.....252770-001
DOC NUMBER.....AD669482
INSTR.....AF-19/628/04018
PROJECT/TASK.....0605/03

AFCHL 68-0181
MCGILL UNIVERSITY
CONNECTIVE DEVELOPMENT AND SUMMER STORMS
NO-50 SCIENTIFIC REPORT NO 4 JAN 1968
BY MCGILL J J
DAR ACCESS NO.....272070-001
DOC NUMBER.....AD673649
INSTR.....AF-19/628/05253
PROJECT/TASK.....0615/01

AFCHL 68-0184
MCGILL UNIVERSITY
MEASUREMENT OF SNOWFALL BY RADAR
NO-54 SCIENTIFIC REPORT NO 5 MAR 1968
BY CARLSON P F
DAR ACCESS NO.....271422-005
DOC NUMBER.....AD671941
INSTR.....AF-19/628-57-C-0129
PROJECT/TASK.....0620/04

AFCHL 68-0185
UNIVERSITY OF FLORIDA
A CENTER OF COMPETENCE IN SOLID STATE MATERIALS AND DEVICES
SCIENTIFIC REPORT NO 1 APR 1968
BY LINCOLN F A
HODGENSEN A J
CHENETHE E R
GOULD R W
HENCK L L
DAR ACCESS NO.....260680-001
DOC NUMBER.....AD669580
INSTR.....AF-19/628-68-C-0058
PROJECT/TASK.....0687/00

AFCHL 68-0186
JOHANNES GUTENBERG UNIVERSITAT
RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION
SCIENTIFIC REPORT NO 6 JAN 1968
BY DULLNICH K
ULATINER W
CONLEY T
FIDEN H
MANEL G
DAR ACCESS NO.....273570-001
DOC NUMBER.....AD670210
INSTR.....AF-19/628-67-C-0046
PROJECT/TASK.....7621/03

AFCHL 68-0187
AUBURN UNIVERSITY
STUDY OF CIRCULAR ARRAYS OF RADIAL AND TANGENTIAL DIPOLES
FINAL REPORT FEB 1968
BY HOLMES C H
HILHORN J L
DAR ACCESS NO.....271782-002
DOC NUMBER.....AD670883
INSTR.....AF-19/628/04991
PROJECT/TASK.....4600/10

AFCHL 68-0188
GCA CORPORATION
ATMOSPHERIC INFERENCES FROM PLANETARY LIMB DARKENING
FINAL REPORT APR 1968
BY KING J I
DAR ACCESS NO.....258140-001
DOC NUMBER.....AD670377
INSTR.....AF-19/628/05738
PROJECT/TASK.....0003/54

AFCHL 68-0189
PRINCETON UNIVERSITY
HIGH ENERGY MOLECULAR BEAMS FINAL REPORT JAN 1968
BY ANDERSON J U
FENN J B
DAR ACCESS NO.....253440-001
DOC NUMBER.....AD673522
INSTR.....AF-19/628/03887
PROJECT/TASK.....4076/06

AFCHL 68-0190
UNIVERSITY OF NOTCHESTER
SOME RECENT WORK IN COHERENCE PROPERTIES OF PHOTON BEAMS
PROCEEDINGS OF THE SYMPOSIUM ON MODERN TOPICS AT
POLYTECHNIC INSTITUTE OF BROOKLYN VOL XVII PP168-165
BY MANDEL L
DAR ACCESS NO.....253290-008
DOC NUMBER.....AD669317
INSTR.....AF-19/628/05027
PROJECT/TASK.....0604/02

AFCHL 68-0191
PENNSYLVANIA STATE UNIVERSITY
A HIGH PRECISION LOGARITHMIC AMPLIFIER USING SAMPLING
TECHNIQUES
SCIENTIFIC REPORT NO 313 DEC 1967
BY SIMPSON L W
DAR ACCESS NO.....260303-006
DOC NUMBER.....AD671550
INSTR.....AF-19/628-67-C-0031
PROJECT/TASK.....7063/03

AFCHL 68-0192
STARLING RESEARCH INSTITUTE
PLASMA DENSELY CONTAIN WITH ELECTRIC FIELDS FOR
SOLAR WIND SCIENTIFIC REPORT NO 1 DEC 1967
BY SEMANIAN D L
DAR ACCESS NO.....271592-009
DOC NUMBER.....AD670248
INSTR.....AF-19/628/04809
PROJECT/TASK.....0600/15

AFCHL 68-0193
DANIEL THIES INC
SOLAR TIME AND SPACE - ASTROPHYSICAL QUANTITIES FINAL
REPORT FEB 1968
BY THIES H W
DAR ACCESS NO.....273200-001
DOC NUMBER.....AD673649
INSTR.....AF-19/628/05253
PROJECT/TASK.....0615/01

AFCL 68-0195
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
A METHOD FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC
DATA
REPORT NO 101 SCIENTIFIC REPORT NO 10 MAR 1968
BY RAPP R H
DAR ACCESS NO.....272752-070
DOC NUMBER.....A0673363
INSTH...AF-19/628/05701
PROJECT/TASK.....7609/02

AFCL 68-0196
UNIVERSITY OF SOUTHERN CALIFORNIA
LOCAL MODE STUDIES OF LI-DEFECT COMPLEXES IN Ga-As AND J-P
PAIRS IN SI FINAL REPORT APR 1968
BY SPITZER W G
ALLIED S P
LEWY M F
LEHMAN R G
TSVETOV V D
DAR ACCESS NO.....259720-001
DOC NUMBER.....A0670967
INSTH...F10628-67-C-0141
PROJECT/TASK.....5621/05

AFCL 68-0197
UNIVERSITY OF CSLO
SIMULTANEOUS OBSERVATIONS OF HA AND THE K-LINE OF CA II IN
THE SOLAR SPECTRUM
SCIENTIFIC INTERIM REPORT APR 1968
BY ENGVOLO D
DAR ACCESS NO.....252812-002
DOC NUMBER.....A0668403
INSTH...F01052-67-C-0070
PROJECT/TASK.....7609/06

AFCL 68-0198
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
A MICROWAVE SOURCE USING ULTRASONIC AMPLIFICATION IN
PIEZOELECTRIC SEMICONDUCTORS
RSEP NO 356 APR 1968
BY SLOODNIK A J JR
DAR ACCESS NO.....254430-006
DOC NUMBER.....A0657136
INSTH...AFCL-5635-03-01
PROJECT/TASK.....5635/01

AFCL 68-0199
ADCOL CORPORATION
DISCUSSION ON A CHANNEL TO MEASURE ION NUMBER DENSITIES
UNDER LOW PRESSURE AND SUPERSONIC SPEED
SCIENTIFIC REPORT NO 1 JUL 1967
BY DOLEZALEK H
DAR ACCESS NO.....767200-001
DOC NUMBER.....A0674935
INSTH...AF-19/628/05363
PROJECT/TASK.....5710/02

AFCL 68-0200
INTERNATIONAL BUSINESS MACHINES CORP
ANALYSIS OF RADIATION-INDUCED COUPLING EFFECTS BETWEEN
INTEGRATED CIRCUIT ELEMENTS FINAL REPORT FEB 1968
BY FRANKOVSKY F
PROTSCHKA H
BOYD G
GOCZAR P
DAR ACCESS NO.....760900-002
DOC NUMBER.....A0669852
INSTH...F19628-67-C-0306
PROJECT/TASK.....4608/05

AFCL 68-0201
UNIVERSITY OF CSLO
ON THE K-LINE OF CA II IN SUNSPOTS
ASTROPHYSICA NORVEGICA V2 N9 P173-18R 1967
BY ENGVOLO D
DAR ACCESS NO.....252812-001
DOC NUMBER.....A0668402
INSTH...F01052-67-C-0070
PROJECT/TASK.....7609/06

AFCL 68-0202
UNIVERSITY OF CSLO
THE VELOCITY FIELD SURROUNDING SUNSPOTS AS DERIVED FROM
OBSERVATIONS OF HA
SOLAR PHYSICS V2 P227-230 1967
BY HAUGAN E
DAR ACCESS NO.....252812-004
DOC NUMBER.....A0668390
INSTH...F01052-67-C-0070
PROJECT/TASK.....7609/06

AFCL 68-0203
UNIVERSITY OF CSLO
ON THE K-LINE OF CA II IN SUNSPOTS
SOLAR PHYSICS V2 P230-231 1967
BY ENGVOLO D
DAR ACCESS NO.....252812-005
DOC NUMBER.....A0668401
INSTH...F01052-67-C-0070
PROJECT/TASK.....7609/06

AFCL 68-0204
UNIVERSITY OF CSLO
ON THE PREVALENCE OF THE K-LINE OF THE K-LINE AND THE
O-LINE OF THE K-LINE IN SUNSPOTS
SOLAR PHYSICS V2 P231-232 1967
BY ENGVOLO D
DAR ACCESS NO.....252812-006
DOC NUMBER.....A0668402
INSTH...F01052-67-C-0070
PROJECT/TASK.....7609/06

AFCL 68-0205
NORTH AMERICAN ROCKWELL CORP
IMPROVED CATHODE SYSTEMS FOR HIGH-ENERGY PRIMARY BATTERIES
AF-68-93 SCIENTIFIC REPORT NO 1 DEC 1968
BY NICHOLSON M M
DAR ACCESS NO.....260230-001
DOC NUMBER.....A0665244L
INSTH...F19628-67-C-0387
PROJECT/TASK.....8659/06

AFCL 68-0206
RESEARCH TRIANGLE INSTITUTE
RESEARCH IN NUMERICAL DYNAMICAL AND OPERATIONAL WEATHER
FORECAST PROCEDURES FINAL REPORT APR 1968
BY VUKOVICH F N
CHOW C F
DAR ACCESS NO.....258090-001
DOC NUMBER.....A0669332
INSTH...AF-19/628/05834
PROJECT/TASK.....8628/06

AFCL 68-0207
BLOCK ENGINEERING INC
DEVELOPMENT OF INSTRUMENTATION WHICH WILL ALLOW
MEASUREMENT OF THE INFRARED REFRACTIVE INDEX OF OZONE FINAL
REPORT APR 1968
BY MEEHAN J W
DAR ACCESS NO.....259870-001
DOC NUMBER.....A0669576
INSTH...F19628-67-C-0235
PROJECT/TASK.....7670/02

AFCL 68-0208
HUGHES AIRCRAFT CO
STUDY OF THE CONTROL OF ELECTROMAGNETIC RADIATION FROM
AIRCRAFT AND SPACE VEHICLES FINAL REPORT MAR 1968
BY VILLENEUVE A T
DAR ACCESS NO.....252290-009
DOC NUMBER.....A0671147
INSTH...AF-19/628/04349
PROJECT/TASK.....4600/10

AFCL 68-0209
YESHIVA UNIVERSITY
COLLECTIVE METHODS FOR SYSTEMS WITH LONG-RANGE COHERENCE
FINAL REPORT MAR 1968
BY CARMEL G
DAR ACCESS NO.....253330-001
DOC NUMBER.....A0671173
INSTH...AF-19/628/04381
PROJECT/TASK.....5634/06

AFCL 68-0210
YESHIVA UNIVERSITY
RESEARCH DIRECTED TOWARD UNDERSTANDING BEHAVIOR AND
DETECTION OF PLASMAS IN MAGNETIC FIELD FINAL REPORT APR
1968
BY CARMEL G
DAR ACCESS NO.....251380-002
DOC NUMBER.....A0669080
INSTH...AF-19/628/02399
PROJECT/TASK.....8608/03

AFCL 68-0211
HUGHES AIRCRAFT COMPANY
INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES
FINAL REPORT MAR 1968
BY TANG H
WANG H S
LEE S W
DAR ACCESS NO.....251720-003
DOC NUMBER.....A0671536
INSTH...AF-19/628/04904
PROJECT/TASK.....4600/10

AFCL 68-0212
ENVIRONMENTAL SCIENCE SERVICES ADMIN
DIFFRACTION AND SCATTERING OF THE ELECTROMAGNETIC GROUND
WAVE BY TERRAIN FEATURES
RADIO SCIENCE VOL 3 NEW SERIES NO 10 PP995-1003 DEC 1968
BY WAT J H
DAR ACCESS NO.....756150-002
DOC NUMBER.....A0679009
INSTH...PHO - 00823-67
PROJECT/TASK.....5635/06

AFCL 68-0213
ECOLE NORMALE SUPERIEURE
FAST RECOVERY OF ELECTRON IRRADIATED GERMANIUM
PROCEEDINGS OF 1967 CONFERENCE ON RADIATION EFFECTS IN
SEMICONDUCTORS /PLENUM PRESS NEW YORK 1968/
BY NGUYEN J
DAR ACCESS NO.....259620-001
DOC NUMBER.....A0668408
INSTH...F01052-67-C-0002
PROJECT/TASK.....4608/01

AFCL 68-0214
ECOLE NORMALE SUPERIEURE
LOW TEMPERATURE IRRADIATION AND ANNEALING OF N-TYPE
GERMANIUM EFFECTS OF OPTICAL BLEACHING
PROCEEDINGS OF 1967 CONFERENCE ON RADIATION EFFECTS IN
SEMICONDUCTORS /NEW YORK 1968/
BY ZILBER J
DAR ACCESS NO.....259620-002
DOC NUMBER.....A0668409
INSTH...F01052-67-C-0002
PROJECT/TASK.....4608/01

AFCHL 68-0215
KOLB NORMAL SUPERLUMINESCENCE
PHOTOCONDUCTIVITY SPECTRA OF LOW-TEMPERATURE ELECTROLYTE
IRRADIATED GERMANIUM
PROCEEDINGS OF 1967 CONFERENCE ON RADIATION EFFECTS IN
SEMICONDUCTORS PLENARY PRESS NEW YORK 1968
BY FISCHER J F
CHERNI M
ZIFINE J
DAR ACCESS NO.....259820-003
DOC NUMBER.....AD66470
INSTN...F1052-67-C-0002
PROJECT/TASK.....4608701

AFCHL 68-0216
KOLB NORMAL SUPERLUMINESCENCE
ENHANCED DIFFUSION IN GERMANIUM
PROCEEDINGS OF 1967 CONFERENCE ON RADIATION EFFECTS IN
SEMICONDUCTORS NEW YORK 1968
BY DRELOT A
DAR ACCESS NO.....259820-004
DOC NUMBER.....AD66471
INSTN...F1052-67-C-0002
PROJECT/TASK.....4608701

AFCHL 68-0217
HARVARD UNIVERSITY
SOME ADDITIONAL ASPECTS OF THE UNEQUAL ACTIVITY OF THE
NORTHERN AND SOUTHERN SOLAR WINDS IN MICROWAVE RADIO
BURSTS AND SIPS
SWISS JOURNAL OF PHYSICS VOL 30 NO 4
P197-208 1968
BY HARVEY S A
DELL J
DAR ACCESS NO.....271772-001
DOC NUMBER.....AD66472
INSTN...F1052-67-C-0002
PROJECT/TASK.....7647704

AFCHL 68-0218
UNIVERSITY OF CALIFORNIA
CORRECTION TO STOKES LAW FOR A CHARGED SPHERE MOVING IN A
POLARIZABLE COMPOSITIVE LIQUID
PHYSICS OF FLUIDS VOL 10 NO 12 P2702-2704 DEC 1967
BY SCHAPPERT G T
DAR ACCESS NO.....252871-004
DOC NUMBER.....AD66473
INSTN...AF-14762-67-C-0002
PROJECT/TASK.....8625702

AFCHL 68-0219
SOUTHWEST CENTER FOR ADVANCED STUDIES
EFFECT OF THE INTERPLANETARY MAGNETIC FIELD ON THE
PROPAGATION OF COSMIC RAYS FINAL REPORT FEB 1968
BY MCCracken K G
DAR ACCESS NO.....252871-001
DOC NUMBER.....AD66474
INSTN...AF-14762-67-C-0002
PROJECT/TASK.....8625702

AFCHL 68-0220
SANDERS ASSOCIATES INC
RADIATION DAMAGE STUDIES OF SILICON PHOTO DETECTORS AND
MAGNETIC DEVICES FINAL REPORT APR 1968
BY TENDLER J M
SCHWARTZ J
DEUMA M
NOVINSKI A
DAR ACCESS NO.....252871-001
DOC NUMBER.....AD66475
INSTN...AF-14762-67-C-0002
PROJECT/TASK.....8625702

AFCHL 68-0221
AMERICAN SCIENCE AND ENGINEERING INC
ON THE EXISTENCE OF SOLUTIONS TO CERTAIN SHOCK-WAVE
PROBLEMS FINAL REPORT MAR 1968
BY TWEVE Y M
DAR ACCESS NO.....271772-001
DOC NUMBER.....AD66476
INSTN...AF-14762-67-C-0002
PROJECT/TASK.....8625702

AFCHL 68-0222
PENNSYLVANIA ELECTRIC SYSTEMS
TIME CORRELATIONS IN FORWARD SCATTERING BY RANDOM
DISTRIBUTIONS FINAL REPORT APR 1968
BY HURKE J F
HARVEY S A
KAYS T H
DAR ACCESS NO.....252871-001
DOC NUMBER.....AD66477
INSTN...AF-14762-67-C-0002
PROJECT/TASK.....8625702

AFCHL 68-0223
MCCLELLAN UNIVERSITY
PROCEEDINGS OF THE 20th INTERNATIONAL SYMPOSIUM ON THE
MODERN ATOMOSPHERE
SCIENTIFIC REPORT NO 2 MAR 1968
BY HUNTER R A
DAR ACCESS NO.....271772-001
DOC NUMBER.....AD66478
INSTN...AF-14762-67-C-0002
PROJECT/TASK.....8625702

AFCHL 68-0225
GENERAL ELECTRIC COMPANY
REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING /U/
FINAL REPORT JAN 1968
BY CLARK J E
MCDONELL C M
BENAR F M
VITALI PYATI D
TAUBITZ J E
DAR ACCESS NO.....252871-004
DOC NUMBER.....AD66479
INSTN...AF-14762-67-C-0002
PROJECT/TASK.....8625702

AFCHL 68-0226
GENERAL ELECTRIC COMPANY
STUDY TO OBTAIN DESIGN DATA FOR HENRY ECM ANTENNA SYSTEMS
FINAL REPORT MAR 1968
BY HISHING P E
MCMANAMEN D L
SCHERER P M
JORDAN A K
DAR ACCESS NO.....252871-004
DOC NUMBER.....AD66480
INSTN...AF-14762-67-C-0002
PROJECT/TASK.....8625702

AFCHL 68-0227
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
IMPROVED ANALOG VOICE COMMUNICATIONS
IN NO 141 APR 1968
BY GRIFFITHS J D
DAR ACCESS NO.....252871-001
DOC NUMBER.....AD66481
INSTN...AFCHL-5628-02-01
PROJECT/TASK.....8625702

AFCHL 68-0228
AIR FORCE CAMBRIDGE RESEARCH LABS
PROCEEDINGS OF THE WORKSHOP ON METHODS OF OBTAINING WINDS
AND DENSITIES FROM RADAR METEOR TRAIL RETURNS
SPECIAL REPORTS NO 74 APR 1968
BY BARNES A A JR
HAZICKAS J J
DAR ACCESS NO.....252871-001
DOC NUMBER.....AD66482
INSTN...AFCHL-5628-02-01
PROJECT/TASK.....8625702

AFCHL 68-0229
AIR FORCE CAMBRIDGE RESEARCH LABS
ESTIMATING THE DATE OF RETREAT OF THE RAINY SEASON IN
SOUTHERN SOUTH VIETNAM
AFSG NO 204 APR 1968
BY LUND I A
GRANTHAM O D
DAR ACCESS NO.....252871-001
DOC NUMBER.....AD66483
INSTN...AFCHL-5628-02-01
PROJECT/TASK.....8625702

AFCHL 68-0231
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
THE DETERMINATION OF ANTENNA PARAMETERS BY THE USE OF
EXTRA-TERRESTRIAL RADIO SOURCES
PSRP NO 357 APR 1968
BY GUIDICE D A
CASTELLI J P
DAR ACCESS NO.....252871-001
DOC NUMBER.....AD66484
INSTN...AFCHL-5628-02-01
PROJECT/TASK.....8625702

AFCHL 68-0232
AIR FORCE CAMBRIDGE RESEARCH LABORATORY
DURATION OF COLD TEMPERATURE OVER NORTH AMERICA
FND NO 286 APR 1968
BY TATTELMAN P I
DAR ACCESS NO.....252871-001
DOC NUMBER.....AD66485
INSTN...AFCHL-5628-02-01
PROJECT/TASK.....8625702

AFCHL 68-0233
RAYTHEON CO
INVESTIGATION OF MODE-LOCKING AND CERTAIN OTHER MECHANISMS
IN LASERS AND THEIR IMPLICATIONS FINAL REPORT JUNE 1968
BY SEATZ H
JEMAS G A
JANS W
DAR ACCESS NO.....252871-001
DOC NUMBER.....AD66486
INSTN...AF-14762-67-C-0002
PROJECT/TASK.....8625702

AFCHL 68-0234
VICTORIA UNIVERSITY OF MANCHESTER
LABORATORY SIMULATION OF LUNAR LUMINESCENCE WITH SPECIAL
REFERENCE TO METEORITIC MATERIAL FINAL REPORT DEC 1967
BY GRAKE J E
LUMIN M D
OLMAN C J
WALKER G
DAR ACCESS NO.....252871-001
DOC NUMBER.....AD66487
INSTN...AF-14762-67-C-0002
PROJECT/TASK.....8625702

AFCHL 68-0235
MEMPHIS UNIVERSITY
INSULATING CRYSTALS FINAL REPORT FEB 1968
BY HALLERIN A
HARRIS A A
COTTON J
STANLEY J
ZACKS E
DAR ACCESS NO.....273560-001
DOC NUMBER.....AD66488
INSTN...F1052-67-C-0002
PROJECT/TASK.....4608701

AFCHL 6R-0231
UNIVERSITY OF PHYSICAL SCIENCES
KINETIC THEORY AND RELAXATION PROCESSES OF WEARLY IONIZED
CASES
SCIENTIFIC REPORT NO 1 FEB 1968
BY O'NEILL J L
CONSTANTIN A
FITZPATRICK M
GORDON J
LITNAT E
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0230
UNIVERSITY OF ILLINOIS
ON THE NON-LOCAL COMPUTATIONAL INSTABILITY OF THE
EQUATIONS OF ONE-DIMENSIONAL FLUID FINAL REPORT FOR THE
BY GRAMMELTVEIT A
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0232
SPACE SCIENCES INCORPORATED
THE STUDY OF PLASMA SCATTERING OF INFRARED RADIATION AND
RESULTANT INTERACTION WITH MICROWAVE RADIATION FINAL
REPORT APR 1968
BY AISENBERG S
NYDLICK S F
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0240
SYSTEM DEVELOPMENT CORP
ADAPTABLE FACILITIES FOR LANGUAGES
IN-738/084700 SCIENTIFIC REPORT NO 17 MAY 1968
BY GINSBURG S
GRIFFITH S
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0241
SYSTEM DEVELOPMENT CORP
CHECKING AUTOMATA AND ONE-WAY STACK LANGUAGES
IN-738/084700 SCIENTIFIC REPORT NO 17 MAY 1968
BY GRIFFITH S
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0243
TECHNICAL RESEARCH
INVESTIGATION OF PHASE DISTRIBUTION OF LASER FINAL REPORT
DEC 1967
BY NEWSTEIN M C
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0244
CONTROL DATA CORPORATION
QUANTUM THEORY OF LASER OSCILLATION II
IN-738/084700 SCIENTIFIC REPORT NO 3 FEB 1968
BY HADRON S H
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0245
TUFTS UNIVERSITY
SIMPLE INSTABILITY MECHANISMS FOR DYNAMIC LOADS FINAL
REPORT MAY 1968
BY SUTCLIFFE S
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0246
INTERNATIONAL BUSINESS MACHINES CORP
MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING
RADIATION ON SEMICONDUCTORS
IN-738/084700 SCIENTIFIC REPORT NO 1 APR 1968
BY KENNEDY D H
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0247
ORNL STATE UNIVERSITY
STUDY OF EMISSION SPECTRA BY PHASE-DISCRIMINATION METHOD
FINAL REPORT APR 1968
BY DICKEY R H
HUGHES R H
SCOTT R E
YANEZ J J
WHITE J T
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0249
ANSHWER CORP
INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION OF A
FLEETBACK METHOD FOR
THIRD QUARTERLY REPORT MAY 1968
BY CHARLTON T C
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0249
ADVANCED TECHNOLOGY CORPORATION
THEORETICAL AND EXPERIMENTAL INVESTIGATION OF FOCAL PLANE
ADAPTIVE ANTENNA TECHNIQUES FINAL REPORT APR 1968
BY COHN M
LITLIPAGE H S
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0250
WESTERN ELECTRIC COMPANY INC
EFFECTS OF RADIATION ON SEMICONDUCTOR MATERIALS AND DEVICES
FINAL REPORT APR 1968
BY WILSON D R
MITCHELL J H
CUTHBERT J D
LEE H S
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0253
CONVULS AERONAUTICAL LABORATORY INC
STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL FOR
FINAL REPORT APR 1968
BY ANDERSON N
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0254
GENERAL ELECTRIC COMPANY
LINE NOISE CAPTURE MONOPULSE EXISTATIONS FINAL REPORT
APR 1968
BY KINSLEY R K
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0255
SAN FRANCISCO VALLEY STATE COLLEGE FOUNDATION
CREATING SIGNALS AS PROJECTIONS PART 3 MOUNTAIN VS MEAN
IN-738/084700 SCIENTIFIC REPORT NO 3 MAY 1968
BY GUSTAFSON W F
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0256
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
EMPIRICAL DETERMINATION OF SCATTERED LIGHT TRANSPORT
THROUGH THE LOWER ATMOSPHERE
IN-738/084700 SCIENTIFIC REPORT NO 3 MAY 1968
BY WILEY G F
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0257
MOLECULAR RESEARCH CORP
AN INVESTIGATION OF METHODS OF PRODUCING SUFFICIENT TRIGGER
IN JET EXHAUSTS THROUGH ADDITION OF FUEL ADDITIVES TO JRA
FINAL REPORT APR 1968
BY RECHTIG D
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0259
KIRUNA GEOPHYSICAL OBSERVATORY
A SYSTEM FOR AUTOMATIC COLLECTION AND PROCESSING OF
GEOMAGNETIC DATA IN DIGITAL FORM
ANNUAL SUMMARY REPORT MAY 1968
BY GUSTAFSSON G
NIELSSON S
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCHL 6R-0260
GENERAL ELECTRIC COMPANY
STUDY OF JET GATEWAY STUDIES ON THE ANNUAL MEETING OF THE
AFCHL 6R-0260 FINAL REPORT APR 1968
BY KAPLAN J J
DAR ACCESS NO.....26022-001
DOC NUMBER.....AD672014
INSTR.....AF-1962-07-C-0044
PROJECT/TASK.....R67201

AFCL 68-0261
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THEORETICAL AND EXPERIMENTAL STUDIES OF MECHANICAL
PROPERTIES OF ROCK FINAL REPORT MAY 1968
BY BRACE W F
OAR ACCESS NO.....250460-001
DDC NUMBER.....AD670603
INSTR...AF-19/62R/0320R
PROJECT/TASK.....7639/05

AFCL 68-0262
POLYTECHNIC INSTITUTE OF BROOKLYN
APPLICATION OF ELECTROMAGNETIC THEORY TO RADIATING AND
NON-RADIATING TRANSMISSION LINES FINAL REPORT MAY 1968
BY OLIVER A A
OAR ACCESS NO.....272621-008
DDC NUMBER.....AD671975
INSTR...AF-19/62R/04324
PROJECT/TASK.....8663/02

AFCL 68-0263
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
THE RINGING INHOMOGENEITY IN IONOSPHERIC SCINTILLATION
EMP NO 288 MAY 1968
BY SLACK F F
OAR ACCESS NO.....254100-006
DDC NUMBER.....AD673795
INSTR...AFCL-8643-02-01
PROJECT/TASK.....4643/02

AFCL 68-0264
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE ROLE OF DISTINCTIVE FEATURES IN CHILDRENS ACQUISITION
OF PHONOLOGY
JOURNAL OF SPEECH AND HEARING RESEARCH VOL 11 NO 1
PPI 18-146 MARCH 1968
BY MENTUK P
OAR ACCESS NO.....251811-002
DDC NUMBER.....AD674124
INSTR...AF-19/62R/05061
PROJECT/TASK.....8681/01

AFCL 68-0265
TRW INC
OCEANOGRAPHIC RESEARCH SATELLITE MARK III OV5-1 (FRS 27)
FINAL REPORT APR 1968
BY CHAPMAN M C
GARDNER J B
MARTIN H J
OAR ACCESS NO.....754100-001
DDC NUMBER.....AD680827
INSTR...AF-19/62R/05817
PROJECT/TASK.....0000/52

AFCL 68-0266
STANFORD RESEARCH INSTITUTE
RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEMS FINAL
REPORT MAY 1968
BY BENTHAM R
OAR ACCESS NO.....250530-002
DDC NUMBER.....AD671470
INSTR...AF-19/62R/05919
PROJECT/TASK.....4641/32

AFCL 68-0268
COLUMBIA UNIVERSITY
SEISMICITY IN THE VICINITY OF THE RAMAPO FAULT NEW
JERSEY-NEW YORK
BULLETIN OF THE SEISMOLOGICAL SOC OF AMERICA VOL 58 NO 2
P2681-697 APRIL 1968
BY PAGE M A
MOLNAR P M
OLIVIA J
OAR ACCESS NO.....272521-022
DDC NUMBER.....AD671297
INSTR...AF-19/62R/04082
PROJECT/TASK.....8652/00

AFCL 68-0269
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
CLOUD DETECTION CAPABILITY OF OPERATIONAL AN/TPO-11
RADAR SETS DURING 1966-1967
ID NO 142 MAY 1968
BY KANTON A J
OAR ACCESS NO.....250760-008
DDC NUMBER.....AD671484
INSTR...AFCL-8624-02-01
PROJECT/TASK.....8624/02

AFCL 68-0271
AUBURN UNIVERSITY
CIRCULAR ANTENNA ARRAYS HAVING TANGENTIAL DIPOLES AS
ELEMENTS
SCIENTIFIC REPORT NO 1 PART II FEB 1968
BY HOLMES C M
TILLMAN J D
OAR ACCESS NO.....271782-003
DDC NUMBER.....AD681850
INSTR...AF-19/62R/04491
PROJECT/TASK.....4630/10

AFCL 68-0272
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
AN ANALYSIS OF THE PERFORMANCE OF THE THREE-STATION SPARSA
NETWORK FOR DETECTING AND TRACKING THUNDERSTORM ACTIVITY
ID NO 143 MAY 1968
BY WELLS B D
OAR ACCESS NO.....256600-003
DDC NUMBER.....AD671934
INSTR...AFCL-6670-05-01
PROJECT/TASK.....6670/05

AFCL 68-0273
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
UTILIZATION OF PAST DATA IN NUMERICAL FORECASTING
ENM-66-63 TRANSLATION NO 1 MAY 1968
BY CHAN-CHAU K
OAR ACCESS NO.....255490-006
DDC NUMBER.....AD674478
INSTR...AFCL-8604-04-01
PROJECT/TASK.....8604/04

AFCL 68-0274
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
THE INFLUENCE OF A MOUNTAIN ON THE DISPLACEMENT OF
BAROTROPIC DISTURBANCES
ENM-66-67 MAY 1968
BY JUNG-SUN W
OAR ACCESS NO.....255490-007
DDC NUMBER.....AD674477
INSTR...AFCL-8604-04-01
PROJECT/TASK.....8604/04

AFCL 68-0275
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
ADAPTATION BETWEEN THE PRESSURE AND THE WIND FIELD IN
MESO-AND SMALL-SCALE MOTIONS
ENM-66-131 MAY 1968
BY YEH T C
LI M T
OAR ACCESS NO.....255490-008
DDC NUMBER.....AD674760
INSTR...AFCL-8604-04-01
PROJECT/TASK.....8604/04

AFCL 68-0276
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
A SIMPLE TWO-LAYER MODEL AND ITS EXTENSION
ENM-66-62 TRANSLATION NO 4 MAY 1968
BY TUNG-HSIEN L
OAR ACCESS NO.....255490-009
DDC NUMBER.....AD675137
INSTR...AFCL-8604-04-01
PROJECT/TASK.....8604/04

AFCL 68-0277
UNIVERSITY OF NEW HAMPSHIRE
STUDY OF THE INTENSITY TIME VARIATIONS OF THE COSMIC
RADIATION FINAL REPORT MAY 1968
BY LOCKWOOD J A
OAR ACCESS NO.....263421-005
DDC NUMBER.....AD671553
INSTR...AF-19/62R/02352
PROJECT/TASK.....8600/07

AFCL 68-0278
UNIVERSITY OF DENVER
ATMOSPHERIC TRANSMITTANCE STUDIES FINAL REPORT APR 1968
BY MURRAY D G
OAR ACCESS NO.....272541-008
DDC NUMBER.....AD670660
INSTR...AF-19/62R/05202
PROJECT/TASK.....8662/01

AFCL 68-0279
SPERRY GYROSCOPE CO
TRANSVERSE ANTENNA FEED STUDY FINAL REPORT MAY 1968
BY MARTIN R W
SMILFA L I
VALENTINO P A
OAR ACCESS NO.....252131-002
DDC NUMBER.....AD674061
INSTR...AF-19/62R/05743
PROJECT/TASK.....4600/10

AFCL 68-0280
PURDUE UNIVERSITY
ON THE SCATTERING AND THE MODIFICATION OF SCATTERING OF
WAVES FROM A LONG WIRE
IN-ECM-6 SCIENTIFIC REPORT NO 3 JUNE 1968
BY CHEN C L
OAR ACCESS NO.....251060-002
DDC NUMBER.....AD675178
INSTR...AF-19/62R/01691
PROJECT/TASK.....5635/02

AFCL 68-0282
SYRACUSE UNIVERSITY
GENERALIZED NETWORK PARAMETERS FOR BODIES OF REVOLUTION
EE1933-56U-541 MAY 1968
BY MAUTZ J R
MARRINGTON R F
OAR ACCESS NO.....259920-001
DDC NUMBER.....AD683899
INSTR...F19628-67-C-0233
PROJECT/TASK.....5635/02

AFCL 68-0283
VITRU LABORATORIES
LEAK DETECTION OF LARGE PRESSURIZED SPHERICAL BALLOONS
FINAL REPORT APR 1968
BY DAVIDSON A R JR
OAR ACCESS NO.....756310-001
DDC NUMBER.....AD670886
INSTR...F19628-67-C-0414
PROJECT/TASK.....6669/07

AFCHL 68-0285
THE AURORAL OBSERVATORY
SATELLITE SCINTILLATION AT HIGH LATITUDES AND ITS POSSIBLE
RELATION TO PRECIPITATION OF IONOSPHERIC PARTICLES
PROGRESS REPORT NO 4 APR 1968
BY FRIMHAGEN J
DAR ACCESS NO.....252471-001
DOC NUMBER.....AD670201
INSTR...AF1052-07-C-0020
PROJECT/TASK.....4643/02

AFCHL 68-0286
AMERICAN SCIENCE AND ENGINEERING
REFINEMENT TEST INTEGRATION AND FIELD SUPPORT OF
SCIENTIFIC INSTRUMENTS FOR THE OVI-13 SATELLITE FINAL
REPORT JUN 1968
BY PARLINE F H
TAYLOR M D
WELSH R T
ZUCKER M
DAR ACCESS NO.....761113-001
DOC NUMBER.....AD670470
INSTR...AF10620-07-C-0236
PROJECT/TASK.....4600/06

AFCHL 68-0287
KNOX UNIVERSITY
ELECTROMAGNETIC SCATTERING IN THE TIME DOMAIN IN A
PERFECTLY CONDUCTING CURVED SURFACE
SCIENTIFIC REPORT NO 5 AF 64-75 APR 1968
BY MINCH J L
BOLLE D M
DAR ACCESS NO.....254470-004
DOC NUMBER.....AD670002
INSTR...AF-1962H/05046
PROJECT/TASK.....4635/02

AFCHL 68-0288
TYCO LABORATORIES INC
INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SiC BY THE
TRAVELLING SOLVENT AND OTHER METHODS FINAL REPORT NOV 1968
BY DAS B N
LAMPHOT C H
MLAVSKY A I
TRICKETT E A
WOLFF G A
DAR ACCESS NO.....250741-002
DOC NUMBER.....AD671982
INSTR...AF10620-07-C-0186
PROJECT/TASK.....4600/02

AFCHL 68-0289
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
SMOOTHING EFFECT OF THE TURBULENCE TERM IN OBJECTIVE
ANALYSIS AND NUMERICAL PREDICTION
FNN-67-116 TRANSLATION NO 5 MAY 1968
BY CHEN-CHAO K
DAR ACCESS NO.....255490-010
DOC NUMBER.....AD674480
INSTR...AFCHL-6804-04-01
PROJECT/TASK.....4604/04

AFCHL 68-0290
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
ON THE STABILITY AND CONVERGENCE OF THE SO-CALLED ZEPHARD
AND CENTERED FINITE-DIFFERENCE
FNN-66-132 TRANSLATION NO 6 MAY 1968
BY TUNG-HSIEN L
DAR ACCESS NO.....255490-011
DOC NUMBER.....AD674479
INSTR...AFCHL-6804-04-01
PROJECT/TASK.....4604/04

AFCHL 68-0291
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
A NUMERICAL STUDY OF THE GENERAL CIRCULATION OF THE
ATMOSPHERE
FNN-66-133 TRANSLATION NO 7 MAY 1968
BY YUNG-SAN C
DAR ACCESS NO.....255490-012
DOC NUMBER.....AD674475
INSTR...AFCHL-6804-04-01
PROJECT/TASK.....4604/04

AFCHL 68-0292
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
CONVECTIVE INSTABILITY OF INERTIA WAVES AND PHYSICAL
ANALYSIS OF THE FORMATION OF TYPHOONS AT THE EARLY STAGE
FNN-66-132 TRANSLATION NO 8 MAY 1968
BY CHU-SHEN C
DAR ACCESS NO.....255490-013
DOC NUMBER.....AD674476
INSTR...AFCHL-6804-04-01
PROJECT/TASK.....4604/04

AFCHL 68-0294
ANALYSIS OF COMPUTER SYSTEMS INC
SATELLITE INSTRUMENTATION PROCESSOR SYSTEM FINAL REPORT
MAY 1968
BY DALTON L L
DESMONDERS W H
FUSCO J A
WILLIAMS J T
DAR ACCESS NO.....763711-002
DOC NUMBER.....AD670432
INSTR...AF10620-07-C-0124
PROJECT/TASK.....4633/00

AFCHL 68-0295
UNIVERSITY OF HAWAII
STRUCTURE AND SPECTRA OF SOLAR ATMOSPHERE FINAL REPORT APR
1968
BY JEFFERIES J T
DAR ACCESS NO.....257400-001
DOC NUMBER.....AD673287
INSTR...AF-1962H/05046
PROJECT/TASK.....7649/06

AFCHL 68-0296
UNIVERSITY OF COLORADO
THERMALLY DRIVEN ROSSBY-WIDE DYNAMO FOR SOLAR
MAGNETIC-FIELD REVERSALS
SCIENCE MAY 17 1968 VOL 160 PAGES 760-763
BY GILMAN P A
DAR ACCESS NO.....260030-001
DOC NUMBER.....AD673083
INSTR...AF10620-07-C-0304
PROJECT/TASK.....0000/76

AFCHL 68-0297
HUGHES AIRCRAFT COMPANY
ON THE USE OF EXPERIMENTAL AND COMPUTATIONAL TECHNIQUES
IN ANALYZING THE PERFORMANCE OF SCANNED ARRAYS
PAR-62 MAC RCF NO A5034 SCIENTIFIC REPORT NO 9 MAR 1968
BY ALBIN D H
NAKATANI U T
VILLENEUVE A T
DAR ACCESS NO.....252290-010
DOC NUMBER.....AD674954
INSTR...AF-1962H/04349
PROJECT/TASK.....4600/10

AFCHL 68-0298
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
ON THE USE OF THE TERRAIN CORRECTION IN SOLVING
MOLDOENSKYS PROBLEM
REPORT NO 108 SCIENTIFIC REPORT NO 21 MAY 1968
BY MINITZ H
DAR ACCESS NO.....272252-021
DOC NUMBER.....AD676302
INSTR...AF-1962H/05701
PROJECT/TASK.....7600/02

AFCHL 68-0299
UNIVERSITY OF OKLAHOMA RESEARCH INSTITUTE
THEORETICAL STUDIES ON INELASTIC COLLISIONS OF ELECTRONS
WITH ATOMS AND MOLECULES FINAL REPORT MAY 1968
BY LIN C C
DAR ACCESS NO.....261751-001
DOC NUMBER.....AD670665
INSTR...AF-1962H/04973
PROJECT/TASK.....0650/01

AFCHL 68-0300
AMERICAN SCIENCE AND ENGINEERING INC
HOLKST TR HORIZON DATA ANALYSIS FINAL REPORT JUNE 1968
BY SODICKSON L A
UCKER R L
DAR ACCESS NO.....754840-001
DOC NUMBER.....AD672991
INSTR...AF-1962H/05044
PROJECT/TASK.....7670/07

AFCHL 68-0302
HEWLETT-PACKARD COMPANY
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR
OPTICAL DETECTION AND CATHODIC EMISSION
SCIENTIFIC REPORT NO 2 JUNE 1968
BY ANCHER R J
CHEN J
VILMS J
DAR ACCESS NO.....254901-002
DOC NUMBER.....AD672287
INSTR...AF1062H-68-C-0090
PROJECT/TASK.....5621/07

AFCHL 68-0305
MCGILL UNIVERSITY
LIFE-CYCLE OF A SUMMER STORM FROM RADAR RECORDS
M-55 SCIENTIFIC REPORT NO 6 MAY 1968
BY HULTZ C D
DAR ACCESS NO.....271422-006
DOC NUMBER.....AD671941
INSTR...AF10620-07-C-0129
PROJECT/TASK.....4620/04

AFCHL 68-0306
UNIVERSITY OF UTAH
LANGMUIR PROGES FOR DETERMINING IONOSPHERIC PARTICLE
DENSITIES AND TEMPERATURES
SCIENTIFIC REPORT NO 1 JUNE 1968
BY SEIJAAS K G
DAR ACCESS NO.....254933-001
DOC NUMBER.....AD672208
INSTR...AF1062H-67-C-0275
PROJECT/TASK.....5710/00

AFCHL 68-0307
TICRAS INSTRUMENTS INC
INVESTIGATION OF RADIATION EFFECTS IN SEMICONDUCTORS
SCIENTIFIC REPORT NO 1 JUNE 1968
BY AIKEN J G
BUHLEN M G
CHADSE J S
MATZEN M I
DAR ACCESS NO.....260670-001
DOC NUMBER.....AD672940
INSTR...AF1062H-68-C-0184
PROJECT/TASK.....4608/05

AFCHL 68-0309
 GEORGIA INSTITUTE OF TECHNOLOGY
 ATMOSPHERIC TIDAL MOTION IN THE 90 TO 125 KILOMETER HEIGHT
 REGION
 R-205 SCIENTIFIC REPORT NO 1 JUNE 1968
 HY WIDRUM A
 JUSTUS C G
 DAA ACCESS NO.....251550-001
 DOC NUMBER.....AD672H25
 INSTR...AF-19/62H/04781
 PROJECT/TASK.....7617/02

AFCHL 68-0310
 RADIATION RESEARCH ASSOCIATES INC
 STUDY OF POLARIZATION OF SCATTERED LIGHT USING
 MONTE CARLO METHODS
 RRA-176 SCIENTIFIC REPORT NO 2 MAY 1968
 HY COLLINS D C
 DAA ACCESS NO.....766170-002
 DOC NUMBER.....AD675152
 INSTR...F1962H-67-C-0248
 PROJECT/TASK.....7621/07

AFCHL 68-0311
 RADIATION RESEARCH ASSOCIATES INC
 MONTE CARLO ANALYSIS OF SCATTERED LIGHT SCATTERING MEASUREMENTS
 RRA-177 SCIENTIFIC REPORT NO 3 MAY 1968
 HY BELLS M E
 DAA ACCESS NO.....766170-003
 DOC NUMBER.....AD675153
 INSTR...F1962H-67-C-0248
 PROJECT/TASK.....7621/07

AFCHL 68-0312
 HARVARD UNIVERSITY
 THE EQUILIBRIUM STRUCTURE OF A SHOCK-HEATED CORONA
 SCIENTIFIC REPORT NO 4 JUNE 1968
 HY KOPP R A
 DAA ACCESS NO.....251500-003
 DOC NUMBER.....AD674060
 INSTR...AF-19/62H/03677
 PROJECT/TASK.....6047/01

AFCHL 68-0313
 RYONICK RESEARCH ASSOCIATES
 REFLECTION AND AMPLIFICATION OF ELECTROMAGNETIC WAVES IN
 AN OSCILLATING IONIZED MEDIUM PART II
 SCIENTIFIC REPORT NO 10 DEC 1967
 HY ASKE J
 DAA ACCESS NO.....251500-011
 DOC NUMBER.....AD670557
 INSTR...AF-61/052/00964
 PROJECT/TASK.....4603/02

AFCHL 68-0314
 ISWALL ACAD OF SCIENCES AND HUMANITIES
 IONOSPHERIC RESEARCH USING SATELLITES
 ANNUAL SCIENTIFIC REPORT NO 3 FEB 1968
 HY MASS J
 HEUMERER Z
 DAA ACCESS NO.....251500-004
 DOC NUMBER.....AD670558
 INSTR...AF-61/052/00937
 PROJECT/TASK.....4603/02

AFCHL 68-0315
 TECHNICAL UNIVERSITY OF DENMARK
 A FORTHAN IV SUBPROGRAM FOR PLOTTING CURVES ON A CALCUL
 503 DIGITAL ELECTRA
 SCIENTIFIC REPORT NO 1 MAY 1968
 HY NIELSEN E D
 DAA ACCESS NO.....250430-001
 DOC NUMBER.....AD671554
 INSTR...F01052-67-C-0056
 PROJECT/TASK.....4603/10

AFCHL 68-0316
 HARVARD UNIVERSITY
 RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION
 OF SOLAR PHENOMENA FINAL REPORT MAY 1968
 HY BELL M
 DEMAGIUS M L
 WENZEL J H
 DAA ACCESS NO.....271677-002
 DOC NUMBER.....AD673111
 INSTR...F1962H-67-C-0247
 PROJECT/TASK.....7649/06

AFCHL 68-0317
 UNIVERSITY OF WASHINGTON
 THE EFFECT OF SCANNING IN THE IMPEDANCES OF FINITE
 BRIDGESIDE COUPLING AND RECTANGULAR ARRAYS
 TECHNICAL REPORT NO 121 SCIENTIFIC REPORT NO 5 APR 1968
 HY AKIMA ISHIMARU A
 LAU-PH KU S
 DAA ACCESS NO.....271662-006
 DOC NUMBER.....AD673359
 INSTR...AF-19/62H/05474
 PROJECT/TASK.....4603/10

AFCHL 68-0318
 AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
 IONOSPHERIC RESEARCH IN SUPPORT OF ATMOSPHERIC IONIZATION
 EFFECTS
 AFRL-205 JUNE 1968
 HY GASKMAN G J
 DAA ACCESS NO.....250430-004
 DOC NUMBER.....AD673746
 INSTR...AFCHL-0631-18-01
 PROJECT/TASK.....6031/14

AFCHL 68-0319
 JOHN MORRISSEY ASSOCIATES INC
 COMPUTER PROGRAMS INTERNAL REPRESENTATION FINAL REPORT MAY
 1968
 HY HANBIRN R
 MORRISSEY J
 DAA ACCESS NO.....286621-001
 DOC NUMBER.....AD674617
 INSTR...F1962H-67-C-0363
 PROJECT/TASK.....4601/02

AFCHL 68-0320
 THE UCORIX CORPORATION
 CALCULATED SPECIFIC YIELD FUNCTIONS FOR NEUTRON MONITORS
 FINAL REPORT JUNE 1968
 HY VALENTI R M
 COLVIN T M
 MOSE K A
 TIFFANY O L
 DAA ACCESS NO.....286621-001
 DOC NUMBER.....AD674617
 INSTR...F1962H-67-C-0367
 PROJECT/TASK.....4601/07

AFCHL 68-0321
 FAIRCHILD SEMICONDUCTOR CORP
 MAGNETIC STUDY ON MOS STRUCTURES
 SCIENTIFIC REPORT NO 5 JULY 1968
 HY SNOW E M
 ALIUS H P
 CAGNINA S F
 MOLOZZI A R
 FITZGERALD D J
 DAA ACCESS NO.....286621-002
 DOC NUMBER.....AD674618
 INSTR...AF-19/62H/05747
 PROJECT/TASK.....4601/06

AFCHL 68-0322
 UNIVERSITY OF WASHINGTON
 RADIATION SYNTHESIS STUDIES FINAL REPORT APR 1968
 HY ISHIMARU A
 DAA ACCESS NO.....271662-004
 DOC NUMBER.....AD673360
 INSTR...AF-19/62H/05679
 PROJECT/TASK.....4601/10

AFCHL 68-0323
 OBERVATORIO ASTRONOMICU DI ROMA
 SOLAR MAGNETIC FIELDS FINAL REPORT FEB 1968
 HY CIMINO M
 DAA ACCESS NO.....262492-001
 DOC NUMBER.....AD671487
 INSTR...AF-61/052/00912
 PROJECT/TASK.....7649/06

AFCHL 68-0327
 OSSERVATORIO FISICO SPERIMENTALE
 SEISMIC ANOMALIES IN THE ALPINE ARC FINAL REPORT FEB 1968
 HY NOVELLI C
 HELLMO S
 DE VESINTINI G
 DAA ACCESS NO.....253270-002
 DOC NUMBER.....AD671988
 INSTR...AF-61/052/00786
 PROJECT/TASK.....4603/06

AFCHL 68-0328
 TEMPLE UNIVERSITY
 CURRENT DISTRIBUTION FOR WIRE EXPLODED IN VACUUM
 SCIENTIFIC REPORT NO 1 MAY 1968
 HY CHERN D C
 KONNEFF T
 DAA ACCESS NO.....271577-001
 DOC NUMBER.....AD680120
 INSTR...F1962H-67-C-0250
 PROJECT/TASK.....4601/04

AFCHL 68-0331
 NEW MEXICO STATE UNIVERSITY
 S-BAND TELEMETRY ANTENNA STUDIES SOUNDING ROCKET
 RESEARCH AND DEVELOPMENT PROBLEMS
 PHYSICAL SCIENCE LABORATORY SCIENTIFIC REPORT NO 2 MAR
 1968
 HY BULLER R T
 DAA ACCESS NO.....286671-002
 DOC NUMBER.....AD673377
 INSTR...AF-19/62H/05473
 PROJECT/TASK.....7649/01

AFCHL 68-0332
 PHILCO-FORD CORPORATION
 VOCCODEM IMPROVEMENT STUDY FINAL REPORT MAY 1968
 HY DAVIS S J
 KLAYMAN C S
 SOSNOWSKI J A
 DAA ACCESS NO.....271651-001
 DOC NUMBER.....AD683096
 INSTR...F1962H-67-C-0195
 PROJECT/TASK.....4610/02

AFCHL 68-0333
 UNIVERSITY OF WASHINGTON
 PROPAGATION OF SPHERICAL WAVE IN NON-STATIONARY MEDIUM
 TECHNICAL REPORT NO 125 SCIENTIFIC REPORT NO 6 JUNE 1968
 HY CARLSON F P
 ISHIMARU A
 DAA ACCESS NO.....271662-005
 DOC NUMBER.....AD673369
 INSTR...AF-19/62H/05674
 PROJECT/TASK.....4601/10

AFCL 68-0330
UNIVERSITY OF DENVER
THE MEASUREMENTS OF THE SOLAR CONSTANT FROM HIGH ALTITUDE
BALLOONS
SCIENTIFIC REPORT NO 1 AUG 1968
BY MURRAY D G
KYLE T G
KOSTINS J J
GAST P H
DAR ACCESS NO.....277581-001
DOC NUMBER.....AD676787
INSTR...AF-19/628/04177
PROJECT/TASK.....0008/54

AFCL 68-0336
NORTHWESTERN UNIVERSITY
VOLTAGE BREAKDOWN CHARACTERISTICS OF MISSILE ANTENNAS
FINAL REPORT MAY 1968
BY SUKYS P
DAR ACCESS NO.....252071-001
DOC NUMBER.....A183442
INSTR...AF-19/628/05415
PROJECT/TASK.....8642/01

AFCL 68-0337
STANFORD RESEARCH INSTITUTE
THE TURBULENCE CLIMATOLOGY OF THE UNITED STATES BETWEEN
20,000 AND 45,000 FEET ESTIMATED FROM AIRCRAFT REPORTS AND
METEOROLOGICAL DATA FINAL REPORT JUNE 1968
BY ENDLICH N W
MANCUSI P L
DAR ACCESS NO.....252389-002
DOC NUMBER.....AD672488
INSTR...AF-19/628/05173
PROJECT/TASK.....8624/02

AFCL 68-0338
YESHIVA UNIVERSITY
ON THE PRINCIPLE OF QUANTUM INTERFERENCE FINAL REPORT JUNE
1968
BY AHAMONOV Y
PETHSEN A
DAR ACCESS NO.....257321-001
DOC NUMBER.....AD672986
INSTR...AF-19/628/05406
PROJECT/TASK.....8602/02

AFCL 68-0339
NEW MEXICO STATE UNIVERSITY
S-BAND TELMETRY ANTENNA STUDIES NOSE-TIP ARRAY AND OTHER
SYSTEMS
PHYSICAL SCIENCE LABORATORY SCIENTIFIC REPORT NO 3 MAY
1968
BY GULLER D T
DAR ACCESS NO.....250471-003
DOC NUMBER.....AD676109
INSTR...AF-19/628/05023
PROJECT/TASK.....7659/01

AFCL 68-0340
CARNEGIE-MELLON UNIVERSITY
SEMICONDUCTOR HETEROJUNCTION STRUCTURE STUDIES
SCIENTIFIC REPORT NO 1 JUNE 1968
BY FEUCHT D L
MILNES A G
DAR ACCESS NO.....254231-001
DOC NUMBER.....AD676304
INSTR...AF-19/628-08-C-0174
PROJECT/TASK.....5621/37

AFCL 68-0341
ANALYSIS & COMPUTER SYSTEMS INC
DESIGN OF A DIGITAL SIMULATION OF THE PILAN PLANEETER FOR
CALCULATING AREAS OF ECHOES FROM RADAR WEATHER OBSERVATIONS
SCIENTIFIC REPORT NO 2 JUNE 1968
BY KELLEY R G
DAR ACCESS NO.....753711-001
DOC NUMBER.....AD678553
INSTR...F19628-07-C-0125
PROJECT/TASK.....0900/00

AFCL 68-0343
STANFORD UNIVERSITY
WAVE PROPAGATION IN A RANDOM MEDIUM
SCIENTIFIC REPORT NO 1 SU-SF1-63-066 JUNE 1968
BY LEE R W
HARD J L
DAR ACCESS NO.....251781-001
DOC NUMBER.....AD681176
INSTR...F19628-07-C-0055
PROJECT/TASK.....8622/02

AFCL 68-0344
SYSTEM DEVELOPMENT CORP
WRITING PUSHDOWN ACCEPTANCE
IN-735/047200 SCIENTIFIC REPORT NO 20 MAY 1968
BY MAGER G
DAR ACCESS NO.....254400-014
DOC NUMBER.....AD680783
INSTR...F19628-07-C-0008
PROJECT/TASK.....5632/05

AFCL 68-0345
UNIVERSITY OF INDIANAPOLIS
SOME PROPERTIES OF OPTICAL ANTENNAS AT LOW FREQUENCIES
VLF PROJECT SCIENTIFIC REPORT NO 6 APR 1968
BY LUKAVEC H
ELSTEN T
DAR ACCESS NO.....252301-006
DOC NUMBER.....AD671471
INSTR...AF-19/628/05402
PROJECT/TASK.....8602/13

AFCL 68-0346
MCGRAW HILL UNIVERSITY
RADAR REFLECTING PROPERTIES OF CONDUCTING SURFACES FINAL
REPORT JUNE 1968
BY HOLLE D M
DAR ACCESS NO.....258470-008
DOC NUMBER.....AD680828
INSTR...AF-19/628/05468
PROJECT/TASK.....5635/02

AFCL 68-0347
HARVARD UNIVERSITY
A THEORETICAL STUDY OF A CYLINDRICAL ANTENNA WITH A
HEMISPHERICAL CAP
SCIENTIFIC REPORT NO 2 JUNE 1968
BY TING C Y
DAR ACCESS NO.....271682-002
DOC NUMBER.....AD676070
INSTR...F19628-08-C-0030
PROJECT/TASK.....5635/02

AFCL 68-0348
POLYTECHNIC INSTITUTE OF BROOKLYN
TRANSIENT EXCITATION OF HUNDRED GIGAHERTZ-PLASMA
PIQUE-08-001 SCIENTIFIC REPORT NO 1 JUNE 1968
BY WHITMAN G
DAR ACCESS NO.....265752-001
DOC NUMBER.....AD676652
INSTR...F19628-08-C-0072
PROJECT/TASK.....5635/04

AFCL 68-0349
UNIVERSITY OF MICHIGAN
NETWORK FUNCTION DETERMINATION FROM PARTIAL SPECIFICATIONS
1363-1-E SCIENTIFIC REPORT NO 1 JUNE 1968
BY HJAIN A D
MCMAHON F L
DAR ACCESS NO.....272322-001
DOC NUMBER.....AD672987
INSTR...F19628-08-C-0071
PROJECT/TASK.....5635/05

AFCL 68-0350
UNIVERSITY OF KANSAS
RADIATION DAMAGE AND CHEMICAL REACTIONS INDUCED IN
CRYSTALLINE SOLIDS BY HIGH-ENERGY PROTON COMBINATION
FINAL REPORT SEPT 1968
BY ZELLER E J
DUESCHMIDT G
DAR ACCESS NO.....259630-001
DOC NUMBER.....AD676655
INSTR...F19628-07-C-0182
PROJECT/TASK.....8602/02

AFCL 68-0351
WONCESTER POLYTECHNIC INSTITUTE
STUDY OF ON-LINE DATA ANALYSIS WITH A HYBRID COMPUTER FINAL
REPORT JUNE 1968
BY KENNEDY D W JR
FLESON D C
MOHUTZEL H L
DAR ACCESS NO.....756780-001
DOC NUMBER.....AD673002
INSTR...F19628-08-C-0040
PROJECT/TASK.....0000/80

AFCL 68-0352
BRANDEIS UNIVERSITY
MOBILITY OF A CHARGED IMPURITY IN A FERMI LIQUID
THE PHYSICAL REVIEW VOL 168 NO 1 PP162-166 5 APRIL 1968
BY SCHAPPERT G T
DAR ACCESS NO.....252871-010
DOC NUMBER.....AD673288
INSTR...AF-19/628/05833
PROJECT/TASK.....4645/02

AFCL 68-0353
NAVAL POSTGRADUATE SCHOOL
NUMERICAL METHODS OF COMPUTING THREE-DIMENSIONAL
TRAJECTORIES FOR ADIABATIC AND DIABATIC FLOWS
NPS-SIMZROEA SCIENTIFIC REPORT NO 3 AUG 1968
BY MAHLMAN J D
DAR ACCESS NO.....767640-001
DOC NUMBER.....AD674002
INSTR...M19628-07-C-0067
PROJECT/TASK.....8608/02

AFCL 68-0354
TECHNICAL OPERATIONS INC
PHOTO-OPTICAL MEASUREMENTS ON HIGH-ALTITUDE BARIUM
RELEASES FINAL REPORT JUNE 1968
BY KOFISKY I L
TROWBRIDGE C A
DAR ACCESS NO.....253701-001
DOC NUMBER.....AD674609
INSTR...AF-19/628/05977
PROJECT/TASK.....5633/09

AFCL 68-0355
VARIAN ASSOCIATES
AIRCRAFT RECONNAISSANCE MAGNETOMETER SYSTEM (U) FINAL
REPORT JUNE 1968
BY MCHMIDT R A
DAR ACCESS NO.....764292-002
DOC NUMBER.....AD392752
INSTR...F19628-07-C-0184
PROJECT/TASK.....7601/03

AFCHL 68-0360
ALLIED RESEARCH ASSOCIATES INC
RELATION OF REMOVALS TO ATMOSPHERIC FEATURES FINAL REPORT
JULY 1968
BY CHANG D T
BERLEN H
OAR ACCESS NO.....259840-001
DOC NUMBER.....AD674624
INSTW...AF-19/628-67-C-0287
PROJECT/TASK.....7670/08

AFCHL 68-0361
CONTROL DATA CORPORATION
A THEORETICAL STUDY OF LASER OSCILLATION FINAL REPORT
JAN 1968
BY MELSTRA M C
BARONE S H
OAR ACCESS NO.....257330-008
DOC NUMBER.....AD675034
INSTW...AF-19/628/03111
PROJECT/TASK.....4849/02

AFCHL 68-0362
UNIVERSITY OF ILLINOIS
SOME ANALYTICAL METHODS FOR SOLVING A CLASS OF BOUNDARY
VALUE PROBLEMS
TECHNICAL REPORT NO 16 ANTENNA LABORATORY NO 68-3 JUNE 1968
BY VANLANAN G F JR
NITRA R
OAR ACCESS NO.....273130-014
DOC NUMBER.....AD676300
INSTW...AF-19/628/03119
PROJECT/TASK.....5635/02

AFCHL 68-0363
SOREN NUCLEAR RESEARCH CENTRE
OPTICAL AND ELECTRICAL PROPERTIES OF INSULATORS FINAL
REPORT DEC 1967
BY ENGLMAN H
YAGER Z
OAR ACCESS NO.....250762-001
DOC NUMBER.....AD672832
INSTW...AF-61/052/07963
PROJECT/TASK.....5621/04

AFCHL 68-0365
KIRUNA GEOPHYSICAL OBSERVATORY
JSSG-SPACED RECEIVER MEASUREMENTS FINAL REPORT APR 1968
BY LISZKA L
OAR ACCESS NO.....349980-001
DOC NUMBER.....AD672811
INSTW...AF-61/052-67-C-0072
PROJECT/TASK.....5629/01

AFCHL 68-0366
HUGHES AIRCRAFT COMPANY
COMPARISON OF MULTIDIMENSIONAL DECISION-THEORETIC ANTENNA
PROCESSING SYSTEM AND CONVENTIONAL SYSTEMS
R68-121 SCIENTIFIC REPORT NO 2 HAC REP NO 08477 MAY 1968
BY YOUNG G O
HOWARD J F
OAR ACCESS NO.....252281-001
DOC NUMBER.....AD673915
INSTW...AF-19/628-68-C-0082
PROJECT/TASK.....5635/06

AFCHL 68-0367
SOUTHWEST CENTER FOR ADVANCED STUDIES
MULTIPLE SCATTERING OF LASER LIGHT IN THE ATMOSPHERE FINAL
REPORT JULY 1968
BY PLASS G N
KATTABAH G W
ADAMS C N
OAR ACCESS NO.....251051-001
DOC NUMBER.....AD675135
INSTW...AF-19/628-68-C-0181
PROJECT/TASK.....4184/26

AFCHL 68-0368
NORTHROP CORPORATION LABORATORIES
THE PROPERTIES OF DEFECTS INTRODUCED IN SILICON BY
10-MEV ELECTRON IRRADIATION FINAL REPORT JUNE 1968
BY CURTIS D L JR
HASS L F
GERMANO C A
OAR ACCESS NO.....273217-002
DOC NUMBER.....AD676301
INSTW...AF-19/628/01047
PROJECT/TASK.....5620/02

AFCHL 68-0369
AIR FORCE CAMBRIDGE RESEARCH LABS
TUNING-FREQUENCY SOUNDINGS IN AIRCRAFT
INSTRUMENTATION PAPERS NO 144 JULY 1968
BY GUMBLE D W
WHIDDEN D W
OAR ACCESS NO.....254290-006
DOC NUMBER.....AD677047
INSTW...AF-61-5631-14-01
PROJECT/TASK.....5631/14

AFCHL 68-0370
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
SPECTROSCOPIC CONSIDERATIONS OF CHROMIUM DOPED LITHIUM
GERMANATE AS A POSSIBLE LASER MATERIAL
PSRP NO 360 JULY 1968
BY POWELL M C
OAR ACCESS NO.....256870-002
DOC NUMBER.....AD676031
INSTW...AF-61-5627-00-01
PROJECT/TASK.....5620/08

AFCHL 68-0371
INTERNATIONAL BUSINESS MACHINES CORP
SPECIFICATION AND UTILIZATION OF A TRANSFORMATIONAL GRAMMAR
FINAL REPORT JULY 1968
BY PLATH W J
OAR ACCESS NO.....265402-004
DOC NUMBER.....AD677633
INSTW...AF-19/628/05127
PROJECT/TASK.....4641/02

AFCHL 68-0372
THE SYSTEMS GROUP
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
06615-6003-R000 SCIENTIFIC REPORT NO 4 JUNE 1968
BY SCOTT L
OAR ACCESS NO.....259780-004
DOC NUMBER.....AD677632
INSTW...AF-19/628-67-C-0282
PROJECT/TASK.....4608/05

AFCHL 68-0373
WILKES COLLEGE
JOURNAL WIND VARIATIONS IN THE STRATOSPHERE FINAL REPORT
MAR 1968
BY HUICH A
YENCHA M A
PARK J M
CUPANI J J
PECORA L M
OAR ACCESS NO.....252340-001
DOC NUMBER.....AD677007
INSTW...AF-19/628/04795
PROJECT/TASK.....8624/01

AFCHL 68-0374
UPPSALA UNIVERSITY
SEISMIC BODY WAVES AND SURFACE WAVES
REPORT NO 59 APPENDIX II ANNUAL SUMMARY REPORT NO 2 JAN 1968
BY HATH M
OAR ACCESS NO.....253260-005
DOC NUMBER.....AD672809
INSTW...AF-61/052/00702
PROJECT/TASK.....8652/04

AFCHL 68-0375
ENVIRONMENTAL SCIENCE SERVICES ADMIN
ON THE DIFFRACTION BY A KNIFE-EDGE OBSTACLE ON A CONDUCTING
PLATE
RADIO SCIENCE VOL 3 NEW SERIES NO 12 PP1179-1181 DEC 1968
BY WAIT J H
SPIES K P
OAR ACCESS NO.....756150-003
DOC NUMBER.....AD681411
INSTW...AF-61-00823-67
PROJECT/TASK.....5635/06

AFCHL 68-0376
CORNELL UNIVERSITY
MASS SPECTROMETRIC STUDY OF THE EVAPORATION OF BAMOO SUB A
AND BAMOO SUB A FINAL REPORT OCT 1968
BY MURP C
YANDAGNE R
DOFFER R F
OAR ACCESS NO.....258250-001
DOC NUMBER.....AD677008
INSTW...AF-19/628/05831
PROJECT/TASK.....5620/05

AFCHL 68-0377
AIR FORCE CAMBRIDGE RESEARCH LABS
PSRP NO 359 JULY 1968
BY JIMENEZ C M
LOVE L F
DURKE E A
OAR ACCESS NO.....254120-009
DOC NUMBER.....AD676798
INSTW...AF-61-5620-02-01
PROJECT/TASK.....5620/02

AFCHL 68-0378
AIR FORCE CAMBRIDGE RESEARCH LABS
THE AURORA OVAL AND THE SCINTILLATION BOUNDARY
REP NO 289 JULY 1968
BY AARONS J
MULLEN J P
WHITNEY H E
OAR ACCESS NO.....254100-014
DOC NUMBER.....AD676798
INSTW...AF-61-5620-02-01
PROJECT/TASK.....4643/02

AFCHL 68-0379
TECHNICAL OPERATIONS INC
MEASUREMENTS OF TUNNELING AND DIFFUSION IN HIGH-ALTITUDE
CHEMICAL CLOUDS FINAL REPORT JULY 1968
BY THOMPSON C A
KOFKY I L
JOHNSON R M
OAR ACCESS NO.....754360-001
DOC NUMBER.....AD673521
INSTW...AF-19/628/06128
PROJECT/TASK.....8605/10

AFCHL 68-0383
THE UNIVERSITY OF MICHIGAN
PILOT MEASUREMENTS ON AN X-15 ROCKET PLANE FINAL REPORT
AUG 1968
BY MORVATH J J
MORVATH G F
OAR ACCESS NO.....250130-001
DOC NUMBER.....AD675579
INSTW...AF-19/628/03313
PROJECT/TASK.....6020/02

AFCHL 68-0388
GENERAL DYNAMICS CORP
DYNAMIC SPHERIC CONDUCTION JUNCTIONS FINAL REPORT JUNE 1968
BY KHIRKIRIAN E
OAR ACCESS NO.....297780-001
DOC NUMBER.....AD67801
INSTN...AF-19/628/04361
PROJECT/TASK.....8659/01

AFCHL 68-0389
COLUMBIA UNIVERSITY
SEISMICITY AND TECTONICS OF THE NORTHEAST PACIFIC OCEAN
JOURNAL OF GEOPHYSICAL RESEARCH VOL 73 NO 12 JUNE 15 1968
PP3821-3845
BY TONIN D G
SYKES L R
OAR ACCESS NO.....277521-023
DOC NUMBER.....AD67601A
INSTN...AF-19/628/04082
PROJECT/TASK.....8652/00

AFCHL 68-0388
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
COMPARISON OF TWO METHODS FOR THE COMBINATION OF SATELLITE
AND GRAVIMETRIC DATA
REPORT NO 113 SCIENTIFIC REPORT NO 22 JULY 1968
BY RAPP R H
OAR ACCESS NO.....272522-022
DOC NUMBER.....AD67607B
INSTN...AF-19/628/05701
PROJECT/TASK.....7606/02

AFCHL 68-0389
STATE UNIVERSITY OF NEW YORK
APPLICATION OF GENERALIZED FUNCTION THEORY TO NETWORK
REALIZABILITY THEORY AND TIME DOMAIN SYNTHESIS OF
POSITIVE-REAL FUNCTIONS FINAL REPORT AUG 1968
BY RICHARD R H
OAR ACCESS NO.....250900-00A
DOC NUMBER.....AD67608
INSTN...AF-19/628/02981
PROJECT/TASK.....8652/06

AFCHL 68-0391
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
A COMPILATION OF SOLAR WIND SPEED-FREQUENCY OBSERVATIONS
1955-1964
SPECIAL REPORTS NO 79 AUG 1968
BY FISCHER M J
OAR ACCESS NO.....257670-004
DOC NUMBER.....AD675949
INSTN...AFCHL-6803-01-01
PROJECT/TASK.....8666/01

AFCHL 68-0392
SYSTEMS RESEARCH LABORATORIES INC
APPROXIMATE EIGENSYSTEMS OF LARGE COVARIANCE MATRICES
680606-1 SCIENTIFIC REPORT NO 1 MAY 1968
BY RIDER M B
OAR ACCESS NO.....258061-001
DOC NUMBER.....AD678172
INSTN...F19628-67-C-0150
PROJECT/TASK.....8632/01

AFCHL 68-0393
SYSTEMS RESEARCH LABORATORIES INC
CHOICE OF AXES FOR PROJECTION OF DATA ON A CRT USING
MULTIVARIATE ANALYSIS OF VARIANCE
680606-2 SCIENTIFIC REPORT NO 2 MAY 1968
BY COLOMBI R W
OAR ACCESS NO.....258061-002
DOC NUMBER.....AD678105
INSTN...F19628-67-C-0150
PROJECT/TASK.....8632/01

AFCHL 68-0394
UNIVERSITY OF CALIFORNIA
DETERMINATION OF PATH RADIANCE FOR DOWNWARD PATH OF SIGHT
FROM GROUND-BASED ON LOW-ALTITUDE MEASUREMENT
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA VOL 58 NO 4
PP586-587 APRIL 1967
BY BOILCAU A H
OAR ACCESS NO.....259770-001
DOC NUMBER.....AD677115
INSTN...F19628-67-C-0181
PROJECT/TASK.....7621/07

AFCHL 68-0395
COLUMBIA UNIVERSITY
FOCAL DEPTHS OF AFTERSHOCKS
JOURNAL OF GEOPHYSICAL RESEARCH VOL 73 NO 12 JUNE 15 1968
PP3897-3903
BY PAGE H
OAR ACCESS NO.....272521-024
DOC NUMBER.....AD676010
INSTN...AF-19/628/04042
PROJECT/TASK.....8652/00

AFCHL 68-0396
COLUMBIA UNIVERSITY
AFTERSHOCKS AND MICROAFTERSHOCKS OF THE GREAT ALASKA
EARTHQUAKE OF 1964
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA VOL 58 NO
1 PP111-116 JUNE 1968
BY PAGE H
OAR ACCESS NO.....272521-025
DOC NUMBER.....AD67601
INSTN...AF-19/628/04042
PROJECT/TASK.....8652/00

AFCHL 68-0397
HARVARD UNIVERSITY
THEORY OF THE SOLAR CORONA
ASTROPHYSICAL LETTERS VOL 1 PP195-196 1968
BY MENZEL D H
OAR ACCESS NO.....263573-003
DOC NUMBER.....AD678293
INSTN...AF-19/628/05746
PROJECT/TASK.....7609/08

AFCHL 68-0398
AIR FORCE CAMBRIDGE RESEARCH LABS
PORTABLE SEISMIC ARRAY SYSTEM
IP NO 145 AUG 1968
BY CROWLEY P A
OSSING H A
OAR ACCESS NO.....259303-001
DOC NUMBER.....AD678048
INSTN...AFCHL-6803-04-01
PROJECT/TASK.....7632/04

AFCHL 68-0399
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
LOW-ENERGY AURORAL ELECTRONS MEASURED BY SATELLITE OV3-1
FPP NO 290 AUG 1968
BY KUCK G A
OAR ACCESS NO.....255300-006
DOC NUMBER.....AD678000
INSTN...AFCHL-6803-06-01
PROJECT/TASK.....8607/06

AFCHL 68-0400
AIR FORCE CAMBRIDGE RESEARCH LABS
MEAN-FIELD KINETIC EQUATIONS FOR A LASER
PSNP NO 361 AUG 1968
BY PICARD R H
OAR ACCESS NO.....254380-001
DOC NUMBER.....AD678035
INSTN...AFCHL-6803-06-01
PROJECT/TASK.....5634/06

AFCHL 68-0401
AIR FORCE CAMBRIDGE RESEARCH LABS
A SYSTEM TO PERFORM REAL-TIME FOURIER SPECTROSCOPY
IP NO 146 AUG 1968
BY HOFFMAN J E JR
OAR ACCESS NO.....255440-002
DOC NUMBER.....AD678099
INSTN...AFCHL-6803-01-01
PROJECT/TASK.....8603/01

AFCHL 68-0403
LABORATORY FOR ELECTRONICS INC
PUSH DOWN LIST MEMORY /MUDL/ FINAL REPORT JULY 1968
BY MARINO M I
VERUNELLI J
OAR ACCESS NO.....272751-004
DOC NUMBER.....AD676659
INSTN...AF-19/628/04197
PROJECT/TASK.....5632/07

AFCHL 68-0405
STEVENS INSTITUTE OF TECHNOLOGY
THE INTERACTION OF PLASMOIDS WITH MAGNETIC FIELDS FINAL
REPORT AUG 1968
BY ZIMSKIF J W
HOSTICK W H
OAR ACCESS NO.....252691-001
DOC NUMBER.....AD678093
INSTN...F19628-67-C-0265
PROJECT/TASK.....8608/01

AFCHL 68-0406
STEVENS INSTITUTE OF TECHNOLOGY
A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A
MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT FINAL
REPORT AUG 1968
BY DASHMURH A H
HOSTICK W H
OAR ACCESS NO.....252691-002
DOC NUMBER.....AD678094
INSTN...F19628-67-C-0265
PROJECT/TASK.....8608/01

AFCHL 68-0407
MCGILL UNIVERSITY
WEATHER RADAR STUDIES FINAL REPORT JULY 1968
BY MARSHALL J S
OAR ACCESS NO.....271422-007
DOC NUMBER.....AD678603
INSTN...F19628-67-C-0129
PROJECT/TASK.....8620/04

AFCHL 68-0408
AIR FORCE CAMBRIDGE RESEARCH LABS
AN INTERNALLY CALIBRATED ELECTRON SPECTROMETER FOR
ACCELERATOR ENERGY MEASUREMENTS
IP NO 147 AUG 1968
BY FLETCHER M J
LIME L F
ROMBALDI W F
WALL J A
OAR ACCESS NO.....254120-009
DOC NUMBER.....AD679100
INSTN...AFCHL-6803-02-01
PROJECT/TASK.....5620/02

AFCHL 68-0409
WEST DEVELOPMENT COMPANY
DETERMINATION OF GUNSHOTS TYPE FINAL REPORT JULY 1968
BY MUELLER J I
OAR ACCESS NO.....256210-001
DOC NUMBER.....AD676740
INSTN...F19628-67-C-0092
PROJECT/TASK.....8625/07

AFCHL 68-0413
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RADIATION BALANCE IN ROCKETS ON THE HEMISPHERIC FINAL
REPORT FEB 1968
BY KELLY D P
DAR ACCESS NO.....250160-001
DOC NUMBER.....AD677343
INSTR...AF-19/628/0416A
PROJECT/TASK.....0607/01

AFCHL 68-0411
AMERICAN SCIENCE AND ENGINEERING INC
POINTED LUNAR IN EXPERIMENT FINAL REPORT AUG 1968
BY SNUICKSON L
SHEPHERD D
TAROFF L J
YOUNGSTROM K
DAR ACCESS NO.....766272-001
DOC NUMBER.....AD675144
INSTR...AF-19/628/04052
PROJECT/TASK.....0602/05

AFCHL 68-0412
ATMOSPHERIC RESEARCH CORP
THE RATE OF GROWTH OF TALL THUNDERSTORMS
SCIENTIFIC REPORT NO 1 SEPT 1968
BY HANKS M H JR
LUNG M J
DAR ACCESS NO.....269632-001
DOC NUMBER.....AD677716
INSTR...AF-19/628/04013
PROJECT/TASK.....0624/01

AFCHL 68-0413
UNIVERSITY OF WESTERN ONTARIO
REFRACTOMETER ABSORPTION IN TRANSIENTS AND AT SUN-FREELZING
TEMPERATURES FINAL REPORT JUNE 1968
BY HAY D R
DAR ACCESS NO.....266751-004
DOC NUMBER.....AD679194
INSTR...AF-19/628/03335
PROJECT/TASK.....0607/01

AFCHL 68-0414
GENERAL ELECTRIC COMPANY
PERMAMAGNETIC JOURNAL STUDIES IN HIGHLY PERFECT METAL
PLATELETS FINAL REPORT SEPT 1968
BY DEHLIS M R
DAR ACCESS NO.....258311-001
DOC NUMBER.....AD676792
INSTR...AF-19/628/04012
PROJECT/TASK.....0603/01

AFCHL 68-0415
CANADIAN COMMERCIAL CORP
LABORATORY STUDIES OF PROPAGATION OF MAGNETIC DISTURBANCES
IN THE MAGNETOSPHERIC FINAL REPORT JULY 1968
BY GORF J V
TAN S Y K
MCKAY D H
JOHNSTON E W
DAR ACCESS NO.....258360-001
DOC NUMBER.....AD679216
INSTR...AF-19/628/06126
PROJECT/TASK.....7601/01

AFCHL 68-0416
CAMBRIDGE SYSTEMS INC
IMPROVEMENTS AND REFINEMENTS ON A PULSE TYPE SONIC
ANEMOMETER FINAL REPORT AUG 1968
BY GUSFENG A
DAMPAS A
HEAUSLEN D J
DAR ACCESS NO.....252401-001
DOC NUMBER.....AD676105
INSTR...AF-19/628/01049
PROJECT/TASK.....0602/10

AFCHL 68-0418
SHACK DATA CORPORATION
DESIGN DEVELOPMENT AND FLIGHT TEST OF THE VIKER DART HOUSIN
METEOROLOGICAL ROCKET SYSTEM FINAL REPORT JUNE 1968
BY BOLLERMAN H
WALKER R L
DAR ACCESS NO.....767650-001
DOC NUMBER.....AD675008
INSTR...AF-19/628/05911
PROJECT/TASK.....0602/01

AFCHL 68-0419
UNIVERSITY OF ILLINOIS
AN INVESTIGATION OF F2 REGION IONOSPHERIC BEHAVIOR BY
COMPUTER METHODS
TECHNICAL REPORT NO 35 SCIENTIFIC REPORT NO 1 AUG 1968
BY FOLTZ J H
VON K C
DAR ACCESS NO.....259260-001
DOC NUMBER.....AD676993
INSTR...AF-19/628/04026
PROJECT/TASK.....0603/02

AFCHL 68-0420
WEIZMANN INSTITUTE OF SCIENCE
THEORY OF OPTICAL ABSORPTION BY DIATOMIC MOLECULES
EMBEDDED IN RARE GAS CRYSTALS
SCIENTIFIC REPORT 9 MAY 1968
BY MANNHEIM P H
FRIEDMAN H
DAR ACCESS NO.....273351-003
DOC NUMBER.....AD675436
INSTR...AF-19/628/04037
PROJECT/TASK.....0603/03

AFCHL 68-0421
WEIZMANN INSTITUTE OF SCIENCE
PRESSURE BROADENING AND SHIFT OF METHANE PERTURBED BY
NITROGEN GASES
SCIENTIFIC REPORT MAY 1968
BY WILDRING M
SECKE A
ZAMIN T
HEN-HEUVEN A
DAR ACCESS NO.....273351-004
DOC NUMBER.....AD675637
INSTR...AF-19/628/00836
PROJECT/TASK.....0603/03

AFCHL 68-0422
WEIZMANN INSTITUTE OF SCIENCE
LINE MIXING BY COLLISIONS IN THE FAR INFRARED SPECTRUM OF
AMMONIA
SCIENTIFIC REPORT JUNE 1968
BY LIGHTMAN A
HEN-HEUVEN A
DAR ACCESS NO.....273351-005
DOC NUMBER.....AD675638
INSTR...AF-19/628/00838
PROJECT/TASK.....0603/03

AFCHL 68-0423
UPPSALA UNIVERSITY
COSMIC RAY INTENSITY VARIATIONS DURING 1967
SCIENTIFIC REPORT NO 6 JUNE 1968
BY SANDSTRUM A E
DYRING E
LINDGREN S
LARECHS O
SPONAR O
DAR ACCESS NO.....269671-005
DOC NUMBER.....AD676681
INSTR...AF-61/052/00868
PROJECT/TASK.....0600/06

AFCHL 68-0424
UNIVERSITY COLLEGE OF NAIROBI
IONOSPHERIC RESEARCH USING SATELLITES
SUMMARY REPORT NO 2 NOV 1967
BY HUNTER A N
KULPHER R F
WELSHEN A H
DAR ACCESS NO.....258030-002
DOC NUMBER.....AD675604
INSTR...AF-61/052/00909
PROJECT/TASK.....0603/02

AFCHL 68-0425
TECHNISCHE HOCHSCHULE DARMSTADT
NUMERICAL EXPERIMENTS ON THE FORMATION OF A TORNADO
FUNNEL IN THE BOUNDARY LAYER
TECHNICAL NOTE NO 1 FEB 1968
BY WIDERMANN F
SZILLINSKY A
DAR ACCESS NO.....258160-001
DOC NUMBER.....AD676036
INSTR...AF-61/052/00932
PROJECT/TASK.....7655/02

AFCHL 68-0426
MCGILL UNIVERSITY
SPECTRAL ATMOSPHERIC ENERGETICS DURING JANUARY 1959 FINAL
REPORT JULY 1968
BY GASTON P
DAR ACCESS NO.....272831-006
DOC NUMBER.....AD676211
INSTR...AF-19/628/04955
PROJECT/TASK.....0602/07

AFCHL 68-0428
GCA CORPORATION
RECOMBINATION RATES OF THERMAL IONS
SCIENTIFIC REPORT NO 1 GCA-TN-48-2-A OCT 1968
BY DALGARNO A
VICTOR G A
WILU T G
DAR ACCESS NO.....252770-001
DOC NUMBER.....AD678204
INSTR...AF-19/628/05862
PROJECT/TASK.....5710/00

AFCHL 68-0429
HUSTON COLLEGE
A GENERAL LEAST SQUARE DETERMINATION OF THE IMPROBANCE OF
AN ANTENNA FROM SITED LINE MEASUREMENTS ACCOUNT TAKEN OF
THE ATTENUATION OF THE LINE FINAL REPORT FEB 1968
BY MARCOU H J
DELUKE D E
POWER L F JR
DAR ACCESS NO.....271473-001
DOC NUMBER.....AD678091
INSTR...AF-19/628-67-C-0176
PROJECT/TASK.....7663/01

AFCHL 68-0432
MUTO GLA INC
RADIATION HARDENED SILICON POWER TRANSISTORS
SCIENTIFIC REPORT NO 1 JULY 1968
BY CATENO R
GEORGE W
DAR ACCESS NO.....260660-001
DOC NUMBER.....AD677003
INSTR...AF-19/628-68-C-0113
PROJECT/TASK.....0608/05

AFCHL 68-0433
UNIVERSITY OF WASHINGTON
FLUCTUATIONS OF A BEAM WAVE PROPAGATING THROUGH A LOCALLY
HOMOGENEOUS MEDIUM
TECHNICAL REPORT NO 126 SCIENTIFIC REPORT NO 1 JULY 1968
BY ISHIMARU A
DAR ACCESS NO.....260660-001
DOC NUMBER.....AD677003
INSTR...AF-19/628-68-C-0126
PROJECT/TASK.....0600/10

AFCHL 68-0416
UNIVERSITY OF DENVER
THEORETICAL STUDY OF SULAR SPECTRUM IN THE 1.0-1.5 REGION OBSERVED FROM A
HALLOWAY-WHITNEY SPECTROMETER
SCIENTIFIC REPORT NO 8 AUG 1968
BY CULOMAN
MURRAY
MURRAY F
WILLIAMS W
OAR ACCESS NO.....277501-002
DOC NUMBER.....AD678129
INSTR...AF-19628-68-C-0211
PROJECT/TASK.....AD678129

AFCHL 68-0417
COLUMBIA UNIVERSITY
AN EXPERIMENTAL AND THEORETICAL STUDY OF WAVE MIXING IN A
BOUNDED MAGNETOPLASMA
SCIENTIFIC REPORT NO 6 PLASMA LABORATORY REPORT NO 43 AUG
1968
BY RUHN L
OAR ACCESS NO.....271712-006
DOC NUMBER.....AD678129
INSTR...AF-19628-68-C-0212
PROJECT/TASK.....AD678129

AFCHL 68-0438
AIR FORCE CAMBRIDGE RESEARCH LABS
GEMINI 7 LUNAR MEASUREMENTS
RMP NO 201 SEPT 1968
BY CONDON T P
LOVETT J J
BARNES W R
WACOTTE L
NADILE H
OAR ACCESS NO.....256190-008
DOC NUMBER.....AD678099
INSTR...AFCHL-8662-01-01
PROJECT/TASK.....AD678099

AFCHL 68-0439
SIGNATRON INC
A STUDY OF THE RELATIONSHIP BETWEEN MULTIPATH DISTORTION
AND WAVE NUMBER SPECTRUM OF DIELECTRIC NOISE IN RADIO
LINKS FINAL REPORT AUG 1968
BY HELLU P A
OAR ACCESS NO.....258600-001
DOC NUMBER.....AD678062
INSTR...AF-19628-68-C-0593
PROJECT/TASK.....AD678062

AFCHL 68-0440
UNIVERSITY OF INDIANAPOLIS
MEASUREMENT OF THE CONDUCTIVITY AND DIELECTRIC CONSTANT OF
A HOMOGENEOUS MEDIUM BY MEANS OF WAVE PROPAGATION
SCIENTIFIC REPORT NO 7 JULY 1968
BY RITTERLICH W
OAR ACCESS NO.....252301-007
DOC NUMBER.....AD677587
INSTR...AF-617052-00902
PROJECT/TASK.....AD677587

AFCHL 68-0441
BAYTELLE MEMORIAL INSTITUTE
INVESTIGATION OF THE COMPRESSIBILITY OF LIQ HY
HIGH-PRESSURE HIGH-TEMPERATURE X-RAY DIFFRACTION METHODS
FINAL REPORT SEPT 1968
BY CARLTON L C
SCLAR C D
OAR ACCESS NO.....260380-001
DOC NUMBER.....AD678280
INSTR...F19628-68-C-0123
PROJECT/TASK.....AD678280

AFCHL 68-0442
STANFORD RESEARCH INSTITUTE
MEASUREMENT OF ION-ION NEUTRALIZATION CROSS SECTIONS FINAL
REPORT JULY 1968
BY ANFETH W H
PETERSON J H
OAR ACCESS NO.....253580-001
DOC NUMBER.....AD678069
INSTR...AF-19628-68-C-05187
PROJECT/TASK.....AD678069

AFCHL 68-0443
SYSTEMS RESEARCH LABORATORIES INC
IMPLEMENTATION OF LIE GROUP TRANSFORMS OF SPATIAL DATA ON
PARALLEL LOGIC ARRAYS
6060-3 SCIENTIFIC REPORT NO 3 AUG 1968
BY CULOMAN R W
OAR ACCESS NO.....254001-003
DOC NUMBER.....AD678555
INSTR...F19628-68-C-0150
PROJECT/TASK.....AD678555

AFCHL 68-0444
CONNELL UNIVERSITY
TRANSIENT INTERFERENCE STUDIES OF PASSIVELY Q-SWITCHED Nd:YAG
LASER EMISSION
JOURNAL OF APPLIED PHYSICS VOL 39 NO 6 PP2721-2730 MAY 1968
BY FLAMMOLZ A L
WOLGA G J
OAR ACCESS NO.....257980-005
DOC NUMBER.....AD678279
INSTR...AF-19628-68-C-05077
PROJECT/TASK.....AD678279

AFCHL 68-0445
NORTHWESTERN UNIVERSITY
OPTIC TELEMETRY SYSTEM TEST FLIGHT
SCIENTIFIC REPORT NO 3 AUG 1968
BY CULOMAN L J
OAR ACCESS NO.....251800-001
DOC NUMBER.....AD678081
INSTR...AF-19628-68-C-05140
PROJECT/TASK.....AD678081

AFCHL 68-0446
BOLT DEFENSE AND RESEARCH INC
STUDY OF ACOUSTIC PROPERTIES OF SPEECH SOUNDS
FINAL REPORT NO 1069 SCIENTIFIC REPORT NO 8 AUG 1968
BY STEVENS K M
KLATT H H
OAR ACCESS NO.....251881-008
DOC NUMBER.....AD678099
INSTR...F19628-68-C-0125
PROJECT/TASK.....AD678099

AFCHL 68-0447
HEWLETT-PACKARD COMPANY
INVESTIGATION OF SEMICONDUCTOR SEMIEMITTERS
FOR OPTICAL DETECTION AND CATHODIC EMISSION
SCIENTIFIC REPORT NO 3 SEPT 1968
BY VILMS J
JEROME LOREN J
ARCHER R J
OAR ACCESS NO.....250901-003
DOC NUMBER.....AD678162
INSTR...F19628-68-C-0090
PROJECT/TASK.....AD678162

AFCHL 68-0449
SPERRY RAND RESEARCH CENTER
RESEARCH DIRECTED TOWARD EXCITATION OF MAGNETOACOUSTIC
WAVES AT MICROWAVE FREQUENCIES FINAL REPORT AUG 1968
BY SHANE J R
MATTHEWS M
VAN DE VAANT M
KESTIGIAN M
OAR ACCESS NO.....251981-001
DOC NUMBER.....AD680410
INSTR...F19628-67-C-0346
PROJECT/TASK.....AD680410

AFCHL 68-0450
LITTON SYSTEMS INC
AN EXPERIMENTAL STUDY OF THE BREAKDOWN CHARACTERISTICS OF
MICROWAVE AND VHF ANTENNAS FINAL REPORT JULY 1968
BY WANDER H C JR
INGRANTON J A
OAR ACCESS NO.....260300-003
DOC NUMBER.....AD678099
INSTR...F19628-68-C-0001
PROJECT/TASK.....AD678099

AFCHL 68-0451
NAVAL POSTGRADUATE SCHOOL
AN EXPERIMENT IN NUMERICAL PREDICTION IN EQUATORIAL
LATITUDES
NPS-51KJ001A SCIENTIFIC REPORT NO 4 OCT 1968
BY KRISHNAMURTI T N
OAR ACCESS NO.....260300-003
DOC NUMBER.....AD678099
INSTR...NPSR-0967-67
PROJECT/TASK.....AD678099

AFCHL 68-0452
AIR FORCE CAMBRIDGE RESEARCH LABS
(U) SOUND PRESSURE LEVELS AND SPECTRA FROM FIRING A
CLASS OF SOVIET ROCKETS
SPECIAL REPORTS NO 80 SEPT 1968
BY WATSON-DUNN W
OAR ACCESS NO.....254200-006
DOC NUMBER.....AD394170L
INSTR...AFCHL-5628-02-01
PROJECT/TASK.....AD394170L

AFCHL 68-0453
HUGHES AIRCRAFT COMPANY
OPTIMUM SPACE-TIME SIGNAL PROCESSING AND PARAMETER
ESTIMATION
IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS
APES-4 NO P0334-341 MAY 1968
BY YOUNG G G
OAR ACCESS NO.....252261-003
DOC NUMBER.....AD678386
INSTR...F19628-68-C-0082
PROJECT/TASK.....AD678386

AFCHL 68-0454
TRW INC
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS FINAL
REPORT JULY 1968
BY SCOTT L
OAR ACCESS NO.....259780-005
DOC NUMBER.....AD678203
INSTR...F19628-67-C-0262
PROJECT/TASK.....AD678203

AFCHL 68-0455
UNIVERSITY OF PITTSBURGH
RESEARCH DIRECTED TOWARD THE STUDY OF CHEMICAL REACTIONS
OF EXCITED ATMOSPHERIC SPECIES FINAL REPORT JUNE 1968
BY KAUFMAN F
OAR ACCESS NO.....250080-001
DOC NUMBER.....AD677000
INSTR...AF-19628-68-C-05056
PROJECT/TASK.....AD677000

AFCHL 68-0467
RAYMOND CO
CRYSTAL CHEMISTRY AND NUCLEAR RESONANCE PROPERTIES OF THE
VANADATE GARNETS FINAL REPORT OCT 1968
BY VAN HOOK M J
KOHANE I
PULLEN F
DAR ACCESS NO.....250390-001
DOC NUMBER.....AD678092
INSTR...F19628-67-C-0054
PROJECT/TASK.....P621/04

AFCHL 68-0470
SYSTEM DEVELOPMENT CORP
A MATHEMATICAL MODEL OF TRANSFORMATIONAL GRAMMARS
TM-738/046/00 SCIENTIFIC REPORT NO 21 JUNE 1968
BY GINSBURG S
PARTEE W
DAR ACCESS NO.....259400-019
DOC NUMBER.....AD680784
INSTR...F19628-67-C-0008
PROJECT/TASK.....6637/05

AFCHL 68-0472
SYSTEM DEVELOPMENT CORPORATION
ABSTRACT FAMILIES OF PROCESSORS
TM-738/046/00 SCIENTIFIC REPORT NO 19 MAY 1968
BY ROSE G F
DAR ACCESS NO.....259400-020
DOC NUMBER.....AD680782
INSTR...F19628-67-C-0008
PROJECT/TASK.....6632/05

AFCHL 68-0473
LOCKHEED AIRCRAFT CORP
CYCLOTRON ECHO STUDY FINAL REPORT AUG 1968
BY HILL M W
KAPLAN D F
HERRMANN G F
DAR ACCESS NO.....258740-002
DOC NUMBER.....AD678840
INSTR...AF-19/628/05932
PROJECT/TASK.....6635/04

AFCHL 68-0475
MOTOROLA INC
AMSS PROTOTYPE RADIOSONDE FINAL REPORT SEPT 1968
BY GRIGGS W W
DAR ACCESS NO.....250171-001
DOC NUMBER.....AD680409
INSTR...F19628-67-C-0319
PROJECT/TASK.....6670/03

AFCHL 68-0476
HARVARD UNIVERSITY
SUNSPOTS AND MAGNETOHYDRODYNAMIC FLOWS
I A U SYMPOSIUM NO 35 PP.42-147 1968
BY ANDERSON G F
MENZEL D M
DAR ACCESS NO.....263573-004
DOC NUMBER.....AD681572
INSTR...AF-19/628/05748
PROJECT/TASK.....7649/06

AFCHL 68-0477
HARVARD UNIVERSITY
OSCILLATOR STRENGTHS FOR HIGH-LEVEL TRANSITIONS IN HYDROGEN
NATURE VOL 218 NO 5143 PP.75A-757 25 MAY 1968
BY MENZEL D M
DAR ACCESS NO.....263573-005
DOC NUMBER.....AD681573
INSTR...AF-19/628/05748
PROJECT/TASK.....7649/06

AFCHL 68-0478
SYLVANIA ELECTRIC PRODUCTS INC
RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODES FINAL
REPORT SEPT 1968
BY ASSMUS E F JR
MATTSON M F JR
DAR ACCESS NO.....258640-002
DOC NUMBER.....AD678109
INSTR...AF-19/628/05498
PROJECT/TASK.....562M/01

AFCHL 68-0479
RADIATION RESEARCH ASSOCIATES INC
SCATTERING AND REFLECTANCE OF LIGHT FROM AIRBORNE LASER
SYSTEMS
WRA-TM1 SCIENTIFIC REPORT NO 4 JUNE 1969
BY COLLINS D G
WELLS M U
DAR ACCESS NO.....756170-004
DOC NUMBER.....AD681145
INSTR...F19628-67-C-0299
PROJECT/TASK.....7621/07

AFCHL 68-0480
RADIATION RESEARCH ASSOCIATES INC
COMPARISON OF ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR
MODEL CLEAR AND HAZY ATMOSPHERES
PNA-TM9 SCIENTIFIC REPORT NO 5 JUNE 1968
BY COLLINS D G
WELLS M U
DAR ACCESS NO.....756170-005
DOC NUMBER.....AD681122
INSTR...F19628-67-C-0298
PROJECT/TASK.....7621/07

AFCHL 68-0484
HARVARD UNIVERSITY
RESEARCH IN MEASUREMENT OF RATIOS OF POLARIZATION TO
AUTOMATION FOR STARS ALONG THE MILKY WAY FINAL REPORT
SEPT 1968
BY LILLER W
DAR ACCESS NO.....251480-001
DOC NUMBER.....AD677001
INSTR...AF-19/628/02798
PROJECT/TASK.....8635/81

AFCHL 68-0485
NEW YORK UNIVERSITY
FINITE DEFORMATIONS OF A CYLINDRICAL MEMBRANE LOADED BY A
UNIFORM INTERNAL PRESSURE AND AN AXIAL LOAD
NYU-AA-68-3 SCIENTIFIC REPORT NO 3 MAY 1968
BY ALEXANDER M
DAR ACCESS NO.....251041-003
DOC NUMBER.....AD680822
INSTR...F19628-67-C-0241
PROJECT/TASK.....8665/01

AFCHL 68-0488
GENERAL ELECTRIC COMPANY
THIN-FILM MEMORY DIODES
SCIENTIFIC REPORT NO 1 5-6A-1091 OCT 1968
BY RICHARDSON J R
HALL R M
NICHOTTE J F
DAR ACCESS NO.....266643-001
DOC NUMBER.....AD677714
INSTR...F19628-68-C-0158
PROJECT/TASK.....4608/05

AFCHL 68-0489
WEIZMANN INSTITUTE OF SCIENCE
THE MEANING OF COLLISION BROADENING OF SPECTRAL LINES I
THE CLASSICAL-OSCILLATOR ANALOG
SCIENTIFIC REPORT NO 9 MAY 1968
BY BEN-HEUVEN A
DAR ACCESS NO.....273351-006
DOC NUMBER.....AD677002
INSTR...AF-61/052/00838
PROJECT/TASK.....8603/03

AFCHL 68-0490
WEIZMANN INSTITUTE OF SCIENCE
PRESSURE SHIFTS OF INFRARED LINES LOW LOW-TEMPERATURE
SPECTRA OF MOLECULES AND TECHNIQUES OF INTERFERENCE
SPECTROSCOPY FINAL REPORT MAY 1968
BY JAFFEE J H
KIMEL S
HEU-HEUVEN A
DAR ACCESS NO.....273351-007
DOC NUMBER.....AD677005
INSTR...AF-61/052/00838
PROJECT/TASK.....8603/03

AFCHL 68-0491
NATIONAL UNIVERSITY OF ATHENS
SATELLITE STUDIES IN LOW ALTITUDES FINAL REPORT JUNE 1968
BY ANASTASSIADIS M
DAR ACCESS NO.....250090-003
DOC NUMBER.....AD676059
INSTR...AF-61/052/00754
PROJECT/TASK.....4643/02

AFCHL 68-0492
TYCO LABORATORIES INC
CHEMISORPTION OF NITROGEN AND CO2 ON NICKEL AND PLATINUM
SCIENTIFIC REPORT NO 2 SEPT 1968
BY HISSMANN E
JASINSKI R
DAR ACCESS NO.....257370-002
DOC NUMBER.....AD679732
INSTR...AF-19/628/05549
PROJECT/TASK.....8659/04

AFCHL 68-0493
UNIVERSITY OF FLORIDA
A CENTER OF COMPETENCE IN SOLID STATE MATERIAL AND OLIVICES
SCIENTIFIC REPORT NO 2 OCT 1968
BY LINDHOLM F A
BRIDGESMAN A J
CHENETTE E R
GOULD R W
MENCH L L
DAR ACCESS NO.....266680-002
DOC NUMBER.....AD678170
INSTR...F19628-68-C-0058
PROJECT/TASK.....8687/06

AFCHL 68-0495
UNIVERSITY OF MICHIGAN
ITERATIVE SOLUTIONS OF MAXWELL EQUATIONS
1353-2-T SCIENTIFIC REPORT NO 2 OCT 1968
BY ASVESTAS J S
DAR ACCESS NO.....272322-002
DOC NUMBER.....AD677006
INSTR...F19628-68-C-0071
PROJECT/TASK.....5635/02

AFCHL 68-0496
UNIVERSITY OF READING
MULTILAYER FILTERS FOR THE REGION 0.8 TO 100 MICRONS FINAL
REPORT MAY 1968
BY SMITH S O
SELLEY J S
DAR ACCESS NO.....253330-001
DOC NUMBER.....AD679564
INSTR...AF-61/052/00833
PROJECT/TASK.....8662/00

APCRL 68-0046
 PABSE MATHEMATICAL LABORATORIES
 STUDY OF THE MATHEMATICAL FOUNDATIONS OF THE MEDIAL AXIS
 TRANSFORMATION FINAL REPORT AUG 1968
 BY NONE
 DAR ACCESS NO.....250790-004
 DDC NUMBER.....AD67772
 INSTR...AF-19/628/05711
 PROJECT/TASK.....5628/01

APCRL 68-0050
 UNIVERSITY OF SASKATCHEWAN
 ALTITUDE PROFILE OF THE INHANCED ATMOSPHERIC SYSTEM OF
 OXYGEN IN THE DAYGLOW
 JOURNAL OF GEOPHYS RESEARCH SPACE PHYSICS VOL 73 NO 9
 APR 68-2906 1 MAY 1968
 BY EVANS B F J
 MUNTON D M
 LLEWELLYN C J
 VALLANCE JONES A
 DAR ACCESS NO.....250491-004
 DDC NUMBER.....AD67847
 INSTR...AF-19/628/05720
 PROJECT/TASK.....7061/01

APCRL 68-0501
 UNIVERSITY OF COLORADO
 THERMALLY DRIVEN GUSSEY-MODE HYDROMAGNETIC DYNAMOS
 SCIENTIFIC REPORT NO 2 SEPT 1968
 BY GILMAN P A
 DAR ACCESS NO.....260030-002
 DDC NUMBER.....AD67803
 INSTR...F19628-07-C-0304
 PROJECT/TASK.....0000/76

APCRL 68-0502
 AIR FORCE CAMBRIDGE RESEARCH LABS
 LOW TEMPERATURE TECHNIQUES FOR ELECTRON IRRADIATIONS
 IP NO 148 OCT 1963
 BY JIMENEZ C M
 LOWE L F
 BURKE E A
 DAR ACCESS NO.....255120-010
 DDC NUMBER.....AD678102
 INSTR...APCRL-5620-07-01
 PROJECT/TASK.....5620/02

APCRL 68-0505
 UNIVERSITY OF DENVER
 HIGH ALTITUDE ATMOSPHERIC TRANSMITTANCE AS OBSERVED OVER
 NORTHERN CALIFORNIA
 SUPPLEMENTARY TECHNICAL REPORT MAY 1965
 BY MURRAY D C
 MURRAY E M
 WILLIAMS W J
 DAR ACCESS NO.....272541-003
 DDC NUMBER.....AD673268
 INSTR...AF-19/628/05702
 PROJECT/TASK.....A662/01

APCRL 68-0506
 AIR FORCE CAMBRIDGE RESEARCH LABS
 THE ELECTRIC FIELD IN THE SOLAR CORONAL EXOSPHERE AND
 THE SOLAR WIND
 EMD NO 292 OCT 1968
 BY SEN H K
 DAR ACCESS NO.....254900-004
 DDC NUMBER.....AD678101
 INSTR...APCRL-6647-01-01
 PROJECT/TASK.....8647/01

APCRL 68-0507
 AIR FORCE CAMBRIDGE RESEARCH LABS
 THE TWIN-EFFECT AND THE HELI-SHEET
 PSRP NO 302 OCT 1963
 BY MUST F J
 DAR ACCESS NO.....254910-009
 DDC NUMBER.....AD67889
 INSTR...APCRL-6635-01-01
 PROJECT/TASK.....5635/01

APCRL 68-0509
 SHERBY RAND RESEARCH CENTER
 ELECTROACOUSTIC RESONANCES IN A NONUNIFORM PLASMA
 SRC-CP-68-41 SCIENTIFIC REPORT NO 1 OCT 1968
 BY EVALD H N
 DAR ACCESS NO.....252251-001
 DDC NUMBER.....AD680407
 INSTR...F19628-07-C-0096
 PROJECT/TASK.....9682/02

APCRL 68-0512
 NORTHEASTERN UNIVERSITY
 STATISTICAL COMMUNICATION THEORY FINAL REPORT JUNE 1968
 BY NONE
 DAR ACCESS NO.....272502-002
 DDC NUMBER.....AD677340
 INSTR...F19628-07-C-0112
 PROJECT/TASK.....4610/03

APCRL 68-0514
 HARVARD UNIVERSITY
 PHYSICS OF FERROMAGNETIC AND FERMIOELECTRIC MEDIA FINAL
 REPORT OCT 1968
 BY JONES W V
 DAR ACCESS NO.....271871-010
 DDC NUMBER.....AD683418
 INSTR...AF-19/628/03874
 PROJECT/TASK.....5634/03

APCRL 68-0515
 UNIVERSITY OF ROCHESTER
 SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS BEAM
 THRESHOLD
 PHYSICS LETTERS VOL 27A NO 8 PP379-380 1968
 BY DAVIDSON P
 MANDEL L
 DAR ACCESS NO.....253290-009
 DDC NUMBER.....AD679787
 INSTR...AF-19/628/05852
 PROJECT/TASK.....4648/02

APCRL 68-0518
 NADCO CORP OF AMERICA
 INTEGRATED LOGIC NETWORKS FINAL REPORT OCT 1968
 BY ALLISON J P
 DAR ACCESS NO.....272512-001
 DDC NUMBER.....AD680411
 INSTR...F19628-07-C-0290
 PROJECT/TASK.....4641/04

APCRL 68-0517
 AIR FORCE CAMBRIDGE RESEARCH LABS
 FACTORS AFFECTING THE ART PICTURE QUALITY
 IP NO 149 OCT 1968
 BY MYERS R F
 DAR ACCESS NO.....254700-001
 DDC NUMBER.....AD679532
 INSTR...APCRL-6695-01-01
 PROJECT/TASK.....8648/01

APCRL 68-0519
 TECHNICAL OPERATIONS INC
 PHASITILITY STUDY FOR AIRBORNE ICC-CRYSTAL OBSCHWETEN
 FINAL REPORT SEPT 1969
 BY SAND J M
 DYLS W A
 DAR ACCESS NO.....273462-001
 DDC NUMBER.....AD678991
 INSTR...F19628-07-C-0140
 PROJECT/TASK.....8620/05

APCRL 68-0521
 UNIVERSITY OF DENVER
 LINE PARAMETERS OF THE INHANCED METHANE BANDS
 SCIENTIFIC REPORT NO 1 OCT 1968
 BY KYLE T G
 DAR ACCESS NO.....257970-001
 DDC NUMBER.....AD678184
 INSTR...AF-19/628/05706
 PROJECT/TASK.....0000/84

APCRL 68-0522
 STANFORD RESEARCH INSTITUTE
 ANALYSIS OF LIDAR DATA OBTAINED UNDER CONDITIONS OF LOW
 CEILING AND VISIBILITY
 SCIENTIFIC REPORT NO 1 SRI PROJECT 6903 AUG 1968
 BY VICZEK W
 UTHE E E
 DAR ACCESS NO.....256591-001
 DDC NUMBER.....AD678103
 INSTR...F19628-06-C-0021
 PROJECT/TASK.....6670/02

APCRL 68-0523
 QUEENS UNIVERSITY
 THE POLARIZATION OF A CLOSED-SHELL CONE OF AN ATOMIC
 SYSTEM BY AN OUTER ELECTRON I A CORRECTION TO THE
 AUTOMATIC APPROXIMATION
 PRIC PHYS SOC 1967 VOL 92 PP556-565
 BY EISSA M
 CHIK U
 DAR ACCESS NO.....273410-024
 DDC NUMBER.....AD679006
 INSTR...AF-61/052/00780
 PROJECT/TASK.....8627/06

APCRL 68-0524
 QUEENS UNIVERSITY
 THE POLARIZATION OF A CLOSED-SHELL CONE OF AN ATOMIC
 SYSTEM BY AN OUTER ELECTRON II EVALUATION OF THE
 POLARIZABILITY FROM OBSERVED SPECTRA
 PRIC PHYS SOC 1967 VOL 92 PP566-572
 BY CHIK U
 DAR ACCESS NO.....273410-025
 DDC NUMBER.....AD679007
 INSTR...AF-61/052/00780
 PROJECT/TASK.....8627/06

APCRL 68-0525
 QUEENS UNIVERSITY
 A SIMPLE METHOD FOR CALCULATING VAN DER WAALS INTERACTIONS
 PRIC PHYS SOC 1967 VOL 92 PP573-576
 BY CHIK U
 DAR ACCESS NO.....273410-026
 DDC NUMBER.....AD679008
 INSTR...AF-61/052/00780
 PROJECT/TASK.....8627/06

APCRL 68-0528
 AIR FORCE CAMBRIDGE RESEARCH LABS RADIUMS
 AN AUTOMATIC ELECTRIC ANNEALING FURNACE
 IP NO 151 OCT 1968
 BY ADAMSKE J A
 YASINSKI W A
 DAR ACCESS NO.....256120-011
 DDC NUMBER.....AD680777
 INSTR...APCRL-6620-05-01
 PROJECT/TASK.....5620/05

APCRL 88-0528
STYRENE INSTITUTE OF TECHNOLOGY
SHOCK TUB STUDIES OF IONIZED GASES FINAL REPORT AUG 1968
BY DESSE A L
SMUCHATOWITZ J
TATARIAN A
DAR ACCESS NO.....252801-003
DDC NUMBER.....A0678097
INSTR...F1928-07-C-0705
PROJECT/TASK.....5009701

APCRL 88-0530
CARNEGIE-MELLON UNIVERSITY
SEMICONDUCTOR HETEROJUNCTION STRUCTURE STUDIES FINAL
REPORT SEPT 1968
BY FEKHT D L
MILNEFS A G
DAR ACCESS NO.....258231-002
DDC NUMBER.....A06781173
INSTR...F1928-08-C-0174
PROJECT/TASK.....5021707

APCRL 88-0531
LABORATORY FOR ELECTRONICS INC
RESEARCH IN FERROMAGNETICS FINAL REPORT SEPT 1968
BY AGHISHIAN N
PUTNEY Z
MARINO M I
VERONELLI J
DAR ACCESS NO.....272752-001
DDC NUMBER.....A0678995
INSTR...F1928-07-C-0172
PROJECT/TASK.....5032707

APCRL 88-0532
UNIVERSITY OF FLORENCE
LASER CAVITIES PART I RESEARCH ON OPEN RESONATORS FINAL
REPORT MAY 1968
BY CHECCACCI P F
CONSONTI A
SCHEGGI A M
TOMALON DI FRANCA G
DAR ACCESS NO.....264723-007
DDC NUMBER.....A0677771
INSTR...AF-61/052/00471
PROJECT/TASK.....4405702

APCRL 88-0534
NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT
FIELD DISTRIBUTION AND CURRENT SATURATION IN
PHOTOCONDUCTIVE COS
JOURNAL OF APPLIED PHYSICS VOL 18 NO 13 PP5177-5187 DEC
1967
BY FOSSUM H J
HANNESTAD A
DAR ACCESS NO.....258340-007
DDC NUMBER.....A0678247
INSTR...AF-61/052/00458
PROJECT/TASK.....8083701

APCRL 88-0535
UNIVERSITY OF LEFOS
UNIFORM-FIELD SPARKING VOLTAGES OF GASES IN CHOSEN
MAGNETIC FIELDS
PROC IEE VOL 115 NO 7 JULY 1968 PP1034-1044
BY DARGAN C L
MEYLEN A E D
DAR ACCESS NO.....252320-004
DDC NUMBER.....A0678248
INSTR...AF-61/052/00512
PROJECT/TASK.....44642703

APCRL 88-0536
QUEEN'S UNIVERSITY
ATOMIC DIPOLE-QUADRUPOLE DISPERSION FORCES
J PHYS B PROC PHYS SOC 1968 SEP 2 VOL 1 PP139-144
BY DAVIDSON W D
DAR ACCESS NO.....273410-027
DDC NUMBER.....A0678003
INSTR...AF-61/052/00780
PROJECT/TASK.....8627706

APCRL 88-0537
QUEEN'S UNIVERSITY
THE HYPERFINE STRUCTURE OF THE 2P 2P LEVELS OF LITHIUM
PROC PHYS SOC 1967 VOL 92 PP246-300
BY ARDILL R W B
STEWART A L
DAR ACCESS NO.....273410-024
DDC NUMBER.....A0678003
INSTR...AF-61/052/00780
PROJECT/TASK.....8627706

APCRL 88-0538
UNIVERSITY OF UTAH
ROCKET INSTRUMENTATION FOR AERONAUTICAL MEASUREMENTS - AEROPPE
J.OIS
UU-68-10 SCIENTIFIC REPORT NO 10 SEPT 1968
BY HAKEN R D
DUFT D A
HAYCOCK R H
SPLJAAS R G
HOWLETT L C
DAR ACCESS NO.....259531-010
DDC NUMBER.....A0681468
INSTR...AF-19/028/04995
PROJECT/TASK.....7603703

APCRL 88-0541
NAVAL POSTGRADUATE SCHOOL
STUDIES IN THE DYNAMICAL PREDICTION AND INTERPRETATION OF
WEATHER SYSTEMS FINAL REPORT OCT 1968
BY DANAND M J
KRISHNAMURTI T N
MAHLMAN J J
DAR ACCESS NO.....267880-003
DDC NUMBER.....A0678091
INSTR...AF-19/028-07
PROJECT/TASK.....6009702

APCRL 88-0542
SYRACUSE UNIVERSITY RESEARCH INSTITUTE
ARRAY DESIGN BY MATRIX METHODS
SCIENTIFIC REPORT NO 1 OCT 1968
BY STRAIT B J
HINABANA K
DAR ACCESS NO.....280671-001
DDC NUMBER.....A0678009
INSTR...F1928-08-C-0180
PROJECT/TASK.....5035706

APCRL 88-0543
STANFORD RESEARCH INSTITUTE
GROWTH PROCESSING AND CHARACTERIZATION OF N-SILICON
CARBIDE SINGLE CRYSTALS
SRI PROJECT NO PRU-6488 SCIENTIFIC REPORT NO 3 AUG 1968
BY DANFLETT R W
MILLER R A
BARLOW W
DAR ACCESS NO.....283911-003
DDC NUMBER.....A0678880
INSTR...F1928-07-C-0243
PROJECT/TASK.....5020708

APCRL 88-0545
MICHIGAN STATE UNIVERSITY
EXPERIMENTAL INVESTIGATION OF THE MODIFICATION OF THE
BACKSCATTERING CROSS SECTIONS OF METALLIC OBJECTS
SCIENTIFIC REPORT NO 8 JAN 1969
BY VINCENT M C
CHEN K W
DAR ACCESS NO.....286330-005
DDC NUMBER.....A0680412
INSTR...AF-19/028/06732
PROJECT/TASK.....5035702

APCRL 88-0547
AIR FORCE CAMBRIDGE RESEARCH LABS
AN EVALUATION OF THE ALUMINUM OXIDE HUMIDITY ELEMENT
ID NO 151 OCT 1968
BY BRIDGES P J
DAR ACCESS NO.....284480-002
DDC NUMBER.....A0681105
INSTR...AFCHL-6670-01-01
PROJECT/TASK.....6670701

APCRL 88-0550
AIR FORCE CAMBRIDGE RESEARCH LABS
HUMIDITY UP TO THE MESOPAUSE
AFSS NO 206 OCT 1968
BY SISENWEINE N
GRANTHAM D D
SALWELA M A
DAR ACCESS NO.....288750-016
DDC NUMBER.....A0679996
INSTR...AFCHL-6624-01-01
PROJECT/TASK.....8624701

APCRL 88-0551
TECHNISCHE HOCHSCHULE MUNCHEN
ANGLE DEPENDENT REFLECTIVITY OF NATURAL SURFACES I - 1P
MICRON FINAL REPORT AUG 1968
BY AMLT M
DILLE M J
DAR ACCESS NO.....281261-003
DDC NUMBER.....A0677670
INSTR...AF-61/052/00778
PROJECT/TASK.....7021703

APCRL 88-0552
UPPSALA UNIVERSITY
COSMIC RAY INTENSITY VARIATIONS DURING 1967
SCIENTIFIC NOTE NO 5 JULY 1968
BY SANDSTRUM A E
KANGEDAL R
DAR ACCESS NO.....269671-006
DDC NUMBER.....A0678677
INSTR...AF-61/052/00888
PROJECT/TASK.....8600708

APCRL 88-0553
COLUMBIA UNIVERSITY
RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE
PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC
SOURCES FINAL REPORT SEPT 1968
BY MCCARTY K
DAR ACCESS NO.....277521-026
DDC NUMBER.....A0678557
INSTR...AF-19/028/04082
PROJECT/TASK.....8652700

APCRL 88-0556
VITRO CORP OF AMERICA
DEVELOPMENT AND TESTING OF AIR BALLAST SYSTEMS FINAL
REPORT OCT 1968
BY DAVIDSON A M JR
DAR ACCESS NO.....259540-003
DDC NUMBER.....A0678090
INSTR...F1928-07-C-0192
PROJECT/TASK.....6005701

APCRL 88-0558
BRANFIS UNIVERSITY
INTERACTION OF COHERENT LIGHT WITH ATOMIC SYSTEMS FINAL
REPORT DEC 1968
BY LITVINICH L
DUNNLEIGH H N
DAR ACCESS NO.....252871-011
DDC NUMBER.....A0681123
INSTR...AF-19/028/05833
PROJECT/TASK.....4465702

AFRL 68-0560
TYCO LABORATORIES INC
STUDY OF KINETICS OF ALKALI METAL DEPOSITION IN
NONAQUEOUS SOLUTIONS FINAL REPORT OCT 1968
DAW ACCESS NO.....257100-003
DOC NUMBER.....AD081453
INSTR...AF-19/028/0575
PROJECT/TASK.....0604/004

HY CHOLLY D H
HUTLPH J N

AFRL 68-0561
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
TEMPERATURE DEPENDENT STUDY OF THE DIELECTRIC DISPERSION
OF A VARIETY OF INORGANIC SOLIDS FINAL REPORT SEPT 1968
DAW ACCESS NO.....250200-001
DOC NUMBER.....AD070213
INSTR...AF-19/028/0566
PROJECT/TASK.....0621/005

HY BENNY C H

AFRL 68-0562
MICHIGAN STATE UNIVERSITY
SCATTERING FROM AN IMPEDANCE LOADED SLOTTED CYLINDER
SCIENTIFIC REPORT NO 7 SEPT 1968
DAW ACCESS NO.....250330-006
DOC NUMBER.....AD080013
INSTR...AF-19/028/0573
PROJECT/TASK.....0635/002

HY SHURT J R
CHEN K H

AFRL 68-0564
INTERNATIONAL BUSINESS MACHINES CORP
MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING
RADIATION ON SEMICONDUCTORS
TR 22.731 SCIENTIFIC REPORT NO 2 AUG 1968
DAW ACCESS NO.....250490-002
DOC NUMBER.....AD080001
INSTR...AF-19/028-07-C-011A
PROJECT/TASK.....0600/005

HY KENNEDY D P

AFRL 68-0565
UNIVERSITY OF MARYLAND
INVESTIGATIONS OF NITROGEN AND SYSTEMS PROMINENT IN
ELECTRIC DISCHARGES FINAL REPORT MAR 1968
DAW ACCESS NO.....252101-001
DOC NUMBER.....AD074214
INSTR...AF-19/028/0574
PROJECT/TASK.....0613/003

HY BENFISH W M

AFRL 68-0566
MILITARY UNIVERSITY
VORTEX INDUCED ROLLING MOMENTS ON FINNED MISSILES AT HIGH
ANGLE OF ATTACK
SCIENTIFIC REPORT NO 1 NOV 1968
DAW ACCESS NO.....260600-001
DOC NUMBER.....AD079755
INSTR...AF-19/028-08-C-014A
PROJECT/TASK.....0650/004

HY VIELSON D G

AFRL 68-0568
DANCOVICH E CO INC
THE 150-111 SOLAR ULTRAVIOLET DATA ANALYSIS PROGRAM FINAL
REPORT NOV 1968
DAW ACCESS NO.....253491-001
DOC NUMBER.....AD074757
INSTR...AF-19/028-07-C-0227
PROJECT/TASK.....0600/000

HY VICKSILL F H

AFRL 68-0571
AIR FORCE CAMBRIDGE RESEARCH LABS
NUMERICAL EXPERIMENTS WITH A VERTICALLY PARAMETERIZED
MODEL DESIGNED TO STUDY THE EFFECTS OF HIGH-LEVEL HEATING
ON THE LARGE-SCALE CIRCULATION OF THE LOWER ATMOSPHERE
EMP NO 298 NOV 1968
DAW ACCESS NO.....250490-015
DOC NUMBER.....AD074759
INSTR...AF-19/028-08-C-014A
PROJECT/TASK.....0600/004

HY REIKTSKY L
SHAPIRO H

AFRL 68-0572
AIR FORCE CAMBRIDGE RESEARCH LABS
ULTRAVIOLET RADIATION AND THE THERMISTAL SURFACE
SPECIAL REPORTS NO 43 NOV 1968
DAW ACCESS NO.....250490-005
DOC NUMBER.....AD080075
INSTR...AF-19/028-05-0
PROJECT/TASK.....0627/005

HY CRONIN J P
MOLINEUX C F
ROONEY T P
HILBERTS R F
WILLIAMS H S JR

AFRL 68-0573
SYLVANIA ELECTRIC PRODUCTS INC
POWER FLOW FROM A SHORT ANTENNA IN A LOSSY UNIFORM MEDIUM
RADIO SCIENCE VOL 2 NOV SERIES NO 12 PP141N-1430 DEC 1967
DAW ACCESS NO.....252111-106
DOC NUMBER.....AD080140
INSTR...AF-19/028/05718
PROJECT/TASK.....0602/002

HY GALEJS J

AFRL 68-0574
SYLVANIA ELECTRIC PRODUCTS INC
SURFACE FIELDS OF LINEAR ANTENNAS IN FREE SPACE DIELECTRIC
MEDIUMS AND MAGNETODIODE MEDIA
IEEE VOL 115 NO 5 PP627-632 MAY 1968 U IEE TRANSACTIONS ON
ANTENNAS AND PROPAGATION VOL AP-16 NO 3 PP376-380 MAY 1968
DAW ACCESS NO.....252111-007
DOC NUMBER.....AD080141
INSTR...AF-19/028/05718
PROJECT/TASK.....0602/002

HY GALEJS J

AFRL 68-0575
SYLVANIA ELECTRIC PRODUCTS INC
ON ANTENNA IMPEDANCES IN A COLD PLASMA WITH A
PERPENDICULAR STATIC MAGNETIC FIELD
S-S18U-9 SCIENTIFIC REPORT NO 9 OCT 1968
DAW ACCESS NO.....252111-008
DOC NUMBER.....AD081149
INSTR...AF-19/028/05718
PROJECT/TASK.....0602/002

HY GALEJS J

AFRL 68-0577
SYLVANIA ELECTRIC PRODUCTS INC
THE INSULATED CYLINDRICAL ANTENNA IMMERSED IN A
COMPRESSION PLASMA
S-S15M-10 SCIENTIFIC REPORT NO 10 OCT 1968
DAW ACCESS NO.....252111-009
DOC NUMBER.....AD079999
INSTR...AF-19/028/05718
PROJECT/TASK.....0602/002

HY GALEJS J

AFRL 68-0578
SYLVANIA ELECTRIC PRODUCTS INC
EXPERIMENTAL INVESTIGATION OF MUTUAL ADMITTANCE AND
MUTUAL-INDUCTANCE OF SLOT ANTENNAS
ELECTRONIC LETTERS VOL 3 NO 7 PP321-323 JULY 1967 (B) THUR
(C)
DAW ACCESS NO.....252111-010
DOC NUMBER.....AD081148
INSTR...AF-19/028/05718
PROJECT/TASK.....0602/002

HY MENTZONI M H
DONDORF J

AFRL 68-0579
SYLVANIA ELECTRIC PRODUCTS INC
ELECTRON RECOMBINATION ATTACHMENT AND RELAXATION IN NO AND
CO
CANADIAN JOURNAL OF PHYSICS (A) VOL 45 PP1305-1378 1967
(C) VOL 45 PP1323-1330 1968 (B) PHYSICS LETTERS VOL 26A NO
7 PP330-331 26 FEB 1968
DAW ACCESS NO.....252111-011
DOC NUMBER.....AD080148
INSTR...AF-19/028/05718
PROJECT/TASK.....0602/002

HY MENTZONI M H
DONDORF J

AFRL 68-0583
MICHIGAN STATE UNIVERSITY
IMPEDANCE-LOADED RECEIVING ANTENNAS WITH MINIMUM
BACKSCATTERING AND MAXIMUM RECEIVED POWER
SCIENTIFIC REPORT NO 6 SEPT 1968
DAW ACCESS NO.....250330-007
DOC NUMBER.....AD080014
INSTR...AF-19/028/05732
PROJECT/TASK.....0635/002

HY JACK H J
CHEN K H

AFRL 68-0584
BRANDIS UNIVERSITY
RESEARCH IN ASTROPHYSICS FINAL REPORT OCT 1968
DAW ACCESS NO.....251490-004
DOC NUMBER.....AD080015
INSTR...AF-19/028/04019
PROJECT/TASK.....0647/001

HY GOLDSTEIN J S

AFRL 68-0585
PARAMETRICS INC
RESEARCH IN THE DESIGN DEVELOPMENT AND CONSTRUCTION OF
NON-MAGNETIC SENSORS FOR MAGNETIC FIELD-CHARGED PARTICLE
CORRELATION STUDIES FINAL REPORT OCT 1968
DAW ACCESS NO.....250180-001
DOC NUMBER.....AD081454
INSTR...AF-19/028/03696
PROJECT/TASK.....7601/004

HY SPILLARS R
HANSEN F A
HUNERWADL J L

AFRL 68-0586
STANFORD RESEARCH INSTITUTE
LIDAR-RADAR LOWER ATMOSPHERIC OBSERVATIONS FINAL REPORT
NOV 1968
DAW ACCESS NO.....250490-002
DOC NUMBER.....AD079594
INSTR...AF-19/028-08-C-0021
PROJECT/TASK.....0600/002

HY VITZEC W
HULANAS J

APCRL 68-0888
COSMIC INC
INVESTIGATION OF CURRENT-VOLTAGE CHARACTERISTICS OF
SPACECRAFT-MOUNTED GEOMETRIC ELECTROSTATIC ANALYZERS
FINAL REPORT SEPT 1968
BY SHPA J J
CAMPEREN K H
DAR ACCESS NO.....26240-001
DOC NUMBER.....AD080416
INSTN...AF-19628-68-C-0018
PROJECT/TASK.....0617/02

APCRL 68-0889
BOSTON COLLEGE
EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON
SEISMIC WAVE PROPAGATION FINAL REPORT OCT 1968
BY HODAN J O
BLANFY J J
DEVANEY J P
FRLEY T F
HAYNES W F
DAR ACCESS NO.....263051-002
DOC NUMBER.....AD079558
INSTN...AF-19628-68-C-0087
PROJECT/TASK.....0652/02

APCRL 68-0991
ADAMS ASSOCIATES INC
INVESTIGATION OF M400/340 DISPLAY OPERATING SYSTEM
IMPROVEMENTS FINAL REPORT DEC 1968
BY HETCALPE R H
HERNISTONE J A
DAR ACCESS NO.....268623-001
DOC NUMBER.....AD079133
INSTN...AF-19628-68-C-0102
PROJECT/TASK.....0610/02

APCRL 68-0892
SYSTEM DEVELOPMENT CORPORATION
SUBSTITUTION IN FAMILIES OF LANGUAGES
IN-738/049/00 SCIENTIFIC REPORT NO 28 SEPT 1968
BY GINTBURG S
SPANIER E H
DAR ACCESS NO.....259400-021
DOC NUMBER.....AD080785
INSTN...AF-19628-67-C-0008
PROJECT/TASK.....0632/04

APCRL 68-0994
INTERNATIONAL BUSINESS MACHINE CORP
MULTIPURPOSE LOGIC CELL STUDY FINAL REPORT OCT 1968
BY WAXMAN R
MCMAHON M T JR
BIRECKI D
BREUSS R
LIANG L
DAR ACCESS NO.....259750-001
DOC NUMBER.....AD080404
INSTN...AF-19628-67-C-0302
PROJECT/TASK.....0611/04

APCRL 68-0890
BLOCK ENGINEERING INC
AN EVALUATION OF METHODS OF MULTIPLEXING AN INFRARED IMAGE
AND IMAGING IT IN THE VISIBLE
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA VOL 56 NO 11 NOV
1968 VOL 56 NO 12 DEC 1968
BY FOSKETT C T
DAR ACCESS NO.....261100-001
DOC NUMBER.....AD081409
INSTN...AF-19628-68-C-0358
PROJECT/TASK.....0602/01

APCRL 68-0801
SYLVANIA ELECTRIC PRODUCTS INC
RADIATION PATTERNS OF A SLOT ANTENNA IN THE PRESENCE OF A
BREAKDOWN SHEATH
S-515B-13 SCIENTIFIC REPORT NO 13 NOV 1968
BY MENTZONI M H
DONOWDE J
DAR ACCESS NO.....252111-012
DOC NUMBER.....AD080000
INSTN...AF-19628/05715
PROJECT/TASK.....0602/02

APCRL 68-0604
COLUMBIA UNIVERSITY
SEISMIC SEICHES FROM THE MARCH 1964 ALASKA EARTHQUAKE
GEOLOGICAL SURVEY PROFESSIONAL PAPER 544-E P EL-E-43
BY MCGARR A
VORHIS R C
DAR ACCESS NO.....272521-027
DOC NUMBER.....AD079866
INSTN...AF-19628/04087
PROJECT/TASK.....0652/00

APCRL 68-0605
BULT BEHNER AND NEWMAN INC
A SELECTED PSYCHOLINGUISTIC HINDIDGRAPHY
BBN REPORT 1744 SCIENTIFIC REPORT NO 9 NOV 1968
BY FRASEN H
KLATT M H
DAR ACCESS NO.....251681-00V
DOC NUMBER.....AD080002
INSTN...AF-19628-68-C-0125
PROJECT/TASK.....0608/00

APCRL 68-0606
KAMAN AVIDYNE
VALIDITY OF DETAILED BALLOON SOUNDINGS IN BOOSTER VEHICLE
DESIGN
PH I SCIENTIFIC REPORT NO 1 OCT 1968
BY ZARTANIAN G
THOMPSON J H
DAR ACCESS NO.....260970-001
DOC NUMBER.....AD080418
INSTN...AF-19628-68-C-0205
PROJECT/TASK.....0624/02

APCRL 68-0614
TECHNISCHE HOCHSCHULE DARMSTADT
INVESTIGATIONS IN SOME KINDS OF CRYSTALS BY ESM AND OPTICAL
METHODS FINAL REPORT SEPT 1968
BY FLISCHNER H
DAR ACCESS NO.....260181-001
DOC NUMBER.....AD081688
INSTN...AF-19628/00817
PROJECT/TASK.....0605/02

APCRL 68-0615
UNIVERSITY COLLEGE
SPEECH ANALYSIS SYSTEMS FINAL REPORT JUN 1968
BY FRY D B
FLURCHIN A J
DAR ACCESS NO.....268981-002
DOC NUMBER.....AD081824
INSTN...AF-19628/00692
PROJECT/TASK.....0610/02

APCRL 68-0616
SYLVANIA ELECTRIC PRODUCTS INC
INVESTIGATION OF ANTENNAS IN PLASMA MEDIA FINAL REPORT NOV
1968
BY GALEJS J
MENTZONI M H
DAR ACCESS NO.....258111-013
DOC NUMBER.....AD081150
INSTN...AF-19628/05715
PROJECT/TASK.....0602/02

APCRL 68-0618
COLUMBIA UNIVERSITY
PROPERTIES OF THE CORE-MANTLE BOUNDARY AND OBSERVATIONS OF
PCP
JOURNAL OF GEOPHYSICAL RESEARCH VOL 73 NO 18 SEP 15 1968
PP5401-5473
BY DJCHHINDER G G R
DAR ACCESS NO.....272521-028
DOC NUMBER.....AD080856
INSTN...AF-19628/04087
PROJECT/TASK.....0652/00

APCRL 68-0619
DAHGLICH & COMPANY INC
SEVEN PROJECTS IN STELLAR AND UPPER ATMOSPHERIC PHYSICS
FINAL REPORT NOV 1968
BY MOUDREAU H F
DANCOVICH M H
DIETER A
FLOMAN J O
LAT S T
DAR ACCESS NO.....259691-002
DOC NUMBER.....AD079758
INSTN...AF-19628-67-C-0227
PROJECT/TASK.....0600/00

APCRL 68-0620
NEW MEXICO STATE UNIVERSITY
S-BAND TELEMETRY ANTENNA STUDIES CAVITY-MULTIPLI ARRAY
SCIENTIFIC REPORT NO 4 OCT 1968
BY BULLER J T
HENRY D G
DAR ACCESS NO.....250671-004
DOC NUMBER.....AD081659
INSTN...AF-19628/05923
PROJECT/TASK.....0609/01

APCRL 68-0622
GOODYEAR AEROSPACE CORP
HALLUTE DEVELOPMENT FOR LOKI-DANT AND ARCAS MURKETSOMES
FINAL REPORT NOV 1968
BY GRAHAM J J JR
DAR ACCESS NO.....258300-001
DOC NUMBER.....AD081655
INSTN...AF-19628/05001
PROJECT/TASK.....0602/00

APCRL 68-0623
COLUMBIA UNIVERSITY
SEISMOLOGY AND THE NEW GLOBAL TECTONICS
JOURNAL OF GEOPHYSICAL RESEARCH VOL 73 NO 18 SEP 15 1968
PP5455-5899
BY ISACKS B
OLIVER J
SYKES L H
DAR ACCESS NO.....272521-029
DOC NUMBER.....AD080859
INSTN...AF-19628/04087
PROJECT/TASK.....0652/00

APCRL 68-0626
GOODYEAR AEROSPACE CORPORATION
INVESTIGATION OF JWEIRD LIGHTER-THAN-AIR VEHICLES FINAL
REPORT NOV 1968
BY VOTACEK J J
DAR ACCESS NO.....259680-001
DOC NUMBER.....AD080829
INSTN...AF-19628-67-C-0067
PROJECT/TASK.....0605/07

APCRL 68-0630
AIR FORCE CAMBRIDGE RESEARCH LABS
A CLIMATOLOGY OF VERY HIGH ALTITUDE RADAR PRECIPITATION
ECHOES
AFSG NO 207 OCT 1968
BY KANTON A J
GRANTHAM D B
DAR ACCESS NO.....265750-015
DOC NUMBER.....AD081167
INSTN...AF-19628-68-C-0101
PROJECT/TASK.....0624/01

AFCL 68-0631
LOCKHEED AIRCRAFT CORP
ENERGY BAND STRUCTURE OF SEMICONDUCTORS FINAL REPORT DEC
1968
BY HERMAN F
KORTUM R L
ORTENBUTGER I H
VAN DYKE J R
OAR ACCESS NO.....254200-003
DDC NUMBER.....AD681459
INSTR...AF-19/624/05750
PROJECT/TASK.....5620/08

AFCL 68-0635
UNIVERSITY OF COLORADO
SUNSPOT MOTION STATISTICS
SCIENTIFIC REPORT NO 3 NOV 1968
BY COPPEY M E
OAR ACCESS NO.....260030-003
DDC NUMBER.....AD681456
INSTR...F14628-67-C-0304
PROJECT/TASK.....0000/76

AFCL 68-0645
QUEEN MARY COLLEGE
THE MAGNETIC FIELD AND ENERGY OF AN AXISYMMETRIC VAN ALLEN
BELT
SCIENTIFIC REPORT NO 10 23 FEB 1968
BY CHAPMAN S
KENDALL P C
SWARTZTHAUBER P H
WINDOLF D W
OAR ACCESS NO.....250440-011
DDC NUMBER.....AD681438
INSTR...AF-EOAM -0074-A4
PROJECT/TASK.....6600/06

AFCL 68-0646
UNIVERSITY OF PAIS
IONOSPHERIC RESEARCHES USING SATELLITES FINAL REPORT APR
1968
BY VASSY F J
OAR ACCESS NO.....250120-007
DDC NUMBER.....AD681460
INSTR...AF-61/052/00761
PROJECT/TASK.....4443/02

AFCL 68-0650
TICKEY CLYDE W
THE FLOW-ENT OF TECHNIQUES FOR THE DESIGN AND FABRICATION
OF SEISMIC MODEL RECEIVING TRANSDUCERS FINAL REPORT DEC
1968
BY TICKEY C W
OAR ACCESS NO.....260920-001
DDC NUMBER.....AD680830
INSTR...F14628-68-C-0273
PROJECT/TASK.....7634/08

AFCL-67-0178
UNIVERSITY OF HAWAII
EUCLIDEAN GEOMETRY CYCLIC CODES
SCIENTIFIC REPORT NO 13 FEB 1967
BY WELDON F J
OAR ACCESS NO.....251900-013
DDC NUMBER.....AD684675
INSTR...AF-19/625/04370
PROJECT/TASK.....5628/01

AFCL-67-0613
HARVARD UNIVERSITY
ADMITTANCE OF A THICK MONOPOLE DRIVEN FROM A COAXIAL LINE
SCIENTIFIC REPORT NO 20 /SERIES 3/ SEPT 1967
BY CHANG D C
WU T T
OAR ACCESS NO.....271081-013
DDC NUMBER.....AD680547
INSTR...AF-19/628/07406
PROJECT/TASK.....5635/02

C. Air Force Office of Scientific Research - AFOSR

AFOSR 67-07-
OKLAHOMA UNIV PHYSICS DEPT
COLLISIONAL EXCITATION TRANSFER TO THE 4 D STATE IN HELIUM
BY MULTIPLE STATE MECHANISM
PHYS REV 128 1744-1753 NOV 1962
OAR ACCESS NO.....000002-002
HY LIN C C
ST JOHN P M
INSTR...AF-AFOSR-0067-07
PROJECT/TASK.....0767/02

AFOSR 67-0002
UNIVERSITY COLLEGE
HARMONIC GENERATION AT MICROWAVE FREQUENCIES
1 SEPTEMBER 1966
OAR ACCESS NO.....010291-003
DDC NUMBER.....A0344489
INSTR...AF-AFOSR-0046-05
PROJECT/TASK.....0767/03

AFOSR 67-0003
FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL HIGHLY
PROCEEDINGS OF THE 1965 CONGRESS INTERNATIONAL FEDERATION
FOR DOCUMENTATION WASHINGTON D C 7-16 OCT 1965 AMERICAN
DOCUMENTATION INSTITUTE VOLUME 11 SPARTAN BOOKS WASHINGTON
OAR ACCESS NO.....017730-002
INSTR...AF-44763H/01561
PROJECT/TASK.....0767/01

AFOSR 67-0004
ANA INC
HYPERSONIC FLOW ON ULUNT DELTA WINGS AT LOW ANGLES OF
ATTACK I. SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION
FINAL REPORT NOV 1966
OAR ACCESS NO.....014440-001
DDC NUMBER.....A0046665
INSTR...AF-49763H/01304
PROJECT/TASK.....0767/01

AFOSR 67-0004
STANFORD UNIVERSITY
MODEL OF THE HIGH-ENERGY PHASE OF SOLAR FLARES
NATURE V211 15050 1966-097 13 AUG 1966
OAR ACCESS NO.....004567-010
DDC NUMBER.....A0045801
INSTR...AF-49763H/01321
PROJECT/TASK.....0767/02

AFOSR 67-0010
STANFORD UNIVERSITY
A MODEL OF QUASI-STEADY STATE RADIATION SOURCES
NATURE V211 15050 1966-097 13 AUG 66
OAR ACCESS NO.....004567-011
DDC NUMBER.....A0045802
INSTR...AF-49763H/01321
PROJECT/TASK.....0767/02

AFOSR 67-0011
UNIVERSITY OF SOUTHERN CALIFORNIA
HOLE TRAPPING AND THE IONIZATION ENERGY OF NATIVE ACCEPTOR
CENTERS IN AGND
J PHYS CHEM SOLIDS V27 PP1773-1784 1966
OAR ACCESS NO.....020100-002
DDC NUMBER.....A0546413
INSTR...AF-AFOSR-0046-05
PROJECT/TASK.....0767/03

AFOSR 67-0012
MILLON INSTITUTE
COMPETITIVE TRAPPING IN SODIUM DISILICATE GLASSES DOPED
WITH TRIVALENT EURONIUM
J PHYS CHEM SOLIDS V27 PP1773-1784 1966
OAR ACCESS NO.....020100-001
DDC NUMBER.....A0546433
INSTR...AF-AFOSR-0046-05
PROJECT/TASK.....0767/01

AFOSR 67-0013
DUKE UNIVERSITY
ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW
TEMPERATURE ON SODIUM SULFIDE AND SODIUM SULFIDE
J CHEM PHYS V45 1751-1758 1 SEP 1966
OAR ACCESS NO.....000274-004
DDC NUMBER.....A0645350
INSTR...AF-AFOSR-0043-00
PROJECT/TASK.....0767/02

AFOSR 67-0014
DUKE UNIVERSITY
ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW
TEMPERATURE ON PH SUG2 AND AS
J CHEM PHYS V45 1751-1758 1 SEP 1966
OAR ACCESS NO.....000274-005
DDC NUMBER.....A0645349
INSTR...AF-AFOSR-0043-00
PROJECT/TASK.....0767/02

AFOSR 67-0015
TEXAS A&M UNIVERSITY
THE INVESTIGATION OF DOUBLE-MINIMUM POTENTIALS IN MOLECULES
J MOL SPECTRY V20 N2 PP107-129 JUN 1966
OAR ACCESS NO.....006911-002
DDC NUMBER.....A0645805
INSTR...AF-AFOSR-0326-03
PROJECT/TASK.....0767/01

AFOSR 67-0016
TEXAS A&M UNIVERSITY
THE SPECTRUM OF HCl SUB2 IN THE VACUUM ULTRAVIOLET
J MOL SPECTRY V20 N3 PP171-225 JUL 66
OAR ACCESS NO.....006911-003
DDC NUMBER.....A0645806
INSTR...AF-AFOSR-0326-03
PROJECT/TASK.....0767/01

AFOSR 67-0017
UNIVERSITY OF MINNESOTA
COLLISIONAL EXCITATION TRANSFER BETWEEN THE 2P1/2 AND 2P3/2
LEVELS IN ALKALI ATOMS
APPL OPT V3 N9 PP1375-1382 SEP 1966
OAR ACCESS NO.....011112-006
DDC NUMBER.....A0645903
INSTR...AF-AFOSR-0361-05
PROJECT/TASK.....0767/02

AFOSR 67-0018
DUKE UNIVERSITY
ADDITION RADICALS FORMED BY HYDROXYL RADICAL DECOMPOSITION OF
UNACIL
SCIENCE V153 N3744 PP1649-1650 30 SEP 66
OAR ACCESS NO.....000274-006
DDC NUMBER.....A0645879
INSTR...AF-AFOSR-0043-00
PROJECT/TASK.....0767/02

AFOSR 67-0019
STANFORD UNIVERSITY
STABILITY OF SUPERFLUID FLOW IN AN ANNULUS
PHYS REV LETTERS V17 N14 PP747-750 3 OCT 1966
OAR ACCESS NO.....001793-008
DDC NUMBER.....A0646166
INSTR...AF-49763H/01384
PROJECT/TASK.....0767/01

AFOSR 67-0019
UNIVERSITY OF CHICAGO
STABILITY OF SUPERFLUID FLOW IN AN ANNULUS
PHYS REV LETTERS V17 N14 PP747-750 OCT 1966
OAR ACCESS NO.....016940-009
DDC NUMBER.....A0646166
INSTR...AF-AFOSR-0785-05
PROJECT/TASK.....0767/01

AFOSR 67-0020
UNIVERSITY COLLEGE
HEAT CHARACTERISTICS OF A GAAS X-RAY-TU-QUANTUM IN LINE
FREQUENCY TRIPLED
ELECTRON LETTERS V2 N10 OCT 1966
OAR ACCESS NO.....012291-008
DDC NUMBER.....A0646200
INSTR...AF-AFOSR-0046-05
PROJECT/TASK.....0767/03

AFOSR 67-0021
TEXAS TECHNOLOGICAL COLLEGE
ION RADICALS & THE FORMATION OF THE PHENOTHIAZINYL RADICAL
BY THE ULTRAVIOLET IRRADIATION OF PHENOTHIAZINE SOLUTIONS
J ORG CHEM V31 PP3345-3346 1966
OAR ACCESS NO.....012292-035
DDC NUMBER.....A0646121
INSTR...AF-AFOSR-0043-00
PROJECT/TASK.....0767/03

AFOSR 67-0022
TEXAS TECHNOLOGICAL COLLEGE
ION RADICALS IN THE REACTIONS OF THIOXANTHENE AND
THIOXANTHENE 10-OXIDE IN SULFURIC ACID
J ORG CHEM V31 PP3147-3146 OCTOBER 1966
DAW ACCESS NO.....019930-002
DOC NUMBER.....AD644421
INSTR...AF-AFOSR-0475-06
PROJECT/TASK.....4762/03

BY SHINE M J
HUGHES L

AFOSR 67-0023
UNIVERSITY OF NOTRE DAME
THE SIZE OF A LONE PAIR OF ELECTRONS EVIDENCE FOR AN AXIAL
T-BUTYL GROUP
J AM CHEM SOC V88 N22 PP349-349 20 NOVEMBER 1966
DAW ACCESS NO.....016090-003
DOC NUMBER.....AD644407
INSTR...AF-AFOSR-0772-05
PROJECT/TASK.....4762/03

BY ELLIS F L
KNUCHER C

AFOSR 67-0024
UNIVERSITY OF CHICAGO
ALTERNATE GRADIENT FOCUSING OF MOLECULAR BEAMS
J CHEM PHYS V45 N4 PP2160-2160 15 SEPTEMBER 1966
DAW ACCESS NO.....017320-001
DOC NUMBER.....AD644408
INSTR...AF-AFOSR-0846-05
PROJECT/TASK.....4710/03

BY AUFBAUGH D
ARMSTRONG E C A
WHARTON L

AFOSR 67-0025
CATHOLIC UNIVERSITY
COLLECTIVE NUCLEAR ORBITAL MODE WITH APPLICATION
TO SUB MICRONIUM STATE
PHYS REV V189 N1 PP762-767 23 SEP 1966
DAW ACCESS NO.....009042-001
DOC NUMBER.....AD644434
INSTR...AF-AFOSR-7500-06
PROJECT/TASK.....4751/02

BY KERNITZ C
LIFRALL M

AFOSR 67-0026
JOHNS HOPKINS UNIVERSITY
SEARCH FOR A BANYON OF POSITIVE STRANGENESS
NUOVO CIMENTO SER A V45 PP24-37 SEP 66
DAW ACCESS NO.....001733-001
DOC NUMBER.....AD646109
INSTR...AF-AFOSR-0234-05
PROJECT/TASK.....4751/01

BY HENSE F
HUNENSTEIN S
COLE J
ELLIS D
GILLESPIE E

AFOSR 67-0027
INSTITUTE FOR ADVANCED STUDY
NONLEPTONIC DECAYS OF HYPERONS
PHYS REV LETTERS V16 N2 PP340-343 26 FEB 1966
DAW ACCESS NO.....007703-005
DOC NUMBER.....AD645007
INSTR...AF-AFOSR-0042-05
PROJECT/TASK.....4751/01

BY HARA Y
NANDU Y
SCHLICHTER J

AFOSR 67-0029
OHIO STATE UNIVERSITY
THE REACTION OF CYCLOPHOPYL KETONES WITH PHOSPHORUS
PENTACHLORIDE
J ORG CHEM V31 PP1374-1383 MAY 1966
DAW ACCESS NO.....010521-005
DOC NUMBER.....AD645103
INSTR...AF-AFOSR-0509-04
PROJECT/TASK.....4762/02

BY NEWMAN M S
KAUGANS G

AFOSR 67-0030
OHIO STATE UNIVERSITY
REACTIONS OF ACETYLENIC KETONES AND AN ALKYNOL WITH
PHOSPHORUS PENTACHLORIDE
J ORG CHEM V31 PP3861-3862 1966
DAW ACCESS NO.....010521-006
DOC NUMBER.....AD645103
INSTR...AF-AFOSR-0509-04
PROJECT/TASK.....4762/02

BY NEWMAN M S
NEWMAN B C

AFOSR 67-0031
OREGON STATE UNIVERSITY
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFONYL SULFON II
CONCOMITANT ELECTROPHILIC AND NUCLEOPHILIC CATALYSIS OF THE
SOLVOLYSIS OF AMYL SULFONYL SULFONATE IN ACETIC ACID-WATER
J AM CHEM SOC V88 N22 PP5236-5241 20 NOV 1966
DAW ACCESS NO.....011821-004
DOC NUMBER.....AD645709
INSTR...AF-AFOSR-0130-05
PROJECT/TASK.....4762/03

BY RICE J L
GUARALDI G

AFOSR 67-0032
UNIVERSITY OF MICHIGAN
PHOTON STATISTICS AND CLASSICAL FIELDS
PHYS REV V144 N4 PP1031-1037 30 SEP 1966
DAW ACCESS NO.....018010-002
DOC NUMBER.....AD645717
INSTR...AF-AFOSR-0470-03
PROJECT/TASK.....4762/02

BY MANDEL L
WILKIN

AFOSR 67-0033
YOSHIVA UNIVERSITY
QUANTUM-MECHANICAL EXTENSION OF THE LEHENDITZ-PENROSE
THEOREM ON THE VAN DER WAALS THEORY
MATH PHYS V7 N6 PP1016-1024 JUN 66
DAW ACCESS NO.....005833-003
DOC NUMBER.....AD646007
INSTR...AF-AFOSR-0508-06
PROJECT/TASK.....4767/01

BY LIEB E

AFOSR 67-0034
CALIFORNIA INSTITUTE OF TECHNOLOGY
COLOR ANOMALIES AND METAL DEFICIENCIES IN SOLAR-TYPE DISK-
POPULATION STARS
ASTROPHYS J V145 N3 PP742-758 SEP 66
DAW ACCESS NO.....000581-0.2
DOC NUMBER.....AD646107
INSTR...AF-AFOSR-0132-03
PROJECT/TASK.....4774/01

BY CUNTE P S
DUFESCH A J

AFOSR 67-0035
PUNJANA COLLEGE
APPLICATION OF MULTILAYER ANALYZERS TO 15-150 A
FLUORESCENCE SPECTROSCOPY FOR CHEMICAL AND VALENCE BAND
ANALYSIS
ADVAN X-RAY ANAL V9 PP440-440 1966
DAW ACCESS NO.....002143-003
DOC NUMBER.....AD646107
INSTR...AF-AFOSR-0089-04
PROJECT/TASK.....4767/01

BY MENKE B L

AFOSR 67-0036
THE UNIVERSITY OF GLASGOW
STUDIES IN RING EXPANSION FINAL REPORT DEC 1966
DAW ACCESS NO.....012020-001
DOC NUMBER.....AD646108
INSTR...AF-AFOSR-0036-03
PROJECT/TASK.....4762/02

BY MCHANNAN G L
LAWSON A M
MCCRAE J M

AFOSR 67-0037
BATTELLE MEMORIAL INSTITUTE
SURFACE AND GRAIN-BOUNDARY DIFFUSION OF GOLD-COPPER
J APPL PHYS V37 N10 PP3650-3659 SEP 1966
DAW ACCESS NO.....009241-000
DOC NUMBER.....AD645847
INSTR...AF-AFOSR-0262-03
PROJECT/TASK.....4761/03

BY AUSTIN A E
REICHARD M A
WILCOX K

AFOSR 67-0038
UNIVERSITY OF CALIFORNIA
TRANSMISSION ULTRASONIC ATTENUATION IN GAPLESS
SUPERCONDUCTORS
PHYS REV V146 N1 PP370-375 5 AUG 1966
DAW ACCESS NO.....001461-028
DOC NUMBER.....AD645844
INSTR...AF-AFOSR-0610-04
PROJECT/TASK.....4761/01

BY MAKI K

AFOSR 67-0039
UNIVERSITY OF CALIFORNIA
TOMASCH EFFECT AS A PROBE OF THE DISPERSION RELATION OF
ELECTRONS IN GAPLESS SUPERCONDUCTORS
PHYS REV V150 N1 PP346-360 7 OCT 1965
DAW ACCESS NO.....008461-025
DOC NUMBER.....AD645846
INSTR...AF-AFOSR-0610-04
PROJECT/TASK.....4761/01

BY MAKI K
CRISTEN A

AFOSR 67-0040
UNIVERSITY OF CALIFORNIA
EFFECT OF PAULI PARAMAGNETISM ON MAGNETIC PROPERTIES OF
HIGH-CFIELD SUPERCONDUCTORS
PHYS REV V146 N1 PP362-367 5 AUG 1966
DAW ACCESS NO.....008461-029
DOC NUMBER.....AD645848
INSTR...AF-AFOSR-0610-04
PROJECT/TASK.....4761/01

BY MAKI K

AFOSR 67-0041
UNIVERSITY OF CHICAGO
THEORETICAL AND EXPERIMENTAL STUDIES IN CHEMICAL PHYSICS
FINAL REPORT NOV 1966
DAW ACCESS NO.....016060-018
DOC NUMBER.....AD645485
INSTR...AF-AFOSR-0781-05
PROJECT/TASK.....4760/01

BY WILKIN S A

AFOSR 67-0042
PENNSYLVANIA STATE UNIVERSITY
CHEMICAL PROPERTIES OF LABILE SPECIES FINAL REPORT JAN 1967
DAW ACCESS NO.....010210-004
DOC NUMBER.....AD645538
INSTR...AF-AFOSR-0052-02
PROJECT/TASK.....4760/01

BY SKELL P S

AFOSR 67-0045
MELLEN INSTITUTE
THERMOHYDRAULICS AND WAVE PROPAGATION
QUANT APPL MATH V24 N3 PP257-262 OCT 66
BY COLEMAN R D
GUNTIN W F
OAR ACCESS NO.....015270-006
DOC NUMBER.....AD6461A8
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9749/01

AFOSR 67-0046
UNIVERSITY OF SOUTHERN CALIFORNIA
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A
BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
J SIAM CONTROL V4 N3 PP505-527 1966
BY NEUSTADT L B
OAR ACCESS NO.....019740-002
DOC NUMBER.....AD6461A5
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9749/01

AFOSR 67-0047
UNIVERSITY OF CALIFORNIA
MATRICES WITH ZERO TRACE
ISRAEL J MATH V4 N1 PP33-42 MAR 66
BY THOMPSON P C
OAR ACCESS NO.....014930-015
DOC NUMBER.....AD6461A6
INSTR...AF-AFOSR-0694-65
PROJECT/TASK.....9749/01

AFOSR 67-0048
UNIVERSITY OF CHICAGO
ELECTRON DRIFT VELOCITIES IN LIQUEFIED ARGON AND KRYPTON AT
LOW ELECTRIC FIELD STRENGTHS
PHYS REV V160 N1 PP127-145 7 OCT 1966
BY SCHNYDERMAN H
RICE S A
NEVER L
OAR ACCESS NO.....015060-019
DOC NUMBER.....AD6461A9
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9760/01

AFOSR 67-0049
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOMETHYL-METAL COMPOUNDS VII THE REACTION OF PHENYL
/CHROMODICHLOROMETHYL MERCURY WITH CARBOXYLIC ACIDS
J AM CHEM SOC V88 N20 PP4072-4076 20 OCT 1966
BY SEYFCHIN D
MUI J Y
OAR ACCESS NO.....014231-005
DOC NUMBER.....AD6461A4
INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9762/02

AFOSR 67-0051
PENNSYLVANIA STATE UNIVERSITY
FLUX GROWTH AND CHARACTERIZATION OF BETA GALLIUM SESQUI
OXIDE SINGLE CRYSTALS
J AM CERAM SOC V49 N3 PP168-169 MAR 66
BY RUSTUM R
KATZ G
OAR ACCESS NO.....007481-004
DOC NUMBER.....AD6461A3
INSTR...AF-AFOSR-0208-63
PROJECT/TASK.....9761/02

AFOSR 67-0052
UNIVERSITY OF MINNESOTA
PARAMAGNETIC RESONANCES OF COPPER II IN MAGNESIUM OXIDE AT 1
2 DEGREES POTASSIUM
PHYS LETTERS V21 N4 PP301-383 JUNE 66
BY COFFMAN R F
OAR ACCESS NO.....008452-007
DOC NUMBER.....AD6461A2
INSTR...AF-AFOSR-0209-63
PROJECT/TASK.....9763/02

AFOSR 67-0053
UNIVERSITY OF CALIFORNIA
ON THE EFFECT OF MAGNETIC MICROSTRUCTURES WITH CHARGED
PARTICLES
PHYS LETTERS V22 N5 PP564-566 SEP 66
BY WOHLEBEN D
OAR ACCESS NO.....014830-042
DOC NUMBER.....AD6461A3
INSTR...AF-AFOSR-0631-64
PROJECT/TASK.....9763/02

AFOSR 67-0054
BELL AEROSYSTEMS COMPANY
NONLINEAR PREPROCESSING OF INPUTS TO LINEAR NEURAL NETS
9500-920059 OCT 1966
BY GOERNER J G
GERHAARD L A
POWELL F D
OAR ACCESS NO.....015341-001
DOC NUMBER.....AD6461A9
INSTR...AF-AFOSR-0638/01627
PROJECT/TASK.....9769/04

AFOSR 67-0055
RUTGERS UNIVERSITY
NUCLEAR MAGNETIC RESONANCE LOCAL-MAGNETIC-FIELD SHIFT IN
SOLID XENON
PHYS REV V150 N1 PP180-185 OCT 66
BY MORTON G K
LURIE J
FELDMAN J L
OAR ACCESS NO.....010301-003
DOC NUMBER.....AD6461A4
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9761/01

AFOSR 67-0056
THE UNIVERSITY OF CHICAGO
SELF-DIFFUSION IN TIN AT HIGH PRESSURE
PROC INTERN CONF PHYS SOLIDS HIGH PRESSURES 1ST TUCSON
ARIZONA 20-23 APR 1963
BY NACHTRIEB N H
COSTON C
OAR ACCESS NO.....010581-001
DOC NUMBER.....AD6461A9
INSTR...AF-AFOSR-0600-64
PROJECT/TASK.....9761/03

AFOSR 67-0057
RUTGERS UNIVERSITY
THE NMR LOCAL MAGNETIC FIELD SHIFT IN SOLID KRYPTON
PHYS LETTERS V22 N5 PP560-562 SEP 66
BY MORTON G K
LURIE J
OAR ACCESS NO.....010301-004
DOC NUMBER.....AD6461A5
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9761/01

AFOSR 67-0058
UNIVERSITY OF CALIFORNIA
DYNAMICS AT INFINITE MOMENTUM
PHYS REV V150 N4 PP1313-1318 1966
BY WEINBERG S
OAR ACCESS NO.....005134-004
DOC NUMBER.....AD6461A9
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9761/01

AFOSR 67-0059
UNIVERSITY OF CALIFORNIA
CURRENT-COMMUTATOR CALCULATION OF THE K SUME4 FORM FACTORS
PHYS REV LETTERS V17 N6 PP336-340 1966
BY WEINBERG S
OAR ACCESS NO.....005134-005
DOC NUMBER.....AD6461A10
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9761/01

AFOSR 67-0060
UNIVERSITY OF CAMBRIDGE
SPIN AND STATISTICS IN S-MATRIX THEORY
NUOVO CIMENTO SER X V45 PP205-218 SEP 66
BY LU E Y C
OLIVE D I
OAR ACCESS NO.....013011-007
DOC NUMBER.....AD6461A2
INSTR...AF-AFOSR-0036-65
PROJECT/TASK.....9761/01

AFOSR 67-0062
UNIVERSITY OF NEW SOUTH WALES
POSITRONIUM FORMATION AND REACTIONS
ENDEAVOUR V25 N96 PP16-20 JAN 66
BY GREEN J H
OAR ACCESS NO.....011221-001
DOC NUMBER.....AD6461A2
INSTR...AF-AFOSR-0961-65
PROJECT/TASK.....9767/01

AFOSR 67-0063
UNIVERSITY OF FLORIDA
DEGENERACY OF CYCLOTRON MOTION
J MATH PHYS V7 N6 PP1401-1412 AUG 1966
BY DULOCK A
MCINTOSH H V
OAR ACCESS NO.....014140-002
DOC NUMBER.....AD6461A3
INSTR...AF-AFOSR-0471-64
PROJECT/TASK.....9767/01

AFOSR 67-0064
UNIVERSITY OF MINNESOTA
THE METHOD OF WEIGHTED RESIDUALS-A REVIEW
APPL MECH REV V19 N9 PP735-748 SEP 1966
BY FINLAYSON B A
SCRIVEN L E
OAR ACCESS NO.....013340-003
DOC NUMBER.....AD6461A2
INSTR...AF-AFOSR-0219-63
PROJECT/TASK.....9767/01

AFOSR 67-0065
UNIVERSITY COLLEGE
LASER AND MICROWAVE INTERFEROMETRIC STUDY OF RECOMBINATION
IN A HIGHLY IONIZED HELIUM PLASMA
ELECTRON LETTERS V2 N4 PP157-158 APR 66
BY NEWTON A A
QUINN J M P
SEXTON W C
OAR ACCESS NO.....012291-005
DOC NUMBER.....AD6461A2
INSTR...AF-AFOSR-0046-65
PROJECT/TASK.....9767/03

AFOSR 67-0066
UNIVERSITE LIBRE DE BRUXELLES
FINITE-TEMPERATURE TRANSPORT PROPERTIES OF NORMAL FERMION
SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE
MODEL
PHYS REV V143 N1 PP110-121 4 MAR 66
BY WATABE N
DAGDANIER R
OAR ACCESS NO.....002083-003
DOC NUMBER.....AD6461A3
INSTR...AF-AFOSR-0052-64
PROJECT/TASK.....9767/01

AFOSR 67-0067
AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON INC
APPROACH TO THE N-BODY PROBLEM WITH HARD SPHERE
INTERACTION APPLIED TO THE COLLISION DUMPLINS OF THREE
BODIES
PHYS REV V150 N1 PP92-100 7 OCT 1966
BY SANDRI G
KRITZ A H
OAR ACCESS NO.....010541-003
DOC NUMBER.....AD645P09
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9783/02

AFOSR 67-0068
DUKE UNIVERSITY
INTERACTION OF HYDROGEN ATOMS AND HYDROXYL RADICALS WITH
S-HALOGEN URACILS
PROC NATL ACAD SCI V56 N5 PP1384-1389 NOV 1966
BY HERAK J N
GORDY W
OAR ACCESS NO.....000274-007
DOC NUMBER.....AD645508
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 67-0069
OXFORD UNIVERSITY
GIANT PULSE LASER ACTION AT 77 DEGREE K
PROC IEEE V54 N8 PP1122-1123 AUG 1966
BY WILLIAMSON R
WALSH O
OAR ACCESS NO.....000103-003
DOC NUMBER.....AD645894
INSTR...AF-EDAR -0037-65
PROJECT/TASK.....9774/01

AFOSR 67-0070
UNIVERSITY OF CAMBRIDGE
EXTRACTION OF SINGULARITIES FROM THE S MATRIX
J MATH PHYS V7 N8 PP1464-1477 AUG 66
BY LANDSHOFF P V
OLIVE D I
OAR ACCESS NO.....013010-051
DOC NUMBER.....AD645845
INSTR...AF-EDAR -0079-63
PROJECT/TASK.....9750/01

AFOSR 67-0071
UNIVERSITY OF CAMBRIDGE
A CURRENT ALGEBRA RELATION BETWEEN PCAC AND VECTOR MESON
DOMINANCE
NUOVO CIMENTO SER X V45 PP640-695 OCT 66
BY RENNER B
OAR ACCESS NO.....013010-052
DOC NUMBER.....AD645894
INSTR...AF-EDAR -0079-63
PROJECT/TASK.....9750/01

AFOSR 67-0072
UNIVERSITY OF CAMBRIDGE
NORMAL THRESHOLD BEHAVIOUR IN THE PRESENCE OF ANOMALOUS
THRESHOLDS
NUOVO CIMENTO SER X V45 PP706-711 OCT 66
BY BOYLING J R
OAR ACCESS NO.....013010-053
DOC NUMBER.....AD645865
INSTR...AF-EDAR -0079-63
PROJECT/TASK.....9750/01

AFOSR 67-0073
UNIVERSITY OF COLORADO
THE EFFECTS OF CONTEXT AND OF RATERS' ATTITUDES ON
JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL
GROUP
J PERSONALITY SOCIAL PSYCHOL V4 N3 PP280-288 1966
BY EDRICH H
SELLTIZ C
COOK S W
OAR ACCESS NO.....013732-003
DOC NUMBER.....AD645868
INSTR...AF-AFOSR-0430-66
PROJECT/TASK.....9778/02

AFOSR 67-0074
OREGON STATE UNIVERSITY
MECHANISMS OF SUBSTITUTION REACTIONS SULFINYL SULFON
SULFOLYSIS OF ARYL SULFINYL SULFONES IN ACETIC ACID-WATER
J ORG CHEM V31 PP3568-3572 NOV 1966
BY KICE J L
GUARALDI G
OAR ACCESS NO.....011821-005
DOC NUMBER.....AD645410
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9762/03

AFOSR 67-0075
OREGON STATE UNIVERSITY
THE MECHANISM OF THE DISPROPORTIONATION OF SULFINIC ACIDS
RATE AND EQUILIBRIUM CONSTANTS FOR THE SULFINIC ACID-
SULFINYL SULFONE SULFINIC ANHYDRIDE EQUILIBRIUM
J ORG CHEM V31 PP3561-3567 NOV 1966
BY KICE J L
GUARALDI G
VENIER C G
OAR ACCESS NO.....011821-006
DOC NUMBER.....AD645843
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9762/02

AFOSR 67-0076
DUKE UNIVERSITY
MICROWAVE SPECTROSCOPY IN THE REGION OF 4-0.4 MILLIMETRES
J PURE APPL CHEM V11 PP403-434 1965
BY GONDY W
OAR ACCESS NO.....000274-008
DOC NUMBER.....AD646182
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 67-0077
NEW YORK UNIVERSITY
MOTION AND DECAY OF A VORTEX RING
PHYS FLUIDS V10 N5 PP901-910 MAY 1967
BY TUNG C
TING L
OAR ACCESS NO.....021860-001
DOC NUMBER.....AD647042
INSTR...AF-AFOSR-1062-66
PROJECT/TASK.....9781/01

AFOSR 67-0078
HOWARD UNIVERSITY
TRANSFER OF TECHNOLOGY TO DEVELOPING COUNTRIES
PAPERS AND PROC CONF WARRENTON VIRGINIA 28-30 APRIL 1966
BY SPENCER O L
WORDENIAK A
OAR ACCESS NO.....014621-001
DOC NUMBER.....AD645594
INSTR...AF-AFOSR-0533-66
PROJECT/TASK.....9779/02

AFOSR 67-0082
BATTELLE MEMORIAL INSTITUTE
DOPPLER BROADENING INTEGRALS
MATH COMPUTATION V20 A96 PP610-611 OCT 1966
BY WOOD V E
KENAN R P
GLASSER M L
OAR ACCESS NO.....012200-007
DOC NUMBER.....AD645882
INSTR...AF-AFOSR-0260-63
PROJECT/TASK.....9761/01

AFOSR 67-0083
BATTELLE MEMORIAL INSTITUTE
FIELD DEPENDENCE OF THE KNIGHT SHIFT IN SIMPLE METALS
PHYS LETTERS V22 N3 PP274-275 AUG 1966
BY GLASSER M L
OAR ACCESS NO.....012201-002
DOC NUMBER.....AD646198
INSTR...AF-AFOSR-0260-66
PROJECT/TASK.....9761/01

AFOSR 67-0084
UNIVERSITY OF DELAWARE
SELF-DIFFUSION ON NEARLY PURE METALLIC SURFACES
FUNDAMENTAL PHENOMENA IN THE MATERIALS SCIENCES V3 SURFACE
PHENOMENA PP133-151 PLENUM PRESS 1966
BY BIRCHENALL C E
WILLIAMS J M
OAR ACCESS NO.....006942-001
DOC NUMBER.....AD645621
INSTR...AF-AFOSR-01443
PROJECT/TASK.....9761/03

AFOSR 67-0085
BATTELLE MEMORIAL INSTITUTE
MAGNETIC FIELD DEPENDENCE OF THE KNIGHT SHIFT
PHYS REV V150 N1 PP234-242 7 OCT 1966
BY GLASSER M L
OAR ACCESS NO.....012201-003
DOC NUMBER.....AD646396
INSTR...AF-AFOSR-0260-66
PROJECT/TASK.....9761/01

AFOSR 67-0087
OHIO STATE UNIVERSITY
THE KINETICS OF INVERSION OF 2-METHYLBUTYL MAGNESIUM BROMIDE
AND RELATED COMPOUNDS
J AM CHEM SOC V88 N5 PP979-985 5 MAR 1966
BY FRAENKEL G
DIR D T
OAR ACCESS NO.....013000-003
DOC NUMBER.....AD646125
INSTR...AF-AFOSR-0251-63
PROJECT/TASK.....9762/03

AFOSR 67-0088
COLUMBIA UNIVERSITY
GALACTIC MAGNETIC FIELDS
PROC SOLVAY CONF PHYS PROBLEMS DYNAMICS GALAXIES BRUSSELS
13TH 1966 THE STRUCTURE AND EVOLUTION OF GALAXIES
INTERSCIENCE PUBL PP30-41 1965
BY WOLTJER L
OAR ACCESS NO.....019290-005
DOC NUMBER.....AD645704
INSTR...AF-AFOSR-01358
PROJECT/TASK.....9774/01

AFOSR 67-0089
UNIVERSITY OF BRITISH COLUMBIA
REACTIONS IN FROZEN SOLUTIONS VI THE REACTION OF ETHYLENE
CHLOROHYDRIN WITH HYDROXYL ION IN ICE
J AM CHEM SOC V88 N19 PP4455-4459 5 OCT 1966
BY PINCOCK R E
KIOVSKY T E
OAR ACCESS NO.....020710-001
DOC NUMBER.....AD646338
INSTR...AF-AFOSR-1102-66
PROJECT/TASK.....9762/03

AFOSR 67-0090
UNIVERSITY OF BRITISH COLUMBIA
KINETICS OF REACTIONS IN FROZEN SOLUTIONS DEMONSTRATION OF
A REACTION IN FROZEN AQUEOUS SOLUTIONS
J CHEM EDUC V43 N7 PP358-362 JULY 1966
BY PINCOCK R E
KIOVSKY T E
OAR ACCESS NO.....020710-002
DOC NUMBER.....AD646339
INSTR...AF-AFOSR-1102-66
PROJECT/TASK.....9762/03

AFOSR 67-0091
UNIVERSITY OF BRITISH COLUMBIA
THE MUTAGENICITY OF GLUCOSE IN PHOTON AQUEOUS SOLUTIONS
J AM CHEM SOC V88 N20 PP4704-4710 20 OCT 1966
BY PINCOCK W E
KIDOVSKY T F
DAR ACCESS NO.....020710-001
DOC NUMBER.....A0646140
INSTN...AF-AFOSR-1102-66
PROJECT/TASK.....9762/03

AFOSR 67-0092
UNIVERSITY OF CHICAGO
PSEUDOPOTENTIAL THEORY OF ATOMIC AND MOLECULAR HYDRATING
STATES
J CHEM PHYS V45 N4 PP3004-3014 15 OCT 1966
BY HAZI A U
RICE S A
DAR ACCESS NO.....015060-020
DOC NUMBER.....A0645920
INSTN...AF-AFOSR-0781-65
PROJECT/TASK.....9760/01

AFOSR 67-0093
UNIVERSITY OF CHICAGO
THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS II THE
TRIPLET STATES OF THE PARACYCLOPHANES
J CHEM PHYS V45 N4 PP3015-3021 15 OCT 1966
BY HILLIER I H
GLASS L
RICE S A
DAR ACCESS NO.....015060-021
DOC NUMBER.....A0645923
INSTN...AF-AFOSR-0781-65
PROJECT/TASK.....9760/01

AFOSR 67-0094
CALIFORNIA INSTITUTE OF TECHNOLOGY
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION
II STERIC HINDERANCE TO ENERGY TRANSFER
J AM CHEM SOC V88 N21 PP4777-4780 8 NOV 1966
BY HEKSTROETER W G
JONES L B
HAMMOND G S
DAR ACCESS NO.....015080-003
DOC NUMBER.....A0645708
INSTN...AF-AFOSR-0714-65
PROJECT/TASK.....9762/01

AFOSR 67-0095
CALIFORNIA INSTITUTE OF TECHNOLOGY
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION STUDY OF
ENERGY TRANSFER BY KINETIC SPECTROPHOTOMETRY
J AM CHEM SOC V88 N21 PP4764-4777 5 NOV 1966
BY HEKSTROETER W G
HAMMOND G S
DAR ACCESS NO.....015080-004
DOC NUMBER.....A0645736
INSTN...AF-AFOSR-0714-65
PROJECT/TASK.....9762/01

AFOSR 67-0097
STOCKHOLM UNIVERSITY
NEURAL MECHANISMS INVOLVED IN INSTINCTIVE BEHAVIOR
FINAL REPORT NOV 1966
BY FARNICIUS E
DAR ACCESS NO.....004343-001
DOC NUMBER.....A0645298
INSTN...AF-EGAR-0030-65
PROJECT/TASK.....9777/01

AFOSR 67-0098
INSTITUTO NACIONAL DE TECNICA AERONAUTICA
DIFFUSION FLAMES AND SUPERSONIC COMBUSTION
FINAL REPORT OCT 1966
BY DA-RIVA I
FAGA E
LINAN A
URRUTIA J I
DAR ACCESS NO.....013542-001
DOC NUMBER.....A0645163
INSTN...AF-EGAR-0030-65
PROJECT/TASK.....9711/01

AFOSR 67-0099
UNIVERSITY OF BOMF
NEUROPHYSIOLOGICAL AND NEUROPHARMACOLOGICAL STUDIES OF
CORTICAL EVOKED RESPONSES FINAL REPORT JUNE 1966
BY HICCI G C
DAR ACCESS NO.....012224-002
DOC NUMBER.....A0645152
INSTN...AF-EGAR-0040-64
PROJECT/TASK.....9777/01

AFOSR 67-0101
UNIVERSITY OF MICHIGAN
COMPARISON OF THE HOLTS OF THE SUBTHALAMUS AND ON VARIOUS
BULBO-MESENCEPHALIC STRUCTURES IN THE MAINTENANCE OF
VIGILANCE REFERENCE
ELECTROENCEPHALIC CLIN NEUROPHYSIOL V20 PP144-164 1966
BY NAQUET M
DENAVIT M
ALME-FESSARD O
DAR ACCESS NO.....004272-006
DOC NUMBER.....A0644113
INSTN...AF-EGAR-0013-63
PROJECT/TASK.....9777/01

AFOSR 67-0102
UNIVERSITY OF MINNESOTA
SUPERCONDUCTING CRITICAL TEMPERATURES OF NONSTOICHIOMETRIC
TRANSITION METAL CARBIDES AND NITRIDES
ACTA MET V14 PP1403-1408 1966
BY TOTH L F
WANG C P
YEN C W
DAR ACCESS NO.....020430-002
DOC NUMBER.....A0645523
INSTN...AF-AFOSR-1012-66
PROJECT/TASK.....9761/02

AFOSR 67-0103
UNIVERSITY OF MINNESOTA
SUPERCONDUCTING CRITICAL FIELDS CURRENTS AND TEMPERATURES
IN THE Nb-Zr-N TERNARY SYSTEM
J PHYS CHEM SOLIDS V27 PP1815-1819 1966
BY TOTH L F
YEN C W
HOSNER L G
ANDERSON O E
DAR ACCESS NO.....020530-003
DOC NUMBER.....A0645626
INSTN...AF-AFOSR-1012-66
PROJECT/TASK.....9763/02

AFOSR 67-0104
UNIVERSITY OF CALIFORNIA
LONG RANGE SPIN-POLARIZATION IN THE KONOVO EFFECT
SOLID STATE COMMUN V4 N10 PP487-489 1966
BY SUHL H
DAR ACCESS NO.....004461-027
DOC NUMBER.....A0645849
INSTN...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-0105
UNIVERSITY OF LUND
LOCALIZATION OF MONOAMINOERGIC NEURONS IN THE CENTRAL
NERVOUS SYSTEM OF ASTACEA ASTACEA LINEA CRUSTACEA/
Z ZELLFORSCH V74 PP464-473 1966
BY ELOFSSON H
RAUMI T
NIELSEN S H
STENQVIST J O
DAR ACCESS NO.....014341-013
DOC NUMBER.....A0646014
INSTN...AF-EGAR-0014-66
PROJECT/TASK.....9777/01

AFOSR 67-0107
UNIVERSITY OF ILLINOIS
A DISTORTION ANALYSIS OF THE MOS TRANSISTOR
SECOND PRUD SOLID STATE TECH PP39-44 NOV 1966
BY PREITER H F
SAM C T
DAR ACCESS NO.....003412-010
DOC NUMBER.....A0646411
INSTN...AF-AFOSR-0714-65
PROJECT/TASK.....9762/02

AFOSR 67-0108
YESHIVA UNIVERSITY
ANOMALY IN SPIN-WAVE SPECTRUM OF MAGNETIC METALS
PHYS REV V151 N1 PP274-279 8 NOV 1966
BY WATTIS D C
DAR ACCESS NO.....021260-003
DOC NUMBER.....A0646408
INSTN...AF-AFOSR-1075-66
PROJECT/TASK.....9761/01

AFOSR 67-0109
CALIFORNIA INSTITUTE OF TECHNOLOGY
CONJUGATED DIENES AS QUENCHERS FOR EXCITED SINGLET STATES
OF AROMATIC HYDROCARBONS
J AM CHEM SOC V88 PP3665-3666 1966
BY STEPHENSON L W
WHITEN D G
VOSLEY G F
HAMMOND G S
DAR ACCESS NO.....015080-005
DOC NUMBER.....A0645812
INSTN...AF-AFOSR-0714-65
PROJECT/TASK.....9752/01

AFOSR 67-0110
UNIVERSITY OF GLASGOW
BRIDGED WINGS PART XI A NOVEL FRAGMENTATION
TRIMETHYLOXIDE LETTERS N43 PP5303-5306 1966
BY GUCHANAN G L
FERGUSON G
LAWSON A M
POLLARD D W
DAR ACCESS NO.....012620-002
DOC NUMBER.....A0645943
INSTN...AF-EGAR-0030-63
PROJECT/TASK.....9762/02

AFOSR 67-0111
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOETHYL-METAL COMPOUNDS VI PHENYL FORMALDEHYDE/ MERCURY
COMPOUNDS THEIR PREPARATION AND SOME CLEAVAGE REACTIONS
J ORGANOMETAL CHEM V6 PP308-315 1966
BY SEYFERTH D
SIMMONS M D JR
DAR ACCESS NO.....014231-006
DOC NUMBER.....A0646416
INSTN...AF-AFOSR-0502-66
PROJECT/TASK.....9762/01

AFOSR 67-0112
KARLSRUHE INSTITUT FÜR
KATHEMATIK IN NEURON AND ORGAN GRANULES
MECHANISM RELEASE BIOGENIC AMINES FROM INTRINSEMIC-GLYCO
CYME STOCKHOLM FEBRUARY 1966 PP211-220 1966
BY VAN FULCH U S
DAR ACCESS NO.....005723-013
DOC NUMBER.....A0646164
INSTN...AF-EGAR-0052-65
PROJECT/TASK.....9777/01

AFOSR 67-0113
UNIVERSITY OF MICHIGAN
HULL OF TWO THALAMIC NUCLEI IN ENVIRONMENTAL CONDITIONING
IN THE RAT CEREBRA
NEUROPSYCHOL V4 PP101-112 1966
BY DELACOUR J
ALME-FESSARD O
LEHMAN S
DAR ACCESS NO.....004273-003
DOC NUMBER.....A0646103
INSTN...AF-EGAR-0038-65
PROJECT/TASK.....9777/01

AFOSR 67-0115
UNIVERSITY OF MINNESOTA
QUADRATIC CONSTANTS OF THE MOTION FOR THE CLASSICAL
HARMONIC OSCILLATOR
AM J PHYS V44 N10 PP663-973 1966
BY BRAGG L E
TURNER L N
OAR ACCESS NO.....017J10-010
ODC NUMBER.....AD645898
INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02

AFOSR 67-0116
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXAMPLES OF DIFFERENTIAL TOPOLOGY WITH SINGULARITIES
COERHANS
INVENTIONS PATH V2 PPI-14 1966
BY BRIENKORN E
OAR ACCESS NO.....000451-011
ODC NUMBER.....AD646110
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-0117
OREGON STATE UNIVERSITY
MECHANISMS OF SUBSTITUTION AT SULFINYL SULFUR III THE
RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD
SULFINYL SULFUR
TETRAHEDRON LETTERS N4V PP6135-6139 1966
BY KICE J L
GUARALDI G
OAR ACCESS NO.....011621-007
ODC NUMBER.....AD645911
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9764/03

AFOSR 67-0118
UNIVERSITY OF PISA
REMARKS ON INTEGRAL INEQUALITIES ON COMPLEX MANIFOLDS
ANN SCUDLA NORM SUPER PISA SER3 V20 N3 PP596-611 1966
BY VESENTINI E
OAR ACCESS NO.....016790-007
ODC NUMBER.....AD645900
INSTR...AF-EDAR -0042-65
PROJECT/TASK.....9749/02

AFOSR 67-0119
HARVARD UNIVERSITY
CLASSICAL BEHAVIOR OF SYSTEMS OF QUANTUM OSCILLATORS
PHYS LETTERS V21 N6 PP650-652 JULY 1966
BY LAUBER H J
OAR ACCESS NO.....004161-024
ODC NUMBER.....AD645716
INSTR...AF-49/638/0130
PROJECT/TASK.....9751/01

AFOSR 67-0120
BOSTON UNIVERSITY
EFFECTIVE DELTA I EQUALS ONE HALF RULE IN THE THREE-PION
DECAYS OF KAONS
NUOVO CIMENTO SEKK V44 PP1210-1218 AUG 1966
BY ROMAN P
YUN S K
OAR ACCESS NO.....011362-008
ODC NUMBER.....AD645913
INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-0121
HARVARD UNIVERSITY
SOME REMARKS ON THE FIELD THEORY FOR HIGHER SPIN
PHYS REV LETTERS V17 N17 PP1024-1027 7 NOV 1966
BY SHAU-JIN C
OAR ACCESS NO.....004861-025
ODC NUMBER.....AD645797
INSTR...AF-49/638/0130
PROJECT/TASK.....9751/01

AFOSR 67-0122
HARVARD UNIVERSITY
MAGNETICALLY CHARGED FIELDS WITH INTEGER SPIN
PHYS REV V150 N4 PP1349-1351 OCT 1966
BY YAN T M
OAR ACCESS NO.....004861-026
ODC NUMBER.....AD645798
INSTR...AF-49/638/0130
PROJECT/TASK.....9751/01

AFOSR 67-0123
GENERAL PRECISION INC
BIRKHOFF NORMALIZATION PROCESS PROGRAM FOR TIME-INDEPENDENT
HAMILTONIAN SYSTEMS
BY CHAI B A
KASS S
OAR ACCESS NO.....010451-002
ODC NUMBER.....AD647194
INSTR...AF-60/638/0140
PROJECT/TASK.....9749/01

AFOSR 67-0124
NEW YORK UNIVERSITY
CONSTRUCTION OF STEADY-STATE HYDROMAGNETIC DYNAMICS I
SPATIALLY PERIODIC FIELDS
MF-53 1.5 MARCH 1967
BY CHILDRESS S
OAR ACCESS NO.....004274-001
INSTR...AF-AFOSR-0015-67
PROJECT/TASK.....9749/01

AFOSR 67-0125
BOSTON UNIVERSITY
TWO-PION DECAYS OF KAONS IN A NOVEL APPROACH TO NONLEPTONIC
WFAK PROCESSES
NUOVO CIMENTO SEKK V44 PP1110-1119 21 AUG 1966
BY ROMAN P
YUN S K
OAR ACCESS NO.....011362-009
ODC NUMBER.....AD645912
INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-0126
UNIVERSITY OF MARYLAND
SUPERCONDUCTIVITY IN A STRONG SPIN-EXCHANGE FIELD
PHYS REV V138 N3A PP460-4603 3 AUG 1966
BY FENHILL R A
FULDE P
OAR ACCESS NO.....003333-013
ODC NUMBER.....AD646170
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9751/01

AFOSR 67-0127
UNIVERSITY OF TORONTO
DISTORTION OF A SHOCK WAVE TRAVERSED BY A VORTEX
UTIAS TECH NOTE 96 JAN 1967
BY FILGAS L T
OAR ACCESS NO.....001054-003
ODC NUMBER.....AD645759
INSTR...AF-AFOSR-0672-64
PROJECT/TASK.....9751/02

AFOSR 67-0128
UNIVERSITY OF TORONTO
REFRACTION OF SOUND BY JET FLOW AND JET TEMPERATURE II
UTIAS TECHNICAL NOTE NO 110 AUG 1966
BY GRANDE E
OAR ACCESS NO.....001054-004
ODC NUMBER.....AD646170
INSTR...AF-AFOSR-0672-64
PROJECT/TASK.....9751/02

AFOSR 67-0129
UNIVERSITY OF TORONTO
TURBULENCE MEASUREMENTS RELEVANT TO JET NOISE
UTIAS REPORT NO 119 NOV 1966
BY CHU W T
OAR ACCESS NO.....001055-002
ODC NUMBER.....AD645322
INSTR...AF-AFOSR-0672-66
PROJECT/TASK.....9751/02

AFOSR 67-0130
STANFORD UNIVERSITY
INTEGRATED VARIABLE CAPACITORS FOR LARGE CAPACITANCE
VARIATIONS
PHOC LEFE V54 N11 P1570 NOV 1966
BY RAD T H
NEW B
ANDERSON B D
NEWCEMB R W
OAR ACCESS NO.....011061-016
ODC NUMBER.....AD645867
INSTR...AF-AFOSR-0337-63
PROJECT/TASK.....9749/01

AFOSR 67-0131
THE UNIVERSITY OF MICHIGAN
SOME REMARKS ON AXIALLY-SYMMETRIC POTENTIAL THEORY
J MATH MECH V16 N3 PP203-212 SEP 66
BY HFINA A F
OAR ACCESS NO.....010402-003
ODC NUMBER.....AD645697
INSTR...AF-AFOSR-0374-65
PROJECT/TASK.....9749/01

AFOSR 67-0132
UNIVERSITY COLLEGE
CENTRIFUGAL FIBERS TO THE RETINA OF OCTOPUS VULGANIS
EXPTL NEUROL V15 N1 PP109-112 1966
BY LUND R D
OAR ACCESS NO.....004346-002
ODC NUMBER.....AD646130
INSTR...AF-EDAR -0053-66
PROJECT/TASK.....9777/01

AFOSR 67-0133
OXFORD UNIVERSITY
SOME TECHNIQUES FOR THE ELECTRICAL BRAIN STIMULATION OF
SMALL UNRESTRAINED ANIMALS
MED DIOL ENG V4 PP393-397 1966
BY DELLUS J D
OAR ACCESS NO.....000984-001
ODC NUMBER.....AD646343
INSTR...AF-EDAR -0012-64
PROJECT/TASK.....9777/01

AFOSR 67-0134
OXFORD UNIVERSITY
PENTHARMENTAL ANALGESIA IN THE HEHRING AND LESSER
BLACK-THROATED GULL
J SMALL ANIMAL PRACT V7 PP605-609 1966
BY DELLUS J D
OAR ACCESS NO.....000984-002
ODC NUMBER.....AD646418
INSTR...AF-EDAR -0012-66
PROJECT/TASK.....9777/01

AFOSR 67-0136
INTERNATIONAL BUSINESS MACHINES INC
ON CONSTRUCTING FORMAL INTEGRALS UP A HAMILTONIAN SYSTEM
NEAR AN EQUILIBRIUM POINT
ASTRON J 171 NR PP670-686 OCT 1966
BY GUSTAVSON F G
OAR ACCESS NO.....010011-001
DDC NUMBER.....AD646719
INSTR...AF-49/638/01474
PROJECT/TASK.....9749/01

AFOSR 67-0137
UNIVERSITY OF MILANO
FLOW OF A NAMEFIED GAS IN A TUBE OF ANNULAR SECTION
PHYS FLUIDS V9 N6 PP1174-1178 JUNE 1966
BY DASSANINI P
CERCIGNANI C
SERNAGIOTTO F
OAR ACCESS NO.....018130-002
DDC NUMBER.....AD646597
INSTR...AF-61/052/00881
PROJECT/TASK.....9783/01

AFOSR 67-0138
UNIVERSITY OF MILANO
VARIATIONAL APPROACH TO BOUNDARY-VALUE PROBLEMS IN KINETIC
THEORY
PHYS FLUIDS V9 N6 PP1167-1173 JUNE 1966
BY CERCIGNANI C
PAGONI C D
OAR ACCESS NO.....018130-003
DDC NUMBER.....AD646598
INSTR...AF-61/052/00881
PROJECT/TASK.....9783/01

AFOSR 67-0139
SPERRY RAND RESEARCH CENTER
LOW-FREQUENCY OSCILLATIONS IN A THERMAL CESIUM PLASMA
J APPL PHYS V37 N10 PP3701-3704 SEP 1966
BY DECKER J A JR
OAR ACCESS NO.....017440-003
DDC NUMBER.....AD645715
INSTR...AF-49/638/01541
PROJECT/TASK.....9752/01

AFOSR 67-0141
CAMBRIDGE UNIVERSITY
RIGGED MILBERT SPACES IN QUANTUM MECHANICS
COMMUN MATH PHYS V3 PP98-119 1966
BY ROBERTS J E
OAR ACCESS NO.....013011-008
DDC NUMBER.....AD645875
INSTR...AF-FOAR-0036-65
PROJECT/TASK.....9751/01

AFOSR 67-0142
COLUMBIA UNIVERSITY
VARIABLE AIR TRANSFORMER FOR IMPEDANCE MATCHING
REV SCI INSTR V37 N11 PP1625-1626 NOV 66
BY MATTARONI P
SCHREIBER F
OAR ACCESS NO.....019250-010
DDC NUMBER.....AD645412
INSTR...AF-49/638/01355
PROJECT/TASK.....9731/00

AFOSR 67-0143
COLUMBIA UNIVERSITY
ON THE STRUCTURE OF THE UPPER MANTLE
BULL SEIS SOC AM V56 NR PP1147-1152 OCT 66
BY LEHMANN I
OAR ACCESS NO.....011391-001
DDC NUMBER.....AD644949
INSTR...AF-AFOSR-0087-65
PROJECT/TASK.....8652/00

AFOSR 67-0144
ARCTIC INSTITUTE OF NORTH AMERICA
VARIATIONS IN SPECTRA OF P WAVES RECORDED AT CANADIAN
ARCTIC SEISMOGRAPH STATIONS
CAN J EARTH SCI V3 PP597-621 1966
BY UTSU T
OAR ACCESS NO.....011981-001
DDC NUMBER.....AD644916
INSTR...AF-AFOSR-0702-64
PROJECT/TASK.....8652/00

AFOSR 67-0145
UNIVERSITY OF SOUTHERN CALIFORNIA
GENERAL NECESSARY CONDITIONS FOR OPTIMIZATION PROBLEMS
PROC NATL ACAD SCI V56 N4 PP1066-1071 OCT 66
BY WALKIN H
NEUSTADT L W
OAR ACCESS NO.....019740-003
DDC NUMBER.....AD646417
INSTR...AF-AFOSR-1029-66
PROJECT/TASK.....9749/01

AFOSR 67-0146
UNIVERSITY OF CALIFORNIA
A REMARK ON THE SINGULAR CAUCHY PROBLEM FOR ALL VALUES OF
THE TIME FOR THE EULER-POISSON-DARBOUX EQUATION
J MATH MECH V16 N3 PP197-202 SEP 66
BY DIAZ J B
KIDAN A R
OAR ACCESS NO.....022190-001
DDC NUMBER.....AD646388
INSTR...AF-AFOSR-1122-66
PROJECT/TASK.....9749/01

AFOSR 67-0147
YESHIVA UNIVERSITY
ANALYTIC CONTINUATION AND GLOBAL THEOREMS IN GENERAL
RELATIVITY
PERSPECTIVES GEOMETRY RELATIVITY INDIANA U PRESS PP212-216
1966
BY KONAN A
OAR ACCESS NO.....017090-008
DDC NUMBER.....AD646161
INSTR...AF-AFOSR-0816-68
PROJECT/TASK.....9767/06

AFOSR 67-0148
POLYTECHNIC INSTITUTE OF BROOKLYN
REFLECTING AND DISPLAY OF REDUCED BANDWIDTH TV SIGNALS
PIBMT-1350-66 NOV 1966
BY BALABAN P
OAR ACCESS NO.....001889-028
DDC NUMBER.....AD646228
INSTR...AF-49/638/01402
PROJECT/TASK.....4701/00

AFOSR 67-0149
POLYTECHNIC INSTITUTE OF BROOKLYN
COMBUSTION INSTABILITY IN LIQUID PROPELLANT ROCKET
ENGINES FINAL REPORT OCT 1966
BY AGOSTA V O
HAMMER S S
OAR ACCESS NO.....001893-006
DDC NUMBER.....AD646228
INSTR...AF-49/638/01263
PROJECT/TASK.....9761/01

AFOSR 67-0151
INNSBRUCK UNIVERSITY
GASDYNAMIC METHODS IN MAGNETOHYDRODYNAMICS FINAL REPORT
DFC 1966
BY CAP F
FALSER M
FRIEDEL M
HERRNEGGER F
KENEH G
OAR ACCESS NO.....013280-032
DDC NUMBER.....AD645832
INSTR...AF-61/052/00675
PROJECT/TASK.....9782/01

AFOSR 67-0152
UNIVERSITY OF DELAWARE
QUANTUM LIMITATIONS TO ELECTROMAGNETIC SIGNAL MEASUREMENTS
FINAL REPORT DEC 1966
BY HULGIANO L P JR
OAR ACCESS NO.....010899-006
DDC NUMBER.....AD646640
INSTR...AF-AFOSR-0002-65
PROJECT/TASK.....9768/02

AFOSR 67-0153
STANFORD UNIVERSITY
ON THE BOUNDARY THEORY FOR MARKOV CHAINS II
ACTA MATH V115 PP111-163 1966
BY CHUNG K L
OAR ACCESS NO.....010801-005
DDC NUMBER.....AD645716
INSTR...AF-49/638/01339
PROJECT/TASK.....9749/02

AFOSR 67-0155
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MULTIPHOTON MAGNETO-OPTICAL RESONANCE IN Pb Te AND INSB
PHYS REV LETTERS V17 N19 PP1009-1007 7 NOV 1966
BY BUTTON K J
LAY B
WEILER M H
HEINE M
OAR ACCESS NO.....007911-088
DDC NUMBER.....AD646690
INSTR...AF-49/638/01468
PROJECT/TASK.....9764/01

AFOSR 67-0156
UNIVERSITY OF CALIFORNIA
HIGH TEMPERATURE SP-BAND SUPERCONDUCTORS
PHYS V2 N6 PP293-310 1966
BY GEDALLE T H
MATTHEAS B T
REMEIKA J P
CLUGSTON A M
COMPTON V B
OAR ACCESS NO.....010830-044
DDC NUMBER.....AD645851
INSTR...AF-AFOSR-0631-64
PROJECT/TASK.....9763/02

AFOSR 67-0158
UNIVERSITY OF PITTSBURGH
USING CHAIN WITH A SPIN IMPURITY
PHYS REV V151 N1 PP304-311 4 NOV 1966
BY FALK H
OAR ACCESS NO.....003172-027
DDC NUMBER.....AD646381
INSTR...AF-AFOSR-0196-63
PROJECT/TASK.....9763/03

AFOSR 67-0159
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY AND PARTICLES SIZE IN HETEROGENEOUS
COPPER LEAD ALLOY /GERMAN/
Z PHYS V186 PP310-318 1965
BY RAUB C J
HAUS E
OAR ACCESS NO.....010830-043
DDC NUMBER.....AD646318
INSTR...AF-AFOSR-0631-64
PROJECT/TASK.....9763/02

AFOSR 67-0160
UNIVERSITY OF CALIFORNIA
HEAT CAPACITY OF ALPHA URANIUM AT A PRESSURE OF 10 KBAR
BETWEEN 0.3 AND 6 DEGREES K
PHYS REV LETTERS V17 N13 PP694-696 26 SEP 1966
BY MO J C
PHILLIPS M F
SMITH T F
OAR ACCESS NO.....014330-046
DDC NUMBER.....AD646056
INSTR...AF-AFOSR-0631-84
PROJECT/TASK.....9763/02

AFOSR 67-0161
JOHN CARROLL UNIVERSITY
MAGNETIC FIELD DEPENDENCE OF ULTRASONIC ATTENUATION OF
SHEAR WAVES IN POTASSIUM
PHYS LETTERS V21 N3 PP260-261 15 MAY 1966
BY SAID M S
WIMLEY J C
TRIVISONNG J
OAR ACCESS NO.....011201-004
DDC NUMBER.....AD646055
INSTR...AF-AFOSR-0662-65
PROJECT/TASK.....9763/03

AFOSR 67-0162
UNIVERSITY OF MARYLAND
EFFECTS OF ENERGY GAP ANISOTROPY IN Pnict SUPERCONDUCTORS
ANN PHYS V40 N2 PP26R-295 NOV 66
BY CLEM J H
OAR ACCESS NO.....003333-014
DDC NUMBER.....AD646022
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0163
UNIVERSITY OF UTAH
THE RECRYSTALLIZATION OF 99.997 PER CENT CHROMIUM
J LESS COMMON METALS V11 PP323-341 APR 66
BY SHINKMAN C H
PITT C H
OAR ACCESS NO.....012761-002
DDC NUMBER.....AD646054
INSTR...AF-AFOSR-0019-65
PROJECT/TASK.....9763/01

AFOSR 67-0164
UNIVERSITY OF ROCHESTER
LUTCH EQUATION FOR CONDUCTION-ELECTRON SPIN RESONANCE
PHYS REV V151 N1 PP215-219 NOV 1966
BY GASPARI G D
OAR ACCESS NO.....003743-014
DDC NUMBER.....AD646140
INSTR...AF-AFOSR-0611-64
PROJECT/TASK.....9761/01

AFOSR 67-0165
CALIFORNIA INSTITUTE OF TECHNOLOGY
TRANSFER OF EXCITATION IN SOLUTION
DEC 1966
BY HAMMOND G S
OAR ACCESS NO.....015080-006
DDC NUMBER.....AD646035
INSTR...AF-AFOSR-0717-66
PROJECT/TASK.....9762/01

AFOSR 67-0166
UNIVERSITY OF MARYLAND
CRITICAL CURRENT AND ELECTRON DEPAIRING IN SUPERCONDUCTING
FILMS
PHYS REV V151 NO PP2457-2459 15 SEP 1963
BY FERRELL M A
FULDE P
OAR ACCESS NO.....003333-015
DDC NUMBER.....AD646021
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0167
UNIVERSITY OF MARYLAND
DIELECTRIC CONSTANT OF A SUPERCONDUCTOR
PHYS REV V129 NO PP2495-2503 15 MAR 1963
BY PRANGE R E
OAR ACCESS NO.....003333-016
DDC NUMBER.....AD646036
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0168
PHILIPS LABORATORIES
DETERMINATION OF APERTURES IN THE FOCUSING PLANE OF X-RAY
POWDER DIFFRACTOMETERS
J SCI INSTR V43 PP623-628 SEP 1966
BY PARRISH B
MACK M
TAYLOR J
OAR ACCESS NO.....016050-002
DDC NUMBER.....AD646194
INSTR...AF-AFOSR-01234
PROJECT/TASK.....3820/00

AFOSR 67-0169
PHILIPS LABORATORIES
RAY PROOF SLIT MOUNT FOR X-RAY POWDER DIFFRACTOMETERS
REV SCI INSTR V37 N10 PP140N-1407 OCT 1966
BY PARRISH B
VAJDA I
OAR ACCESS NO.....016050-003
DDC NUMBER.....AD646195
INSTR...AF-AFOSR-01234
PROJECT/TASK.....3820/00

AFOSR 67-0170
UNIVERSITY OF MARYLAND
SELF-FIELD LIMITING OF JOSEPHSON TUNNELING OF
SUPERCONDUCTING ELECTRON PAIRS
PHYS REV LETTERS V10 N11 PP479-481 1 JUN 1963
BY PERPELL M A
PRANGE R E
OAR ACCESS NO.....003333-017
DDC NUMBER.....AD646031
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0171
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
NONLINEAR MAGNETO-OPTICS OF LANDAU ELECTRONS
PHYS REV LETTERS V17 N17 PP923-925 26 OCT 1966
BY HANAMURA E
LAX R
SHIN E E H
OAR ACCESS NO.....007911-009
DDC NUMBER.....AD646193
INSTR...AF-AFOSR-071468
PROJECT/TASK.....9764/01

AFOSR 67-0172
UNIVERSITY OF MARYLAND
LIFETIME OF THE NEUTRAL PION
PHYS REV V121 N3 PP886-892 1 FEB 1961
BY GLASEN V
FERRELL R A
OAR ACCESS NO.....003333-018
DDC NUMBER.....AD646037
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9761/01

AFOSR 67-0173
UNIVERSITY OF MARYLAND
CORRECTIONS TO THE DIELECTRIC CONSTANT OF A DEGENERATE
ELECTRON GAS
PHYS REV V129 N3 PP1396-1410 1 FEB 1963
BY GLICK A J
OAR ACCESS NO.....003332-016
DDC NUMBER.....AD646036
INSTR...AF-AFOSR-0046-62
PROJECT/TASK.....9763/01

AFOSR 67-0177
KIO UNIVERSITY
MECHANISM SUBMERGING COLOR CODING IN THE VERTEBRATE RETINA
FINAL REPORT DEC 1966
BY TOMITA T
OAR ACCESS NO.....500510-001
DDC NUMBER.....AD646093
INSTR...HMR
-0009-65
PROJECT/TASK.....9777/01

AFOSR 67-0178
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RESEARCH IN SEISMOLOGY
M I T DEPT OF GEOLOGY AND GEOPHYSICS NO 5 /SEISMOLOGY/ - 2
DEC 1966
BY PRESS F
TOKSCZ M N
OAR ACCESS NO.....020510-001
DDC NUMBER.....AD646066
INSTR...AF-AFOSR-071632
PROJECT/TASK.....6652/00

AFOSR 67-0187
CORNELL UNIVERSITY
RADAR OBSERVATIONS OF THE SOLAR SYSTEM
DISCOVERY V27 NO PP22-25 AUG 1966
BY DYCE R B
OAR ACCESS NO.....500080-029
DDC NUMBER.....AD646175
INSTR...AF-AFOSR-01156
PROJECT/TASK.....2638/00

AFOSR 67-0188
DUKE UNIVERSITY
TRIPLET-STATE ELECTRON SPIN RESONANCE OF AN H-ATOM-
METHYL-RADICAL COMPLEX IN A SOLID MATRIX
PHYS REV V151 N1 PP207-210 4 NOV 1966
BY GORDY W
MOREHOUSE R
OAR ACCESS NO.....000274-009
DDC NUMBER.....AD646069
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 67-0189
CORNELL UNIVERSITY
MAPPING OF LUNAR RADAR REFLECTIVITY AT 70 CENTIMETERS
J GEOPHYS RES V71 N20 PP4843-4853 15 OCT 1966
BY THOMPSON T W
DYCE R B
OAR ACCESS NO.....500080-030
DDC NUMBER.....AD646176
INSTR...AF-AFOSR-01156
PROJECT/TASK.....2638/00

AFOSR 67-0190
COLUMBIA UNIVERSITY
SPECTRAL SHIFTS IN QUASI-STELLAR OBJECTS
ASTROPHYS J V146 N2 PP523-527 NOV 1966
BY NOERDLINGER P D
JOKIPII J R
WOLTER L
OAR ACCESS NO.....019740-006
DDC NUMBER.....AD646160
INSTR...AF-AFOSR-01234
PROJECT/TASK.....4776/01

AFOSR 67-0191
UNIVERSITY OF LEICESTER
UNSTABLE INTERMEDIATES PAIR PL SOLVATED
ELECTRON ELECTRON-CATION INTERACTIONS IN POTASSIUM-ANION
SOLUTIONS
J CHEM SOC SECT A 1969-1971 1966
HY CATERALL R
SYMONS M C M
TIPPING J W
DAR ACCESS NO.....010671-003
DOC NUMBER.....AD646197
INST.....AF-FOAM-0080-66
PROJECT/TASK.....9710/01

AFOSR 67-0192
SYRACUSE UNIVERSITY
RELATIVISTIC TRANSFORMATION LAWS FOR THERMODYNAMICAL
VARIABLES WITH APPLICATION TO THE CLASSICAL ELECTRON
THEORY
KJODO CIMENTO SPK V65 1968-1969 1 OCT 1966
HY SYRUSKIEWICZ A
DAR ACCESS NO.....002074-005
DOC NUMBER.....AD646072
INST.....AF-FOAM-0780-65
PROJECT/TASK.....9767/04

AFOSR 67-0193
MILLON INSTITUTE
GENERALIZED OSCILLATION STRENGTHS AT SMALL MOMENTUM CHANGES
FOR THE ONE-SINGLET S TO TWO-SINGLET S TRANSITION IN
HELIUM
J CHEM PHYS V65 N3 1967-1978 AUG 1965
HY SKECHLE A
LASSPINE F N
DAR ACCESS NO.....011440-027
DOC NUMBER.....AD646183
INST.....AF-FOAM-0061-63
PROJECT/TASK.....9767/02

AFOSR 67-0194
MILLON INSTITUTE
QUADRUPOLE-ALLOWED TRANSITIONS IN THE ELECTRON-IMPACT
SPECTRUM OF NITROGEN
J CHEM PHYS V65 N9 1967-1978 1 NOV 1966
HY LASSPINE F N
SKECHLE A
MELVIN V U
DAR ACCESS NO.....012990-028
DOC NUMBER.....AD646184
INST.....AF-FOAM-0061-63
PROJECT/TASK.....9767/02

AFOSR 67-0195
KAYNE STATE UNIVERSITY
PREPARATION OF ORIENTED MERCURY SINGLE CRYSTALS
MATER RES BULL VI N1 1963-1966 SEP 1966
HY ROHM H V
WU H C
TRIPLE Y N
DAR ACCESS NO.....006542-004
DOC NUMBER.....AD646325
INST.....AF-FOAM-0495-64
PROJECT/TASK.....9767/02

AFOSR 67-0196
UNIVERSITY OF MANITOBA
ELECTRON PARAMAGNETIC RESONANCE OF METHYL RADICALS IN
POROUS GLASS SURFACE
SCIENCE V154 1978 1968-1969 21 OCT 1966
HY FUJIMOTO Y
GESSER M D
COHEN A
GARHUTT U
DAR ACCESS NO.....019340-001
DOC NUMBER.....AD646336
INST.....AF-FOAM-0662-66
PROJECT/TASK.....9767/02

AFOSR 67-0197
UNIVERSITY OF WISCONSIN
DECAHYDROCYCLOPENTASILENE AND
TRIMETHYLCYCLOPENTASILENE
J ORGANOMETAL CHEM V6 1962-1963 1966
HY WEST R
CARLHART F
DAR ACCESS NO.....019460-001
DOC NUMBER.....AD646346
INST.....AF-FOAM-1061-66
PROJECT/TASK.....9767/02

AFOSR 67-0198
CARNegie INSTITUTE OF TECHNOLOGY
THE VISUALLY MERCURY-PHOTOSENSITIZED DECOMPOSITION OF
METHYLAMINE
J PHYS CHEM V65 N10 1961-1962 OCT 1966
HY HOUSSFAU Y
GILBERT J MANS G J
DAR ACCESS NO.....008711-004
DOC NUMBER.....AD646355
INST.....AF-FOAM-0513-64
PROJECT/TASK.....9767/02

AFOSR 67-0199
UNIVERSITY OF OSLO
NEW INVESTIGATION OF THE SUPERFICIAL SURFACE-AUTOIONIZING
STATES OF HF AND H
J CHEM PHYS V65 N6 1967-1978 15 SEP 1966
HY HOLLEN F
MEDICAL J
DAR ACCESS NO.....014462-001
DOC NUMBER.....AD646337
INST.....AF-FOAM-0231-66
PROJECT/TASK.....9767/01

AFOSR 67-0200
HARVARD UNIVERSITY
A SINO-SOVIET CULTURAL FRONTIER THE ILI KAZAKH AUTONOMOUS
CHU
HARVARD U PRESS CAMBRIDGE MASS 1966
HY MUSELEY G
DAR ACCESS NO.....019140-002
DOC NUMBER.....AD646370
INST.....AF-FOAM-0390-66
PROJECT/TASK.....9767/00

AFOSR 67-0201
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOMETHYL METAL COMPOUNDS OF THE REACTIVE OF PHENYL
METHOXYCHLOROMETHYL MERCURY WITH ALUMINOL
J ORG CHEM V31 1966-1967 DEC 1966
HY SEYFERTH D
NAI V A
NUI J Y P
DAMNAD K V
DAR ACCESS NO.....014231-007
DOC NUMBER.....AD646205
INST.....AF-FOAM-0507-66
PROJECT/TASK.....9767/02

AFOSR 67-0202
NORTH AMERICAN AVIATION INC
COUPLING OF OPTO-ELECTRONIC DEVICES BY A THIN-FILM
TRANSMISSION LINE
PDOC FILE V84 116 1967-1978 JULY 1966
HY DODICE J G
FRENCH B T
DAR ACCESS NO.....016580-002
DOC NUMBER.....AD646101
INST.....AF-FOAM-0390-66
PROJECT/TASK.....9767/03

AFOSR 67-0203
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOGENATED ORGANOTIN COMPOUNDS AS CRYSTAL TRANSFER AGENTS
J ORGANOMETAL CHEM V6 1962-1963 1966
HY SEYFERTH D
ARMURECHT F W JR
PHUKAI H
CRUSS R J
DAR ACCESS NO.....014231-008
DOC NUMBER.....AD646206
INST.....AF-FOAM-0507-66
PROJECT/TASK.....9767/01

AFOSR 67-0204
UNIVERSITY OF IOWA
SYNTHESIS OF CYCLOPENTADIENYL DERIVATIVES
IN THE NULL CHEN LETTERS V2 1963-1966
HY HUNT C C
DOLY J W
DAR ACCESS NO.....015190-002
DOC NUMBER.....AD646071
INST.....AF-FOAM-0763-65
PROJECT/TASK.....9710/01

AFOSR 67-0205
UNIVERSITY OF CINCINNATI
CILIA REGENERATION IN THE SEA URCHIN EMBRYO
HOL BULL V131 N2 1974 OCT 1966
HY AUCLAIR W
SIEGEL B W
DAR ACCESS NO.....020551-001
DOC NUMBER.....AD646113
INST.....AF-FOAM-0964-66
PROJECT/TASK.....9777/01

AFOSR 67-0206
UNIVERSITY OF CINCINNATI
CILIA REGENERATION IN THE SEA URCHIN EMBRYO EVIDENCE FOR
A ROLE OF CILIARY PROTEINS
SCIENCE V154 1975 1968-1969 15 NOV 1966
HY AUCLAIR W
SIEGEL B W
DAR ACCESS NO.....020551-002
DOC NUMBER.....AD646111
INST.....AF-FOAM-0964-66
PROJECT/TASK.....9777/01

AFOSR 67-0207
UNIVERSITY OF OSLO
RHYTHMIC ACTIVITY IN A SIMULATED NEURONAL NETWORK
J PHYSIOL V65 1968-1969 1966
HY ANDERSEN P
GILLUM M
MIDJORD I
DAR ACCESS NO.....019620-001
DOC NUMBER.....AD646115
INST.....AF-FOAM-0010-65
PROJECT/TASK.....9777/01

AFOSR 67-0208
UNIVERSITY OF WISCONSIN
ANIONIC REARRANGEMENT OF HYDRAZINES II ISOMERS OF DIS
ORGANOSILYL HYDRAZINES
J AM CHEM SOC V88 N20 1966-1967 20 OCT 1966
HY WEST R
ISHIKAWA M
SAILLEY R F
DAR ACCESS NO.....019960-002
DOC NUMBER.....AD646208
INST.....AF-FOAM-1061-66
PROJECT/TASK.....9767/02

AFOSR 67-0209
THE UNIVERSITY OF CANBERRA
A NEW POLAR AXIS MOTION SYSTEM
PHYSICS INST RADIO ELEC ENGRS AUSTRALIA V27 N3 MAR 1966
HY MANCHESTER R M
TURNER P J
DAR ACCESS NO.....010570-001
DOC NUMBER.....AD646192
INST.....AF-FOAM-0390-62
PROJECT/TASK.....9777/01

AFOSR 67-0210
UNIVERSITY OF ROCHESTER
DEGREE OF COHERENCE OF AN ANNI RARY ORDER
MUDVO CEMENTO SERA V46 PP280-282 11 OCT 1966
BY NEMTA C L
OAR ACCESS NO.....0046P3-007
DOC NUMBER.....AD646117
INSTR...AF-AFOSR-0P37-68
PROJECT/TASK.....9767/02

AFOSR 67-0211
CORNELL UNIVERSITY
RADIO ROTATION PERIOD OF JUPITER
SCIENCE V184 N3746 PP297-298 14 OCT 1966
BY GULKIS S
CARN T D
OAR ACCESS NO.....3000R0-031
DOC NUMBER.....AD646171
INSTR...AF-49/638/01156
PROJECT/TASK.....283R/00

AFOSR 67-0212
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETO-OPTICAL PHENOMENA
J PHYS SOC JAPAN V21 SUPPL PP166-173 1966
BY LAR S
OAR ACCESS NO.....007911-009
DOC NUMBER.....AD646179
INSTR...AF-49/638/01166
PROJECT/TASK.....9764/01

AFOSR 67-0213
AVCO EVERETT RESEARCH LABORATORY
VAN ALLEN BELT PLASMA PHYSICS
RESEARCH REPORT 259 DEC 1966
BY KENNEL C F
PETSCHER M E
OAR ACCESS NO.....002272-004
DOC NUMBER.....AD646319
INSTR...AF-49/638/01163
PROJECT/TASK.....9752/01

AFOSR 67-0214
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
PAR INFRARED RESONANT ABSORPTION IN N-TYPE SILICON
J PHYS SOC JAPAN V21 SUPPL PP582-583 1966
BY KURINGER L J
MILWARD H C
AGGARWAL M L
OAR ACCESS NO.....007911-091
DOC NUMBER.....AD646177
INSTR...AF-49/638/01168
PROJECT/TASK.....9764/01

AFOSR 67-0215
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OBSERVATION OF QUANTUM SPIN AND HIGH FIELD DAMPING EFFECTS
IN MICROWAVE HELICON PROPAGATION IN DEGENERATE
SEMICONDUCTOR PLASMAS
J PHYS SOC JAPAN V21 SUPPL PP713-717 1966
BY FURDYNA J K
OAR ACCESS NO.....007911-092
DOC NUMBER.....AD646170
INSTR...AF-49/638/01168
PROJECT/TASK.....9764/01

AFOSR 67-0216
UNIVERSITY OF OKLAHOMA
GENERALIZED LINEAR DIFFERENTIAL SYSTEMS AND RELATED
RICCATI MATRIX INTEGRAL EQUATIONS
ILL J MATH V10 N4 PP701-722 1966
BY REID W T
OAR ACCESS NO.....008233-001
DOC NUMBER.....AD646095
INSTR...AF-AFOSR-0749-65
PROJECT/TASK.....9787/02

AFOSR 67-0217
ROBON UNIVERSITY
TORSION IN LIE GROUPS AND RELATED SPACES
TOPOLOGY VS PP147-154 1966
BY HARRIS B
OAR ACCESS NO.....018460-001
DOC NUMBER.....AD646190
INSTR...AF-AFOSR-0865-64
PROJECT/TASK.....9769/02

AFOSR 67-0218
UNIVERSITY OF MINNESOTA
ACID-BASE INDICATOR PROPERTIES OF SULFONEPHTHALEINS AND
REACTING IN ACETONITRILE
PROG NATL ACAD SCI V56 N5 PP1370-1376 NOV 1966
BY KULTHUFF I M
HENDRICK S
CHANTOONI M K JR
OAR ACCESS NO.....012231-002
DOC NUMBER.....AD646114
INSTR...AF-AFOSR-0028-65
PROJECT/TASK.....9710/03

AFOSR 67-0219
UNIVERSITY OF CALIFORNIA
DI-T-BUTYL HYDROPEROXIDE A CONVENIENT SOURCE OF T-MUTORY
RADICALS
TETRAHEDRON LETTERS NOV PP6163-6168 1966
BY KIFFER M
TAYLOR T G
OAR ACCESS NO.....013381-001
DOC NUMBER.....AD646214
INSTR...AF-AFOSR-0514-66
PROJECT/TASK.....9702/02

AFOSR 67-0220
UNIVERSITY OF CALIFORNIA
RADICAL-IONIC REACTION MECHANISMS HOMOLYSIS OF THE
CANONIUM ION T-BUTYL THIOPIPERACETATE
J AM CHEM SOC V88 N22 PP5228-5236 20 NOV 1966
BY JUNCH D H JR
TAYLOR T G
OAR ACCESS NO.....014380-004
DOC NUMBER.....AD646210
INSTR...AF-AFOSR-0514-64
PROJECT/TASK.....9762/02

AFOSR 67-0222
TEXAS A AND M UNIVERSITY
NEUTRON POLARIZATION AND NEUTRON FORM FACTORS
MUDVO CEMENTO SERA V46 PP66-77 11 NOV 1966
BY UMERJEE R K
UMERJEE R K
GAMMEL J L
OAR ACCESS NO.....017450-004
DOC NUMBER.....AD646331
INSTR...AF-AFOSR-0914-65
PROJECT/TASK.....9751/02

AFOSR 67-0223
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
TRANSLATION-INVARIANT DIRICHLET ALGEBRAS ON COMPACT GROUPS
PROG AM MATH SOC V17 N5 PP977-981 OCT 1966
BY HILDER D
OAR ACCESS NO.....000451-012
DOC NUMBER.....AD646332
INSTR...AF-AFOSR-0135-63
PROJECT/TASK.....9749/02

AFOSR 67-0224
TEXAS A AND M UNIVERSITY
COUPLED CHANNEL SCHRODINGER-EQUATION MODEL FOR NEUTRON-
ALPHA AND DEUTERON-TRITON SCATTERING I
PHYS REV V151 N3 PP819-826 18 NOV 1966
BY OFFICIO W M
UMERJEE R K
GAMMEL J L
OAR ACCESS NO.....017450-005
DOC NUMBER.....AD646110
INSTR...AF-AFOSR-0914-65
PROJECT/TASK.....9751/02

AFOSR 67-0225
UNIVERSITY OF MINNESOTA
ACID-BASE PROPERTIES OF MONO-AND DINITROPHENOLS IN
ACETONITRILE
J AM CHEM SOC V88 N23 PP5430-5439 5 DEC 1966
BY KULTHUFF I M
CHANTOONI M K JR
HENDRICK S
OAR ACCESS NO.....012231-003
DOC NUMBER.....AD646317
INSTR...AF-AFOSR-0028-65
PROJECT/TASK.....9710/03

AFOSR 67-0226
UNIVERSITY OF CHICAGO
THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS III THE
ABSORPTION AND EMISSION SPECTRA OF A MULTILAYERED
PARACYCLOPHANE
J AM CHEM SOC V88 N22 PP5003-5007 20 NOV 1966
BY HILLIEN I M
CLASS L
VICE S A
OAR ACCESS NO.....015060-022
DOC NUMBER.....AD646112
INSTR...AF-AFOSR-0741-65
PROJECT/TASK.....9769/01

AFOSR 67-0227
UNIVERSITY OF MICHIGAN
INFERENCES ABOUT CORRELATIONS
PSYCHON SCI V6 N6 PP253-254 1966
BY HEAC L R
SCOPPE S
OAR ACCESS NO.....022070-001
DOC NUMBER.....AD646191
INSTR...AF-49/638/01731
PROJECT/TASK.....9778/01

AFOSR 67-0228
UNIVERSITY OF GEORGIA
COMPUTERS IN PSYCHOPHYSIOLOGY
CHARLES C THOMAS PUBLISHER SPRINGFIELD ILLINOIS 1966
BY ZIMMER M
OAR ACCESS NO.....008334-001
DOC NUMBER.....AD646042
INSTR...AF-AFOSR-0257-65
PROJECT/TASK.....9778/01

AFOSR 67-0229
THE UNIVERSITY OF TEXAS
HIGH POWER RF PLASMA HEATING AND WAVE PROPAGATION NEAR THE
FUNDAMENTAL AND HARMONICS OF THE ION CYCLOTRON FREQUENCY
JSP TECHNICAL REPORT NO 26 SEPT 1966
BY KRISTIANSEN M
DOLGAL A A
OAR ACCESS NO.....015241-023
DOC NUMBER.....ACR03584
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....9751/00

AFOSR 67-0230
AVCO EVERETT RESEARCH LABORATORY
WEAK HYDRAULIC JUMPS IN SHALLOW WATER
RESEARCH REPORT 260 OCT 1966
BY BITTING J
OAR ACCESS NO.....002272-003
DOC NUMBER.....AD646217
INSTR...AF-49/638/01163
PROJECT/TASK.....9752/01

AFOSR 67-0231
HOWARD UNIVERSITY
MILITARY TRANSFER OF TECHNOLOGY
MARCH 1967
BY SPENCER D L
OAR ACCESS NO.....016622-002
DDC NUMBER.....AD660537
INSTR...AF-AFOSR-0333-67
PROJECT/TASK.....9779/02

AFOSR 67-0232
POLYTECHNIC INSTITUTE OF BROOKLYN
DIHEDRAL OPTICAL RESONATORS AND PRISM BEAM-WAVEGUIDES
PIMM-1240-66 SEPT 1966
BY KAHN W K
OAR ACCESS NO.....001665-039
INSTR...AF-69/638/01402
PROJECT/TASK.....9781/00

AFOSR 67-0233
UNIVERSITY OF CALIFORNIA
APPROXIMATE FORCE CONSTANTS FOR TETRAHEDRAL METAL
CARBOXYLS AND NITROSYLS
INORG CHEM V5 N11 PP1960-1968 NOV 1966
BY VAN HECKE G R
MORRICKS W D JR
OAR ACCESS NO.....013391-002
DDC NUMBER.....AD660599
INSTR...AF-69/638/01492
PROJECT/TASK.....9710/01

AFOSR 67-0234
PRINCETON UNIVERSITY
THE THERMAL DECOMPOSITION OF COPPER (II) CHELATES OF N-
SUBSTITUTED THIOPICOLINAMIDES
INORG CHEM V5 N10 PP1816-1818 OCT 1966
BY KLUJNER W B
MORRICKS W D JR
OAR ACCESS NO.....013391-003
DDC NUMBER.....AD660601
INSTR...AF-69/638/01492
PROJECT/TASK.....9710/01

AFOSR 67-0235
PRINCETON UNIVERSITY
ENVIRONMENTAL EFFECTS ON THE INFRARED FREQUENCIES OF
POLYATOMIC MOLECULES EVALUATION OF PERTURBATION-THEORY
PARAMETERS FOR HCN AND DCN
J CHEM PHYS V48 N6 PP1278-1286 15 AUG 1966
BY WANN R H
MORRICKS W D JR
OAR ACCESS NO.....013391-004
DDC NUMBER.....AD660602
INSTR...AF-69/638/01492
PROJECT/TASK.....9710/01

AFOSR 67-0236
PRINCETON UNIVERSITY
DIETARY PHOSPHINE COMPLEXES OF NICKEL SPECTRAL MAGNETIC
AND PROTON RESONANCE STUDIES A PLANAR-TETRAHEDRAL
EQUILIBRIUM
INORG CHEM V5 N11 PP1968-1974 NOV 1966
BY VAN HECKE G R
MORRICKS W D JR
OAR ACCESS NO.....013391-005
DDC NUMBER.....AD660603
INSTR...AF-69/638/01492
PROJECT/TASK.....9710/01

AFOSR 67-0237
UNIVERSITY OF CALIFORNIA
OPTICAL PROPERTIES OF A-MNS IN THE FUNDAMENTAL ABSORPTION
REGION
J PHYS SOC JAPAN V21 SUPPL PP673-676 1966
BY HUFFMAN D H
WILD R L
CALLAWAY J
OAR ACCESS NO.....009061-010
DDC NUMBER.....AD660622
INSTR...AF-AFOSR-0323-66
PROJECT/TASK.....9763/02

AFOSR 67-0238
WASHINGTON UNIVERSITY
GROUND STATE OF LIQUID HELIUM-BOSON SOLUTIONS FOR MASS J
AND A
PHYS REV V151 N1 PP153-166 NOV 66
BY MASSRY W E
OAR ACCESS NO.....006671-010
DDC NUMBER.....AD660623
INSTR...AF-AFOSR-0412-62
PROJECT/TASK.....9751/03

AFOSR 67-0239
INSTITUTE FOR ADVANCED STUDY
COMPUTATION RELATIONS OF HAYON CURRENTS
PHYS REV V151 N4 PP1215-1225 25 NOV 1966
BY HSA R C
NUTTS J
OAR ACCESS NO.....007083-006
DDC NUMBER.....AD660624
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 67-0240
STANFORD UNIVERSITY
TREATMENT OF THE EFFECT OF EXCLUDED VOLUME AND DEDUCTION OF
UNPERTURBED DIMENSIONS OF POLYMER CHAINS CONFIGURATIONAL
PARAMETERS FOR CELLULOSE DERIVATIVES
MACROMOL CHEM V98 N2178 PP126-135 1966
BY FLORY P J
OAR ACCESS NO.....010391-023
DDC NUMBER.....AD660626
INSTR...AF-69/638/01341
PROJECT/TASK.....9760/03

AFOSR 67-0241
UNIVERSITY OF TEXAS
AROMATIC OXIDATION BY ELECTRON TRANSFER I ORIGINATIONS OF
SUBP-METHOXYTOLUENE
J AM CHEM SOC V88 N23 PP6473-6478 5 DEC 1966
BY ANDRULIS P J JR
DEWAR M J S
DIETZ R
HUNT R L
OAR ACCESS NO.....009511-011
DDC NUMBER.....AD660637
INSTR...AF-AFOSR-0328-66
PROJECT/TASK.....9762/01

AFOSR 67-0242
UNIVERSITY OF TEXAS
AROMATIC OXIDATION BY ELECTRON TRANSFER II ORIGINATIONS OF
AROMATIC ETHERS AND AMIDES BY MANGANIC ACETATE
J AM CHEM SOC V88 N23 PP6479-6482 5 DEC 1966
BY ARATANI T
DEWAR M J S
OAR ACCESS NO.....009511-012
DDC NUMBER.....AD660638
INSTR...AF-AFOSR-0328-66
PROJECT/TASK.....9762/01

AFOSR 67-0243
UNIVERSITY OF TEXAS
AROMATIC OXIDATION BY ELECTRON TRANSFER III ORIGINATIONS OF
AND 2-METHOXY-NAPHTHALENE BY MANGANIC ACETATE
J AM CHEM SOC V88 N23 PP6483-6486 5 DEC 1966
BY ANDRULIS P J JR
DEWAR M J S
OAR ACCESS NO.....010600-001
DDC NUMBER.....AD660639
INSTR...AF-AFOSR-1956-66
PROJECT/TASK.....9762/01

AFOSR 67-0244
HUGHES RESEARCH LABS
NEW PHOTOCHROMIC COMPOUNDS WITH SUBP-NITROBENZYL STRUCTURE
J AM CHEM SOC V88 N20 PP6473-6476 28 OCT 1966
BY MARGERUM J D
ORAU R C
OAR ACCESS NO.....016220-006
DDC NUMBER.....AD660642
INSTR...AF-69/638/01266
PROJECT/TASK.....9762/01

AFOSR 67-0247
OREGON STATE UNIVERSITY
OXIDATION-REDUCTION REACTIONS OF ORGANIC SULFUR COMPOUNDS
FINAL REPORT JAN 1967
BY RICE J L
OAR ACCESS NO.....011671-001
DDC NUMBER.....AD660646
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9762/06

AFOSR 67-0248
NEW YORK UNIVERSITY
ON THE WATSON TRANSFORMATION
COMMON PURE APPL MATH V19 N3 PP287-297 AUG 1966
BY FISCHER E
OAR ACCESS NO.....000333-003
DDC NUMBER.....AD660648
INSTR...AF-AFOSR-0537-64
PROJECT/TASK.....9769/02

AFOSR 67-0249
UNIVERSITY OF CALIFORNIA
MONOLGY THEORY
HOLDEN-DAY INC SAN FRANCISCO CALIF 1966
BY HU S T
OAR ACCESS NO.....020370-001
INSTR...AF-AFOSR-1149-66
PROJECT/TASK.....9769/02

AFOSR 67-0250
UNIVERSITY OF MICHIGAN
AN EXPERIMENTAL METHOD FOR PROSODIC ANALYSIS
PHONETICA V18 N1 PP1-13 1966
BY O MALLEY M H
PETERSON G E
OAR ACCESS NO.....012171-008
DDC NUMBER.....AD660649
INSTR...AF-AFOSR-0022-64
PROJECT/TASK.....9769/02

AFOSR 67-0252
CARNEGIE INSTITUTE OF TECHNOLOGY
COMPUTER SCIENCE RESEARCH REVIEW
BY NISSENSEN J
OAR ACCESS NO.....022900-001
DDC NUMBER.....AD660650
INSTR...50
PROJECT/TASK.....9719/00

AFOSR 67-0253
CARNEGIE INSTITUTE OF TECHNOLOGY
THE EQUIVALENCE OF CERTAIN COMPUTATIONS
BY COOPER D C
OAR ACCESS NO.....022900-002
DDC NUMBER.....AD660651
INSTR...50
PROJECT/TASK.....9719/00

AFOSR 67-0254
CARNEGIE INSTITUTE OF TECHNOLOGY
SYNTAX ANALYSIS BY A PRODUCTION LANGUAGE
BY EVANS A JR
OAR ACCESS NO.....022900-003
DOC NUMBER.....AD829405
INSTR...50 -146
PROJECT/TASK.....9714/00

AFOSR 67-0255
CARNEGIE INSTITUTE OF TECHNOLOGY
DISSEMINATE A DISTRIBUTIONAL-SEMANTICS INFERENCE MAKER
JUN 1966
BY KLEIN S
LIEMAN S L
LINDSTROM G E
OAR ACCESS NO.....022900-004
DOC NUMBER.....AD836380
INSTR...50 -146
PROJECT/TASK.....9718/00

AFOSR 67-0256
CARNEGIE INSTITUTE OF TECHNOLOGY
MTHAT ASSEMBLER FOR THE CDC G-21
JAN 67
BY ROSS D
OAR ACCESS NO.....022900-005
DOC NUMBER.....AD838407
INSTR...50 -146
PROJECT/TASK.....9718/00

AFOSR 67-0257
CARNEGIE INSTITUTE OF TECHNOLOGY
DESIGN OF THE G-21 MULTI-PROCESSOR SYSTEM
FEB 1965
BY QUATSE J I
OAR ACCESS NO.....022900-006
DOC NUMBER.....AD840037
INSTR...50 -146
PROJECT/TASK.....9718/00

AFOSR 67-0258
CARNEGIE INSTITUTE OF TECHNOLOGY
SOME STUDIES IN GAME PLAYING WITH A DIGITAL COMPUTER
JUL 1965
BY WILLIAMS I G
OAR ACCESS NO.....022900-007
DOC NUMBER.....AD844821
INSTR...50 -146
PROJECT/TASK.....9718/00

AFOSR 67-0259
CARNEGIE INSTITUTE OF TECHNOLOGY
A COMPUTER PROGRAM FOR DISCOVERING AND PROVING SEQUENTIAL
RECOGNITION RULES FOR WELL-FORMED FORMULAS DEFINED BY A
BACKUS NORMAL FORM GRAMMAR
MAY 1964
BY LONDON R L
OAR ACCESS NO.....022900-008
DOC NUMBER.....AD844036
INSTR...50 -146
PROJECT/TASK.....9718/00

AFOSR 67-0260
CARNEGIE INSTITUTE OF TECHNOLOGY
AN EXAMPLE OF HUMAN CHESS PLAY IN THE LIGHT OF CHESS
PLAYING PROGRAMS
AUG 1964
BY NEWELL A
SINON H A
OAR ACCESS NO.....022900-009
DOC NUMBER.....AD849386
INSTR...50 -146
PROJECT/TASK.....9718/00

AFOSR 67-0261
DURHAM UNIVERSITY
A THEORETICAL ANALYSIS OF EXTENSIVE AIR SHOWERS I NEAR-
VERTICAL SHOWERS AT SEA LEVEL
PROC PHYS SOC V89 PP567-585 1966
BY DE MEER J F
MOLYDAR B
WOLFGANG J
WOLFGANG A W
OAR ACCESS NO.....021640-001
DOC NUMBER.....AD84924
INSTR...AF-61/052/00929
PROJECT/TASK.....9751/04

AFOSR 67-0262
DURHAM UNIVERSITY
THE INTERPRETATION OF THE CHARGE RATIO OF COSMIC-RAY MUONS
PROP PHYS SOC V89 PP593-565 1966
BY HACKETT P K
WOLFGANG A W
OAR ACCESS NO.....021640-002
DOC NUMBER.....AD847279
INSTR...AF-61/052/00929
PROJECT/TASK.....9751/04

AFOSR 67-0263
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DECOMPOSITION THEOREM FOR BOUNDED UNIFORMLY CONTINUOUS
FUNCTIONS ON A GROUP
AM J MATH V88 N4 PP902-914 OCT 1966
BY KNAPP A W
OAR ACCESS NO.....000431-013
DOC NUMBER.....AD846842
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-0264
INSTITUTE FOR ADVANCED STUDY
ON ENTIRE FUNCTIONS OF EXPONENTIAL TYPE AND INDICATORS OF
ANALYTIC FUNCTIONALS
ACTA MATH V117 PP1-35 JAN 67
BY KISELMAN C D
OAR ACCESS NO.....000363-002
DOC NUMBER.....AD846761
INSTR...AF-AFOSR-0359-64
PROJECT/TASK.....9749/02

AFOSR 67-0265
THE UNIVERSITY OF TEXAS
TEXAS BIENNIAL OF ELECTRONICS RESEARCH NO 4 FINAL REPORT
NOV 1966
BY DOUGAL A A
OAR ACCESS NO.....015241-024
DOC NUMBER.....AD807317
INSTR...AF-AFOSR-0765-66
PROJECT/TASK.....4751/00

AFOSR 67-0266
RHODES UNIVERSITY
ON THE TISSUE SPECIFICITY AND BIOLOGICAL SIGNIFICANCE OF
ALDOLASE C IN THE CHICKEN
BIOCHEM BIOPHYS RES COMMUN V26 N1 PP24-29 1967
BY MERKOVITS J J
WESTERS L J
WASSERMAN P M
KAPLAN M D
OAR ACCESS NO.....015520-003
DOC NUMBER.....AD847002
INSTR...AF-AFOSR-0732-65
PROJECT/TASK.....9777/01

AFOSR 67-0267
STANFORD UNIVERSITY
RELEASE OF COORDINATED BEHAVIOR IN CRAYFISH BY SINGLE
CENTRAL NEURONS
SCIENCE V154 N3750 PP917-919 NOV 66
BY KENNEDY D
EVOT W M
MANAWALT J T
OAR ACCESS NO.....010402-002
DOC NUMBER.....AD847230
INSTR...AF-AFOSR-0334-66
PROJECT/TASK.....9777/01

AFOSR 67-0268
UNIVERSITY OF WESTERN AUSTRALIA
SENSORY CONTRAST EFFECTS IN THE JUDGMENT OF LIFTED WEIGHTS
PSYCHON SLI V6 N4 PP137-138 1966
BY WILLIAMS M Y
ROSS J
DI LORLO V
OAR ACCESS NO.....019700-002
DOC NUMBER.....AD846997
INSTR...AF-AFOSR-0906-65
PROJECT/TASK.....9776/01

AFOSR 67-0269
INDIANA UNIVERSITY
USE OF HELLMANN-PEYNNAN AND HYPERVIRIAL THEOREMS TO OBTAIN
AN HARMONIC VIBRATION-ROTATION EXPECTATION VALUES AND THEIR
APPLICATION TO GAS DIFFRACTION
J CHEM PHYS V45 N8 PP2827-2831 15 OCT 1966
BY BONHAM H A
SU L S
OAR ACCESS NO.....010851-018
DOC NUMBER.....AD847238
INSTR...AF-AFOSR-0602-64
PROJECT/TASK.....9760/02

AFOSR 67-0270
UNIVERSITY OF CHICAGO
ON THE INTENSITY DISTRIBUTION OF EXCIMER EMISSION
J CHEM PHYS V45 N10 PP3886-3887 15 NOV 1966
BY GLASS L
HILLIEN I M
RICE S A
OAR ACCESS NO.....015060-023
DOC NUMBER.....AD847003
INSTR...AF-AFOSR-0781-65
PROJECT/TASK.....9760/01

AFOSR 67-0271
TEL AVIV UNIVERSITY
CONSEQUENCES OF AN APPROXIMATE CY INVARIANCE OF THE
PHYSICAL HADRONS
PHYS LETTERS V22 N5 PP699-701 15 SEP 1966
BY MORWITZ L
ME EMAN Y
OAR ACCESS NO.....021480-002
DOC NUMBER.....AD846938
INSTR...AF-EDAR-0039-66
PROJECT/TASK.....9751/01

AFOSR 67-0272
TEL AVIV UNIVERSITY
DECAY CORRELATIONS OF PHOTO-PRODUCED RHO MESONS IN THE
STRONG ABSORPTION MODEL
PHYS LETTERS V22 N2 PP223-225 1 AUG 66
BY EISENBERG Y
BUNAT E E
BRANDSTETTER A
LEVY A
GOTSMAN E
OAR ACCESS NO.....021480-003
DOC NUMBER.....AD846938
INSTR...AF-EDAR-0039-66
PROJECT/TASK.....9751/01

AFOSR 67-0273
TEL AVIV UNIVERSITY
POSSIBLE VANISHING OF STRONG INTERACTION CROSS-SECTION AT
INFINITE ENERGIES
MUNDO CINEMATO SCR X V45 PP279-280 1 SEP 1966
BY CAHIMUD N
KORDELM J J J
HORNITZ L
NE EMAN Y
OAR ACCESS NO.....021480-004
DOC NUMBER.....AD646941
INSTR...AF-EDAR-0039-66
PROJECT/TASK.....9751/01

AFOSR 67-0274
TEL AVIV UNIVERSITY
THE ALGEBRA OF SCALAR AND VECTOR VECTOR STRENGTHS IN REGGE
RESIDUES
PHYS LETTERS V22 N3 PP 330-340 15 AUG 1966
BY CAHIMUD N
HORNITZ L
NE EMAN Y
OAR ACCESS NO.....021480-005
DOC NUMBER.....AD646942
INSTR...AF-EDAR-0039-66
PROJECT/TASK.....9751/01

AFOSR 67-0275
OREGON STATE UNIVERSITY
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM
GASEOUS ELECTRON-DIFFRACTION SECTION-MICROPHOTOMETER
INTENSITY DATA 11 METH(1)
ACTA CRYST V17 PT5 PP529-533 MAY 1964
BY HEDBERG K
IBASAKI M
OAR ACCESS NO.....006230-004
DOC NUMBER.....AD647027
INSTR...AF-49/638/00783
PROJECT/TASK.....9760/01

AFOSR 67-0276
OREGON STATE UNIVERSITY
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM
GASEOUS ELECTRON-DIFFRACTION SECTION-MICROPHOTOMETER
INTENSITY DATA 11 ADAPTATION TO AUTOMATIC COMPUTATION
ACTA CRYST V17 PT 5 PP533-537 MAY 1964
BY IBASAKI M
FRITSCH F N
HEDBERG K
OAR ACCESS NO.....006230-005
DOC NUMBER.....AD647028
INSTR...AF-49/638/00783
PROJECT/TASK.....9760/01

AFOSR 67-0277
OREGON STATE UNIVERSITY
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM
GASEOUS ELECTRON-DIFFRACTION SECTION-MICROPHOTOMETER DATA
111 REFINEMENT OF CYCLOPROPANE
ACTA CRYST V17 PT 5 PP539-543 MAY 1964
BY RASTIANSSEN O
FRITSCH F N
HEDBERG K
OAR ACCESS NO.....006230-006
DOC NUMBER.....AD647027
INSTR...AF-49/638/00783
PROJECT/TASK.....9760/01

AFOSR 67-0278
UNIVERSITY OF TORONTO
AERODYNAMICALLY GENERATED SOUND FINAL REPORT DEC 1966
BY RIBNER M S
OAR ACCESS NO.....001055-001
DOC NUMBER.....AD646958
INSTR...AF-49/638/00783
PROJECT/TASK.....9711/02

AFOSR 67-0279
INST OF OCCUPATIONAL HEALTH
REGIONAL DISTRIBUTION IN OPSOPHAGAL TEMPERATURE AND ITS
USE IN LOCALIZING MEDIASTINAL ORGANS AND MONITORING CENTRAL
BLOOD TEMPERATURE FINAL REPORT APR 1966
BY PIININEN P
OAR ACCESS NO.....017400-001
DOC NUMBER.....AD646964
INSTR...AF-EDAR-0071-65
PROJECT/TASK.....9777/01

AFOSR 67-0280
UNIVERSITY OF TEXAS
THE REACTION OF MOLECULES IN EXCITED ELECTRONIC STATES WITH
PARAMAGNETIC GASES FINAL REPORT FEB 1967
BY NOVYS W A JR
OAR ACCESS NO.....015240-003
DOC NUMBER.....AD646973
INSTR...AF-49/638/00783
PROJECT/TASK.....9740/02

AFOSR 67-0285
UNIVERSITY OF MIAMI
DIFFUSION AS A PROBLEM OF STATISTICAL PATH
AM J PHYS V34 N11 PP1063-1067 NOV 66
BY KUNISUNGLU M
OAR ACCESS NO.....014180-004
DOC NUMBER.....AD646979
INSTR...AF-49/638/01260
PROJECT/TASK.....9767/03

AFOSR 67-0286
UNIVERSITY OF ROCHESTER
WAVEFRONT RECONSTRUCTION WITH LIGHT OF FINITE COHERENCE
LENGTH
J OPT SOC AM V54 N11 PP1636-1637 NOV 1966
BY MANDEL L
OAR ACCESS NO.....014030-003
DOC NUMBER.....AD647041
INSTR...AF-49/638/01532
PROJECT/TASK.....9741/02

AFOSR 67-0287
CONNELL UNIVERSITY
ELECTRODE EFFECTS IN A SEEDED PLASMA
ATAA J V4 N12 PP2158-2159 DEC 1966
BY WOLF R J
OAR ACCESS NO.....001062-001
DOC NUMBER.....AD647030
INSTR...AF-49/638/01346
PROJECT/TASK.....9783/02

AFOSR 67-0288
CONNELL UNIVERSITY
ON THE STRUCTURE OF ALFVEN WAKES
APPL MAT V17 N4 PP520-537 1966
BY TURCOTTE D L
CHU C K
OAR ACCESS NO.....001062-002
DOC NUMBER.....AD646982
INSTR...AF-49/638/01346
PROJECT/TASK.....9783/02

AFOSR 67-0289
CONNELL UNIVERSITY
OSCEN FLOW PAST A FINITE FLAT PLATE
PHYS FLUIDS V9 N9 PP1697-1703 SEPT 1966
BY SEEBASS M
TAMADA K
MIYAGI T
OAR ACCESS NO.....007412-002
DOC NUMBER.....AD647235
INSTR...AF-49/638/01346
PROJECT/TASK.....9781/01

AFOSR 67-0290
COLUMBIA UNIVERSITY
CYCLOPROPANONE
J AM CHEM SOC V88 P3672 1966
BY TURNER N J
HAMMOND W B
OAR ACCESS NO.....019800-001
DOC NUMBER.....AD646944
INSTR...AF-49/638/01002
PROJECT/TASK.....9760/02

AFOSR 67-0291
POLYTECHNIC INSTITUTE OF BROOKLYN
SCATTERING OF ELECTROMAGNETIC WAVES BY A SEMI-INFINITE
METAL PLATE IN ANISOTROPIC PLASMA
ALTA FRECUENZIA V35 N2 PP 112-119 1966
BY DE SANTIS P
OAR ACCESS NO.....001685-023
DOC NUMBER.....AD647033
INSTR...AF-49/638/01002
PROJECT/TASK.....9751/00

AFOSR 67-0292
COLUMBIA UNIVERSITY
CYCLOPROPANONES 11 2 2-DIMETHYLCYCLOPROPANONE
J AM CHEM SOC V88 N12 PP2880-2881 20 JUN 1966
BY HAMMOND W B
TURNER N J
OAR ACCESS NO.....019800-002
DOC NUMBER.....AD646945
INSTR...AF-49/638/01002
PROJECT/TASK.....9760/02

AFOSR 67-0293
YALE UNIVERSITY
STABILITY OF SPIRAL MOTION
INTERM ASTRON UNION SYMP 25TH PP38-42 1966
BY SIEBENFLY V
OAR ACCESS NO.....011493-004
DOC NUMBER.....AD646940
INSTR...AF-49/638/01002
PROJECT/TASK.....9749/01

AFOSR 67-0294
ANALYTICAL MECHANICS ASSOCIATES INC
OPTIMIZATION PROBLEMS IN POWERED SPACE FLIGHT
RECENT DEVELOP SPACE FLIGHT MECH V9 PP113-131 1966
BY EDWARDS J N
OAR ACCESS NO.....021100-001
DOC NUMBER.....AD646923
INSTR...AF-49/638/01002
PROJECT/TASK.....9749/01

AFOSR 67-0295
YALE UNIVERSITY
ADVANTAGES OF REGULARIZATION IN SPACE DYNAMICS
ATAA JOURNAL V5 N4 PP1520-1522 AUG 67
BY SZEDMEHY V
PIERCE D A
OAR ACCESS NO.....011494-001
DOC NUMBER.....AD647200
INSTR...AF-49/638/01002
PROJECT/TASK.....9749/01

AFOSR 67-0296
UNIVERSITY OF MINNESOTA
DISCRETE LINEAR OPTIMAL CONTROL SYSTEMS WITH ESSENTIALLY
QUADRATIC COST FUNCTIONALS
IEEE TRANS AUTON CONTROL VAC-11 N 3 PP 404-413 JULY 1966
BY CHUNG D H
OAR ACCESS NO.....018720-003
DOC NUMBER.....AD647208
INSTR...AF-49/638/01002
PROJECT/TASK.....9749/01

AFOSR 67-0207
 COLORADO STATE UNIVERSITY
 THE APPROXIMATE SOLUTION OF RICCATI'S EQUATION
 J SIAM NUMER ANAL V3 N3 PP425-434 1966
 BY STEIN F H
 MUFFSTUTLER W G
 OAR ACCESS NO.....009942-001
 DDC NUMBER.....AD647000
 INSTR...AF-AFOSR-0185-05
 PROJECT/TASK.....9749/01

AFOSR 67-0208
 UNIVERSITY OF CALIFORNIA
 ON BOUNDED-INPUT-BOUNDED-OUTPUT STABILITY OF A CERTAIN
 CLASS OF NONLINEAR SAMPLED-DATA SYSTEMS
 J FRANKLIN INST V282 N4 PP193-205 OCT 66
 BY IWENS W R
 BERGEN A R
 OAR ACCESS NO.....000224-001
 DDC NUMBER.....AD647205
 INSTR...AF-AFOSR-0292-06
 PROJECT/TASK.....9749/01

AFOSR 67-0298
 UNIVERSITY OF CALIFORNIA
 ON BOUNDED-INPUT-BOUNDED-OUTPUT STABILITY OF A CERTAIN
 CLASS OF NONLINEAR SAMPLED-DATA SYSTEMS
 J FRANKLIN INST V282 N4 PP193-205 OCT 66
 BY IWENS W R
 BERGEN A R
 OAR ACCESS NO.....013152-001
 DDC NUMBER.....AD647205
 INSTR...AF-AFOSR-0230-06
 PROJECT/TASK.....9749/01

AFOSR 67-0299
 TECHNISCHE HOCHSCHULE IN WIEN
 A METHOD FOR THE SOLUTION OF STOCHASTIC PROBLEMS IN LINEAR
 THERMOELASTICITY AND HEAT CONDUCTION
 INTERN J SOLIDS STRUCT V2 PP581-599 1966
 BY ZEMAN J L
 OAR ACCESS NO.....003561-004
 DDC NUMBER.....AD647201
 INSTR...AF-61/052/00645
 PROJECT/TASK.....9749/01

AFOSR 67-0301
 SAINT LOUIS UNIVERSITY
 THE S WAVE PROJECT FOR FOCAL MECHANISM STUDIES
 FINAL REPORT MARCH 1966
 BY STAUDER V
 OAR ACCESS NO.....011860-002
 INSTR...AF-AFOSR-0858-62
 PROJECT.....0052

AFOSR 67-0302
 PURDUE UNIVERSITY
 MASTER'S THESES IN THE PURE AND APPLIED SCIENCES 1963 VOLUME
 VIII FINAL REPORT AUG 1966
 BY SCHICK R H
 OAR ACCESS NO.....019460-001
 DDC NUMBER.....AD64742
 INSTR...AF-49/638/01371
 PROJECT/TASK.....9769/02

AFOSR 67-0303
 FLORIDA STATE UNIVERSITY
 FACTORS CONTROLLING PROTEIN SYNTHESIS FINAL REPORT JAN 1967
 BY FISHER J R
 OAR ACCESS NO.....013201-001
 INSTR...AF-AFOSR-0231-65
 PROJECT/TASK.....9777/10

AFOSR 67-0306
 BROWN UNIVERSITY
 ELECTRICAL CONDUCTIVITY OF A PLASMA FINAL REPORT NOV 1966
 BY MAEDER P F
 OAR ACCESS NO.....009142-006
 DDC NUMBER.....AD646672
 INSTR...AF-49/638/01294
 PROJECT/TASK.....9783/02

AFOSR 67-0307
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 AIR-SEA WAVES FROM THE EXPLOSION OF KRAKATOA
 SCIENCE V154 N3754 PP1325-1327 4 DEC 1966
 BY PRESS F
 HARKRIDER D G
 OAR ACCESS NO.....020510-002
 DDC NUMBER.....AD647037
 INSTR...AF-49/638/01632
 PROJECT/TASK.....0652/00

AFOSR 67-0308
 INSTITUTE GEOGRAPHIC & CATASTROPH
 FIRST RESULTS OF SEISMOLOGICAL INVESTIGATION RELATED WITH
 THE IBERIAN PENINSULA REGION
 VRAHIA TAMPAGUNA N263 1966
 BY MUNUENA J M
 MORENCOS J
 ANDRDO A L
 PAYO G
 OAR ACCESS NO.....015960-008
 DDC NUMBER.....AD646777
 INSTR...AF-61/057/00657
 PROJECT/TASK.....0652/00

AFOSR 67-0309
 YALE UNIVERSITY
 RADIATIVE AND COLLISION-INDUCED RELAXATION OF ATOMIC STATES
 IN THE 2P3P CONFIGURATION OF NEON
 PHYS REV V149 N1 PP38-51 9 SEP 66
 BY BENNETT W R JR
 KINOLMANN P J
 OAR ACCESS NO.....010051-005
 DDC NUMBER.....AD646994
 INSTR...AF-AFOSR-0826-65
 PROJECT/TASK.....9767/02

AFOSR 67-0310
 STATE UNIVERSITY OF NEW YORK AT BUFFALO
 UNIFORM-ELECTRIC-FIELD QUADRUPOLE POLARIZABILITIES AND
 SHIELDING FACTORS FOR S-STATE ATOMS AND IONS
 PHYS REV V151 N1 PP60-67 4 NOV 66
 BY LYONS J O
 LANGHOFF P W
 HURST R P
 OAR ACCESS NO.....013550-007
 DDC NUMBER.....AD647206
 INSTR...AF-AFOSR-0191-63
 PROJECT/TASK.....9767/01

AFOSR 67-0311
 UNIVERSITY OF ILLINOIS
 MEMORY WITHOUT RECORD
 LEARNING REMEMBERING AND FORGETTING VOL 1 THE ANATOMY OF
 MEMORY SCIENCE AND BEHAVIOR BOOKS INC PAID ALTC PP 388-433
 1965
 BY VON FOERSTER H
 OAR ACCESS NO.....012150-004
 DDC NUMBER.....AD646844
 INSTR...AF-AFOSR-0007-63
 PROJECT/TASK.....9769/04

AFOSR 67-0312
 ADELPHI UNIVERSITY
 TRANSIENT MOTION OF AN ELASTIC HALF-SPACE DUE TO A MOVING
 SURFACE LINE LOAD
 INTERN J ENG SCI V5 PP49-74 1967
 BY PAYTON R G
 OAR ACCESS NO.....017220-001
 DDC NUMBER.....AD646999
 INSTR...AF-AFOSR-0821-65
 PROJECT/TASK.....9749/01

AFOSR 67-0313
 UNIVERSITY OF SOUTHERN CALIFORNIA
 TILING WITH POLYOMINOES
 J COMBINATORIAL THEORY V1 N2 PP280-296 SEP 66
 BY GOLOMB S W
 OAR ACCESS NO.....017331-001
 DDC NUMBER.....AD647207
 INSTR...AF-AFOSR-0874-66
 PROJECT/TASK.....9749/01

AFOSR 67-0314
 THE UNIVERSITY OF TEXAS
 GEOCHRONOLOGY OF THE MIDCONTINENT REGION UNITED STATES
 PART 1 SCOPE METHODS AND PRINCIPLES PART 2 NORTHERN AREA
 PART 3 SOUTHERN AREA PART 4 EASTERN AREA
 J GEOPHYS RES V71 N22 PP3375-5438 15 NOV 1966
 BY GOLDICH S S
 MUEHLBERGER W R
 LIDIAK E G
 HEDGE C E
 WALTHALL F G
 OAR ACCESS NO.....016440-003
 DDC NUMBER.....AD646796
 INSTR...AF-49/638/01115
 PROJECT/TASK.....0652/00

AFOSR 67-0315
 COLUMBIA UNIVERSITY
 REFLECTION AND REFRACTION OF ELASTIC WAVES AT A CORRUGATED
 INTERFACE
 BULL SEIS SOC AM V56 N1 PP201-221 FEB 66
 BY A. AND S
 OAR ACCESS NO.....011380-004
 DDC NUMBER.....AD631134
 INSTR...AF-AFOSR-0303-62
 PROJECT/TASK.....0652/00

AFOSR 67-0316
 THE UNIVERSITY OF TEXAS
 CRUSTAL STUDY OF A CONTINENTAL STRIP FROM THE ATLANTIC
 OCEAN TO THE ROCKY MOUNTAINS
 GEOL SOC AM BULL V77 PP1427-1447 DEC 1966
 BY ZIETZ I
 KING E W
 GEODES W
 LIDIAK E G
 OAR ACCESS NO.....019440-004
 DDC NUMBER.....AD647197
 INSTR...AF-49/638/01115
 PROJECT/TASK.....0652/00

AFOSR 67-0317
 UNIVERSITY OF OXFORD
 FIELD EMISSION FROM CADMIUM SULPHIDE
 ELECTRON LETTERS V2 N12 DEC 66
 BY HUSAIN S A
 WALSH D
 OAR ACCESS NO.....000103-004
 DDC NUMBER.....AD646057
 INSTR...AF-60AR-0037-65
 PROJECT/TASK.....9767/02

AFOSR 67-0318
PRINCETON UNIVERSITY
MAGNETIC MOMENT TO SECOND ORDER FOR AXISYMMETRIC STATIC
FIELD
PHYS FLUIDS V9 N10 PP1997-2000 OCT 66
BY GARDNER C H
OAR ACCESS NO.....016500-006
DOC NUMBER.....AD647487
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 67-0319
PRINCETON UNIVERSITY
LOCAL THERMODYNAMIC EQUILIBRIUM MODEL ATMOSPHERE WITH LINE
BLANKETING REVIEW AND FUTURE PROSPECTS
J QUANT SPECTR RADIATIVE TRANSFER V6 PP581-590 1966
BY NIKALAS D
OAR ACCESS NO.....016500-004
DOC NUMBER.....AD646813
INSTR...AF-19/638/01555
PROJECT/TASK.....9767/03

AFOSR 67-0320
UNIVERSITY OF MINNESOTA
UPPER AND LOWER BOUNDS FOR SOLUTIONS TO THE TRANSPORT
EQUATION
AM INST CHEM PHYS V12 N6 PP1151-1157 NOV 1966
BY FINLAYSON H A
SCHWEN L E
OAR ACCESS NO.....013340-004
DOC NUMBER.....AD646801
INSTR...AF-AFOSR-0219-03
PROJECT/TASK.....9767/01

AFOSR 67-0321
YFSHIVA UNIVERSITY
PRODS OF SUMF CONJECTURES ON PERMANENTS
J MATH MECH V10 N2 PP127-136 AUG 66
BY LITH E H
OAR ACCESS NO.....015180-003
DOC NUMBER.....AD647011
INSTR...AF-AFOSR-0713-64
PROJECT/TASK.....9767/01

AFOSR 67-0322
MCMASTER UNIVERSITY
THE PARABOLIC OXIDATION KINETICS OF NIOBIUM
J ELECTROCHEM SOC V113 N12 PP1255-1257 DEC 1966
BY SHASHY J S
WALLWICK G H
SWELTZER B M
OAR ACCESS NO.....005703-002
DOC NUMBER.....AD646807
INSTR...AF-AFOSR-0515-06
PROJECT/TASK.....9767/01

AFOSR 67-0323
YALE UNIVERSITY
TEMPERATURES LORENTZIAN WIDTHS AND DRIFT VELOCITIES IN THE
ARGON-ION LASER
APPL PHYS LETT V5 N6 PP214-216 15 APR 66
BY GALLIK I A
BENNETT W R JR
WENGER G N
OAR ACCESS NO.....018851-006
DOC NUMBER.....AD638066
INSTR...AF-AFOSR-0626-65
PROJECT/TASK.....9767/02

AFOSR 67-0324
UNIVERSITY OF CHICAGO
MAGNETOHYDRODYNAMIC LUBRICATION FLOW BETWEEN PARALLEL
PLATES
J FLUID MECH V26 N1 PP537-543 1966
BY WAKI E H
KUZMA D C
DUNNELLY K J
OAR ACCESS NO.....016590-010
DOC NUMBER.....AD646806
INSTR...AF-AFOSR-0785-65
PROJECT/TASK.....9767/01

AFOSR 67-0325
PRINCETON UNIVERSITY
EXACT INVARIANTS FOR A CLASS OF NONLINEAR WAVE EQUATIONS
J MATH PHYS V7 N7 PP1256-1267 JUL 66
BY KHUSKAL M H
ZAKUSKY N
OAR ACCESS NO.....016500-005
DOC NUMBER.....AD647052
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 67-0327
THE JOHNS HOPKINS UNIVERSITY
OPTIMAL GUIDED CONTROL WITH LINEAR STOCHASTIC EQUATIONS
AND QUADRATIC COST
J MATH ANAL APPL V16 N3 PP510-537 3 DEC 1966
BY KONTAS E
OAR ACCESS NO.....014670-007
DOC NUMBER.....AD647050
INSTR...AF-49/638/01302
PROJECT/TASK.....9767/02

AFOSR 67-0328
UNIVERSITY OF CAMBRIDGE
THE (1-C)EAP-COE SINGULARITY IN S-MATRIX THEORY
J MATH PHYS V7 N9 PP1600-1606 SEP 66
BY LANDSHOFF P V
OLIVE D I
POLKINGHORNE J C
OAR ACCESS NO.....013010-054
DOC NUMBER.....AD646836
INSTR...AF-FOAM -0079-03
PROJECT/TASK.....9750/01

AFOSR 67-0329
UNIVERSITY OF CAMBRIDGE
NORMAL THRESHOLDS IN SUBENERGY VARIABLES
J MATH PHYS V7 N9 PP1993-1999 SEP 66
BY LANDSHOFF P V
OLIVE D I
POLKINGHORNE J C
OAR ACCESS NO.....013010-055
DOC NUMBER.....AD646837
INSTR...AF-FOAM -0079-03
PROJECT/TASK.....9751/01

AFOSR 67-0330
UNIVERSITY OF MARYLAND
AN INVARIANT FORMULATION OF THE NEW MAXIMUM-MINIMUM THEORY
OF EIGENVALUES
J MATH MECH V16 N3 PP213-218 SEP 66
BY WEINSTEIN A
OAR ACCESS NO.....001523-018
DOC NUMBER.....AD647231
INSTR...AF-AFOSR-0600-64
PROJECT/TASK.....9749/01

AFOSR 67-0331
UNIVERSITY OF CALIFORNIA
DESIGN OF INTEGRABLE DESENSITIZED FREQUENCY SELECTIVE
AMPLIFIERS
IEEE J SOLID-STATE CIRCUITS VSC-1 N1 PP29-35 SEP 1966
BY GAASH A A
PEPPER R S
PEDERSON D O
OAR ACCESS NO.....008704-012
DOC NUMBER.....AD647007
INSTR...AF-AFOSR-0139-00
PROJECT/TASK.....4751/00

AFOSR 67-0332
UNIVERSITY OF CALIFORNIA
CONFINED AND NONCONFINED INTERCHANGE INSTABILITIES
OBTAINED FROM NONLINEAR COMPUTER MODELS
PHYS FLUIDS V9 N5 PP1038-1040 MAY 1966
BY RYENS J A
OAR ACCESS NO.....008704-013
DOC NUMBER.....AD647011
INSTR...AF-AFOSR-0139-00
PROJECT/TASK.....4751/00

AFOSR 67-0333
UNIVERSITY OF CALIFORNIA
A GENERAL MATCHING THEORY AND ITS APPLICATION TO TUNNEL
DIODE AMPLIFIERS
IEEE TRANS CIRCUIT THEORY VCT-13 N1 PP6-18 MAR 1966
BY CHAN Y T
KUM C S
OAR ACCESS NO.....008704-014
DOC NUMBER.....AD647016
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-0334
UNIVERSITY OF CALIFORNIA
ON A MAPPING POLYNOMIAL FOR GALOIS FIELDS
QUART APPL MATH V24 N1 PP57-52 APR 1966
BY GILL A
JACOB J P
OAR ACCESS NO.....008703-031
DOC NUMBER.....AD644887
INSTR...AF-AFOSR-0139-00
PROJECT/TASK.....4751/00

AFOSR 67-0335
UNIVERSITY OF SOUTHERN CALIFORNIA
ROTATIONAL TEMPERATURE MEASUREMENT OF THE FLOW EXPANDING
FROM A LOW DENSITY SONIC ORIFICE
USCAE 103 AUG 1966
BY YASUHARA M
OAR ACCESS NO.....014951-005
DOC NUMBER.....AD648879
INSTR...AF-AFOSR-0697-66
PROJECT/TASK.....9783/01

AFOSR 67-0337
GIANNINI CENTRALS CORPORATION
ON MASS ENTRAINMENT BY JETS PHASE II THE EFFECT OF SOUND ON
JETS
11 JANUARY 1967
BY MARTINEZ E
OAR ACCESS NO.....013561-003
DOC NUMBER.....AD648867
INSTR...AF-49/638/01459
PROJECT/TASK.....9781/01

AFOSR 67-0338
Purdue University
FIND INFORMAL INTERNATIONAL HOT ATOM CHEMISTRY SYMPOSIUM
LAFAYETTE INDIANA 1-2 APR 66
APRIL 1966
BY SCHMIDT-ULEEN F
OAR ACCESS NO.....020140-001
DOC NUMBER.....AD646857
INSTR...AF-AFOSR-1031-66
PROJECT/TASK.....9710/03

AFOSR 67-0339
UNIVERSITY OF CALIFORNIA
INTEGRATED SELECTIVE AMPLIFIERS USING FREQUENCY TRANSLATION
IEEE J SOLID-STATE CIRCUITS VSC-1 N1 PP39-44 SEP 66
BY NIGUY G A
OAR ACCESS NO.....008704-015
DOC NUMBER.....AD647023
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-0340
UNIVERSITY OF CALIFORNIA
SIMPLIFIED CONDITIONS FOR CONTROLLABILITY AND OBSERVABILITY
OF LINEAR TIME-INVARIANT SYSTEMS
IEEE TRANS AUTOM CONTROL VAC-11 N3 PP613-614 JUL 1966
OAR ACCESS NO.....008704-016
DOC NUMBER.....AD646831
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00
BY CHEN C T
CESOFR C A
NIEDERLINSKI A

AFOSR 67-0341
UNIVERSITY OF CALIFORNIA
RAMAN LASERS USING SECONDARY RAMAN LINES
APPL PHYS LETTERS V9 N1 PP69-71 JUL 1966
OAR ACCESS NO.....008704-017
DOC NUMBER.....AD646832
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00
BY SCHWARZ S E
PINE A

AFOSR 67-0342
UNIVERSITY OF CALIFORNIA
DEFLECTION-MODULATION CRT DISPLAY
PROC IEEE V54 N10 PP1480-1482 OCT 1966
OAR ACCESS NO.....008703-032
DOC NUMBER.....AD646833
INSTR...AF-AFOSR-0139-64
PROJECT/TASK.....4751/00
BY EVERHART T E

AFOSR 67-0343
UNIVERSITY OF CALIFORNIA
ON THE INVERSE OF THE LYAPUNOV OPERATOR MAPPING THE SPACE
OF NON MATRICES INTO ITSELF
AM MATH MONTHLY V73 N4 PT1 PP394-399 APRIL 1966
OAR ACCESS NO.....008703-033
DOC NUMBER.....AD646835
INSTR...AF-AFOSR-0139-64
PROJECT/TASK.....4751/00
BY JACOB J P
POLAK E

AFOSR 67-0344
UNIVERSITY OF CALIFORNIA
DIRECT MEASUREMENT OF THE DEPLETION LAYER WIDTH VARIATION
VS APPLIED BIAS FOR A P-N JUNCTION
APPL PHYS LETTERS V7 N10 PP267-269 NOV 1965
OAR ACCESS NO.....008703-034
DOC NUMBER.....AD646836
INSTR...AF-AFOSR-0139-64
PROJECT/TASK.....4751/00
BY MACDONALD M C
EVERHART T E

AFOSR 67-0345
UNIVERSITY OF CALIFORNIA
ELECTRO-OPTIC DEFLECTION WITH BATIO SUO3 PRISMS
IEEE J QUANTUM ELECTRON V QE-2 N6 P152 JUNE 1966
OAR ACCESS NO.....008704-018
DOC NUMBER.....AD646837
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00
BY IPSEN E P

AFOSR 67-0346
UNIVERSITY OF CALIFORNIA
THE NUMBER OF TERMS IN THE GENERAL GAIN FORMULAS FOR COATES
AND MASON SIGNAL FLOW GRAPHS
IEEE TRANS CIRCUIT THEORY PP001-004 DEC 1965
OAR ACCESS NO.....008703-035
DOC NUMBER.....AD646838
INSTR...AF-AFOSR-0139-64
PROJECT/TASK.....4751/00
BY JACOB J P

AFOSR 67-0347
UNIVERSITY OF CALIFORNIA
SCANNING ELECTRON MICROSCOPY OF MINOLOGICAL MATERIAL
NATURE V210 N504C P1049 4 JUN 1966
OAR ACCESS NO.....008704-019
DOC NUMBER.....AD647026
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00
BY PEASE H F W
HAYES T L

AFOSR 67-0348
MICHIGAN TECHNOLOGICAL UNIVERSITY
GROWTH OF INTRINSIC AND GALLIUM-DOPED GERMANIUM
J APPL PHYS V37 N12 PP4572-4574 NOV 1966
OAR ACCESS NO.....010061-001
DOC NUMBER.....AD646832
INSTR...AF-AFOSR-0146-65
PROJECT/TASK.....9763/01
BY SHEA M M
HENDRICKSON L E
MELDT L J

AFOSR 67-0349
UNIVERSITY OF WASHINGTON
THE EFFECT OF STRONG F F FIELDS ON AN INFRARED SPECTROMETER
APPL OPT V5 N11 P1856 NOV 1966
OAR ACCESS NO.....008260-006
DOC NUMBER.....AD647040
INSTR...AF-49/63H/00797
PROJECT/TASK.....4710/03
BY EGGERS C F JR

AFOSR 67-0350
ISRAEL INSTITUTE OF TECHNOLOGY
DEPENDENCE OF COERCIVITY ON DRIVING FIELD IN MULTILAYER
FILMS OF NICKEL
IEEE TRANS MAGNETICS V1 N4 PP254-257 DEC 65
OAR ACCESS NO.....012700-006
DOC NUMBER.....AD646950
INSTR...AF-EOAR-0071-63
PROJECT/TASK.....9763/02
BY HIRSCH A A

AFOSR 67-0351
ISRAEL INSTITUTE OF TECHNOLOGY
SLOW RELAXATION EFFECTS IN MAGNETICALLY NONUNIFORM
MATERIALS
IEEE TRANS MAGNETICS VMAG-2 N3 PP423-427 SEP 1966
OAR ACCESS NO.....012700-007
DOC NUMBER.....AD646952
INSTR...AF-EOAR-0071-63
PROJECT/TASK.....9763/02
BY HIRSCH A A

AFOSR 67-0352
CLEMSON UNIVERSITY
SUPERCONDUCTING TRANSITION TEMPERATURE AND RESISTIVITY OF
TIN WHISKERS AS A FUNCTION OF UNIAXIAL TENSION
SOLID STATE COMMUN V4 PP597-600 1966
OAR ACCESS NO.....012471-002
DOC NUMBER.....AD647005
INSTR...AF-AFOSR-0180-65
PROJECT/TASK.....9763/02
BY STILLWELL E P
DAVIS J H
SKOVE M J

AFOSR 67-0353
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED
FERRIC OXIDE BY THE FLUX METHOD AND SEGREGATION STUDIES OF
IRON THREE PLUS IN GALLIUM SUB TWO MINUS X
J APPL PHYS V37 N12 PP4588 NOV 1966
OAR ACCESS NO.....007911-094
DOC NUMBER.....AD647053
INSTR...AF-49/63H/01468
PROJECT/TASK.....9764/00
BY SCHIEBER M

AFOSR 67-0354
ISRAEL INSTITUTE OF TECHNOLOGY
MAGNETIC RELAXATION PROPERTIES OF MAGNETITE POWDER DOWN TO
LIQUID HELIUM TEMPERATURES
PHYSICA V32 PP591-593 1966
OAR ACCESS NO.....012700-008
DOC NUMBER.....AD646955
INSTR...AF-EOAR-0071-63
PROJECT/TASK.....9763/02
BY HIRSCH A A
ELIEZER Z

AFOSR 67-0355
ISTITUTO ELETTROTECNICO NAZIONALE
EXPERIMENTS ON THE A C ELECTROLUMINESCENCE OF COPPER DOPED
ZINC SULFIDE SINGLE CRYSTALS
INTERN SYMP LUMINESCENCE PHYS CHEM SCIANTILLATORS MUNICH
1965 PP378-385 1966
OAR ACCESS NO.....002722-007
DOC NUMBER.....AD646802
INSTR...AF-EOAR-0087-63
PROJECT/TASK.....9763/02
BY DINFILIOLO I G
DHOVETTO P
MOJONE A

AFOSR 67-0356
UNIVERSITY OF MINNESOTA
ISOLATED SINGULARITIES OF SOLUTIONS OF LINEAR ELLIPTIC
EQUATIONS
AM J MATH V88 N1 PP258-272 JAN 66
OAR ACCESS NO.....017310-011
DOC NUMBER.....AD647448
INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02
BY SERKIN J
WEINBERGER M F

AFOSR 67-0357
ARIZONA STATE UNIVERSITY
ON TRUNCATION ERRORS FOR CONTINUED FRACTION COMPUTATIONS
J SIAM NUMER ANAL V3 N3 PP480-495 1966
OAR ACCESS NO.....010811-002
DOC NUMBER.....AD646803
INSTR...AF-AFOSR-0371-63
PROJECT/TASK.....9749/02
BY MENKES E P

AFOSR 67-0358
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
NECESSARY CONDITIONS FOR OPTIMAL SINGLE IMPULSE TRANSFER
AIAA J V4 N8 PP1405-1410 AUG 66
OAR ACCESS NO.....013703-005
DOC NUMBER.....AD646814
INSTR...AF-49/63H/01512
PROJECT/TASK.....9749/01
BY MOYER H G

AFOSR 67-0359
TESHIVA UNIVERSITY
INTERNAL PROBLEMS IN THE CLASS OF CLOSE-TO-CURVE FUNCTIONS
BULL AM MATH SOC V72 N6 PP1014-1017 NOV 1966
OAR ACCESS NO.....020946-001
DOC NUMBER.....AD647454
INSTR...AF-AFOSR-1077-66
PROJECT/TASK.....9749/02
BY HEINARD P K

AFOSM 67-0360
UNIVERSITY OF CALIFORNIA
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XVII
CARBANIONS AS INTERMEDIATES IN THE DIENE-CATALYZED
METHYLENE-AZETHEIN REARRANGEMENT
J AM CHEM SOC VOL 84 PP5760-5765 20 DEC 1966
BY CHAM D J
GUTHRIE H D
OAR ACCESS NO.....011701-002
DOC NUMBER.....AD646905
INSTR...AF-AFOSM-0124-65
PROJECT/TASK.....0762/02

AFOSM 67-0361
HARVARD UNIVERSITY
A CHARACTERIZATION OF THE MATHEW GROUP V12
TRANS AM MATH SOC V122 N1 PP18-47 MAR 66
BY DUBOUE R
FONG P
OAR ACCESS NO.....018410-005
DOC NUMBER.....AD647188
INSTR...AF-AFOSM-01381
PROJECT/TASK.....0762/02

AFOSM 67-0362
TEXAS CHRISTIAN UNIVERSITY
NUCLEAR MAGNETIC RELAXATION IN HALF-EARTH-ORBITED CALCIUM
FLUORIDE CRYSTALS AT LOW TEMPERATURES
PHYS REV V150 N1 PP361-366 7 OCT 1966
BY HAHENJROG R P
GUTZLE T L
OAR ACCESS NO.....018480-001
DOC NUMBER.....AD647436
INSTR...AF-AFOSM-0604-64
PROJECT/TASK.....0761/03

AFOSM 67-0363
PURDUE UNIVERSITY
MASTERS THESES IN THE PHYS AND APPLIED SCIENCES 1962 VOLUME
VII FINAL REPORT AUG 1964
BY SCHICK H M
OAR ACCESS NO.....019460-002
DOC NUMBER.....AD64756
INSTR...AF-AFOSM-01371
PROJECT/TASK.....0762/02

AFOSM 67-0364
PURDUE UNIVERSITY
MASTERS THESES IN THE PHYS AND APPLIED SCIENCES 1961 VOLUME
VI FINAL REPORT AUG 1966
BY SCHICK H M
OAR ACCESS NO.....019460-003
DOC NUMBER.....AD647591
INSTR...AF-AFOSM-01371
PROJECT/TASK.....0762/02

AFOSM 67-0365
HARVARD UNIVERSITY
SOME RESULTS ON FINITE GROUPS WHOSE ORDER CONTAINS A PRIME
TO THE FIRST POWER
N DUVA MATH J V27 PP381-399 JULY 66
BY HRAUER J
OAR ACCESS NO.....018410-006
DOC NUMBER.....AD647534
INSTR...AF-AFOSM-01381
PROJECT/TASK.....0762/02

AFOSM 67-0366
UNIVERSITY OF SOUTHERN CALIFORNIA
OPTIMAL CONTROL OF DISCRETE-TIME STOCHASTIC SYSTEMS
J MATH ANALYSIS APPL V15 N2 AUG 1966
BY SWORNER D J
OAR ACCESS NO.....018492-004
DOC NUMBER.....AD647452
INSTR...AF-AFOSM-0426-66
PROJECT/TASK.....0751/00

AFOSM 67-0367
UNIVERSITY OF ILLINOIS
EVIDENCE OF THE SURFACE ORIGIN OF THE 1/F NOISE
PHYS REV LETTERS V17 N18 PP556-557 31 OCT 64
BY SAM C T
MIELSCHER F M
OAR ACCESS NO.....003412-011
DOC NUMBER.....AD648212
INSTR...AF-AFOSM-0714-65
PROJECT/TASK.....0763/02

AFOSM 67-0368
UNIVERSITY OF LYON
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP FINAL
REPORT FEB 1967
BY JOUVET M
OAR ACCESS NO.....000844-002
DOC NUMBER.....AD646946
INSTR...AF-AFOSM-0394-65
PROJECT/TASK.....0777/01

AFOSM 67-0369
THE UNIVERSITY OF SUSSEX
A CONTINUUM STAGE FOR USE AT LIQUID HELIUM TEMPERATURES
INTERN CONGR ELECTRON MICROSCOPY 6TH KYOTO JAPAN 17-21
1966
BY VENABLES J A
OAR ACCESS NO.....018430-001
DOC NUMBER.....AD647504
INSTR...AF-AFOSM-0061-65
PROJECT/TASK.....0761/03

AFOSM 67-0370
THE UNIVERSITY OF SUSSEX
DEFECTS IN RARE GAS CRYSTALS
INTERN CONGR ELECTRON MICROSCOPY 6TH KYOTO JAPAN PP333-334
1966
BY VENABLES J A
BALL D J
OAR ACCESS NO.....018430-002
DOC NUMBER.....AD647510
INSTR...AF-AFOSM-0061-65
PROJECT/TASK.....0761/03

AFOSM 67-0371
CASE INSTITUTE OF TECHNOLOGY
LOW TEMPERATURE MAGNETIC SPECIFIC HEAT OF NICKEL
PHYS LETTERS V23 N7 PP411-412 14 NOV 1966
BY THOMPSON E D
OAR ACCESS NO.....016670-002
DOC NUMBER.....AD647526
INSTR...AF-AFOSM-0857-65
PROJECT/TASK.....0763/02

AFOSM 67-0372
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LC-TIME BEHAVIOR OF WEAK SUPERCONDUCTING LOOPS
PHYS REV V152 N1 PP207-211 2 DEC 1966
BY SHIN E E
SCHWARTZ D B
OAR ACCESS NO.....007911-005
DOC NUMBER.....AD647626
INSTR...AF-AFOSM-01468
PROJECT/TASK.....0764/01

AFOSM 67-0373
UNIVERSITY OF MARYLAND
STRONG-COUPLING SUPERCONDUCTOR AT NONZERO TEMPERATURE
PHYS REV LETTERS V14 N4 PP102-108 25 JAN 1965
BY SCALAPINO D J
WADA Y
SWIHART J C
FERRELL R A
PRANGE R E
OAR ACCESS NO.....003333-010
DOC NUMBER.....AD647638
INSTR...AF-AFOSM-0735-65
PROJECT/TASK.....0761/01

AFOSM 67-0374
UNIVERSITY OF MARYLAND
DEPENDENCE OF THE SUPERCONDUCTING CRITICAL TEMPERATURE ON
C RUPRECHT PP444-747 1966
BASIC PROBLEMS IN THIN FILM PHYSICS GOTTINGEN-VANDENHOECK
L RUPRECHT PP477-474 1966
BY RANDASIS A
PRANGE R E
YORKE E D
OAR ACCESS NO.....003333-022
DOC NUMBER.....AD647669
INSTR...AF-AFOSM-0735-65
PROJECT/TASK.....0761/01

AFOSM 67-0375
UNIVERSITY OF CALIFORNIA
METHOD OF DETECTING SMALL ANGLES OF MICROWAVE PARADAY
ROTATION
REV SCI INSTR V37 N11 PP1620-1621 NOV 1966
BY CHAI S
VOGELMUT P
OAR ACCESS NO.....008705-001
DOC NUMBER.....AD647641
INSTR...AF-AFOSM-0139-66
PROJECT/TASK.....4751/00

AFOSM 67-0376
YALE UNIVERSITY
THEORY AND APPLICATION OF MOTION AROUND EQUILIBRIUM
POSITIONS
PROGR ASTRON V17 PP3-30 1966
BY SZCZEPAN V G
OAR ACCESS NO.....011493-005
DOC NUMBER.....AD647440
INSTR...AF-AFOSM-0397-65
PROJECT/TASK.....0749/01

AFOSM 67-0377
UNIVERSITY OF SOUTHERN CALIFORNIA
OPTIMAL CONTROL PROBLEMS AS EXTREMAL PROBLEMS IN A BANACH
SPACE
PHOC SYMP SYSTEM THEORY POLYTECHNIC INST BRUKLYN NY 20-22
APR 1965 PP215-224
BY NEUSTADT L F
OAR ACCESS NO.....014491-018
DOC NUMBER.....AD647456
INSTR...AF-AFOSM-0496-65
PROJECT/TASK.....4751/00

AFOSM 67-0378
YALE UNIVERSITY
ON MULTIPLE ORBITS IN THE RESTRICTED PROBLEM OF THREE
BODIES
PROG NATL ACAD SCI V56 N6 PP1641-1645 DEC 66
BY SZCZEPAN V G
OAR ACCESS NO.....011493-006
DOC NUMBER.....AD647444
INSTR...AF-AFOSM-0397-65
PROJECT/TASK.....0749/01

AFOSR 67-0374
BRANDIS UNIVERSITY
CONFORMAL GEOMETRY AND THE INTERPRETATION OF THE WEYL
TENSOR
PERSPECTIVES IN GEOMETRY & RELATIVITY INDIANA U PRESS PP
291-301 1966
BY PIRANEI F A E
SCHILD A
DAR ACCESS NO.....008153-006
DDC NUMBER.....AD947465
INSTH...AF-AFOSM-0349-65
PROJECT/TASK.....9751/01

AFOSR 67-0380
DUKE UNIVERSITY
MILLIMETER- AND SUPRAMILIMETER-WAVE SPECTRA AND MOLECULAR
CONSTANTS OF SILVER CHLORIDE
PHYS REV V152 N1 PP42-45 DEC 1966
BY HEAPSON F
GONDY W
DAR ACCESS NO.....000274-022
DDC NUMBER.....AD647450
INSTH...AF-AFOSM-0403-66
PROJECT/TASK.....9767/02

AFOSR 67-0391
UNIVERSITY OF MULL
KINETICS OF HYDROGEN-OXYGEN AND HYDROCARBON-OXYGEN
REACTIONS FINAL REPORT OCT 1966
BY BALDWIN H H
WALKER H W
DAR ACCESS NO.....001953-001
DDC NUMBER.....AD646850
INSTH...AF-EDAM-008R-65
PROJECT/TASK.....9750/02

AFOSR 67-0382
ATLANTIC RESEARCH CORPORATION
RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
OTSR NO 4 DEC 1966
BY VON FLIEG G
LEVY J H
FRIEDMAN R
MCALFE F T
DAR ACCESS NO.....017041-004
DDC NUMBER.....AD646756
INSTH...AF-497638/0165
PROJECT/TASK.....9713/01

AFOSR 67-0383
INNSBRUCK UNIVERSITY
ONE-DIMENSIONAL ANALYSIS OF A TRAVELLING WAVE ACCELERATOR
SH NO 41 DEC 1966
BY FRIEDEL H
DAR ACCESS NO.....013250-033
DDC NUMBER.....AD646778
INSTH...AF-617052/00675
PROJECT/TASK.....9752/01

AFOSR 67-0384
IIT RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY
IIRI-C227-17 NOV 1966
BY SOLUMON I J
DAR ACCESS NO.....015930-003
DDC NUMBER.....AD646774
INSTH...AF-497638/01175
PROJECT/TASK.....9713/02

AFOSR 67-0385
DUKE UNIVERSITY
PRECISION MEASUREMENT OF DIPOLE MOMENTS AND OTHER SPECTRAL
CONSTANTS OF NORMAL AND ULTRAMER METHYL FLUORIDE AND
METHYL CYANIDE
J MOL SPECTRY V21 N3 PP291-301 NOV 1966
BY STEINER P A
GORDY B
DAR ACCESS NO.....000274-023
DDC NUMBER.....AD647451
INSTH...AF-AFOSM-0493-66
PROJECT/TASK.....9757/02

AFOSR 67-0386
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE ABUNDANCES OF LITHIUM AND BERYLLIUM IN SOME F DWARFS
AND K GIANTS
ASTROPHYS J V146 N2 PP383-391 NOV 1966
BY CONTE P S
DANZIGER I J
DAR ACCESS NO.....000591-013
DDC NUMBER.....AD647465
INSTH...AF-607638/01323
PROJECT/TASK.....9778/01

AFOSR 67-0388
UNIVERSITY OF ROCHESTER
ANTINORMALLY ORDERED CORRELATIONS AND QUANTUM COUNTERS
PHYS REV V152 N1 PP439-451 2 DEC 1966
BY MANDEL L
DAR ACCESS NO.....018030-004
DDC NUMBER.....AD647348
INSTH...AF-607638/01532
PROJECT/TASK.....9767/02

AFOSR 67-0389
UNIVERSITY OF TEXAS
POPULATION INVERSION AND LASER OSCILLATION IN ATOMIC AND
MOLECULAR GASES
JSEP TECHNICAL REPORT NO 30 JAN 1967
BY ALLEN R H
DOUGLAS A A
DAR ACCESS NO.....015424-002
DDC NUMBER.....AD646954
INSTH...AF-AFOSM-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-0390
THE UNIVERSITY OF TEXAS
ACTIVE NETWORK SYNTHESIS USING PRACTICAL AMPLIFIERS
JSEP TECHNICAL REPORT NO 29 DEC 1966
BY COOPER H E
HANNIGANT C D
DAR ACCESS NO.....015242-001
DDC NUMBER.....AD646863
INSTH...AF-AFOSM-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-0391
MARTIN CO
AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS
RESEARCH 3RD COCA BEACH FLORIDA 27-30 JUN 1967
COMPILATION OF ABSTRACTS
DAR ACCESS NO.....017830-001
INSTH...AF-497638/01566
PROJECT/TASK.....9711/01

AFOSR 67-0392
BUREAU OF SOCIAL SCIENCE RESEARCH INC
THE PASSION FOR SKYDIVING
BY KLAUSNER S Z
DAR ACCESS NO.....004071-005
DDC NUMBER.....AD650369
INSTH...AF-497638/01510
PROJECT/TASK.....9779/01

AFOSR 67-0393
NORTHWESTERN UNIVERSITY
ANALYSIS AND DESIGN OF COMMUNICATION NETWORKS WITH MEMORY
JANUARY 1967
BY MAKINE S L
DAR ACCESS NO.....011791-008
DDC NUMBER.....AD646373
INSTH...AF-AFOSM-0098-65
PROJECT/TASK.....9749/01

AFOSR 67-0394
TECHNIUM RESEARCH AND DEVELOPMENT FOUNDATION
SMALL PERTURBATIONS TRANSONIC AND HYPER-CRITICAL FLOWS WITH
SHOCKS FINAL REPORT AUG 1966
BY GEFEN H
DAR ACCESS NO.....019031-001
DDC NUMBER.....AD647193
INSTH...AF-FOAM-0083-65
PROJECT/TASK.....9752/01

AFOSR 67-0395
THE UNIVERSITY OF MICHIGAN
RELAXATION TO EQUILIBRIUM OF A DILUTE PLASMA FINAL REPORT
JAN 1967
BY ONG R S B
FU J H M
DAR ACCESS NO.....019051-001
DDC NUMBER.....AD647193
INSTH...AF-AFOSM-0825-65
PROJECT/TASK.....9783/02

AFOSR 67-0396
CASE INSTITUTE OF TECHNOLOGY
PHOTO-INDUCED REDOX REACTIONS
FEBRUARY 1967
BY KOCHI J K
BETHLA T W III
HAY K F
DAR ACCESS NO.....013160-001
DDC NUMBER.....AD647430
INSTH...AF-AFOSM-0226-63
PROJECT/TASK.....9710/02

AFOSR 67-0397
UNIVERSITY OF CHICAGO
RESEARCH ON VORTICITY IN SUPERFLUID HELIUM FINAL REPORT DEC
1966
BY DUNNELLY R J
DAR ACCESS NO.....016590-011
DDC NUMBER.....AD647522
INSTH...AF-AFOSM-0785-65
PROJECT/TASK.....9767/01

AFOSR 67-0401
UNIVERSITY OF MINNESOTA
RESEARCH ON TRANSPORT AND TRANSFORMATION IN CONTINUUM FINAL
REPORT DEC 1966
BY SCRIVEN L E
DAR ACCESS NO.....013340-005
DDC NUMBER.....AD644962
INSTH...AF-AFOSM-0219-63
PROJECT/TASK.....9767/01

AFOSR 67-0403
UNIVERSITY OF PANAMA
PROCESSING OF SENSORY VISUAL INFORMATION FINAL REPORT JAN
1967
BY ARQUINI A
DAR ACCESS NO.....018632-001
DDC NUMBER.....AD647114
INSTH...AF-EDAM-0026-66
PROJECT/TASK.....9777/01

AFOSR 67-0406
UNIVERSITY OF TORONTO
SERIES REPRESENTATIONS OF DISTRIBUTIONS OF QUADRATIC FORMS
IN NORMAL VARIABLES II NON-CENTRAL CASE
NOVEMBER 1966
BY KOTZ S
JOHNSON N L
BOYD D W
DAR ACCESS NO.....020880-001
DDC NUMBER.....AD647400
INSTR...AF-AFOSR-1009-86
PROJECT/TASK.....9769/02

AFOSR 67-0410
RICE UNIVERSITY
SEARCH FOR GAMMA RADIATION FROM SUPERNOVA REMNANTS FINAL
REPORT JAN 1967
31 JANUARY 1967
BY HAYMES M C
DAR ACCESS NO.....018570-003
DDC NUMBER.....AD647420
INSTR...AF-AFOSR-0838-65
PROJECT/TASK.....4751/02

AFOSR 67-0412
FLORIDA STATE UNIVERSITY
REACTIVE INTERMEDIATES AND POTENTIAL CATALYSTS FINAL
REPORT FEB 1967
BY DE TAR D F
DAR ACCESS NO.....010611-001
DDC NUMBER.....AD647222
INSTR...AF-AFOSR-0529-66
PROJECT/TASK.....9762/02

AFOSR 67-0413
STANFORD RESEARCH INSTITUTE
DEFORMATION CHARACTERISTICS OF LOW DENSITY GRANULAR
MATERIALS
JUN-JUL 1967
BY EVANS M B
REFSE N C
SEELY L H
DAR ACCESS NO.....010371-001
DDC NUMBER.....AD647391
INSTR...AF-AFOSR-0106-69
PROJECT/TASK.....9711/01

AFOSR 67-0414
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
LOW DENSITY HIGH TEMPERATURE GAS DYNAMICS FINAL REPORT
DEC 1966
BY SMOLCEREN J J
DAR ACCESS NO.....012332-001
DDC NUMBER.....AD647391
INSTR...AF-IOAN-0016-66
PROJECT/TASK.....9781/01

AFOSR 67-0415
NEW YORK RESEARCH GROUP INC
A MATHEMATICAL MODEL FOR THE PERCEPTION OF TONES IN CONTEXT
TECH REPT NO 3 DEC 1966
BY ROTHENBERG D
DAR ACCESS NO.....017791-001
DDC NUMBER.....AD647270
INSTR...AF-AFOSR-0173-69
PROJECT/TASK.....4764/05

AFOSR 67-0416
INNSBRUCK UNIVERSITY
ON THE USE OF VARIATIONAL METHODS IN STEADY
MAGNETOGASDYNAMICS
JOURNAL OF APPLIED MATHEMATICS AND PHYSICS
72AMP, V8, NO. 6672-6673 1967
BY CAP F
MULLER G
DAR ACCESS NO.....013250-036
DDC NUMBER.....AD648250
INSTR...AF-81/052/00875
PROJECT/TASK.....9762/01

AFOSR 67-0417
UNIVERSITY OF MARYLAND
PHOSPHORUS COORDINATION COMPOUNDS OF TRANSITION METALS
FINAL REPORT JAN 1967
BY GRIM S D
DAR ACCESS NO.....015430-003
DDC NUMBER.....AD647265
INSTR...AF-AFOSR-0782-65
PROJECT/TASK.....9710/01

AFOSR 67-0418
AVCO EVERETT RESEARCH LABORATORY
A MAGNETIC ANNUAL ARE UNIFORM SHOCK TUBE
RESEARCH REPORT 203 JAN 1967
BY SCHNEIDERMAN A M
PUGH F R
PATRICK C M
DAR ACCESS NO.....002877-005
DDC NUMBER.....AD647719
INSTR...AF-AFOSR-01483
PROJECT/TASK.....4752/01

AFOSR 67-0419
UNIVERSITY OF CALIFORNIA
STUDY OF THE DEVELOPMENT AND STABILIZATION OF OCEANATIONS
FINAL REPORT OCT 1966
BY OPPENHEIM A K
DAR ACCESS NO.....001438-003
DDC NUMBER.....AD647467
INSTR...AF-AFOSR-0124-66
PROJECT/TASK.....9711/01

AFOSR 67-0420
STANFORD UNIVERSITY
AN EXPERIMENTAL STUDY OF TURBULENT BOUNDARY LAYER ON ROUGH
WALLS
REPORT NO-15 JULY 1966
BY LIU C K
KLINE S J
JOHNSTON J P
DAR ACCESS NO.....001402-004
DDC NUMBER.....AD647768
INSTR...AF-AFOSR-0137-68
PROJECT/TASK.....9711/02

AFOSR 67-0421
PURDUE UNIVERSITY
A KEYWORD AND AUTHOR INDEX FOR THE MASTERS THESES IN THE
PURE AND APPLIED SCIENCES ACCEPTED BY U S COLLEGES AND
UNIVERSITIES FINAL REPORT NOV 1966
L/ DAVIS F
TULLOUKIAN Y S
DAR ACCESS NO.....019460-006
DDC NUMBER.....AD649107
INSTR...AF-AFOSR-01371
PROJECT/TASK.....9769/01

AFOSR 67-0422
NORTHWESTERN UNIVERSITY
ON SHIFT-REGISTER REALIZATIONS OF SEQUENTIAL MACHINES
BY SU C C
DAR ACCESS NO.....011791-007
DDC NUMBER.....AD649593
INSTR...AF-AFOSR-0048-65
PROJECT/TASK.....9749/01

AFOSR 67-0423
UNIVERSITY OF PENNSYLVANIA
DESIGN PRINCIPLES FOR AN ON-LINE INFORMATION RETRIEVAL
SYSTEM
67-14 DEC 1966
BY LOWE F C
DAR ACCESS NO.....011842-003
DDC NUMBER.....AD649198
INSTR...AF-AFOSR-01421
PROJECT/TASK.....9769/01

AFOSR 67-0424
UNIVERSITY OF CALIFORNIA
OPTIMAL CONTROL OF CONTINUOUS-TIME STOCHASTIC SYSTEMS
66-1 AUG 1966
BY MONTENSON R E
DAR ACCESS NO.....008704-020
DDC NUMBER.....AD649159
INSTR...AF-AFOSR-0130-65
PROJECT/TASK.....4751/00

AFOSR 67-0425
UNIVERSITY OF DELAWARE
ON THE QUANTUM STATISTICS OF MODE MIXING IN NONLINEAR MEDIA
TECH REPORT 061 AUG 1966
BY JELSKA L F
DAR ACCESS NO.....010892-007
DDC NUMBER.....AD649111
INSTR...AF-AFOSR-0002-65
PROJECT/TASK.....9768/00

AFOSR 67-0427
UNIVERSITY OF ROCHESTER
DIRECT AND COHE-POLARIZATION CONTRIBUTIONS TO THE KNIGHT
SHIFT IN METALLIC ALUMINUM
PHYS REV V152 N1 PP270-278 2 DEC 1966
BY SHYU B M
LAS T P
GASPARI G D
DAR ACCESS NO.....002743-009
DDC NUMBER.....AD647370
INSTR...AF-AFOSR-0811-64
PROJECT/TASK.....9781/01

AFOSR 67-0428
UNIVERSITY OF WASHINGTON
COLLISIONAL ENERGY TRANSFER THERMAL UNIMOLECULAR SYSTEMS IN
THE LOW-PRESSURE REGION
J CHEM PHYS V85 N10 PP3720-3730 15 NOV 1966
BY TARDY U C
HARINOVITCH A S
DAR ACCESS NO.....020020-001
DDC NUMBER.....AD647349
INSTR...AF-AFOSR-01633
PROJECT/TASK.....9760/02

AFOSR 67-0429
UNIVERSITY OF CALIFORNIA
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXIX
RELATIONSHIPS BETWEEN POSITION OF SUBSTITUTION OF ALLYLIC
RADICALS AND THE KINETIC AND THERMODYNAMIC STABILITIES OF THE
J AM CHEM SOC V88 N24 PP5777-5791 20 DEC 1966
BY FLA S W
CHAM D J
DAR ACCESS NO.....011701-003
DDC NUMBER.....AD647375
INSTR...AF-AFOSR-0124-65
PROJECT/TASK.....9762/02

AFOSR 67-0430
UNIVERSITY OF SOUTHERN CALIFORNIA
ENRON PROBABILITIES IN PCM/CM WITH PHASE-LOCK LOOP
DISCRIMINATORS
IEEE TRANS AEROSPACE ELECTRON SYSTEMS VACS-2 N5 PP608-611
SEP 1966
BY GAGLIARDI M M
DAR ACCESS NO.....014401-014
DDC NUMBER.....AD647317
INSTR...AF-AFOSR-0446-65
PROJECT/TASK.....4751/00

AFOSR 67-0431
UNIVERSITY OF SOUTHERN CALIFORNIA
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD
CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
J SIAM CONTROL V6 N3 PP809-877 1968
BY NEUSTANT L W
DAR ACCESS NO.....014498-008
DOC NUMBER.....AD647318
INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....4751/00

AFOSR 67-0432
UNIVERSITY OF SOUTHERN CALIFORNIA
EXCITATION OF WAVES IN HOT-PLASMA WAVEGUIDES WITH INFINITE
MAGNETOSTATIC FIELDS
J APPL PHYS V37 N6 PP1724-1729 15 MAR 1966
BY KUEHL M H
STEWART G E
DAR ACCESS NO.....014491-020
DOC NUMBER.....AD647318
INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....4751/00

AFOSR 67-0433
ISRAEL INSTITUTE OF TECHNOLOGY
MAGNETIZATION OF FERROMAGNETIC MULTIPLE FILMS AT
LIQUID HELIUM TEMPERATURES
PHOC INTERN SYM CLAUSEN-GOTTINGEN PP477-486 6-11 SEP
1965
BY MIRSCH A A
DAR ACCESS NO.....014700-009
DOC NUMBER.....AD647378
INSTR...AF-AFOSR-0071-63
PROJECT/TASK.....4763/02

AFOSR 67-0434
CASE INSTITUTE OF TECHNOLOGY
MAGNETIC BREAKDOWN IN THE LONG DIVA PERIODS IN ZINC
LOW TEMP PHYS-LTV PTJ W854-888 1965
BY LAWSON J R
GORDON W L
DAR ACCESS NO.....005352-006
DOC NUMBER.....AD647441
INSTR...AF-AFOSR-0536-64
PROJECT/TASK.....4763/02

AFOSR 67-0435
CASE INSTITUTE OF TECHNOLOGY
THE FERMI SURFACE OF ALUMINUM AND DILUTE ALUMINUM-ZINC
ALLOYS
LOW TEMP PHYS-LTV PTH PP752-759 1965
BY SHERROD J D G
LAWSON C O
GORDON W L
DAR ACCESS NO.....005352-007
DOC NUMBER.....AD647438
INSTR...AF-AFOSR-0536-64
PROJECT/TASK.....4763/02

AFOSR 67-0436
CASE INSTITUTE OF TECHNOLOGY
OBSERVATION OF CYCLOTRON RESONANCE IN MAGNESIUM
LOW TEMP PHYS-LTV PTH PP759-760 1965
BY ECK T G
SHAW M P
DAR ACCESS NO.....005352-008
DOC NUMBER.....AD647439
INSTR...AF-AFOSR-0536-64
PROJECT/TASK.....4763/02

AFOSR 67-0437
CASE INSTITUTE OF TECHNOLOGY
CYCLOTRON RESONANCE INVESTIGATION OF THE FERMI SURFACE OF
CADMIUM
LOW TEMP PHYS-LTV PTH PP761-764 1964
BY SHAW M P
ECK T G
DAR ACCESS NO.....005352-009
DOC NUMBER.....AD647437
INSTR...AF-AFOSR-0536-64
PROJECT/TASK.....4763/02

AFOSR 67-0438
UNIVERSITY OF MARYLAND
SOLUTION OF THE GAP EQUATION FOR Pb Hg AND AL
PHYS REV LETTERS VIA N6 PP106-108 25 JAN 65
BY SWINART J C
SCALAPINO D J
WADA Y
DAR ACCESS NO.....005333-020
DOC NUMBER.....AD647381
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....4761/01

AFOSR 67-0439
STANFORD UNIVERSITY
MULTIPLE ACOUSTIC DIFFRACTION TECHNIQUES FOR FREQUENCY
SHIFTING OF LASER SOURCES
PHOC IEEE V54 N9 PP1217-1218 SEP 1966
BY TSAI C S
AULD R A
DAR ACCESS NO.....004463-002
DOC NUMBER.....AD647345
INSTR...AF-49/63R/01629
PROJECT/TASK.....4751/00

AFOSR 67-0440
UNIVERSITY OF SOUTHERN CALIFORNIA
CODING THE VERTICES OF A GRAPH
IEEE TRANS INFORM THEOR VET-21 N2 PP191-193 APRIL 1966
BY GREUER M A
DAR ACCESS NO.....014491-021
DOC NUMBER.....AD647316
INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....4751/00

AFOSR 67-0441
UNIVERSITY OF SOUTHERN CALIFORNIA
THE FORMULATION OF SOME ALLOCATION AND CONNECTION
PROBLEMS AS INTEGER PROGRAMS
NAVAL RES LOGISTICS QUART V13 N1 PP83-95 MARCH 1966
BY BREUER M A
DAR ACCESS NO.....014491-025
DOC NUMBER.....AD638511
INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....4751/00

AFOSR 67-0442
UNIVERSITY OF SOUTHERN CALIFORNIA
ON THE FEEDBACK CONTROL OF DISTRIBUTED PARAMETER SYSTEMS
INTERN J CONTROL V3 N3 PP265-271 1966
BY WANG P K C
DAR ACCESS NO.....014498-006
DOC NUMBER.....AD647320
INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....4751/00

AFOSR 67-0443
THE JOHNS HOPKINS UNIVERSITY
SPECTRAL ANALYSIS FOR GEOPHYSICAL DATA
GEOPHYS J ROY ASTRON SOC VII PPP25-236 1966
BY MAHMAN E J
DAR ACCESS NO.....014670-006
DOC NUMBER.....AD647320
INSTR...AF-49/63R/01302
PROJECT/TASK.....4749/02

AFOSR 67-0444
UNIVERSITY OF ROCHESTER
POLARIZED POSITRON ANNIHILATION IN FERROMAGNETIC NICKEL
PHYS LETTERS V21 N6 PP610-611 1 JUL 1966
BY MIALISIM T W
PARKS R D
DAR ACCESS NO.....016610-001
DOC NUMBER.....AD648213
INSTR...AF-AFOSR-0807-65
PROJECT/TASK.....4763/02

AFOSR 67-0445
FLORIDA STATE UNIVERSITY
ISOMERIC SPIN IN NUCLEAR PHYSICS
ANN REV NUCL SCI V16 PP119-152 1966
BY ROHSON D
DAR ACCESS NO.....005114-006
DOC NUMBER.....AD647443
INSTR...AF-AFOSR-0440-65
PROJECT/TASK.....4751/02

AFOSR 67-0446
FLORIDA STATE UNIVERSITY
A BROAD-RANGE MAGNETIC SPECTROGRAPH SYSTEM FOR ROUTINE
ANGULAR DISTRIBUTION DETERMINATIONS
NUCL INSTR METHODS V44 PP98-102 1966
BY FELDE E
PETROW C
MOORE C F
DAR ACCESS NO.....005114-007
DOC NUMBER.....AD648174
INSTR...AF-AFOSR-0440-66
PROJECT/TASK.....4751/02

AFOSR 67-0447
UNIVERSITY OF CALIFORNIA
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXX
BEHAVIOR OF PHENYLALYLIC ANIONS AND THEIR CONJUGATED ACIDS
J AM CHEM SOC V88 N24 PP5791-5802 20 DEC 1966
BY ELA S H
GRAM D J
DAR ACCESS NO.....011701-004
DOC NUMBER.....AD647999
INSTR...AF-AFOSR-0124-65
PROJECT/TASK.....4762/02

AFOSR 67-0449
FLORIDA STATE UNIVERSITY
COMPREHENSIVE FORMALISM FOR NUCLEAR REACTION PROBLEMS I
DERIVATION OF EXISTING REACTION THEORIES
PHYS REV V151 N3 PP774-787 18 NOV 1966
BY LANE A H
ROHSON D
DAR ACCESS NO.....005114-008
DOC NUMBER.....AD647996
INSTR...AF-AFOSR-0440-66
PROJECT/TASK.....4751/02

AFOSR 67-0450
HUGHES RESEARCH LABORATORIES
INVESTIGATION OF SPECTRAL BLEACHING IN PASSIVE Q-SWITCH
DYES
APPL PHYS LETTERS V9 N5 PP196-198 SEP 1966
BY GIULIANO C H
HESS L D
DAR ACCESS NO.....015101-001
DOC NUMBER.....AD648589
INSTR...AF-49/63R/01607
PROJECT/TASK.....4768/02

AFOSR 67-0451
UNIVERSITY OF SOUTHERN CALIFORNIA
A RIGID STATE APPROACH TO THE SYNTHESIS OF BIOENGINEERING
CONTROL SYSTEMS
IEEE TRANS HUMAN FACTORS ELECTRON VHF-7 N2 PP65-69 JUN
1966
BY TOMOVIC W
MCGHEE I B
DAR ACCESS NO.....014491-022
DOC NUMBER.....AD646272
INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....4751/00

AFOSR 67-0452
UNIVERSITY OF SOUTHERN CALIFORNIA
ADAPTIVE SAMPLING BASED ON AMPLITUDE SENSITIVITY
IEEE TRANS AUTOM CONTROL VAC-11 N2 PP262-268 APR 1966
BY TOMOVIC H
DEKEY G A
OAR ACCESS NO.....014891-023
DOC NUMBER.....AD648873
INSTR...AF-AFOSR-0452-68
PROJECT/TASK.....4751/00

AFOSR 67-0463
POLYTECHNIC INSTITUTE OF BROOKLYN
ANALYTIC APPROACH TO ROOT LOCUS
IEEE TRANS AUTOM CONTROL VAC-11 N1 PP108-108 JAN 1966
BY KRISHNAN V
OAR ACCESS NO.....001085-020
DOC NUMBER.....AD648851
INSTR...AF-AFOSR-0463-68
PROJECT/TASK.....4751/00

AFOSR 67-0453
UNIVERSITY OF SOUTHERN CALIFORNIA
SURFACE RECOMBINATION VELOCITIES AND DIFFUSION LENGTHS IN
GAS
PRUC INTERN CONF PHYS SEMICOND KYOTO J PHYS SOC JAPAN V21
PP312-316 1966
BY WITTHY D B
KYSER D F
OAR ACCESS NO.....011911-002
DOC NUMBER.....AD647458
INSTR...AF-AFOSR-0076-68
PROJECT/TASK.....9761/03

AFOSR 67-0464
UNIVERSITY OF SOUTHERN CALIFORNIA
SPACE-TIME CROSS-CORRELATION FUNCTIONS FOR ANTENNA ARRAY
ELEMENTS IN A NOISE FIELD
IEEE TRANS INFORM THEORY PP102-100 APRIL 1965
BY CHILDERS D G
HRED I S
OAR ACCESS NO.....012300-004
DOC NUMBER.....AD648269
INSTR...AF-AFOSR-0188-63
PROJECT/TASK.....9768/00

AFOSR 67-0454
POLYTECHNIC INSTITUTE OF BROOKLYN
NEAREST-NEIGHBOR ELECTRON SCATTERING IN SILICON
APPL PHYS LETT V9 N7 PP661-263 1 OCT 1966
BY STERN R M
TAUB M
OAR ACCESS NO.....018660-003
DOC NUMBER.....AD648565
INSTR...AF-AFOSR-0130-69
PROJECT/TASK.....9761/01

AFOSR 67-0465
POLYTECHNIC INSTITUTE OF BROOKLYN
AN EXPLICIT RELATION BETWEEN MUTUAL COUPLING AND THE
PATTERN OF AN ANTENNA ARRAY
J IEEE INTERN CONV RECORD PT 5 PP167-171 1966
BY KAHN W K
WASYLINSKY J W
OAR ACCESS NO.....001085-025
DOC NUMBER.....AD648269
INSTR...AF-AFOSR-0140-62
PROJECT/TASK.....4751/00

AFOSR 67-0455
STANFORD UNIVERSITY
DOPPLER CONVECTION AND ADIABATIC TIME DOMAIN CONVERSION OF
ACOUSTIC AND SPIN WAVES
APPL PHYS LETT V9 N5 PP192-194 SEP 1966
BY AULD B A
TSAT C S
OAR ACCESS NO.....004663-003
DOC NUMBER.....AD648550
INSTR...AF-AFOSR-0142-69
PROJECT/TASK.....9768/02

AFOSR 67-0466
FLORIDA STATE UNIVERSITY
ELASTIC SCATTERING OF ALPHA-PARTICLES BY 24MG IN THE ENERGY
RANGE 8 TO 19 MEV
NUCL PHYS V84 PP641-650 1966
BY SU S S
HAYER-BORICKE C
OAR ACCESS NO.....008114-009
DOC NUMBER.....AD647382
INSTR...AF-AFOSR-0440-66
PROJECT/TASK.....9751/02

AFOSR 67-0456
PHILIPS LABORATORIES INC
IMPROVED SITS FOR X-RAY POWDER DIFFRACTOMETERS
REV SCI INSTR V37 N11 PP1607-1608 NOV 66
BY PARRISH W
OAR ACCESS NO.....016081-004
DOC NUMBER.....AD648567
INSTR...AF-AFOSR-0123-64
PROJECT/TASK.....3820/00

AFOSR 67-0467
TECHNION/ISRAEL INST OF TECH
INVERSION OF THE ECCENTRICITY EFFECT IN STIFFENED
CYLINDRICAL SHELLS BUCKLING UNDER EXTERNAL PRESSURE
J MECH ENG SCI V8 N4 PP363-373 1966
BY SINGER J
BARUCH M
HARARI O
OAR ACCESS NO.....001323-011
DOC NUMBER.....AD648255
INSTR...AF-AFOSR-0058-63
PROJECT/TASK.....9762/01

AFOSR 67-0457
UNIVERSITY OF MIAMI
NONPLANAR CYCLOUTANE I THE 3-ISOPROPYLCYCLOUTYL SYSTEM
NUCLEAR MAGNETIC RESONANCE SPECTRA OF ALCOHOLS AND AMINES
J AM CHEM SOC V89 PP155-156 1967
BY LILLIEN I
DOUGHTY M A
OAR ACCESS NO.....012870-003
DOC NUMBER.....AD648174
INSTR...AF-AFOSR-0123-63
PROJECT/TASK.....9762/02

AFOSR 67-0468
AEROCHEM RESEARCH LABS INC
EFFECTS OF THE STEFAN-HUSSELT FLOW ON THE APPARENT KINETICS
OF HETEROGENEOUS CHEMICAL REACTIONS IN FORCED CONVECTION
SYSTEMS
INTERM J HEAT MASS TRANSFER V9 PP1233-1255 NOV 1966
BY ROSNER D E
OAR ACCESS NO.....009780-013
DOC NUMBER.....AD647532
INSTR...AF-AFOSR-0113-69
PROJECT/TASK.....9750/02

AFOSR 67-0458
MCGILL UNIVERSITY
XENON YIELDS IN THE FISSION OF HEAVY ELEMENTS BY MEDIUM-
ENERGY PHOTONS
CAN J CHEM V44 PP2051-2072 1966
BY FORSTER J H
POHLE M T
YARFE L
OAR ACCESS NO.....009380-004
DOC NUMBER.....AD647342
INSTR...AF-AFOSR-0024-62
PROJECT/TASK.....9760/01

AFOSR 67-0469
SPACE SCIENCES INC
KINETIC THEORY OF DIFFUSION IN RAREFIED GASES
PHYS FLUIDS V9 N9 PP147A-1685 SEP 1966
BY ZIEMING S
SHEINBLATT M
OAR ACCESS NO.....012390-006
DOC NUMBER.....AD647489
INSTR...AF-AFOSR-0122-68
PROJECT/TASK.....9763/01

AFOSR 67-0459
UNIVERSITY OF CALIFORNIA
DI-T-BUTYLHYDROPEROXIDE A CONVENIENT SOURCE OF
T-BUTOXY RADICALS
TETRAHEDRON LETTERS N49 PP6163-6168 1966
BY KIEFER H
THAYLUM T G
OAR ACCESS NO.....014381-002
INSTR...AF-AFOSR-0314-66
PROJECT/TASK.....9762/02

AFOSR 67-0470
UNIVERSITA DEGLI STUDI DI NAPLES
TRANSONIC APPROXIMATIONS FOR REACTING MIXTURES
ISRAEL J TECHNOL V4 N1 PP159-171 FEB 1966
BY NAPOLITANO L G
OAR ACCESS NO.....006031-001
INSTR...AF-61/052/00663
PROJECT/TASK.....9761/02

AFOSR 67-0460
UNIVERSIDAD DE CHILE
BEHAVIORAL AND POLYGRAPHIC STUDY OF SLEEP AND WAKEFULNESS
IN CHRONIC DECEPTEE CATS
ELECTROENCEPHALOG GLIN NEUROPHYSIOL V21 PP567-577 1966
BY VILLABLANCA J
OAR ACCESS NO.....010803-005
DOC NUMBER.....AD647380
INSTR...AF-AFOSR-0317-63
PROJECT/TASK.....9777/01

AFOSR 67-0471
HARVARD UNIVERSITY
PHYS REV V151 N4 PP1055-1057 25 NOV 1966
BY SCHWINGER J
OAR ACCESS NO.....006001-027
DOC NUMBER.....AD647489
INSTR...AF-AFOSR-0130-69
PROJECT/TASK.....9751/01

AFOSR 67-0462
UNIVERSITY OF CALIFORNIA
ION CYCLOTRON INSTABILITIES IN A BOUNDED BEAM-PLASMA SYSTEM
JAPAN J APPL PHYS V5 N1 PP105-112 JAN 1966
BY HASEGAWA A
OAR ACCESS NO.....008703-036
DOC NUMBER.....AD647370
INSTR...AF-AFOSR-0139-64
PROJECT/TASK.....4751/00

AFOSR 67-0472
HARVARD UNIVERSITY
ELECTRIC-AND MAGNETIC-CHARGE RENORMALIZATION II
PHYS REV V151 N4 PP1055-1057 25 NOV 1966
BY SCHWINGER J
OAR ACCESS NO.....004861-029
INSTR...AF-AFOSR-0138-64
PROJECT/TASK.....4751/01

AFOSR 67-0472
IMPERIAL COLLEGE
MUTUAL REFRACTION OF ELECTRONS AND PHOTONS
PHYS REV V150 N4 PP1089-1099 OCT 66
BY KIDNLE T W H
OAR ACCESS NO.....010661-029
DOC NUMBER.....AD647435
INSTR...AF-FOAR-0046-64
PROJECT/TASK.....9750/01

AFOSR 67-0473
TEL AVIV UNIVERSITY
INHOMOGENEOUS COMPLETION OF NON-COMPACT SCHEMPLER GROUPS
WITH THE MAXIMAL COMPACT SUBGROUP AS LITTLE GROUP
COMMUN MATH PHYS V3 PP181-186 1966
BY NE EMAN Y
OAR ACCESS NO.....021400-006
DOC NUMBER.....AD647517
INSTR...AF-ECAM-0039-66
PROJECT/TASK.....9751/01

AFOSR 67-0474
HARVARD UNIVERSITY
ELECTRIC AND MAGNETIC-CHARGE RENORMALIZATION I
PHYS REV V151 N4 PP1048-1054 25 NOV 1966
BY SCHWINGER J
OAR ACCESS NO.....004861-028
DOC NUMBER.....AD647347
INSTR...AF-49/638/01380
PROJECT/TASK.....475/01

AFOSR 67-0474
HARVARD UNIVERSITY
ELECTRIC AND MAGNETIC-CHARGE RENORMALIZATION I
PHYS REV V151 N4 PP1048-1054 25 NOV 1966
BY SCHWINGER J
OAR ACCESS NO.....004861-030
INSTR...AF-49/638/01380
PROJECT/TASK.....9751/01

AFOSR 67-0475
UNIVERSITY OF CALIFORNIA
POSSIBLE ONE-CHANNEL CASTILLEJO-DALITZ-DYSON POLES IN π AND
SCATTERING
PHYS REV V150 N4 PP1377-1386 28 OCT 66
BY ATKINSON D
MALPERN M D
OAR ACCESS NO.....005134-006
DOC NUMBER.....AD647374
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-0476
UNIVERSITY OF ILLINOIS
A STUDY OF TURBULENCE AT A WALL USING AN ELECTROCHEMICAL
WALL SHEAR-STRESS METER
J FLUID MECH V26 PT1 PP199-221 1966
BY MITCHELL J C
NAMPATY I J
OAR ACCESS NO.....014512-001
DOC NUMBER.....AD647453
INSTR...AF-AFOSR-0547-66
PROJECT/TASK.....9783/01

AFOSR 67-0477
UNIVERSITY OF TEXAS
INELASTIC EXCITATION TRANSFER IN HELIUM
J CHEM PHYS V45 N4 PP2167-2169 15 SEP 1966
BY TETER M D
ROBERTSON M W
OAR ACCESS NO.....005305-001
DOC NUMBER.....AD647431
INSTR...AF-AFOSR-0273-66
PROJECT/TASK.....9750/02

AFOSR 67-0478
UNIVERSITY OF TEXAS
CONTINUUM RADIATION IN AN ARGON POSITIVE COLUMN
J CHEM PHYS V45 N7 PP2577-2584 1 OCT 1966
BY PRINCE J F
ROBERTSON M W
OAR ACCESS NO.....005304-004
DOC NUMBER.....AD647429
INSTR...AF-AFOSR-0273-66
PROJECT/TASK.....9750/02

AFOSR 67-0479
UNIVERSITY OF SOUTHERN CALIFORNIA
LOCAL MODE ABSORPTION IN COMPENSATED SILICON-DOPED GALLIUM
ARSENIDE
J APPL PHYS V37 N10 PP3697-3691 SEP 1966
BY LORIMOR U G
SPITZER R C
OAR ACCESS NO.....014442-007
DOC NUMBER.....AD647449
INSTR...AF-AFOSR-0496-66
PROJECT/TASK.....4751/00

AFOSR 67-0480
UNIVERSITY OF ROCHESTER
GROWTH OF DISTORTION IN A FINITE-AMPLITUDE SOUND WAVE IN
AIR
ACOUST SOC AM V40 N3 PP731-733 SEP 1966
BY CRUIKSHANK D H JH
OAR ACCESS NO.....011171-004
DOC NUMBER.....AD647349
INSTR...AF-49/638/01320
PROJECT/TASK.....9741/02

AFOSR 67-0481
UNIVERSITY OF MINNESOTA
STRUCTURE OF DIMETHYLGOLD(I)/ COMPOUNDS SPECTROSCOPIC
STUDIES ON THE AQUO ION AND SEVERAL COORDINATION COMPOUNDS
J AM CHEM SOC V88 N24 PP5738-5744 20 DEC 1966
BY WILFS M G
GLASS G F
TODIAS R S
OAR ACCESS NO.....014880-004
DOC NUMBER.....AD648258
INSTR...AF-AFOSR-0691-68
PROJECT/TASK.....9710/01

AFOSR 67-0482
KAYTHON COMPANY
SOME EFFICIENCY MEASUREMENTS OF THE THETA-PINCH
J APPL PHYS V37 N5 PP2155-2161 APR 1966
BY SILBERG M A
OAR ACCESS NO.....015110-002
DOC NUMBER.....AD647499
INSTR...AF-49/638/01420
PROJECT/TASK.....4768/02

AFOSR 67-0483
UNIVERSITY OF SOUTHERN CALIFORNIA
SENSITIVITY OF DISCRETE SYSTEMS TO VARIATION OF SAMPLING
INTERVAL
IEEE TRANS AUTOM CONTROL VAC-11 N2 PP284-287 APR 1966
BY HEKEY G A
TOMOVIC R
OAR ACCESS NO.....014491-024
DOC NUMBER.....AD648274
INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....4751/00

AFOSR 67-0484
HUGHES RESEARCH LABORATORIES
VALIDITY OF THE HYPOX APPROXIMATION IN OPTICAL PROPAGATION
CALCULATIONS
J OPT SOC AM V58 N8 PP1045-1052 AUG 1966
BY HOGAN M P JR
OAR ACCESS NO.....015100-005
DOC NUMBER.....AD648564
INSTR...AF-49/638/01439
PROJECT/TASK.....9768/02

AFOSR 67-0485
POLYTECHNIC INSTITUTE OF BROOKLYN
NEW PROPERTY OF THE STABILITY DIAGRAM FOR CURVED-MINOR
RESONATORS
ELECTRON LETTERS V2 N9 SEP 1966
BY HARRISON J A
KANN M K
OAR ACCESS NO.....001685-026
DOC NUMBER.....AD648556
INSTR...AF-49/638/01402
PROJECT/TASK.....4751/00

AFOSR 67-0486
UNIVERSITY OF SOUTHERN CALIFORNIA
NEW SOLUTIONS TO THE SIGNAL DESIGN PROBLEM FOR COHERENT
CHANNELS
IEEE TRANS INFORM THEORY VET-12 N2 PP161-167 APR 1966
BY WEBER C L
OAR ACCESS NO.....014491-026
DOC NUMBER.....AD648276
INSTR...AF-AFOSR-0496-65
PROJECT/TASK.....4751/00

AFOSR 67-0487
UNIVERSITY OF CALIFORNIA
NECESSARY CONDITIONS FOR THE REALIZABILITY OF N-PORT
RESISTIVE NETWORKS WITH MORE THAN \sqrt{N} PLUS 1/2 NODES
IEEE TRANS CIRCUIT THEORY VCT-12 N4 PP520-527 DEC 1965
BY FRISCH I T
SWAMINATHAN K R
OAR ACCESS NO.....008703-037
DOC NUMBER.....AD647457
INSTR...AF-AFOSR-0139-64
PROJECT/TASK.....4751/00

AFOSR 67-0488
UNIVERSITY OF CALIFORNIA
ABSOLUTE RADIATION STANDARDS IN THE FAR INFRARED
J OPT SOC AM V54 N1 PP75-79 JAN 1966
BY LICHTENBERG A J
SESNIC S
OAR ACCESS NO.....008703-038
DOC NUMBER.....AD648207
INSTR...AF-AFOSR-0139-64
PROJECT/TASK.....4751/00

AFOSR 67-0489
RUTGERS UNIVERSITY
ISOTOPIC DIFFERENCES IN THE ZERO DEGREE K VOLUME AND
SUBLIMATION ENERGIES OF SOLID ALGa AND ALGaCN
PHYSICS SOC V89 PP493-1001 1966
BY HOGAN J S
FELDMAN J L
OAR ACCESS NO.....010101-005
DOC NUMBER.....AD648260
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9761/01

AFOSR 67-0490
UNIVERSITY OF CALIFORNIA
CERTAIN SEMICONDUCTOR APPLICATIONS OF THE SCANNING ELECTRON
MICROSCOPE
ELECTRON MICROSCOPE P4665-676 1966
BY EVERHART T E
OAR ACCESS NO.....008703-039
DOC NUMBER.....AD647372
INSTR...AF-AFOSR-0139-64
PROJECT/TASK.....4751/00

AFOSR 67-0491
UNIVERSITY COLLEGE
ANALYSIS OF SPACE-TIME STRUCTURE IN ELEMENTARY PARTICLE
PHYSICS
NUOVO CIMENTO BERR V44 PP1-38 MAY 1966
BY CASTELL L
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0492
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GROWTH OF BARIUM EUCLIDEUM TELLURIDE AND ITS DEPOSITION BY VAPOR DEPOSITION
PHOC INTERN CONC CRYSTAL GROWTH BOSTON JAN 1966
SUPPL J PHYS CHEM SOLIDS PP271-279 1967
BY SCHIEDER M
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0493
CORNELL UNIVERSITY
ELECTRONIC STRUCTURE OF THE BARIUM EUCLIDEUM TELLURIDE FROM THE METAL POTASSIUM X-RAY SPECTRA
J CHEM PHYS V44 NO PP268-273 MAY 1966
BY BEST P F
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0494
THE UNIVERSITY OF HOCHSTADT
ANISOTROPIC SPIN POLARIZATION IN FERROMAGNETIC NICKEL
PHYS REV LETTERS V10 NO PP210-211 5 P 1967
BY NIMALISIN T M
PARKS R J
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0495
UNIVERSIDAD DE CHILE
EFFECTS OF PENTAMETHYLENETETRAZOL IN CHONDRIO DATA WITH
MESENCEPHALIC TRANSFECTION
INTERN PHARMACOL CONGR III SAO PAULO BRZIL EN 30-31 1966
BY VILLABLANCA J
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0496
UNIVERSITE DE LYON
EEG AND BEHAVIOURAL EFFECTS OF DEPRIVATION OF ENDOGENOUS
SLEEP IN THE CAT (FRENCH)
ELECTROENCEPHALOG CLIN NEUROPHYSIOL V20 PP330-334 1966
BY VIMONT-VICARY P
JOUVEY-MONTEIN O
DELOPHE F
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0497
UNIVERSITE DE LYON
PARADOXICAL SLEEP AND DREAMING AMONG THE MENTAL EFFECTS
OF FENICHL
ACTA NEUROL PSYCHIAT BELG VON PP110-122 1966
BY JOUVEY M
DETRE-QUANDEN O
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0498
UNIVERSITE DE LYON
SLEEP AND MONAMINES (FRENCH)
MULL ACAD SUITE SCI MED V27 N4 PP207-209 1966
BY JOUVEY M
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0499
MAX-PLANCK INSTITUTE
THE DURATION OF NE-ENTRAINMENT OF CIRCADIAN RHYTHMS AFTER
PHASE SHIFTS OF THE ZEITGEBEN
J THEORET BIOL V13 PP187-201 1966
BY MEYER R
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0500
KAROLINSKA INSTITUTE
INHIBITORY ACTION OF ADRENALINE HYDROLYSING ACTIVITY IN
CATECHOLAMINE RELEASE AND UPTAKE IN ISOLATED NERVE
GRANULES
ACTA PHYSIOL SCAND V44 PP257-262 1966
BY VON EULER U S
LISMAJOKI E
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0501
LAWRENCE LIVERMORE INSTITUTE
CATIONIC AMINE FUNCTION IN AMINO-DECOMPLATED DATA EXPOSED
TO THE 1000 X RAY CATHODIC DISCHARGE TREATMENT
ACTA PHYSIOL SCAND V44 PP109-114 1966
BY POLA LOT B
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0502
KAROLINSKA INSTITUTE
THE EFFECTS OF THE EXPOSURE ON THE CATECHOLAMINE SYSTEM IN
THE HYPOTHALAMUS OF THE RAT
ACTA PHYSIOL SCAND V44 PP179-182 1966
BY JONSSON G S
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0503
UNIVERSITA DEGLI STUDI DI GENOVA
KINETIC EFFECTS OF SELECTIVE PHARMACOLOGICAL
INHIBITORS OF THE ADENYLATE CYCLASE IN EXPERIMENTAL STUDY
ON THE ADENYLATE CYCLASE IN THE ADENYLATE CYCLASE
ACTA PHYSIOL SCAND V44 PP183-186 1966
BY GENTILE A
MURRI G
PATTONE J
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0504
UNIVERSITA DEGLI STUDI DI GENOVA
KINETIC EFFECTS OF SELECTIVE PHARMACOLOGICAL
INHIBITORS OF THE ADENYLATE CYCLASE IN EXPERIMENTAL STUDY
ON THE ADENYLATE CYCLASE IN THE ADENYLATE CYCLASE
ACTA PHYSIOL SCAND V44 PP183-186 1966
BY GENTILE A
MURRI G
PATTONE J
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0505
UNIVERSITA DEGLI STUDI DI GENOVA
KINETIC EFFECTS OF SELECTIVE PHARMACOLOGICAL
INHIBITORS OF THE ADENYLATE CYCLASE IN EXPERIMENTAL STUDY
ON THE ADENYLATE CYCLASE IN THE ADENYLATE CYCLASE
ACTA PHYSIOL SCAND V44 PP183-186 1966
BY GENTILE A
MURRI G
PATTONE J
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0506
UNIVERSITA DEGLI STUDI DI GENOVA
KINETIC EFFECTS OF SELECTIVE PHARMACOLOGICAL
INHIBITORS OF THE ADENYLATE CYCLASE IN EXPERIMENTAL STUDY
ON THE ADENYLATE CYCLASE IN THE ADENYLATE CYCLASE
ACTA PHYSIOL SCAND V44 PP183-186 1966
BY GENTILE A
MURRI G
PATTONE J
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0507
UNIVERSITA DEGLI STUDI DI GENOVA
KINETIC EFFECTS OF SELECTIVE PHARMACOLOGICAL
INHIBITORS OF THE ADENYLATE CYCLASE IN EXPERIMENTAL STUDY
ON THE ADENYLATE CYCLASE IN THE ADENYLATE CYCLASE
ACTA PHYSIOL SCAND V44 PP183-186 1966
BY GENTILE A
MURRI G
PATTONE J
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0508
UNIVERSITA DEGLI STUDI DI GENOVA
KINETIC EFFECTS OF SELECTIVE PHARMACOLOGICAL
INHIBITORS OF THE ADENYLATE CYCLASE IN EXPERIMENTAL STUDY
ON THE ADENYLATE CYCLASE IN THE ADENYLATE CYCLASE
ACTA PHYSIOL SCAND V44 PP183-186 1966
BY GENTILE A
MURRI G
PATTONE J
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0509
UNIVERSITA DEGLI STUDI DI GENOVA
KINETIC EFFECTS OF SELECTIVE PHARMACOLOGICAL
INHIBITORS OF THE ADENYLATE CYCLASE IN EXPERIMENTAL STUDY
ON THE ADENYLATE CYCLASE IN THE ADENYLATE CYCLASE
ACTA PHYSIOL SCAND V44 PP183-186 1966
BY GENTILE A
MURRI G
PATTONE J
DAN ACCESS NO.....000774-000
DOC NUMBER.....000774-000
INSTRUM.....000774-000
PROJECT/TASK.....000774-000

AFOSR 67-0510
UNIVERSITY OF CALIFORNIA
THE ALPHA-TITANIUM-IRON SOLID SOLUTION AND ITS
SUPERCONDUCTING PROPERTIES
J LESS-COMMON METALS V12 PP36-40 1967
BY PAUB E
RAUS C J
ROSCHEL E
COMPTON V B
GERALLE T H
OAR ACCESS NO.....014830-046
DOC NUMBER.....AD647506
INSTR...AF-AFOSR-0631-64
PROJECT/TASK.....9763/02

AFOSR 67-0511
UNIVERSITY OF LYON
MONOMINERALS AND SLEEP POLYGRAPHIC NEUROPHARMACOLOGICAL AND
HISTOCHEMICAL STUDY OF SLEEP IN THE CAT /FRENCH/
DECEMBER 1966
BY DELOME F
OAR ACCESS NO.....000893-003
DOC NUMBER.....AD647397
INSTR...AF-EUAM -0066-64
PROJECT/TASK.....9777/01

AFOSR 67-0520
CAMBRIDGE UNIVERSITY
GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS
FINAL REPORT DEC 1966
BY BORDEN P P
BODDINGTON T
FIELD J E
OAR ACCESS NO.....014272-001
DOC NUMBER.....AD647392
INSTR...AF-EDAR -0003-66
PROJECT/TASK.....9711/01

AFOSR 67-0521
UNIVERSITY OF ROME
KINETIC STUDIES ON MEMOGLUBIN BY FLASH PHOTOLYSIS FINAL
REPORT JAN 1967
BY ANTONINI E
OAR ACCESS NO.....015060-001
DOC NUMBER.....AD648666
INSTR...AF-EDAR -0022-66
PROJECT/TASK.....9777/01

AFOSR 67-0522
MASSACHUSETTS INSTITUTE OF TECHNOLOGY NML
NATIONAL MAGNET LABORATORY FINAL REPORT JAN 1967
BY LAX D
FREEMAN A J
OAR ACCESS NO.....007911-097
DOC NUMBER.....AD647421
INSTR...AF-49/63R/01408
PROJECT/TASK.....9764/00

AFOSR 67-0523
UNIVERSITY OF LUND
QUANTITATIVE ASPECTS ON THERMAL STABILITY OF ORGANIC
COMPOUNDS FINAL REPORT NOV 1966
BY SUNNEM S
OAR ACCESS NO.....011581-001
DOC NUMBER.....AD647707
INSTR...AF-EDAR -0038-64
PROJECT/TASK.....9750/02

AFOSR 67-0524
INDIANA UNIVERSITY FOUNDATION
COMPUTATION IN LINGUISTICS A CASE BOOK INDIANA
UNIVERSITY PRESS BLOOMINGTON 1966 FINAL REPORT 1966
BY GARVIN P L
SPOLSKY U
OAR ACCESS NO.....014300-001
DOC NUMBER.....AD647800
INSTR...AF-AFOSR-0574-64
PROJECT/TASK.....9769/05

AFOSR 67-0529
UNIVERSITY OF NEVADA
STUDY OF SEISMICITY MECHANICS OF FAULTING AND CRUSTAL
STRUCTURE WITHIN THE BASIN AND RANGE AND ADJOINING
PROVINCES WITH EMPHASIS ON SEISMIC INFORMATION PROVIDED BY
BY RYALL A
OAR ACCESS NO.....011471-004
DOC NUMBER.....AD647414
INSTR...AF-AFOSR-0640-64
PROJECT/TASK.....4801/00

AFOSR 67-0530
THE HEBREW UNIVERSITY
REACTIONS TO STRESS FINAL REPORT JAN 1967
BY KUGELMASS S
OAR ACCESS NO.....015650-001
DOC NUMBER.....AD647807
INSTR...AF-61/052/00330
PROJECT/TASK.....9779/01

AFOSR 67-0531
UNIVERSITY OF LUND
MONOMINERALS MECHANISMS IN NERVOUS TISSUE FINAL REPORT JAN
1967
BY DAHL E
FALCK B
OAR ACCESS NO.....014341-014
DOC NUMBER.....AD647401
INSTR...AF-EDAR -0014-66
PROJECT/TASK.....9777/01

AFOSR 67-0532
UNIVERSITY OF TEXAS
FORMATION OF EXCITED MOLECULAR STATES IN THE POSITIVE
COLUMN OF A HELIUM DISCHARGE
J CHEM PHYS V45 N2 PP661-669 15 JUL 66
BY TETER M P
ROBERTSON W W
OAR ACCESS NO.....005309-002
DOC NUMBER.....AD647863
INSTR...AF-AFOSR-0273-66
PROJECT/TASK.....9750/02

AFOSR 67-0533
UNIVERSITY OF WISCONSIN
SURFACE LATTICE DYNAMICS OF SILVER I LOW-ENERGY ELECTRON
DEWYE-WALLER FACTOR
PHYS REV V151 N2 PP476-483 11 NOV 66
BY JONES E K
MCKINNEY J T
WEBB M H
OAR ACCESS NO.....012601-001
DOC NUMBER.....AD647886
INSTR...AF-AFOSR-0440-66
PROJECT/TASK.....9761/03

AFOSR 67-0534
FLORIDA STATE UNIVERSITY
USE OF A SUPER3 HE SUPER3 ME/A IN POLARIZATION STUDIES
PHYS LETTERS V23 N2 PP132-133 10 OCT 66
BY THOMPSON W J
OAR ACCESS NO.....005114-010
DOC NUMBER.....AD647861
INSTR...AF-AFOSR-0440-66
PROJECT/TASK.....9751/02

AFOSR 67-0535
UNIVERSITY OF MINNESOTA
MULTIPLE QUANTUM TRANSITIONS IN MAGNESIUM OXIDE
J PHYS CHEM V71 PP211-214 1967
BY AVTINS P V
WERTZ J E
OAR ACCESS NO.....005453-001
DOC NUMBER.....AD647992
INSTR...AF-AFOSR-0200-66
PROJECT/TASK.....9761/03

AFOSR 67-0536
FLORIDA STATE UNIVERSITY
THE CALCULATION OF PARAMETERS OF THE HOFFITT EQUATION FOR
NUTRATORY DISPERSION DATA
BIOPHYS J V6 N4 PP505-512 1966
BY DE TAN D F
OAR ACCESS NO.....010611-002
DOC NUMBER.....AD647632
INSTR...AF-AFOSR-0620-64
PROJECT/TASK.....9762/02

AFOSR 67-0537
FLORIDA STATE UNIVERSITY
AN OPTICALLY PURE SEQUENCE PEPTIDE POLY GLY GLY PHE
TETRAPEPTIDE LETTERS NAR PP5985-5989 1966
BY OCTAR D F
ESTRIN M F
OAR ACCESS NO.....010610-002
DOC NUMBER.....AD647630
INSTR...AF-AFOSR-0279-62
PROJECT/TASK.....9762/02

AFOSR 67-0538
FLORIDA STATE UNIVERSITY
COMPUTER TECHNIQUES FOR MAKING REEFS LAW CALCULATIONS OF
CONCENTRATIONS FROM SPECTRAL DATA
ANAL CHEM V38 N12 PP1704-1706 NOV 1966
BY OCTAR D F
OAR ACCESS NO.....010611-003
DOC NUMBER.....AD647630
INSTR...AF-AFOSR-0629-64
PROJECT/TASK.....9762/02

AFOSR 67-0539
FLORIDA STATE UNIVERSITY
THE USE OF THE FIRST-ORDER RATE EQUATION IN THERMAL
KINETIC DATA
J PHYS CHEM V70 N2 PP495-500 FEB 1966
BY DE TAN D F
DAY V M
OAR ACCESS NO.....010611-004
DOC NUMBER.....AD647630
INSTR...AF-AFOSR-0629-64
PROJECT/TASK.....9762/02

AFOSR 67-0540
PENNSYLVANIA STATE UNIVERSITY
THE KINETICS OF CALCIUM OXALATE PYROLYSIS
J PHYS CHEM V71 N2 PP397-402 JAN 1967
BY FREEMING P E
HARTMAN K O
HISATSUNE I C
SCHEMPF J M
OAR ACCESS NO.....017210-003
DOC NUMBER.....AD647866
INSTR...AF-AFOSR-0987-65
PROJECT/TASK.....9760/02

AFOSR 67-0541
PENNSYLVANIA STATE UNIVERSITY
THE KINETICS OF OXALATE ION PYROLYSIS IN A POTASSIUM
BROMIDE MATH X
J PHYS CHEM V71 N2 PP392-396 JAN 1967
BY HARTMAN K O
HISATSUNE I C
OAR ACCESS NO.....017210-004
DOC NUMBER.....AD647867
INSTR...AF-AFOSR-0987-65
PROJECT/TASK.....9760/02

AFOSR 67-0542
UNIVERSITY OF NORTH CAROLINA
TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY KINETICS OF
SECOND-ORDER DISPROPORTIONATION OF URANIUM V BY DECAY OF
ANAL CHEM V38 N13 PP1881-1887 DEC 1966
BY MCDUFFIE B
REILLY C N
OAR ACCESS NO.....019080-008
DOC NUMBER.....AD647695
INSTR...AF-AFOSR-0516-64
PROJECT/TASK.....9760/01

AFOSR 67-0543
MCMASTER UNIVERSITY
THE FLUOROSULFURIC ACID SOLVENT SYSTEM V IODINE
TRIFLUOROSULFATE
INORG CHEM V5 N7 PP1230-1238 JUL 1966
BY GILLESPIE R J
MELNE J R
OAR ACCESS NO.....009391-014
DOC NUMBER.....AD647677
INSTR...AF-AFOSR-0516-64
PROJECT/TASK.....9710/01

AFOSR 67-0544
MCMASTER UNIVERSITY
THE FLUOROSULFURIC ACID SOLVENT SYSTEM IV THE SOLUTES
WATER AND POTASSIUM NITRATE
INORG CHEM V5 N7 PP1233-1235 JUL 1966
BY GILLESPIE R J
MELNE J R
SENIOR J B
OAR ACCESS NO.....009391-015
DOC NUMBER.....AD647678
INSTR...AF-AFOSR-0516-64
PROJECT/TASK.....9710/01

AFOSR 67-0545
MCMASTER UNIVERSITY
THE FLUOROSULFURIC ACID SOLVENT SYSTEM II SOLUTIONS OF
ANTIMONY PENTAPHTHIOIDE ANTIMONY PENTAPHTHIOIDE
BINOFLUOROSULFATE AND ANTIMONY PENTAPHTHIOIDE--SULFUR
INORG CHEM V4 N11 PP1841-1849 NOV 1965
BY THOMPSON M C
GILLESPIE R J
BARR J
MELNE J R
MOTHERMURPHY M A
OAR ACCESS NO.....009391-016
DOC NUMBER.....AD647680
INSTR...AF-AFOSR-0516-64
PROJECT/TASK.....9710/01

AFOSR 67-0546
MCMASTER UNIVERSITY
CATIONS AND OXY CATIONS OF IODINE III THE I AND LOWER
OXIDATION STATES OF IODINE IN SULFURIC ACID
INORG CHEM V4 N4 PP563-566 1965
BY GARRETT R A
GILLESPIE R J
SENIOR J B
OAR ACCESS NO.....009391-017
DOC NUMBER.....AD647681
INSTR...AF-AFOSR-0516-64
PROJECT/TASK.....9710/01

AFOSR 67-0547
UNIVERSITY OF MINNESOTA
GENERAL INFORMATION AND ITS ASSESSMENT BY DRUGS
INFORM COLLEGE NEUROPSYCHOPHARMACOL V INTERN CONGR WASH
DC 30 MAR 1966
BY MARRAZZI A S
MEISCH M A
SCHIFFLE U C
OAR ACCESS NO.....018440-001
DOC NUMBER.....AD647790
INSTR...AF-AFOSR-0768-65
PROJECT/TASK.....9777/01

AFOSR 67-0548
TEXAS A&M UNIVERSITY
PADE APPROXIMANTS AND MOMENTS ON THE RETHE-SALUTER
AMPLITUDE
PHYS LETTERS V73 NA PP492-494 21 NOV 66
BY NUTTALL J
OAR ACCESS NO.....017450-006
DOC NUMBER.....AD647940
INSTR...AF-AFOSR-0516-65
PROJECT/TASK.....9751/02

AFOSR 67-0549
BOSTON UNIVERSITY
HOMOGENIZATION OF SEMI-SIMPLE LIP ALGEBRAS
MATHU CEMENTIC SEMA V45 PP234-235 1 SEP 1966
BY ROSEN J
OAR ACCESS NO.....011367-010
DOC NUMBER.....AD647666
INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-0550
BOSTON UNIVERSITY
MUTUALLY RECIPROCAL CONTRACTION AND EXPANSION OF CERTAIN
LIP ALGEBRAS
MATHU CEMENTIC SEMA V46 PP1-6 11 NOV 1966
BY ROSEN J
OAR ACCESS NO.....011367-011
DOC NUMBER.....AD647636
INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-0551
STANFORD UNIVERSITY
CONFORMATIONAL ENERGY ESTIMATES FOR STATISTICALLY
ACILING POLYPEPTIDE CHAINS
J MOL BIOL V23 PP47-65 1967
BY HWRANT D A
MELLER V G
FLORNY P J
OAR ACCESS NO.....010391-024
DOC NUMBER.....AD647678
INSTR...AF-69/638/01341
PROJECT/TASK.....9760/03

AFOSR 67-0552
STANFORD UNIVERSITY
RANDOM COIL CONFIGURATIONS OF POLYPEPTIDE COMOLYMERS
J MOL BIOL V23 PP47-60 1967
BY MILLER W G
HWRANT D A
FLORNY P J
OAR ACCESS NO.....010391-025
DOC NUMBER.....AD647679
INSTR...AF-69/638/01341
PROJECT/TASK.....9760/03

AFOSR 67-0553
UNIVERSITY OF NORTH CAROLINA
DIAGNOSTIC CRITERIA FOR THE STUDY OF CHEMICAL AND
PHYSICAL PROCESSES BY TWIN-ELECTRODE THIN-LAYER
ELECTROCHEMISTRY
J ELECTROANAL CHEM V12 PP477-484 1966
BY ANDERSON L B
MCDUFFIE B
MELLEY C N
OAR ACCESS NO.....019080-009
DOC NUMBER.....AD647633
INSTR...AF-AFOSR-0584-64
PROJECT/TASK.....9760/01

AFOSR 67-0555
NATIONAL BUREAU OF STANDARDS
STATISTICAL ASPECTS OF SECOND AND THIRD LAW HEATS
J RES NATL BURE STD A V70A NO PP833-839 NOV-DEC 1966
BY HURTON W S
OAR ACCESS NO.....000310-016
DOC NUMBER.....AD649673
INSTR...ISSA -00008-65
PROJECT/TASK.....9713/02

AFOSR 67-0556
UNIVERSITY OF CALIFORNIA
DETERMINATION OF RELAXATION TIMES IN CYCLOTRON RESONANCE IN
COPPER
PHYS REV V152 N2 PP673-682 9 DEC 66
BY HAUSSLER P
WELLES S J
OAR ACCESS NO.....005322-004
DOC NUMBER.....AD647997
INSTR...AF-AFOSR-0290-63
PROJECT/TASK.....9763/02

AFOSR 67-0557
UNIVERSITY OF MISA
MODULATION OF TRANSMISSION OF OPTIC NERVE IMPULSES IN THE
ALERT CAT: EVIDENCE OF PRESYNAPTIC INHIBITION OF PRIMARY
CHAIN MES V2 PP213-215 1966
BY KAWAMURA M
MARCHIAFAVA P L
OAR ACCESS NO.....010640-003
DOC NUMBER.....AD647802
INSTR...AF-61/052/00850
PROJECT/TASK.....9777/01

AFOSR 67-0558
INSTITUTO GEOGRAFICO Y CATASTRAL
THE METHOD OF CALCULATION TABLES OF AMPLICATION AND
AMPLITUDE OF THE MOVEMENTS OF THE FAITH IN CUALQUIER
SEISMOGRAPH CALIFIZIN /SPANISH/
BY TEVAR J N
OAR ACCESS NO.....015960-004
DOC NUMBER.....AD648774
INSTR...AF-61/052/00857
PROJECT/TASK.....8652/00

AFOSR 67-0559
INSTITUTO GEOGRAFICO Y CATASTRAL
THE REGION INTERGOVERNMENTAL OF SEISMOLOGY AND INGENIERIA
SEISMIC OF THE UNESCO /SPANISH/
BY MANUERA J M
OAR ACCESS NO.....015960-010
DOC NUMBER.....AD647952
INSTR...AF-61/052/00857
PROJECT/TASK.....8652/00

AFOSR 67-0560
INSTITUTO GEOGRAFICO Y CATASTRAL
THE ACTIVITY SEISMIC OF THE REGION OF THE PENINSULA IBERICA
UP TO YEAR OF 1960 /SPANISH/
REV GEOPIS N75 PP265-284 JUL-SEP 1965
BY MANUERA J M
OAR ACCESS NO.....015960-011
DOC NUMBER.....AD647904
INSTR...AF-61/052/00857
PROJECT/TASK.....8652/00

AFOSR 67-0561
SYRACUSE UNIVERSITY
POLYNOMIAL APPROXIMATION OF FUNCTIONS ANALYTIC IN A DISK
PROG AM MATH SOC V17 NO PP1238-1243 DEC 66
BY SCHIECK J J
OAR ACCESS NO.....009393-004
DOC NUMBER.....AD647677
INSTR...AF-67/638/01401
PROJECT/TASK.....9763/01

AFOSR 67-0582
STANFORD UNIVERSITY
EXACT SUM RULE FOR NUCLEON MAGNETIC MOMENTS
PHYS REV LETTERS V16 N10 PP008-011 16 MAR 1966
BY OHELL S D
MEAHN A C
QAR ACCESS NO.....001793-080
DDC NUMBER.....AD067700
INSTR...AF-49/63R/01389
PROJECT/TASK.....9751/01

AFOSR 67-0583
STANFORD UNIVERSITY
EXTRAPOLATION OF THE AMPLITUDES OF NONFRETIONIC DECAYS OF
K MESONS
PHYS REV LETTERS V17 N11 PP613-616 12 SEP 1966
BY FUJII Y
QAR ACCESS NO.....001793-081
DDC NUMBER.....AD067700
INSTR...AF-49/63R/01389
PROJECT/TASK.....9751/01

AFOSR 67-0584
STANFORD UNIVERSITY
COVARIANT ANALYSIS OF QUARK COMMUTATORS AND
ELECTROMAGNETIC COUPLINGS
PHYS LETTERS V23 N2 PP141-143 10 OCT 1966
BY PATSAROS G
SEGHE G
WALECKA J J
QAR ACCESS NO.....001793-082
DDC NUMBER.....AD067670
INSTR...AF-49/63R/01389
PROJECT/TASK.....9751/01

AFOSR 67-0585
STANFORD UNIVERSITY
DISPERSION RELATIONS AND HIGHER SYMMETRIES
ANN PHYS V39 N3 PP301-416 OCT 1966
BY FUJINI S
SEGHE G
WALECKA J D
QAR ACCESS NO.....001793-083
DDC NUMBER.....AD067541
INSTR...AF-49/63R/01389
PROJECT/TASK.....9751/01

AFOSR 67-0586
UNIVERSITY OF ILL
INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE
PART II DISCUSSION AND EVALUATION OF VELOCITY CONSTANTS
TRANS FARADAY SOC V26 N523 PTO PP246-249 SEP 1966
BY WALDMAN R R
SIMMONS R F
WALKER R W
QAR ACCESS NO.....001793-084
DDC NUMBER.....AD067506
INSTR...AF-49/63R/01389
PROJECT/TASK.....9750/02

AFOSR 67-0588
UNIVERSITY OF CALIFORNIA
AZIMUTH AND SLOWNESS ANOMALIES OF SEISMIC WAVES MEASURED
ON THE CENTRAL CALIFORNIA SEISMOGRAPHIC ARRAY PART II
INTERPRETATION
BULL SEIS SOC AM V56 N3 PP655-675 JUN 66
BY OTSUKA M
QAR ACCESS NO.....013721-006
DDC NUMBER.....AD0647684
INSTR...AF-49/63R/01389
PROJECT/TASK.....8652/00

AFOSR 67-0589
UNIVERSITY OF MINNESOTA
VICINAL IN-199MG COUPLING CONSTANTS
J ORGANOMETAL CHEM V16 P559-597 1966
BY KHEVOY M M
SCHAEFFER J F
QAR ACCESS NO.....004161-004
DDC NUMBER.....AD0647640
INSTR...AF-49/63R/01389
PROJECT/TASK.....9763/01

AFOSR 67-0590
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE PRESSURE-FLUX RELATIONSHIP IN LONG-WAVE PROPAGATION
IN LONG ANGLE
BIOMECHANICS PP96-120 NOV 1966
BY LEE J S
QAR ACCESS NO.....001793-087
DDC NUMBER.....AD0647602
INSTR...AF-49/63R/01389
PROJECT/TASK.....9762/01

AFOSR 67-0591
UNIVERSITY OF CALIFORNIA
THE DIELECTRIC CONSTANT OF MUCCH ELECTRONS IN CRISSED
ELECTRIC AND MAGNETIC FIELDS
NUOVO CIMENTO SER X V46 PP46-67 11 NOV 1966
BY RAJAGOPAL A K
QAR ACCESS NO.....009061-011
DDC NUMBER.....AD0647627
INSTR...AF-49/63R/01389
PROJECT/TASK.....9763/02

AFOSR 67-0592
ISTITUTO DI FISICA TEORICA DELL UNIVERSITA
DIVERGENCE OF RENORMALIZED VS CONVERGENCE OF REGULARIZED
PERTURBATIVE EXPANSIONS IN A FIELD-THEORETICAL MODEL
NUOVO CIMENTO SER X V42 PP280-305 21 MAR 67
BY GUERRA F
MARINARO M
QAR ACCESS NO.....006042-001
DDC NUMBER.....AD0647627
INSTR...AF-61/052/00826
PROJECT/TASK.....9761/01

AFOSR 67-0593
ISTITUTO DI FISICA TEORICA DELL UNIVERSITA
REMOVAL OF POINT-LOOP AMBIGUITIES THROUGH FINITE-PART
RENORMALIZATION
NUOVO CIMENTO SER X V42 PP306-318 21 MAR 66
BY GUERRA F
MARINARO M
QAR ACCESS NO.....006042-002
DDC NUMBER.....AD0647628
INSTR...AF-61/052/00826
PROJECT/TASK.....9761/01

AFOSR 67-0594
TEXAS CHRISTIAN UNIVERSITY
NUCLEAR MAGNETIC RESONANCE STUDIES OF POINT DEFECTS IN
BARIUM FLUORIDE CRYSTALS
PHYS LETTERS V23 N9 PP535-536 NOV 66
BY WILLEN J R
MARINARO M P
QAR ACCESS NO.....018661-001
DDC NUMBER.....AD0647703
INSTR...AF-49/63R/01389
PROJECT/TASK.....9763/02

AFOSR 67-0595
ISTITUTO DI FISICA TEORICA DELL UNIVERSITA
MADAMANDS CLASS OF GREENS FUNCTIONS IN REGULARIZED ϕ PLUS
A THEORY
NUOVO CIMENTO SER X V39 PP401-404 1 SEP 1965
BY MARINARO M
QAR ACCESS NO.....006042-003
DDC NUMBER.....AD0647630
INSTR...AF-61/052/00826
PROJECT/TASK.....9761/01

AFOSR 67-0596
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXCHANGE COUPLING AND CONDUCTION-ELECTRON POLARIZATION IN
METALS
PHYS REV V152 N2 PP866-878 9 DEC 66
BY WATSON R E
FREEMAN A J
QAR ACCESS NO.....007911-099
DDC NUMBER.....AD0647696
INSTR...AF-49/63R/01389
PROJECT/TASK.....9764/01

AFOSR 67-0597
ISTITUTO DI FISICA TEORICA DELL UNIVERSITA
STABILITY CONDITIONS FOR A BOSON SYSTEM INTERACTING WITH
A PARTLY REPULSIVE AND PARTLY ATTRACTIVE POTENTIAL
NUOVO CIMENTO SER X V40 PP184-196 11 NOV 65
BY CONIGLIO A
MARINARO M
MATHIE M
QAR ACCESS NO.....006042-004
DDC NUMBER.....AD0647629
INSTR...AF-61/052/00826
PROJECT/TASK.....9761/01

AFOSR 67-0598
MELLON INSTITUTE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XV
OLEFINIC AND ACETYLENIC DERIVATIVES OF TUNGSTEN
INORG CHEM V5 N11 PP1837-1846 NOV 1966
BY KING R B
FRONZAGLIA A
QAR ACCESS NO.....019061-002
DDC NUMBER.....AD0647673
INSTR...AF-49/63R/01389
PROJECT/TASK.....9710/02

AFOSR 67-0599
MELLON INSTITUTE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVI
POLYNUCLEAR CYCLOPENTADIENYL METAL CARBOXYLS OF IRON AND
COBALT
INORG CHEM V5 N12 PP2227-2230 NOV 1966
BY KING R H
QAR ACCESS NO.....019061-003
DDC NUMBER.....AD0647674
INSTR...AF-49/63R/01389
PROJECT/TASK.....9710/02

AFOSR 67-0600
MELLON INSTITUTE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVII
CYCLOPENTADIENYL VANADIUM DIACETATE
INORG CHEM V5 PP2231-2232 1966
BY KING R H
QAR ACCESS NO.....019061-004
DDC NUMBER.....AD0647675
INSTR...AF-49/63R/01389
PROJECT/TASK.....9710/02

AFOSR 67-0601
MELLON INSTITUTE
THE DIFFERENTIATION BETWEEN UNIDENTATE AND BIDENTATE
LIGANDS WHICH DONATE THREE ELECTRONS TO A METAL ATOM
INORG CHEM V5 N12 PP2242-2243 DEC 1966
BY KING R B
QAR ACCESS NO.....019061-005
DDC NUMBER.....AD0647675
INSTR...AF-49/63R/01389
PROJECT/TASK.....9710/02

AFOSR 67-0602
MELLON INSTITUTE
REACTIONS OF ALKALI METAL DERIVATIVES OF METAL CARBONYLS
VIII PREPARATION OF PROTONATION AND ALKYLATION OF SODIUM
CYANOPENTACARBONYLMETALATES
INORG CHEM V6 N1 PP25-29 JAN 1967
BY KING R D
OAR ACCESS NO.....019061-012
DOC NUMBER.....A0647521
INSTR...AF-AFOSR-0580-06
PROJECT/TASK.....9710/02

AFOSR 67-0603
MELLON INSTITUTE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS
XVIII SOME NEW CYCLOPENTADIENYLMETAL NITROSYL DERIVATIVES
OF MANGANESE AND MOLYBDENUM
INORG CHEM V6 N1 PP30-34 JANUARY 1967
BY KING R H
OAR ACCESS NO.....019061-006
DOC NUMBER.....A0647522
INSTR...AF-AFOSR-0580-06
PROJECT/TASK.....9710/02

AFOSR 67-0604
MELLON INSTITUTE
THE NATURE OF THE PRODUCT FROM THE REACTION BETWEEN
OCTACARBONYLDICORAL AND HIS /TRIFLUOROMETHYL/ DIETHYLENE
CHEM COMMUN PP771-772 1966
BY KING R H
KORONOWSKI F T
OAR ACCESS NO.....019061-007
DOC NUMBER.....A0647523
INSTR...AF-AFOSR-0580-06
PROJECT/TASK.....9710/02

AFOSR 67-0605
STANFORD UNIVERSITY
A STUDY OF THE STRUCTURE OF THE TURBULENT BOUNDARY LAYER
WITH AND WITHOUT LONGITUDINAL PRESSURE GRADIENTS
NO-12 MARCH 1965
BY SCHWAUR P A
KLING S J
OAR ACCESS NO.....001402-005
DOC NUMBER.....A0646989
INSTR...AF-49/638/01278
PROJECT/TASK.....9781/02

AFOSR 67-0606
NORTHWESTERN UNIVERSITY
NONSTATISTICAL ENERGY-TRANSFER THEORY
J CHEM PHYS V45 N10 PP3706-3711 15 NOV 1966
BY SEPASKAS R V
SCHLAG F W
OAR ACCESS NO.....019790-001
DOC NUMBER.....A0647704
INSTR...AF-AFOSR-1155-06
PROJECT/TASK.....9760/02

AFOSR 67-0607
THE UNIVERSITY OF TEXAS
TUNNELING BETWEEN A METAL AND SILICON SEPARATED BY A
POLYMER INSULATOR
JSED TECHNICAL REPORT NO 25 SEPT 1966
BY WILMSEN C B
HARTIG W H
OAR ACCESS NO.....015241-025
DOC NUMBER.....A0607361
INSTR...AF-AFOSR-0756-06
PROJECT/TASK.....4751/00

AFOSR 67-0608
FLORIDA STATE UNIVERSITY
RESEARCH IN EXPERIMENTAL AND THEORETICAL LOW-ENERGY
NUCLEAR PHYSICS FINAL REPORT JAN 1967
BY DAVIS R H
MEYENBURG N D
OAR ACCESS NO.....005114-011
DOC NUMBER.....A0647902
INSTR...AF-AFOSR-0440-06
PROJECT/TASK.....9751/02

AFOSR 67-0609
UNIVERSITY COLLEGE
CRYSTAL LIGHT FROM EXTENSIVE AIR SHOWERS FINAL REPORT
DEC 1956
BY PORTER N A
OAR ACCESS NO.....013500-005
DOC NUMBER.....A0647840
INSTR...AF-EDAR -0040-03
PROJECT/TASK.....9751/04

AFOSR 67-0610
WEIZMANN INSTITUTE OF SCIENCE
NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC
POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1966
BY SELA W
OAR ACCESS NO.....019321-001
DOC NUMBER.....A0647818
INSTR...AF-EDAR -0017-00
PROJECT/TASK.....9771/01

AFOSR 67-0611
MORIL OIL CORPORATION
PLASMA DENSITY MEASUREMENTS WITH ENERGY BEAMS FINAL
REPORT JAN 1967
BY HICKOK H L
JONES P C
MARSHALL J A
DUNCAN S L
OAR ACCESS NO.....010240-003
DOC NUMBER.....A0647815
INSTR...AF-49/638/01500
PROJECT/TASK.....9752/01

AFOSR 67-0612
TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY
QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY FINAL
REPORT OCT 1966
BY OPPENHEIM U P
OAR ACCESS NO.....010742-005
DOC NUMBER.....A0648664
INSTR...AF-EDAR -0084-05
PROJECT/TASK.....9780/01

AFOSR 67-0613
AMERICAN INSTITUTE OF PHYSICS
A REPORT ON JOINT AMERICAN PHYSICAL SOCIETY AND JAPANESE
PHYSICAL SOCIETY MEETING ON FLUID DYNAMICS HONOLULU HAWAII
2-4 SEP 1965 FINAL REPORT DEC 1966
BY FOWLER R G
OAR ACCESS NO.....018180-001
DOC NUMBER.....A0808876
INSTR...AF-49/638/01563
PROJECT/TASK.....9781/01

AFOSR 67-0614
HUGHES RESEARCH LABORATORIES
ACID-BASE CHARACTERISTICS OF PHOTOCHROMISM
SEPTEMBER 1966
BY MARGERUM J D
OAR ACCESS NO.....014220-003
DOC NUMBER.....A0647914
INSTR...AF-49/638/01264
PROJECT/TASK.....9762/03

AFOSR 67-0615
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
LAMINAR SEPARATION IN SUPERSONIC AND HYPERSONIC FLOWS
FINAL REPORT SEPT 1966
BY GINDOR J J
OAR ACCESS NO.....001106-001
DOC NUMBER.....A0647819
INSTR...AF-EUAR -0006-00
PROJECT/TASK.....9781/02

AFOSR 67-0620
HUGHES AIRCRAFT COMPANY
NOTES TOWARDS AN AXIOMATIZATION OF INTUITIONISTIC
ANALYSIS
NOV 1966
BY MYHILL J
OAR ACCESS NO.....021320-001
DOC NUMBER.....A0647899
INSTR...AF-49/638/01643
PROJECT/TASK.....9769/06

AFOSR 67-0621
HUGHES AIRCRAFT COMPANY
COMBINATORIAL DOCUMENT STORAGE AND RETRIEVAL
NOV 1966
BY CASH G E
OAR ACCESS NO.....021320-002
DOC NUMBER.....A0647900
INSTR...AF-49/638/01643
PROJECT/TASK.....9769/06

AFOSR 67-0622
HUGHES AIRCRAFT COMPANY
FINAL SYSTEMS OF INTUITIONISTIC ANALYSIS I
NOV 1966
BY MYHILL J
OAR ACCESS NO.....021320-003
DOC NUMBER.....A0647901
INSTR...AF-49/638/01643
PROJECT/TASK.....9769/06

AFOSR 67-0623
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE VARIABILITY OF RHO PUPPIS
ASTROPHYS J V146 N3 PP743-747 DEC 1966
BY DANZIGER I J
KUMI L V
OAR ACCESS NO.....000581-014
DOC NUMBER.....A0648526
INSTR...AF-49/638/01323
PROJECT/TASK.....9774/01

AFOSR 67-0624
CALIFORNIA INSTITUTE OF TECHNOLOGY
LITHIUM OBSERVATIONS IN THE PLEIADES AND IN F STARS IN
THE FIELD
ASTROPHYS J V146 N2 PP392-398 NOV 66
BY DANZIGER I J
CONTI P S
OAR ACCESS NO.....000581-015
DOC NUMBER.....A0648524
INSTR...AF-49/638/01323
PROJECT/TASK.....9774/01

AFOSR 67-0625
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE WEAKNESS OF HELIUM LINES IN GLOBULAR CLUSTER AND HALO
U STARS
ASTROPHYS J V146 N2 PP617-620 NOV 1966
BY GREENSTEIN J L
MUNCH G
OAR ACCESS NO.....000581-016
DOC NUMBER.....A0648523
INSTR...AF-49/638/01323
PROJECT/TASK.....9774/01

AFOSR 67-0626
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY AND THE D-SHELL
SCIENCE V155 N1759 PP141-143 13 JAN 1967
BY ENGELMANN J J
VEBU G W
MATTHIAS H T
OAR ACCESS NO.....018330-047
DOC NUMBER.....AD648210
INSTR...AF-AFOSR-0631-04
PROJECT/TASK.....9763/02

AFOSR 67-0627
CALIFORNIA INSTITUTE OF TECHNOLOGY
INTERACTION OF MECHANICAL AND AEROPLASTIC INSTABILITIES OF
A CIRCULAR CYLINDRICAL SHELL
DYNAMIC STABILITY OF STRUCTURES PHOC INTERN CONF EVANSTON
ILLINOIS PP267-284 18-20 OCT 1965
BY FUNG Y C
OAR ACCESS NO.....001373-008
DOC NUMBER.....AD648518
INSTR...AF-AFOSR-0638/01384
PROJECT/TASK.....9742/01

AFOSR 67-0628
CALIFORNIA INSTITUTE OF TECHNOLOGY
MICROSCOPIC BLOOD VESSELS IN THE MESENTERY
BIOMECHANICS PP151-166 NOV 1966
BY FUNG Y C
OAR ACCESS NO.....001373-009
DOC NUMBER.....AD648513
INSTR...AF-AFOSR-0638/01384
PROJECT/TASK.....9762/01

AFOSR 67-0629
AMERICAN MATHEMATICAL SOCIETY
SPACE MATHEMATICS PART 2
LECTURES IN APPLIED MATHEMATICS V6 1966
BY ROSSER J R
OAR ACCESS NO.....013080-002
INSTR...AF-AFOSR-0258-63
PROJECT/TASK.....9749/01

AFOSR 67-0630
AMERICAN MATHEMATICAL SOCIETY
SPACE MATHEMATICS PART 1
LECTURES IN APPLIED MATHEMATICS V5 1966
BY ROSSER J R
OAR ACCESS NO.....013080-003
DOC NUMBER.....AD647911
INSTR...AF-AFOSR-0258-63
PROJECT/TASK.....9744/01

AFOSR 67-0631
AMERICAN MATHEMATICAL SOCIETY
SPACE MATHEMATICS PART 3
LECTURES IN APPLIED MATHEMATICS V7 1966
BY ROSSER J R
OAR ACCESS NO.....013080-004
DOC NUMBER.....AD647909
INSTR...AF-AFOSR-0258-63
PROJECT/TASK.....9747/01

AFOSR 67-0632
UNIVERSITY OF CALIFORNIA
PRINCIPLES OF CURRENT COMMUNICATION
MCGRAW-HILL BOOK COMPANY NEW YORK 1966
BY VITERBI A J
OAR ACCESS NO.....015050-005
DOC NUMBER.....AD647912
INSTR...AF-AFOSR-0700-63
PROJECT/TASK.....9744/01

AFOSR 67-0633
STANFORD UNIVERSITY
LINEAR MULTIPHOT SYNTHESIS
MCGRAW-HILL BOOK COMPANY NEW YORK 1966
BY NEWCOMB M W
OAR ACCESS NO.....011061-017
INSTR...AF-AFOSR-0337-63
PROJECT/TASK.....9744/01

AFOSR 67-0634
UNIVERSITY OF SYDNEY
THE STELLAR INTERFEROMETER AT MARRANGI AUSTRALIA
PHILIPS TECH REV V27 NO PP181-189 1966
BY BROWN H H
BROWNE A
OAR ACCESS NO.....013800-005
DOC NUMBER.....AD648250
INSTR...AF-AFOSR-0302-63
PROJECT/TASK.....9774/01

AFOSR 67-0635
YALE UNIVERSITY
REGULARIZING TRANSFORMATIONS OF THE JACOBIAN INTEGRAL
ASTRON J V71 NO PP896-890 NOV 66
BY SZFECHEL V
PIERCE D A
OAR ACCESS NO.....011493-007
DOC NUMBER.....AD648261
INSTR...AF-AFOSR-0347-65
PROJECT/TASK.....9749/01

AFOSR 67-0636
UNIVERSITY OF SOUTHERN CALIFORNIA
LOCALIZED VIBRATIONAL MODE: ABSORPTION OF PHOSPHORUS IN
GALLIUM ARSENIDE
J PHYS CHEM SOLIDS V28 PP 33-40 AUG 1966
BY SPITZER G G
OAR ACCESS NO.....014492-008
DOC NUMBER.....AD648655
INSTR...AF-AFOSR-0496-66
PROJECT/TASK.....9751/00

AFOSR 67-0637
UNIVERSITY OF TEXAS
THE PHOTOCHEMISTRY OF KETENE THE METHYLENE RADICAL
J AM CHEM SOC V87 PP2297-2298 1965
BY HO S Y
UNGER I
MOYES W A JR
OAR ACCESS NO.....015290-004
DOC NUMBER.....AD648665
INSTR...AF-AFOSR-0778-65
PROJECT/TASK.....9760/02

AFOSR 67-0641
NORTH AMERICAN AVIATION INC
THE LONE-PAIR MODEL AND THE VIBRATIONAL FORCE CONSTANTS OF
NITROGEN TRIFLUORIDE
PHYS CHEM V70 NO PP3330-3336 1966
BY CURTIS F C
MUIRHEAD J S
OAR ACCESS NO.....010280-005
DOC NUMBER.....AD648522
INSTR...AF-AFOSR-0130-63
PROJECT/TASK.....9760/02

AFOSR 67-0642
UNIVERSITY OF CALIFORNIA
REARRANGEMENT COLLISIONS II ELECTRON EXCITATION OF ME
72 SUPER3P/
PHYS REV V151 NO PP7-11 4 NOV 66
BY JOACHAIN C J
LITTLEMAN M H
OAR ACCESS NO.....004612-217
DOC NUMBER.....AD648179
INSTR...AF-AFOSR-0130-63
PROJECT/TASK.....9776/01

AFOSR 67-0643
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE COMPARISON BETWEEN OBSERVATION AND PREDICTION IN
NUCLEOSYNTHESIS
INTEGN ASTRON UNION SYMP N26 UTRECHT NETHERLANDS SUMMER
1964 PP348-357 1966
BY GREENSTEIN J L
OAR ACCESS NO.....000581-017
DOC NUMBER.....AD648522
INSTR...AF-AFOSR-0130-63
PROJECT/TASK.....9774/01

AFOSR 67-0644
UNIVERSITY OF CHICAGO
THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS IV THE
ELECTRONIC STATES OF THE PARACYCLOPHANE ANION
J CHEM PHYS V45 NO PP4639-4642 15 DEC 1966
BY MILLER I M
RICK S A
OAR ACCESS NO.....015061-001
DOC NUMBER.....AD648221
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-0645
UNIVERSITY OF ROCHESTER
SOME RECENT RESEARCH ON COHERENCE AND FLUCTUATIONS OF LIGHT
OPT ACTA V13 NO PP281-298 1966
BY WOLF E
OAR ACCESS NO.....004623-008
DOC NUMBER.....AD647652
INSTR...AF-AFOSR-0237-65
PROJECT/TASK.....9767/02

AFOSR 67-0646
UNIVERSITY OF CALIFORNIA
CORRELATION EFFECTS IN ATOMS I HELIUM
PHYS REV V146 NO PP1-2 3 JUN 66
BY RYHON F W JR
JOACHAIN C J
OAR ACCESS NO.....004612-019
DOC NUMBER.....AD648205
INSTR...AF-AFOSR-0130-63
PROJECT/TASK.....9767/01

AFOSR 67-0647
UNIVERSITY OF VIENNA
MOSSBAUER EFFECT OF W 183 IN DIFFERENT TUNGSTEN COMPOUNDS
ACTA PHYS AUSTRIACA V23 PP47-50 1966
BY DROSG M
UJLAKI C
OAR ACCESS NO.....016310-004
DOC NUMBER.....AD648571
INSTR...AF-AFOSR-0105/00845
PROJECT/TASK.....9767/01

AFOSR 67-0649
INSTITUTO NACIONAL DE TECNICA AERONAUTICA
THE INTERNAL STRUCTURE OF HYDROGEN-AIR DIFFUSION FLAMES
ASTRONAUT ACTA V12 NO PP284-293 1966
BY DA-RIVA I
OAR ACCESS NO.....013592-002
DOC NUMBER.....AD648681
INSTR...AF-CUAN -0069-65
PROJECT/TASK.....9711/01

AFOSR 67-0650
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MATRIX-LIMITED FATIGUE PROPERTIES IN FIBRE COMPOSITE
MATERIALS
J MATER SCI V1 P03R3-3M 1961
BY COUNTRY T M
WALFF J
DAR ACCESS NO.....006021-003
DOC NUMBER.....AD648602
INSTR...AF-67/03R/01453
PROJECT/TASK.....9782/02

AFOSR 67-0651
THE ELECTROCHEMICAL SOCIETY INC
ELECTRODE PROCESSES TRANSACTIONS OF THE 1966 SYMPOSIUM
CLEVELAND OHIO 1-6 MAY 1966 FINAL REPORT MAY 1966
BY YEAGER E
HOFFMANN M
EISENHART E
DAR ACCESS NO.....021400-002
DOC NUMBER.....AD647497
INSTR...AF-49/03R/01447
PROJECT/TASK.....9760/02

AFOSR 67-0652
TECHNISCHE HOCHSCHULE IA WIEN
PLASMA WAVE PROPAGATION IN THE HALF SPACE WITH RANDOM
EXCITATION AND COUPLING BETWEEN STRESS AND TEMPERATURE
FIELD /GEHMAN/
ACTA MECHANICA V2 N3 P0307-327 DEC 66
BY ZIEGLER F
DAR ACCESS NO.....003501-005
DOC NUMBER.....AD648570
INSTR...AF-61/03R/00645
PROJECT/TASK.....9749/01

AFOSR 67-0653
UNIVERSITY OF SOUTHERN CALIFORNIA
DIFFERENTIAL EQUATIONS - STABILITY OF A CLASS OF LINEAR
STOCHASTIC SYSTEMS /PFEINLM/
COMPT RECD ACAD SCI PARIS SEW A V263 P0467-469 3 OCT 1966
BY WANG P K C
DAR ACCESS NO.....019740-004
DOC NUMBER.....AD648612
INSTR...AF-AFOSM-1029-66
PROJECT/TASK.....9749/01

AFOSR 67-0654
STANFORD UNIVERSITY
EFFICIENT MICROWAVE SHEAR-WAVE GENERATION BY MODE
CONVERSION
J APPL PHYS LETTERS V9 N10 P0372-374 NOV 1966
BY LEAN E G M
SHAW H J
DAR ACCESS NO.....004663-004
DOC NUMBER.....AD648549
INSTR...AF-49/03R/01429
PROJECT/TASK.....9760/00

AFOSR 67-0655
UNIVERSITY OF KENTUCKY HSCB FOUNDATION
SHOCK WAVES PRODUCED BY SMALL STRESS INCREMENTS IN ANNEALED
ALUMINUM
J APPL MECH P0907-910 DECEMBER 1966
BY KENIG M J
DILLON D W JR
DAR ACCESS NO.....006773-006
DOC NUMBER.....AD648545
INSTR...AF-49/03R/01306
PROJECT/TASK.....9782/01

AFOSR 67-0656
UNIVERSITY OF CALIFORNIA
SUPERSONIC FLOW SEPARATION ON A BACKWARD FACING STEP
BY SFEIR A
DAR ACCESS NO.....010834-001
DOC NUMBER.....AD648703
INSTR...AF-AFOSM-0268-66
PROJECT/TASK.....9782/02

AFOSR 67-0657
GIANNINI CONTROLS CORPORATION
THE MOMENTUM EQUATION OF A SOLID-FLUID SYSTEM
BY MARTINEZ E
DAR ACCESS NO.....013561-005
DOC NUMBER.....AD650399
INSTR...AF-49/03R/01459
PROJECT/TASK.....9781/01

AFOSR 67-0658
UNIVERSITY OF CALIFORNIA
HELIUM STARS OF SMALL MASS
ASTROPHYS J V160 N1 P0445-057 DEC 66
BY L ECUYER J
DAR ACCESS NO.....004553-001
DOC NUMBER.....AD648895
INSTR...AF-AFOSR-0171-65
PROJECT/TASK.....9774/01

AFOSR 67-0659
UNIVERSITY COLLEGE OF NORTH WALES
MICROWAVE ROTATION SPECTRA OF ETHYL ACETYLENE AND ETHYL
ISOCYANIDE
NATURE V212 N5067 P01229-1230 10 DEC 66
BY HOLTON K
CUNNUCK P A
OWEN M L
SHERIDAN J
DAR ACCESS NO.....010650-001
DOC NUMBER.....AD648641
INSTR...AF-49/03R-1000-65
PROJECT/TASK.....9767/01

AFOSR 67-0660
UNIVERSITY OF WINDSOR
LIFETIMES OF RESONANCE STATES IN ALKALI ATOMS
ROCHESTER CONF CUMERENCE QUANTUM OPTICS 2ND NY PP108-106
P2-24 JUN 1966
BY KIRBLE M P
KHAUSE L
DAR ACCESS NO.....011112-007
DOC NUMBER.....AD648917
INSTR...AF-AFOSR-0361-65
PROJECT/TASK.....9787/02

AFOSR 67-0661
UNIVERSITY OF CALIFORNIA
SUMMARY OF PUBLISHED MEASUREMENTS FROM THE ATOMIC BEAM
GROUP AT THE UNIVERSITY OF CALIFORNIA FROM APRIL 1962 TO
MAY 1964
BROOKHAVEN CONF HOL BEAMS ATOMIC RESONANCE 7TH UPPSALA
SWEDEN 22 JUN-2 JUL 1964
BY SHUGART M A
DAR ACCESS NO.....004481-006
DOC NUMBER.....AD653681
INSTR...AF-AFOSR-0361-62
PROJECT/TASK.....9767/02

AFOSR 67-0662
GLASGOW UNIVERSITY
THE CONFORMATION OF A CYCLOHEPTENE
TETRAHYDROEN V23 P0279-282 1967
BY BUCHANAN G L
MCCRAE J M
DAR ACCESS NO.....012020-103
DOC NUMBER.....AD648902
INSTR...AF-EGAR-0036-63
PROJECT/TASK.....9767/02

AFOSR 67-0663
UNIVERSITY OF MASSACHUSETTS
RATES OF EXCHANGE OF SOLVENT MOLECULES WITH PARAMAGNETIC
IONS FINAL REPORT FEB 1967
BY STENGLE F R
LANGFORD C M
DAR ACCESS NO.....013610-002
DOC NUMBER.....AD648953
INSTR...AF-AFOSR-0212-63
PROJECT/TASK.....9760/02

AFOSR 67-0664
UNIVERSITY OF WASHINGTON
CRYOGENIC PHYSICS RESEARCH FINAL REPORT FEB 1967
BY DASH J G
DAR ACCESS NO.....011091-002
DOC NUMBER.....AD648652
INSTR...AF-AFOSR-0923-65
PROJECT/TASK.....9767/01

AFOSR 67-0665
UNIVERSITY OF TORONTO
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES III THE
POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH OXYGEN
CAN J CHEM V44 P02905-3007 1966
BY HUNDE H W
GILLESPIE K A
VEALLAND R W
SOVA W
DECKERS J M
DAR ACCESS NO.....011933-002
DOC NUMBER.....AD648183
INSTR...AF-AFOSR-0375-65
PROJECT/TASK.....9750/02

AFOSR 67-0666
UNIVERSITY OF SOUTHERN CALIFORNIA
GENERAL SURVEY OF DESIGN AUTOMATION OF DIGITAL COMPUTERS
PROG IEEE V54 N12 P01708-1721 DEC 1966
BY BREUER M A
DAR ACCESS NO.....010492-009
DOC NUMBER.....AD648915
INSTR...AF-AFOSR-0496-66
PROJECT/TASK.....4751/00

AFOSR 67-0667
POLYTECHNIC INSTITUTE OF BROOKLYN
LOGIC FUNCTIONS AND SEQUENTIAL MACHINES
PIRM 1344-66 JUNE 1967
BY TISUN P
DAR ACCESS NO.....001685-041
DOC NUMBER.....AD652499
INSTR...AF-49/03R/01402
PROJECT/TASK.....4751/00

AFOSR 67-0669
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
TRANSFORMATIONS OF FOURIER COEFFICIENTS
PACIFIC J MATH V19 N2 P0347-355 1966
BY RIDER D
DAR ACCESS NO.....000451-014
DOC NUMBER.....AD648653
INSTR...AF-AFOSM-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-0671
UNIVERSITY OF TORONTO
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES II THE
STRUCTURE OF THE POSITIVE COLUMN IN D-C GLOW DISCHARGES
THROUGH FAST-FLOWING GASES
CAN J CHEM V44 P02981-2993 1966
BY POTTENS J L
HUNDE H W
DECKERS J M
DAR ACCESS NO.....011933-003
DOC NUMBER.....AD648684
INSTR...AF-AFOSM-0375-65
PROJECT/TASK.....9750/02

AFOSR 67-0672
TPAS AER UNIVERSITY
FEW NUCLEON PROBLEM THE NEUTRON PLUS HELIUM 4 PROCESS
INCLUDING COUPLING TO THE D PLUS T PROCESS IN THE 20 MINUS
MEV REGION
PROC INTERN SYMP POLARIZATION PHENOMENA NUCLEONS
KADSBURG GERMANY PD17R-190 6-10 SEP 1965
BY DEPAIO R
GAMMEL J L
DAR ACCESS NO.....017480-007
DDC NUMBER.....AD648663
INSTR...AF-AFOSR-0918-65
PROJECT/TASK.....9751/02

AFOSR 67-0673
ROSTON UNIVERSITY
SOME OBSERVATIONS ON ENVELOPING ALGEBRAS OF NONCOMPACT
GROUPS
J MATH PHYS V7 N11 PP2072-2078 NOV 1966
BY ROSEN J
ROMAN P
DAR ACCESS NO.....011362-012
DDC NUMBER.....AD648620
INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-0674
HARVARD UNIVERSITY
POWER AND PROGRESS IN REVOLUTIONIZING CHINA
J ASIAN AFRICAN STUDIES V1 N2 PP118-124 APR 1966
BY FREEDMAN E
DAR ACCESS NO.....019140-003
DDC NUMBER.....AD648530
INSTR...AF-AFOSR-0385-65
PROJECT/TASK.....9748/00

AFOSR 67-0675
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE FIELD FROM AN SH POINT SOURCE IN A CONTINUOUSLY
LAYERED INHOMOGENEOUS HALF-SPACE II THE FIELD IN A
HALF-SPACE
BULL SEIS SOC AM V66 NO PP1305-1315 DEC 66
BY VLAAR N J
DAR ACCESS NO.....012342-027
DDC NUMBER.....AD648520
INSTR...AF-AFOSR-01337
PROJECT/TASK.....8652/00

AFOSR 67-0676
CALIFORNIA INSTITUTE OF TECHNOLOGY
A MOBILE SEISMOGRAPH ARRAY
BULL SEIS SOC AM V66 NO PP889-897 AUG 66
BY LEHNER P E
PRESS F
DAR ACCESS NO.....012342-028
DDC NUMBER.....AD648797
INSTR...AF-AFOSR-01337
PROJECT/TASK.....8652/00

AFOSR 67-0677
IMNSBRUCK UNIVERSITY
ON NUMERICAL RESULTS OF A ONE-DIMENSIONAL UNSTEADY
VARIATIONAL METHOD IN NDO
30 DECEMBER 1966
BY HERRNEGGER F
DAR ACCESS NO.....01250-035
DDC NUMBER.....AD647885
INSTR...AF-61/052/00675
PROJECT/TASK.....9752/01

AFOSR 67-0678
VICTORIA UNIVERSITY OF MANCHESTER
INHIBITION OF THE THERMAL REACTION BETWEEN HYDROGEN AND
OXYGEN FINAL REPORT DEC 1966
BY CLARK D H
SIMMONS R F
DAR ACCESS NO.....010941-001
DDC NUMBER.....AD647886
INSTR...AF-ENAR -0015-65
PROJECT/TASK.....9750/07

AFOSR 67-0679
HOUSTON STATE PSYCHIATRIC INSTITUTE
PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION
PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS FINAL
REPORT JUNE 1966
BY ROESSLER H
BURCH K R
DAR ACCESS NO.....019651-001
DDC NUMBER.....AD660128
INSTR...AF-AFOSR-0951-65
PROJECT/TASK.....9778/01

AFOSR 67-0680
PRINCETON UNIVERSITY
THE ABSOLUTE CONFIGURATION OF METHYL ALLYL SULFOXIDE
STEREOCHEMISTRY OF THE GRIGNARD SYNTHESIS OF OPTICALLY
ACTIVE SULFOXIDES
J AM CHEM SOC V89 PP697-698 1967
BY RICHART P
AKELROD M
JACOBUS J
WISLOW K
DAR ACCESS NO.....022000-001
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 67-0681
UNIVERSITY OF NORTH CAROLINA
ASYMPTOTICALLY OPTIMAL TESTS FOR MULTINOMIAL DISTRIBUTIONS
ANN MATH STATIST V36 N2 PP369-401 APR 65
BY MOEPFONDING W
DAR ACCESS NO.....018670-002
DDC NUMBER.....AD648674
INSTR...AF-AFOSR-0760-65
PROJECT/TASK.....9749/02

AFOSR 67-0682
UNIVERSITY OF NORTH CAROLINA
FOMULATIVE SUM CONTROL CHARTS AND THE WEIBULL DISTRIBUTION
TECHNOMETRICS V8 N3 PP461-491 AUG 66
BY JOHNSON N L
DAR ACCESS NO.....018670-003
DDC NUMBER.....AD648680
INSTR...AF-AFOSR-0760-65
PROJECT/TASK.....9749/02

AFOSR 67-0683
UNIVERSITY OF NORTH CAROLINA
TABLES TO FACILITATE FITTING S SUB U FREQUENCY CURVES
BIOMETRIKA V52 N3-4 PP547-558 1965
BY JOHNSON N L
DAR ACCESS NO.....018670-004
DDC NUMBER.....AD648694
INSTR...AF-AFOSR-0760-65
PROJECT/TASK.....9749/02

AFOSR 67-0684
CASE INSTITUTE OF TECHNOLOGY
CHARACTERIZATION OF NORMAL AND GENERALIZED TRUNCATED
NORMAL DISTRIBUTIONS USING ORDER STATISTICS
ANN MATH STATIST V37 N4 PP1011-1015 AUG 66
BY GOVINDARAJULU Z
DAR ACCESS NO.....015250-002
DDC NUMBER.....AD648681
INSTR...AF-AFOSR-0741-65
PROJECT/TASK.....9749/02

AFOSR 67-0685
PURDUE UNIVERSITY
A NECESSARY CONDITION FOR FOUR-COLORING A PLANAR GRAPH
J COMBINATORIAL THEORY V1 N2 PP375-384 NOV 66
BY BAXTER G E
DAR ACCESS NO.....020480-001
DDC NUMBER.....AD648689
INSTR...AF-AFOSR-0955-65
PROJECT/TASK.....9749/02

AFOSR 67-0686
UNIVERSITY OF CALIFORNIA
EXPERIMENTAL OBSERVATIONS OF THE TRANSITION TO DETONATION
IN AN EXPLOSIVE GAS
PROC ROY SOC LONDON SERA V205 PP13-28 1966
BY UNTIEN P A
OPPENHEIM A K
DAR ACCESS NO.....001933-002
DDC NUMBER.....AD648679
INSTR...AF-AFOSR-0129-65
PROJECT/TASK.....9711/01

AFOSR 67-0688
ROCKET REVEN INC
ION REACTIONS IN MATRICES FINAL REPORT FEB 1967
BY DANTER C
CHAN S I
DAR ACCESS NO.....021740-001
DDC NUMBER.....AD648666
INSTR...AF-49/638/01699
PROJECT/TASK.....9750/02

AFOSR 67-0689
UNIVERSITY OF ILLINOIS
GAS LASER STUDIES IN THE 100 TO 1 000 MICRON RANGE FINAL
REPORT DEC 1966
BY COLEMAN P D
DAR ACCESS NO.....016981-001
DDC NUMBER.....AD648700
INSTR...AF-AFOSR-0804-66
PROJECT/TASK.....9768/02

AFOSR 67-0690
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
STRAIN AGEING OF COMMERCIAL PURE ALUMINUM
MATERIALS SCIENCE AND ENGINEERING V2 N3 PP117-124 SEP 1967
BY ROSEN A
DAR ACCESS NO.....022730-003
DDC NUMBER.....AD648652
INSTR...AF-61/052/00951
PROJECT/TASK.....9762/02

AFOSR 67-0691
APPLICAZIONE RICERCA SCIENTIFICHE
THE METHOD OF ELEMENTARY SOLUTIONS FOR KINETIC MODELS
WITH VELOCITY DEPENDENT COLLISION FREQUENCY
ANN PHYS V40 N3 PP469-481 DEC 1966
BY CERNIGNANI C
DAR ACCESS NO.....018130-004
DDC NUMBER.....AD648601
INSTR...AF-61/052/00981
PROJECT/TASK.....9763/01

AFOSR 67-0698
APPLICAZIONE MICRORR SCIENTIFICHE
UNSTEADY SOLUTIONS OF KINETIC MODELS WITH
VELOCITY-DEPENDENT COLLISION FREQUENCY
ANN PHYS V40 N3 PP454-468 DEC 1966
BY CERCIGNANI C
OAR ACCESS NO.....018130-006
DOC NUMBER.....AD644602
INSTR...AF-41/052/00861
PROJECT/TASK.....9763/01

AFOSR 67-0699
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DIRECT EVIDENCE OF PERSISTENT CURRENT LOOPS IN HARD
SUPERCONDUCTING WIRE
ADML PHYS LETTERS V9 N11 PP391-392 1 DEC 1966
BY IWASA Y
WILLIAMS J E C
OAR ACCESS NO.....007911-100
DOC NUMBER.....AD648535
INSTR...AF-49/638/01468
PROJECT/TASK.....9764/00

AFOSR 67-0699
UNIVERSITY OF CALIFORNIA
THE LOW TEMPERATURE SPECIFIC HEAT OF EUROPIUM SULFIDE IN A
MAGNETIC FIELD
PHYS LETTERS V23 N11 PP634-636 12 DEC 1966
BY PASSENHEIM R C
MCCOLLUM D C JR
CALLAWAY J
OAR ACCESS NO.....009061-012
DOC NUMBER.....AD648585
INSTR...AF-AFOSR-0523-64
PROJECT/TASK.....9763/02

AFOSR 67-0697
CORNELL UNIVERSITY
LOW TEMPERATURE SURFACE EMISSION IN SEEDED COMBUSTION
PRODUCTS
PROC INTERN CONF PHENOMENA IONIZED GASES 7TH BELGRADE
YUGOSLAVIA 22-27 AUG 1965 VI PP11-215 1966
BY TURCOTTE D L
WOLF R
OAR ACCESS NO.....001062-003
DOC NUMBER.....AD648532
INSTR...AF-49/638/01346
PROJECT/TASK.....9763/02

AFOSR 67-0698
VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH
ADSORPTION OF POLAR COMPOUNDS ON AMORPHOUS BORON
NATURE V212 N5038 PP137-139 8 OCT 1966
BY GILLESPIE J S
MORSON M C
GAGLER H M
OAR ACCESS NO.....015210-001
DOC NUMBER.....AD648688
INSTR...AF-AFOSR-0734-65
PROJECT/TASK.....9760/03

AFOSR 67-0699
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CENTRAL IDEMPOTENTS IN GROUP ALGEBRAS
BULL AM MATH SOC V72 N6 PP1009-1002 NOV 66
BY RIDER D
OAR ACCESS NO.....000451-015
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9769/02

AFOSR 67-0700
UNIVERSITY OF COLORADO
UNITARY AND ANTIUNITARY MAY REPRESENTATIONS OF THE PRODUCT
OF N COMMUTING PAIRITY OPERATORS
J MATH PHYS V7 N11 PP1903-1907 NOV 1966
BY RARUT A O
KONY S
OAR ACCESS NO.....013091-003
DOC NUMBER.....AD648678
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9751/01

AFOSR 67-0701
UNIVERSITY OF MARYLAND
IMPURITY DEPENDENCE OF THE CRITICAL FIELD IN ANISOTROPIC
SUPERCONDUCTORS
PHYS REV V153 N2 PP440-454 10 JAN 1967
BY CLEM J R
OAR ACCESS NO.....003333-023
DOC NUMBER.....AD648911
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9751/01

AFOSR 67-0702
GRAFIX INCORPORATED
COMPUTER EXPERIMENTS IN MOTOR LEARNING
PROC FALL JOINT COMPUTER CONF LAS VEGAS NEVADA NOV 1965 V79
PT1 PP753-774 1965
BY BUSSEY G H
OAR ACCESS NO.....012851-001
DOC NUMBER.....AD648534
INSTR...AF-49/638/01476
PROJECT/TASK.....9769/04

AFOSR 67-0703
GRAFIX INCORPORATED
COMPUTER PROCEDURES AND PROGRAMS FOR THE AUTOMATION OF
COMBATIVE PROCESSES FINAL REPORT DEC 1966
BY BUSSEY G H
OAR ACCESS NO.....012851-002
DOC NUMBER.....AD648627
INSTR...AF-49/638/01476
PROJECT/TASK.....9769/04

AFOSR 67-0704
MEMPHIS UNIVERSITY
CONTINUOUS FAMILIES OF CURVES
CAN J MATH V18 PP629-637 66
BY GRUNBAUM A
OAR ACCESS NO.....003641-013
DOC NUMBER.....AD648668
INSTR...AF-EOAR-0063-63
PROJECT/TASK.....9749/02

AFOSR 67-0705
CORNELL UNIVERSITY
FORCED SOUND PROPAGATION IN GASES OF ARBITRARY DENSITY
MANIFIED GAS DYN VI PP44-70 1965
BY HASON R J JR
OAR ACCESS NO.....001062-004
INSTR...AF-49/638/01346
PROJECT/TASK.....9763/02

AFOSR 67-0706
OKLAHOMA STATE UNIVERSITY
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS
ESTERS BY GRIGNARD REAGENTS II EVIDENCE FOR COMPETITIVE
DISPLACEMENT ON CARBON AND PHOSPHORUS IN THE REACTION OF
J ORG CHEM V32 PP129-129 JAN 1967
BY BERLIN K D
PETERSON M E
OAR ACCESS NO.....011801-004
DOC NUMBER.....AD648657
INSTR...AF-AFOSR-0132-65
PROJECT/TASK.....9762/02

AFOSR 67-0707
OKLAHOMA STATE UNIVERSITY
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS
ESTERS BY GRIGNARD REAGENTS III THE REACTION OF ALKYL
DIPHENYLPHOSPHINATES WITH ALKYL GRIGNARDS
J ORG CHEM V32 PP129-133 JAN 1967
BY BERLIN K D
PAGLAGAN R U
OAR ACCESS NO.....011801-005
INSTR...AF-AFOSR-0132-65
PROJECT/TASK.....9762/02

AFOSR 67-0709
OHIO STATE UNIVERSITY
THE FLUORESCENCE OF CYCLIC AZO-COMPOUNDS DETERMINATION OF
SINGLET LIFETIMES
CHEM COMMUN PP299-301 1966
BY STEEL C
THOMAS T F
OAR ACCESS NO.....019181-001
DOC NUMBER.....AD649162
INSTR...AF-AFOSR-0583-66
PROJECT/TASK.....9760/01

AFOSR 67-0710
THE UNIVERSITY OF TEXAS
MATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE
TECHNICAL REPORT NO 31
BY CASTLEMAN K R
WELCH A J
OAR ACCESS NO.....015242-003
DOC NUMBER.....AD648716
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-0711
THE UNIVERSITY OF TEXAS
A CAPACITOR ANALOG MEMORY
TECHNICAL REPORT NO 32 JAN 1967
BY NELSON R L JR
HARBOUT C D
OAR ACCESS NO.....015242-004
DOC NUMBER.....AD648716
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-0712
THE UNIVERSITY OF TEXAS
A MATHEMATICAL MODEL FOR THE BIOLOGICAL CLOCK OF PASSER
DOMESTICUS
TECHNICAL REPORT NO 28 DEC 1966
BY RICHIE C G
WOMACK B F
OAR ACCESS NO.....015242-005
DOC NUMBER.....AD648795
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-0713
PURDUE UNIVERSITY
MULTIDENTATE LIGAND KINETICS X EXCHANGE REACTIONS OF METAL
/11/-CYCLOHEXYLENE-DIAMINETETRAACETATE COMPLEXES
INORG CHEM V6 N2 PP283-289 FEB 1967
BY MARGERUM D W
HENARDI P J
JAMES D L
OAR ACCESS NO.....012651-003
DOC NUMBER.....AD649163
INSTR...AF-AFOSR-0134-65
PROJECT/TASK.....9710/01

AFOSR 67-0714
UNIVERSITY OF WISCONSIN
WAVE-LENGTH DISCRIMINATION IN INSECTS A RECEPTOR CLASSES IN
THE COMPOUND EYE OF THE BACKSWIMMER NOTONECTA B SPECTRAL
SENSITIVITIES OF COMPOUND EYE AND OCELLI IRRORATA IN
OAR ACCESS NO.....017630-001
DOC NUMBER.....AD648965
INSTR...AF-AFOSR-0909-65
PROJECT/TASK.....9777/01

AFOSR 67-0715
STANFORD RESEARCH INSTITUTE
MITOGENIC RESPONSES TO VISUAL STIMULI IN UNICORPUS
PASCATIUM DALLAS
J FRPTL HIL V45 PP401-410 1966
BY CHAPPEL W U
DAR ACCESS NO.....010360-004
DDC NUMBER.....AD64920H
INSTH...AF-AFOSR-0212-65
PROJECT/TASK.....9760/02

AFOSR 67-0717
SANTA RITA TECHNOLOGY INC
APD-WINDO BLACKPND RESPONSES TO ACOUSTIC STIMULI FINAL
REPORT FEB 1967
BY BODUMPAU G W
DAR ACCESS NO.....022410-001
DDC NUMBER.....AD649067
INSTH...F46620-67-C-0042
PROJECT/TASK.....9777/01

AFOSR 67-0718
UNIVERSITY OF CALIFORNIA
STABILITY OF NONLINEAR TIME-VARYING NETWORKS
PRL-67-1 MARCH 1967
BY KIRI Y L
DAR ACCESS NO.....004705-002
DDC NUMBER.....AD649169
INSTH...AF-AFOSR-0134-66
PROJECT/TASK.....9760

AFOSR 67-0722
UNIVERSITY OF CALIFORNIA
HYPEROTIC UREA ITS EFFECTS ON CORTICAL AND SURFICIAL
EVIDENCE POTENTIALS IN CAT
BRAIN RES V3 PP167-171 1966/1967
BY PINEDA A
ADEY H
DAR ACCESS NO.....003322-004
DDC NUMBER.....AD649108
INSTH...AF-AFOSR-0134-66
PROJECT/TASK.....9716/00

AFOSR 67-0723
UNIVERSITY OF WISCONSIN
PREPARATION AND STRUCTURE OF A TETRAMERIC
CYCLOPENTADIENYL ION SULFIDE
INORG CHEM V5 N5 PP900-905 MAY 1966
BY DAHL L F
TREFCHEL P H
WIL C H
WILKES G R
DAR ACCESS NO.....014421-001
DDC NUMBER.....AD649192
INSTH...AF-AFOSR-0518-66
PROJECT/TASK.....9710/01

AFOSR 67-0724
UNIVERSITY OF WISCONSIN
A NEW TYPE OF CYCLIC TRANSITION METAL COMPLEX
J AM CHEM SOC V87 N22 PP5251-5253 20 NOV 1965
BY ARLE F H
CHOSSE L C
DAHL L F
WINDWARD P
DAR ACCESS NO.....014420-002
DDC NUMBER.....AD649136
INSTH...AF-AFOSR-0518-66
PROJECT/TASK.....9713/01

AFOSR 67-0725
UNIVERSITY OF WISCONSIN
THREE-DIMENSIONAL CRYSTAL STRUCTURE OF BENZENECHROMIUM
TRICARBONYL WITH FURTHER COMMENTS ON THE DIMERZNECHROMIUM
STRUCTURE
INORG CHEM V4 N9 PP1314-1319 SEP 1965
BY GAILLY M F
DAHL L F
DAR ACCESS NO.....014420-003
DDC NUMBER.....AD649136
INSTH...AF-AFOSR-0518-66
PROJECT/TASK.....9710/01

AFOSR 67-0726
UNIVERSITY OF WISCONSIN
STRUCTURE OF THIOPHENECHEMUM TRICARBONYL
INORG CHEM V4 N9 PP1375-1374 SEP 1965
BY GAILLY M F
DAHL L F
DAR ACCESS NO.....014420-004
DDC NUMBER.....AD649141
INSTH...AF-AFOSR-0518-66
PROJECT/TASK.....9710/01

AFOSR 67-0727
UNIVERSITY OF WISCONSIN
CRYSTAL STRUCTURE OF A 1:1 MIXTURE OF T4O IRON CARBONYL
SULFIDE COMPLEXES
INORG CHEM V4 N4 PP493-499 APR 1965
BY WIL C H
DAHL L F
DAR ACCESS NO.....014420-005
DDC NUMBER.....AD649142
INSTH...AF-AFOSR-0518-66
PROJECT/TASK.....9710/01

AFOSR 67-0729
NEW YORK UNIVERSITY
SMOOTH-CURVE INTERPOLATION A GENERALIZED SPLINE-FIT
PROCEDURE
MOND TIDSE INTRM HILKALING V4 N4 PP277-283 1966
BY GLASS J H
DAR ACCESS NO.....010113-004
DDC NUMBER.....AD652437
INSTH...AF-AFOSR-0024-65
PROJECT/TASK.....9760/02

AFOSR 67-0729
UNIVERSITY OF MASSACHUSETTS
MMSOSUNA ASSOCIATION AND SULPHATE CHLORATION A SOLVENT MM
STUDY
J INORG NUCL CHEM V29 PP243-246 1967
BY FRANKEL L S
SPENGLER T R
LANGFORD C H
DAR ACCESS NO.....013611-003
DDC NUMBER.....AD649143
INSTH...AF-AFOSR-0212-65
PROJECT/TASK.....9760/02

AFOSR 67-0730
UNIVERSITY OF CALIFORNIA
ACTIVITY OF HYDROCARBONS XXI EQUILIBRIUM ACIDITIES OF SOME
HYDROCARBONS TOWARDS LITHIUM CYCLOHEXYLAMINE IN
CYCLOHEXYLAMINE
J AM CHEM SOC V89 N1 PP59-62 4 JAN 1967
BY STREITWIESER A
CLIFFARIN E
HAMMONS J H
HNAUMAN J I
DAR ACCESS NO.....010441-004
DDC NUMBER.....AD649143
INSTH...AF-AFOSR-0554-64
PROJECT/TASK.....9762/01

AFOSR 67-0731
UNIVERSITY OF CALIFORNIA
ACTIVITY OF HYDROCARBONS XXII RELATIVE EQUILIBRIUM ACIDITIES
OF HYDROCARBONS TOWARD CESIUM CYCLOHEXYLAMIDE
J AM CHEM SOC V89 N1 PP63-67 4 JAN 1967
BY STREITWIESER A
CLIFFARIN E
HAMMONS J H
DAR ACCESS NO.....010441-005
DDC NUMBER.....AD649144
INSTH...AF-AFOSR-0554-64
PROJECT/TASK.....9762/01

AFOSR 67-0732
STANFORD UNIVERSITY
STRESS-STRAIN ISOTHERMS FOR POLY-DIMETHYLSILOXANE/
NITROGEN
J APPL PHYS V37 N3 PP639-6409 DEC 1966
BY MARK J E
FLOMY R J
DAR ACCESS NO.....010391-026
DDC NUMBER.....AD649297
INSTH...AF-AFOSR-0134-66
PROJECT/TASK.....9760/03

AFOSR 67-0733
UNIVERSITY OF MICHIGAN
ON THE PROBLEM OF RECONSTRUCTING A TOURNAMENT FROM
SUBTOURNAMENTS
MATH MATH V71 PP14-23 1967
BY HANARY F
PALMER E
DAR ACCESS NO.....014460-002
DDC NUMBER.....AD649145
INSTH...AF-AFOSR-0754-65
PROJECT/TASK.....9749/01

AFOSR 67-0734
UNIVERSITY OF CALIFORNIA
OPTIMUM QUADRATIC DETECTION OF A RANDOM VECTOR IN GAUSSIAN
NOISE
IEEE TRANS COMMUN TECHNOL V14 N6 PP802-805 DEC 66
BY DAKER C H
DAR ACCESS NO.....015050-006
DDC NUMBER.....AD649146
INSTH...AF-AFOSR-0700-65
PROJECT/TASK.....9749/01

AFOSR 67-0735
UNIVERSITY OF CALIFORNIA
THEORY OF QUEUES APPLIED TO TIME-SHARED COMPUTER SYSTEMS
1966 IEEE MFG SIX CONF RECORD TUCSON ARIZONA 1966
BY KLEINROCK L
DAR ACCESS NO.....015050-007
DDC NUMBER.....AD649147
INSTH...AF-AFOSR-0700-65
PROJECT/TASK.....9749/01

AFOSR 67-0736
UNIVERSITY OF MICHIGAN
DINAMIC MATRICES WITH EQUAL DETERMINANT AND PERMANENT
STUDIA SCI MATH HUNGARICA V1 PP179-183 1966
BY BEINKE L W
HARARY F
DAR ACCESS NO.....014460-003
DDC NUMBER.....AD649150
INSTH...AF-AFOSR-0754-65
PROJECT/TASK.....9749/01

AFOSR 67-0737
UNIVERSITY OF MICHIGAN
ON THE GROUP OF THE GROUP OF A PLANAR MAP
J COMBINATORIAL THEORY V1 N3 PP304-305 NOV 65
BY HANARY F
TUTTE W T
DAR ACCESS NO.....014460-004
DDC NUMBER.....AD649152
INSTH...AF-AFOSR-0754-65
PROJECT/TASK.....9749/01

AFOSR 67-0740
UNIVERSITY OF WISCONSIN
AN ASSESSMENT OF THE INFLUENCE OF A METAL-METAL BOND ON
THE MOLECULAR GEOMETRY OF AN ORGANOMETALLIC LIGAND-UNIDGED
COMPLEX
J AM CHEM SOC V89 N3 PP542-552 1967
BY COLEMAN J H
DAHL L F
DAR ACCESS NO.....014421-002
DDC NUMBER.....AD649154
INSTH...AF-AFOSR-0518-66
PROJECT/TASK.....9710/01

AFOSR 67-0741
UNIVERSITY OF WISCONSIN
THE STRUCTURE OF METAPHTHALYBENZENCHROMIUM TRICARBONYL
WITH COMMENTS ON THE DIBENZENCHROMIUM STRUCTURE
INORG CHEM V4 N9 PP1296-1306 SEP 1965
BY BAILLY M F
DAML L F
OAH ACCESS NO.....014420-006
DDC NUMBER.....AD648899
INSTR...AF-AFOSR-051H-64
PROJECT/TASK.....9710/01

AFOSR 67-0742
UNIVERSITY OF CHICAGO
ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE I IGDOT
CONDOR SOLUTIONS
J PHYS CHEM V71 N2 PP316-323 JAN 1967
BY DEANROFT D J
HACHTRIEN N H
OAH ACCESS NO.....009131-004
DDC NUMBER.....AD648899
INSTR...AF-AFOSR-062A-64
PROJECT/TASK.....9710/02

AFOSR 67-0745
UNIVERSITY OF ROCHESTER
EXCITED-STATE WAVE FUNCTIONS EXCITATION ENERGIES AND
OSCILLATOR STRENGTHS FOR KRYPTON AND XENON
PHYS REV V152 N1 PP50-56 2 DEC 1966
BY DOW J D
KNOR H S
OAH ACCESS NO.....002783-010
DDC NUMBER.....AD648903
INSTR...AF-AFOSR-0611-64
PROJECT/TASK.....9761/01

AFOSR 67-0746
UNIVERSITY OF ROCHESTER
HEAT FLOW IN A SUPERCONDUCTOR IN THE VORTEX STATE
PHYS REV LETTERS V18 N2 PP47-49 9 JAN 1967
BY PARKS R D
ZUMSTEG P C
MOCHTEL J M
OAH ACCESS NO.....016610-003
DDC NUMBER.....AD648907
INSTR...AF-AFOSR-0807-65
PROJECT/TASK.....9761/02

AFOSR 67-0747
UNIVERSITY OF ROCHESTER
EVIDENCE FOR THERMODYNAMIC FLUCTUATIONS IN A SUPERCONDUCTOR
PHYS REV LETTERS V18 N10 PP342-345 6 MAR 1967
BY PARKS R D
GROFF H P
OAH ACCESS NO.....016610-004
INSTR...AF-AFOSR-0807-65
PROJECT/TASK.....9761/02

AFOSR 67-0748
CORNELL UNIVERSITY
THERMAL DECOMPOSITION OF H2SO4
PACIFIC J WATH V19 N3 PP573-582 1966
BY WIDOM H
OAH ACCESS NO.....015690-002
DDC NUMBER.....AD648908
INSTR...AF-AFOSR-0743-65
PROJECT/TASK.....9761/02

AFOSR 67-0749
THE UNIVERSITY OF TEXAS
FLUX TRAPPING OF HF FIELDS IN SUPERCONDUCTORS
PHYS REV V146 N1 PP13-317 5 AUG 1966
BY HADEN C W
HARTWIG W H
OAH ACCESS NO.....015241-026
DDC NUMBER.....AD649154
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....9761/00

AFOSR 67-0750
UNIVERSITY OF NORTH CAROLINA
INSTRUMENT FOR FUNCTIONAL HEADOUT OF CHROMOCOLLOMETRIC
DATA APPLICATION TO CADMIUM ADSORPTION FROM IODINE MEDIUM
ANAL CHEM V39 N1 PP51-54 JAN 1967
BY ODOM G W
MURRAY H W
OAH ACCESS NO.....014090-010
DDC NUMBER.....AD649155
INSTR...AF-AFOSR-0544-64
PROJECT/TASK.....9761/01

AFOSR 67-0751
OKLAHOMA STATE UNIVERSITY
STRUCTURAL EFFECTS ON THE COMPLEXING ABILITY OF ALKYL
DIPHENYLPHOSPHINATES WITH MAGNESIUM IODIDE
CHEM COMMUN PP687-689 1966
BY REHLIN R D
PAGILAGAN R U
OAH ACCESS NO.....011802-001
DDC NUMBER.....AD649156
INSTR...AF-AFOSR-0132-67
PROJECT/TASK.....9761/02

AFOSR 67-0752
THE JOHNS HOPKINS UNIVERSITY
ISOTOPE EFFECT IN THE REACTION OF H2 WITH RARE GASES
ADVAN CHEM SER 55H PP83-86 1966
BY BENTA M A
ELLIS H Y
KOSKI W S
OAH ACCESS NO.....014090-006
DDC NUMBER.....AD649208
INSTR...AF-AFOSR-01301
PROJECT/TASK.....9761/02

AFOSR 67-0753
STANFORD UNIVERSITY
A NEW MODEL FOR IMPULSIVE PHENOMENA APPLICATION
ATMOSPHERIC-NOISE COMMUNICATION CHANNELS
SEL 66-052 AUG 1966
BY HALL H M JR
OAH ACCESS NO.....000174-001
DDC NUMBER.....AD648850
INSTR...AF-AFOSR-0753-66

AFOSR 67-0753
STANFORD UNIVERSITY
A NEW MODEL FOR IMPULSIVE PHENOMENA APPLICATION TO
ATMOSPHERIC-NOISE COMMUNICATION CHANNELS
SEL 66-052 AUG 1966
BY HALL H M JR
OAH ACCESS NO.....017360-004
DDC NUMBER.....AD648850
INSTR...AF-AFOSR-0753-66

AFOSR 67-0754
STATE UNIVERSITY OF NEW YORK
STABLE AND UNSTABLE SILYL AND GERMYL COMPOUNDS FINAL
REPORT MARCH 1967
BY SUJISHI S
GOLDFAND T D
OAH ACCESS NO.....007651-003
DDC NUMBER.....AD648881
INSTR...AF-AFOSR-0277-63
PROJECT/TASK.....9762/02

AFOSR 67-0755
CARNEGIE INSTITUTE OF TECHNOLOGY
SEQUENTIAL EQUIVALENTS OF PARALLEL PROCESSES
FEBRUARY 1967
BY PANNAS D L
OAH ACCESS NO.....017360-010
DDC NUMBER.....AD648881
INSTR...AF-AFOSR-0277-63
PROJECT/TASK.....9762/02

AFOSR 67-0757
UNIVERSITY OF MINNESOTA
DISJOINTNESS IN ERGODIC THEORY MINIMAL SETS AND A PROBLEM
IN DIOPHANTINE APPROXIMATION
MATH SYSTEMS THEORY V1 N1 PP1-49 1966
BY FURSTENBERG H
OAH ACCESS NO.....000418-001
DDC NUMBER.....AD648881
INSTR...AF-AFOSR-0381-66
PROJECT/TASK.....9762/02

AFOSR 67-0758
RESEARCH TRIANGLE INSTITUTE
ON DAVES SEQUENTIAL DESIGN WITH TWO RANDOM VARIABLES
METRIKA V53 PP469-475 1966
BY RUMER H
OAH ACCESS NO.....017360-004
DDC NUMBER.....AD649154
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....9761/02

AFOSR 67-0759
THE JOHNS HOPKINS UNIVERSITY
MULTIPLE REGRESSION WITH STATIONARY ERRORS
J AM STATIST ASSOC V61 PP17-28 DEC 66
BY DUNCAN D H
JILL S R H
OAH ACCESS NO.....014670-009
DDC NUMBER.....AD649300
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....9761/02

AFOSR 67-0760
THE UNIVERSITY OF TEXAS
A SEARCH TECHNIQUE FOR QUASI-PERFECT CODES
INFORM CONTROL V9 N1 PP94-99 FEB 1966
BY WAGNER T J
OAH ACCESS NO.....015241-027
DDC NUMBER.....AD649155
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....9761/00

AFOSR 67-0761
THE UNIVERSITY OF TEXAS
FIELD RANGE AND RESOLUTION IN MICROGRAPHY
J OPT SOC AM V56 N12 PP1754-1759 DEC 1966
BY CARTER W H
DOUGAL A A
OAH ACCESS NO.....015241-028
DDC NUMBER.....AD649155
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....9761/00

AFOSR 67-0762
THE UNIVERSITY OF TEXAS
BREAKDOWN MINIMA DUE TO ELECTRON-IMPACT IONIZATION IN SUPER-
HIGH-PRESSURE GASES IRRADIATED BY A FOCUSED GIANT-PULSE
LASER
PHYS REV LETTERS V15 N22 PP645-647 24 NOV 1965
BY GILL C H
DOUGAL A A
OAH ACCESS NO.....015241-029
DDC NUMBER.....AD649155
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....9761/00

AFOSR 67-0763
THE UNIVERSITY OF TEXAS
LASER Q - SWITCHING SYSTEMS
IEEE STUDENT J PPI-8 JAN 1968
BY MCCLROY J M
GILL D H
DOUGAL A A
OAR ACCESS NO.....015241-030
DOC NUMBER.....AD649608
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0764
THE UNIVERSITY OF TEXAS
A NEW PULSED ION LASER TRANSITION IN NITROGEN AT 3495 A
IEEE J QUANTUM ELECTRON VQE-2 N6 P134 AUG 1966
BY ALLEN R B
STANNES R B
DOUGAL A A
OAR ACCESS NO.....015241-031
DOC NUMBER.....AD649607
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0765
THE UNIVERSITY OF TEXAS
THE PROBLEM OF MULTIPARAMETER ADAPTIVE SYSTEMS HAVING
SPECIFIED POLES AND ZEROS
PROC NATL ELECTRON CONF V22 PP695-699 1966
BY MONACK D F
WATT J T JR
OAR ACCESS NO.....015241-032
DOC NUMBER.....AD649608
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0766
THE UNIVERSITY OF TEXAS
MAGNETIC LOSSES IN SUPERCONDUCTORS AT HIGH FREQUENCIES
IEEE TRANS MAGNETICS VMAG-2 N3 PP331-333 SEP 1966
BY HADEN C H
HARTWIG R H
VICTOR J W
OAR ACCESS NO.....015241-033
DOC NUMBER.....AD649610
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0767
THE UNIVERSITY OF TEXAS
INPUT POWER INDUCED THERMAL EFFECTS RELATED TO TRANSITION
TIME BETWEEN AVALANCHE AND SECOND BREAKDOWN IN P-N SILICON
JUNCTIONS
IEEE TRANS ELECTRON DEVICES VED-13 N8/7 PP627-629 AUG/SEP
1966
BY FERRY D K
DOUGAL A A
OAR ACCESS NO.....015241-034
DOC NUMBER.....AD649610
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0768
UNIVERSITY OF NEWCASTLE
PREPARATION AND PROPERTIES OF MONOSUBSTITUTED
TRIETHYLAMINE-HORANES
J INORG NUCL CHEM V29 PP329-333 1967
BY FAULKES J H G
GREFFWOOD M N
MORRIS J H
OAR ACCESS NO.....010162-007
DOC NUMBER.....AD649743
INSTR...AF-61/052/00910
PROJECT/TASK.....9710/02

AFOSR 67-0769
COLUMBIA UNIVERSITY
ENERGY TRANSFER AND ELECTRON CONDUCTION IN THE FLUID
TRANSPIRATION AND
T-1/312 FEB 1967
BY TSCHANG P S
OAR ACCESS NO.....011402-004
DOC NUMBER.....AD653196
INSTR...AF-49/638/01395
PROJECT/TASK.....9782/02

AFOSR 67-0770
CONNECTICUT COLLEGE
A HANDBOOK OF HAZARDS FOR LINGUISTS FINAL REPORT APRIL 1967
OAR ACCESS NO.....016771-001
BY KOLLER A
INSTR...AF-AFOSR-0787-66
PROJECT/TASK.....9789/05

AFOSR 67-0772
STANFORD UNIVERSITY
SOME INTEGRAL EQUATIONS WITH NONRATIONAL KERNELS
IEEE TRANS INFORM THEORY VIT-12 N4 PP442-447 OCT 66
BY KAILATH T
OAR ACCESS NO.....017363-005
DOC NUMBER.....AD649740
INSTR...AF-49/638/01517
PROJECT/TASK.....9749/01

AFOSR 67-0773
STANFORD UNIVERSITY
STABILITY OF PASSIVE TIME-VARIABLE CIRCUITS
PROC IEEE V114 N1 PP1-75 JAN 1967
BY KLAMM C F JR
ANDERSON C D O
NEWCOMB H F
OAR ACCESS NO.....011061-013
DOC NUMBER.....AD649803
INSTR...AF-AFOSR-0337-63
PROJECT/TASK.....9749/01

AFOSR 67-0774
UNIVERSITY OF MICHIGAN
THE BLOCK-CUTPOINT-TREE OF A GRAPH
PUBL MATH V13 N1-4 PP103-107 DEC 1966
BY HARARY F
PRINS G
OAR ACCESS NO.....014840-008
DOC NUMBER.....AD649807
INSTR...AF-AFOSR-0784-65
PROJECT/TASK.....9749/01

AFOSR 67-0775
UNIVERSITY OF CALIFORNIA
ON A MEAN VALUE THEOREM FOR VECTOR-VALUED FUNCTIONS WITH
APPLICATIONS TO UNIQUENESS THEOREMS FOR RIGHT-HAND-
DERIVATIVE EQUATIONS
J MATH ANAL APPL V18 N2 PP302-307 NOV 1966
BY AZIZ A K
DIAZ J B
MLAK V
OAR ACCESS NO.....022190-002
INSTR...AF-AFOSR-1122-66
PROJECT/TASK.....9749/01

AFOSR 67-0776
UNIVERSITY OF CALIFORNIA
A MAXIMUM PRINCIPLE OF THE PONTRYAGIN TYPE FOR SYSTEMS
DESCRIBED BY NONLINEAR DIFFERENCE EQUATIONS
J SIAM CONTROL V4 N1 PP99-111 1966
BY HALKIN H
OAR ACCESS NO.....020990-001
DOC NUMBER.....AD645342
INSTR...AF-AFOSR-1039-66
PROJECT/TASK.....9749/01

AFOSR 67-0777
UNIVERSITY OF CALIFORNIA
AN ABSTRACT FRAMEWORK FOR THE THEORY OF PROCESS
OPTIMIZATION
BULL AM MATH SOC V22 N6 PP677-678 JUL 1966
BY HALKIN H
OAR ACCESS NO.....020990-002
DOC NUMBER.....AD649959
INSTR...AF-AFOSR-1039-66
PROJECT/TASK.....9749/01

AFOSR 67-0778
UNIVERSITY OF CALIFORNIA
FINITELY CONVEX SETS OF NONLINEAR DIFFERENTIAL EQUATIONS
MATH SYSTEMS THEORY V1 N1 PP51-53 1966
BY HALKIN H
OAR ACCESS NO.....020990-003
DOC NUMBER.....AD649959
INSTR...AF-AFOSR-1039-66
PROJECT/TASK.....9749/01

AFOSR 67-0780
UNIVERSITY OF CALIFORNIA
ON THE UNIFORM LIMIT OF MULTIPLE BALAYAGE OF VECTOR
INTEGRALS
AM MATH MONTHLY V73 N7 PP733-735 AUG-SEP 1966
BY HALKIN H
OAR ACCESS NO.....020990-004
DOC NUMBER.....AD649959
INSTR...AF-AFOSR-1039-66
PROJECT/TASK.....9749/01

AFOSR 67-0781
UNIVERSITY OF CALIFORNIA
NECESSARY AND SUFFICIENT CONDITION FOR A CONVEX SET TO BE
CLOSED
AM MATH MONTHLY V73 N6 PP628-630 JUN-JUL 1966
BY HALKIN H
OAR ACCESS NO.....023000-005
DOC NUMBER.....AD649959
INSTR...AF-AFOSR-1039-66
PROJECT/TASK.....9749/01

AFOSR 67-0782
UNIVERSITY OF WASHINGTON
VON ZEIPPEL METHOD AND THE TWO-VARIABLE EXPANSION PROCEDURE
ASTRON J V71 N9 PP878-885 NOV 66
BY KEVORKIAN J
OAR ACCESS NO.....021410-001
DOC NUMBER.....AD649960
INSTR...AF-AFOSR-1054-64
PROJECT/TASK.....9749/01

AFOSR 67-0783
CALIFORNIA INSTITUTE OF TECHNOLOGY
SATELLITE MOTION FOR ALL INCLINATIONS AROUND AN OBLATE
PLANET
INTERN ASTRON UNION SYMPO 25TH PP291-322 1966
BY ECKSTEIN H
KEVORKIAN J
OAR ACCESS NO.....003581-005
DOC NUMBER.....AD649961
INSTR...AF-AFOSR-0250-62
PROJECT/TASK.....9749/01

AFOSR 67-0784
THE UNIVERSITY OF TEXAS
MEAN-SQUARE APPROXIMATION BY GENERALIZED RATIONAL FUNCTIONS
MATH Z V95 PP232-241 1967
BY CENEY E W
GOLSTEIN A A
OAR ACCESS NO.....021520-001
DOC NUMBER.....AD649965
INSTR...AF-AFOSR-1109-66
PROJECT/TASK.....9749/01

APOSR 67-0786
NORTHWESTERN UNIVERSITY
OPTICAL ABSORPTION COEFFICIENTS OF VANADIUM PENTACHLORIDE SINGLE CRYSTALS FINAL REPORT MARCH 1967
J PHYS CHEM SOLIDS V27 PP1237-1246 AUG 68

BY WHITMORE D H OAH ACCESS NO..... JF0011 .991
KENNY N DIC NUMBER
KANNENRUP C H INST..... AFDOSB... ..
PROJECT/TASK..... /AUG 68

AFJNR 87-0787
JOHN CARROLL UNIVERSITY
OSCILLATORY MAGNETOACUSTIC ATTENUATION
PHYS LETTERS V22 N5 PP660-670 15 SEP 1966
BY PLAX L
TRIVISONNO J
DAN ACCESS NO.....JUL701-087
DOC NUMBER.....0064914
INST.....AF-AFJNR-87-07
PROJECT/TASK.....JUL701-087

APQSR 87-0788
TESQVA UNIVERSITY
THEORY OF PARAMAGNETIC IMPURITIES IN SEMICONDUCTORS
J MATH PHYS V 111 PP2045-2052 NOV 1986
BY MATTIS U C
LIER E M
INST...AP-APOSR-187...
PROJ CT/TASK...77A1/01

AFOSR 67-0769
UNIVERSITY OF CALIFORNIA
ELECTRON IN BOX THEORY FOR METAL ATOM CLUSTERS
J CHEM PHYS 66A N1 0030-4001 JAN 1967
BY LIORY M F
DAR ACCESS NO.....312152-004
OAC NUMBER.....0000045402
INST.....AF-AP036-0245-1b
PROJECT/TASK.....0010/03

APQSR 67-0792

UNIVERSITY OF CHICAGO
FORMATION OF MESONANT STATES IN NEGATIVE K MESON PLUS
PROTON INTO NEGATIVE K MESON PLUS PROTON BETWEEN 0.8 AND
1.2 GEV/C
PHYS REV LETTERS V17 N24 PP1224-1226 DEC 66

BT GFLFAND N M
HARMSEN D
LEVI SEITZ H
PREDAZZI E
RAYMUND M

DAR ACCESS NU.....001701-P-1
DOC NUMBER.....AD041741
INST.....AF-49/038/0106P
PROJECT/TASK.....07M-101

AFOSR 87-0793
UNIVERSITY OF COLORADO
ON IRREDUCIBLE REPRESENTATION OF A CLASS OF ALGEBRAS AND:
RELATED PROJECTIVE REPRESENTATIONS
J MATH PHYS 27 111 P1908-1910 NOV 1986
BY BARUT A O
OAC ACCESS NO.....013091...?
OOC NUMBER.....ADP-7?
INST.....AFOSR-86-30-65
PROJECT/TASK.....9731/01

AFOSR 67-0794
LAH DE FISICA COSMICA
SOLAR DAILY VARIATION RECORDED AT A LOW LATITUDE STATION BY
FAST AND WEST POINTING TELESCOPES DURING PERIODS OF MAXIMUM
AND MINIMUM SOLAR ACTIVITY
PROC INTERN CONF COSMIC RAYS 9TH LONDON ENGLAND PP100-102
1955
BY AMLUVALIA M S
ESCONHA V E
ZUBIETA M
OAC ACCESS NO.....0008826-042
OAC NUMBER.....AD 9984
INST.....AF-AP-6508-0310-00
PROJECT/IAS.....9751/10

AFOSR 87-0795
LAB DE FISICA COSMICA
A CASE OF TRANSIENT ANISOTROPY DURING THE RECOVERY PHASE
OF A FUMBUS DECREASE
PLANET SPACE SCI V14 P0791-A05 1986
BY ANHUWALIA M S
OAR ACCF55 NO.....004036-003
DOC NUMBER.....AD64957
INSTR.....AF-AFOSR-0139-00
PROJECT/TASK.....973/0

AFOSR 87-0700
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOMETHYL-TRIAL COMPOUNDS XII: THE ACTION OF SODIUM IODIDE
ON PHENYL /TRIAL/METHYL/ MERCURY COMPOUNDS A NEW METHOD
OF DITHALOCAMERNE GENERATION
J AM CHEM SOC VOL 94 NO 09054-0965 15 FEB 1967
NR ARC55 NO.....014281-004
DDC NUMBER.....06060930
1INST...AF-AFOSR-05* 66
PROJECT/TASK.....702/07
BY SEVERITH O
GORDON E
VICK-PUI MUI J
BURLITCH J M

[illegible][illegible]

AT133M 9-8807:
 LINDHALL UNIVERSITY
 ENGINEERING DEPARTMENT (262) 237-4711
 1600 UNIVERSITY AVE. ST. JOSEPH, MO 64506
 BY 14600000 10

[illegible]

APOSH 67-0002
 DEPT WASHINGTON
 DELETION OF SUBMITTING TO BUREAU BY TELEPHONE CALL
 WDC SPEE W34 M27 P01N1-SIDE DEC 1967
 BY DELETED F
 LONDOY W

AFOM NJ-0003
STATE UNIVERSITY OF NEW YORK
DISCLOS POLSITIZ(19)65 OF THE 2546825151 AND 254683
STATES OF NEW YORK PLUS
PHYS NEW VIZ 20 1 PPUS-01 DFC 66
BY CHUNG K T
WIKST N D
DOR ACCE M:.....NJ0003-000
DOR NUMBER.....ADN0003
INSTR.....ADP0003
INSTRUCIN.....9270/

AFOSR 83-0066
COUNCIL VARIABILITY
RANGE METEOROLOGICAL ASTIMES OF TYPIC COMPOSITION FROM
125 TO 1400 KILOMETERS FROM SUBARMINAL BARRIER AND SUMMER
CLOUDS
J. WILKINS MS WPI 423 00523-0078 DEC 1984
001 AIRCRAFT RE.....000000-034
002 NUMBER.....00000070
003 INSTR.....00-000000-01156
004 PROJECT/AS.....000000-000000

000000 000000
 COMMERCIAL ELECTRIC COMPANY
 PERSONAL WAREHOUSE ALABAMA PRICES FINAL REPORT OCT 1966
 BY GARY L. B.
 OAK RIDGE, TENN. 37831-0000
 COMMERCIAL ELECTRIC COMPANY
 PERSONAL WAREHOUSE ALABAMA PRICES FINAL REPORT OCT 1966

[illegible]

AFOSR 87-0671

STANDARDIZATION EFFORTS TO FACILITATE
SUPPORT OF EMERGENCY LANGUAGES FOR SYMBOL AND ALPHABET
MANIPULATION OPERATIONS OF FIELD OPERATIONS IN SYMBOL
MANIPULATION LANGUAGES IS IN ITS EARLY STAGES. FINAL REPORT
ON ACCESS TO THE DATA IS BEING
CURRENTLY BEING REVIEWED BY THE
INTERAGENCY WORKING GROUP ON
SYMBOLIC LANGUAGE OPERATIONS

AFOSR 67-0813
UNIVERSITY OF PITTSBURGH
NUCLEAR MAGNETIC RESONANCE STUDY OF ELECTRON-COUPLED
INTERNUCLEAR INTERACTIONS IN THALLIUM CHLORIDE
J CHEM PHYS V45 N11 PP4080-4087 1 DEC 1966
BY CLOUGH S
GOLDUNG W I
OAR ACCESS NO.....003173-001
DOC NUMBER.....AD650009
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....9763/02

AFOSR 67-0814
UNIVERSITY OF TEXAS
DIELECTRIC DISSIPATION IN NaCl AND KCl BELOW 4.2 DEGREES K
J APPL PHYS V37 N13 PP4784-4789 DEC 1966
BY GRISSON D
HARTWIG W H
OAR ACCESS NO.....015241-035
DOC NUMBER.....AD650020
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0815
UNIVERSITY OF TEXAS
ON NON-ELEMENTARY SINGULAR POINTS
J FRANKLIN INST V261 N1 PP41-50 JAN 1966
BY AGGARWAL J K
OAR ACCESS NO.....015241-036
DOC NUMBER.....AD650021
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0816
UNIVERSITY OF TEXAS
NONLINEAR OSCILLATIONS AMPLITUDE BOUNDS FOR SECOND-ORDER
SYSTEMS
J FRANKLIN INST V262 N1 PP42-53 JUN 1966
BY AGGARWAL J K
OAR ACCESS NO.....015241-037
DOC NUMBER.....AD650023
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0817
UNIVERSITY OF TEXAS
EVALUATION OF FARADAY SHIELDED STEA COILS FOR ION CYCLOTRON
RESONANCE HEATING OF PLASMA
RCV SCI INSTR V37 N11 PP1455-1459 NOV 1966
BY DOUGL A A
CHRISTIANSON M
DOUGL A A
OAR ACCESS NO.....015241-038
DOC NUMBER.....AD650025
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0818
UNIVERSITY OF TEXAS
CONTINUOUS MICROWAVE EMISSION FROM INDIUM ANTIMONIDE
J APPL PHYS V36 N11 PP3694-3695 NOV 1965
BY FCHRY D K
YOUNG W W
DOUGL A A
OAR ACCESS NO.....015241-039
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0819
UNIVERSITY OF TEXAS
COMPARISON OF NUMERICAL CALCULATIONS AND MEASURED
SPACE-TIME RESOLVED PLASMA PROPERTIES OF A DYNAMICAL THETA
PINCH
AIAA J V4 N12 PP2154-2165 DEC 1966
BY PRIBOKICH O M JR
DOUGL A A
OAR ACCESS NO.....015241-040
DOC NUMBER.....AD650026
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0820
UNIVERSITY OF TEXAS
QUANTITATIVE OBSERVATIONS OF DUT ANGEL ECHOES AT TWO
FREQUENCIES
RADIO SCI VI N5 PP537-543 MAY 1966
BY DEAN A P
LAGNONE A H
OAR ACCESS NO.....015241-041
DOC NUMBER.....AD650028
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0821
UNIVERSITY OF TEXAS
INTERNATIONAL DEVELOPMENTS IN CONTROLLED THERMONUCLEAR
FUSION
IEEE SPECTRUM V3 N2 PP87-93 FEB 1966
BY DOUGL A A
OAR ACCESS NO.....015241-042
DOC NUMBER.....AD650036
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0822
UNIVERSITY OF TEXAS
THE EFFECTS OF ATMOSPHERES IN THE ATMOSPHERE ON THE
PROPAGATION OF MICROWAVE SIGNALS
J ATMOSPHERIC TERRESTRIAL PHYS V28 PP341-374 1966
BY MAJOVSKY H G
LAGNONE A H
OAR ACCESS NO.....015241-043
DOC NUMBER.....AD650039
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0823
UNIVERSITY OF TEXAS
RADAR REFLECTIONS FROM INSECTS IN THE LOWER ATMOSPHERE
IEEE TRANS ANTENNAS PROPAGATION VAP-14 N2 PP224-227 MAR
1966
BY MAJOVSKY H G
DEAN A H
LAGNONE A H
OAR ACCESS NO.....015241-044
DOC NUMBER.....AD650042
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0824
NORTHWESTERN UNIVERSITY
BOUNDS FOR LIPFAR FUNCTIONALS
BULL AM MATH SOC V73 N1 PP180-183 JAN 1967
BY STARGOLD I
OAR ACCESS NO.....015241-001
DOC NUMBER.....AD650011
INSTR...AF-AFOSR-0100-66
PROJECT/TASK.....9782/01

AFOSR 67-0825
NORTHWESTERN UNIVERSITY
GROWTH OF SODIUM CHLORIDE-POTASSIUM CHLORIDE MIXED CRYSTALS
FROM THE MELT
MAT RES BULL V2 N2 PP263-267 1967
BY WOLFSON H G
KODES W
OAR ACCESS NO.....015070-002
DOC NUMBER.....AD650010
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9763/01

AFOSR 67-0826
UNIVERSITY OF TEXAS
INFRARED MASER COUPLED RESONATOR AND FARADAY ROTATION
TECHNIQUES FOR EXPERIMENTAL IONIZED GAS DIAGNOSTICS
PHOC INTERN CONF PHENOMENA IN IONIZED GASES 7TH UEOGRAD
1966 V3 PP205-209
BY DOUGL A A
GRIMBLE R F
RAIG J H
WHIFORTH D M
OAR ACCESS NO.....015241-045
DOC NUMBER.....AD650043
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0827
UNIVERSITY OF TEXAS
A RESONATOR TECHNIQUE FOR STUDYING DISPERSION IN
LONGITUUDINALLY MAGNETIZED PLASMA GUIDES
IEEE TRANS MICROWAVE THEORY TECH VMT14 N1 PP40-41 JAN 1966
BY LIKUSKI R K
GULEMAN P D
STAFFORD J J
OAR ACCESS NO.....015241-046
DOC NUMBER.....AD650046
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0828
UNIVERSITY OF TEXAS
HIDDEN MODES AND POLE-ZERO CANCELLATION
IEEE TRANS AUTO CONTROL VAC-11 N4 PP749-751 OCT 1966
BY ALWENTRON M D
WOMACK H F
OAR ACCESS NO.....015241-047
DOC NUMBER.....AD650047
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0829
UNIVERSITY OF MICHIGAN
ITERATIVE COMPUTATION PROCEDURES FOR AN OPTIMUM CONTROL
PROBLEM
IEEE TRANS AUTO CONTROL VAC-10 N3 PP346-348 JULY 65
BY PANCHER J R
OAR ACCESS NO.....0150620-002
DOC NUMBER.....AD650048
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0830
UNIVERSITY OF TEXAS
A PERFORMANCE CRITERION FOR ADAPTIVE PATTERN CLASSIFICATION
SYSTEMS
JACC PCCC PP38-40 1966
BY PATTERSON J D
BAGNER T J
WOMACK H F
OAR ACCESS NO.....015241-048
DOC NUMBER.....AD650077
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0832
UNIVERSITY OF TEXAS
SPACE SCIENCE JOINT URSI/GO-AP TECHNICAL SESSION
PROC U S NATL COMM MEETING AUSTIN TEXAS 7 DEC 1966 P12
BY STRATTON A W
DEAN A P
DODD J L
OAR ACCESS NO.....015241-049
DOC NUMBER.....AD650088
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0833
UNIVERSITY OF TEXAS
ON AN ADAPTIVE TLU UTILIZING FERROMAGNETIC THIN-FILM
WEIGHT
IEEE TRANS MAGNETICS MAG-2 N4 PP771-773 DEC 1966
BY JACKSON F E
WOMACK H F
OAR ACCESS NO.....015241-050
DOC NUMBER.....AD650088
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-0834
COLUMBIA UNIVERSITY
A TRANSIENT FIBER OPTICS PROBE FOR SPACE RESOLVED
DIAGNOSTICS OF DENSE PLASMAS
AIAA VA NIO PM1768-1772 OCT 66
BY STOJANOFF C G
DAR ACCESS NO.....011402-003
DOC NUMBER.....AD650234
INSTR...AF-69/638/01395
PROJECT/TASK.....9783/02

AFOSR 67-0835
NORTH DAKOTA STATE UNIVERSITY
ATTITUDES TOWARD CIVIL LIBERTIES A CROSS-CULTURAL STUDY
J PSYCHOL 105 PP148-152 1967
BY WHITTAKER J O
DAR ACCESS NO.....016390-001
DOC NUMBER.....AD650457
INSTR...AF-AFOSR-0762-63
PROJECT/TASK.....9779/02

AFOSR 67-0836
UNIVERSITY OF CALIFORNIA
ON COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC
FLUTTER OF CIRCULAR CYLINDRICAL SHELLS
AIAA AEROSPACE SCI MEETING 5TH NEW YORK NY 23-26 JAN 1967
BY OLSON H D
PUNG Y C
DAR ACCESS NO.....001374-001
DOC NUMBER.....AD649934
INSTR...AF-AFOSR-1185-67
PROJECT/TASK.....9782/1

AFOSR 67-0837
INDIANA UNIVERSITY
ON THE ANALYTIC PROPERTIES OF SOLUTIONS FOR A GENERALIZED
AXIALLY SYMMETRIC SCHRÖDINGER EQUATION
J DIFFERENTIAL EQUATIONS V3 N1 PP59-77 JAN 67
BY GILBERT P P
DAR ACCESS NO.....02297C 0.
INSTR...AF-AFOSR-1206-67
PROJECT/TASK.....9749/01

AFOSR 67-0838
COLORADO STATE UNIVERSITY
A NOTE ON FAMILIES OF SINGULAR STURM-LIOUVILLE SYSTEMS
PORTUGAL MATH V25 N2 PP91-98 1966
BY STEIN F H
DAR ACCESS NO.....009441-002
DOC NUMBER.....AD650017
INSTR...AF-AFOSR-0185-63
PROJECT/TASK.....9749/01

AFOSR 67-0839
UNIVERSITY OF MICHIGAN
AN ITERATIVE PROCEDURE FOR COMPUTING THE MINIMUM OF A
QUADRATIC FORM ON A CONVEX SET
J SIAM CONTROL V4 N1 PP61-80 1966
BY GILBERT E G
DAR ACCESS NO.....018421-003
DOC NUMBER.....AD649440
INSTR...AF-AFOSR-0814-65
PROJECT/TASK.....9749/01

AFOSR 67-0840
UNIVERSITY OF MICHIGAN
A GENERAL THEORY OF MINIMUM-FUEL SPACE TRAJECTORIES
J SIAM CONTROL SERA V3 N2 PP317-356 1965
BY NEUSTADT L W
DAR ACCESS NO.....018420-003
DOC NUMBER.....AD649440
INSTR...AF-69/638/01318
PROJECT/TASK.....9749/01

AFOSR 67-0841
BROWN UNIVERSITY
LIAPUNOV'S SECOND METHOD
PROC NATO ADVANCED STUDY INST STABILITY PROBLEMS OF
SOLUTIONS DIFFERENTIAL EQUATIONS PADUA ITALY 6-18 SEP
1965 PP95-106 1966
BY LEBALL J P
DAR ACCESS NO.....019591-004
DOC NUMBER.....AD636709
INSTR...AF-AFOSR-0643-65
PROJECT/TASK.....9749/01

AFOSR 67-0842
SHEFFIELD UNIVERSITY
HYPERBONIC AIR-DRIFTING PROPULSION
PROGRESS AERONAUTICAL SCIENCES V8 U KUCHENANN ED PP224-244
PERGAMON PRESS OXFORD & NEW YORK 1966
BY SWITHENBANK J
DAR ACCESS NO.....013411-008
INSTR...AF-EOAR -0823-65
PROJECT/TASK.....9711/01

AFOSR 67-0843
CENTRAL UNIVERSITY OF ECUADOR
PHYTO-CHEMICAL STUDY OF THE SPECIES DATUNA SANGUINEA
/QUANTUL /SPANISH/
CIENCIA NAI V9 N1 PP3-7 DEC 1966
BY OCHOA R
OF NARANJO E
NARANJO P
DAR ACCESS NO.....017400-004
DOC NUMBER.....AD650134
INSTR...AF-AFOSR-0845-65
PROJECT/TASK.....9777/01

AFOSR 67-0844
KAROLINSKA INSTITUTE
DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS IN THE BODY
FINAL REPORT MARCH 1967
BY VON ELDER V S
DAR ACCESS NO.....005724-007
DOC NUMBER.....AD649870
INSTR...AF-EOAR -0807-66
PROJECT/TASK.....9777/01

AFOSR 67-0845
GÖTEBORGS UNIVERSITET
METABOLISM OF BIOLOGICALLY ACTIVE AMINES FINAL REPORT FEB
1967
BY CARLSSON A
DAR ACCESS NO.....007425-003
INSTR...AF-EOAR -0809-66
PROJECT/TASK.....9777/01

AFOSR 67-0847
SHEFFIELD UNIVERSITY
THE SHOCK TUNNEL AS A SUPERSONIC COMBUSTION TEST FACILITY
FUEL SOC J SHEFFIELD UNIV PP50-60 1966
BY WOOD M P
DAR ACCESS NO.....013412-001
DOC NUMBER.....AD650008
INSTR...AF-EOAR -0811-66
PROJECT/TASK.....9711/01

AFOSR 67-0848
POLYTECHNIC INSTITUTE OF BROOKLYN
GENERALIZED NETWORKS PROCEEDINGS OF THE SYMPOSIUM ON
SYMPOSIUM SERIES VOL XVI NEW YORK N Y APRIL 12-14 1966
POLYTECHNIC PRESS NEW YORK NY 1966 FINAL REPORT APRIL 1967
BY FOX J
DAR ACCESS NO.....001685-029
DOC NUMBER.....AD649986
INSTR...AF-69/638/01402
PROJECT/TASK.....9751/00

AFOSR 67-0849
MELLON INSTITUTE
NORMS AND SEMI-GROUPS IN THE THEORY OF FADING MEMORY
ARCH RATIONAL MECH ANAL V23 N2 PP87-123 66
BY COLEMAN B D
MIZEL V J
DAR ACCESS NO.....015270-007
DOC NUMBER.....AD650015
INSTR...AF-AFOSR-0728-65
PROJECT/TASK.....9749/01

AFOSR 67-0850
UNIVERSITY OF CALIFORNIA
VECTON POLAR METHOD FOR THE ANALYSIS OF WAVE INTERSECTIONS
REPORT NO A5-66-16 NOV 1966
BY OPPENHEIM A K
SHULFEN J J
DAR ACCESS NO.....001435-001
DOC NUMBER.....AD650320
INSTR...AF-AFOSR-0129-67
PROJECT/TASK.....9711/01

AFOSR 67-0851
UNIVERSITY OF TEXAS
PROCEEDINGS OF ANNUAL JOINT SERVICES ELECTRONICS PROGRAM
MEETING 4TH AUSTIN TEXAS 16-17 MAR 1967
BY DOUGAL A A
DAR ACCESS NO.....015242-006
DOC NUMBER.....AD610889
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 67-0852
GRADUATE RESEARCH CENTER OF THE SOUTHWEST
THE EAST COAST ONSHORE OFFSHORE EXPERIMENT I THE FIRST
ARRIVAL PHASES FINAL REPORT MARCH 1967
BY HALE A L
WELSLY C E
DOWLING J J
NATION J B
DAR ACCESS NO.....017800-001
DOC NUMBER.....AD650351
INSTR...AF-69/638/01547
PROJECT/TASK.....0852/00

AFOSR 67-0855
UNIVERSITY OF MONTANA
THE MAGNETIC MOMENT OF THE FIVE STATE OF ONE ONE SIX SM
AND OTHER SPECTROSCOPIC INVESTIGATIONS IN THE DECAY OF ONE
ONE SIX SO AND ONE ONE SIX IN
NUCL PHYS V49 PP305-323 1966
BY HUANG H C
NACHAR W
DAR ACCESS NO.....017270-001
DOC NUMBER.....AD650332
INSTR...AF-EOAR -0859-65
PROJECT/TASK.....9751/00

AFOSR 67-0856
UNIVERSITY OF CALIFORNIA
DYNAMIC SNAP-THROUGH OF IMPERFECT VISCOELASTIC SHELLS
APRIL 1967
BY HUANG H C
NACHAR W
DAR ACCESS NO.....022780-001
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9742/01

AFOSR 67-0857
NORTH STAR RESEARCH AND DEVELOPMENT INSTITUTE
EFFECTS OF PHYSIOLOGICAL RHYTHMS ON PERFORMANCE FINAL
REPORT MARCH 1967
BY MILES G H
OAR ACCESS NO.....021340-001
DOC NUMBER.....AD650321
INSTR...AF-49/638/01604
PROJECT/TASK.....9777/01

AFOSR 67-0859
STANFORD RESEARCH INSTITUTE
RESPONSE OF A BURNING PROPELLANT SURFACE TO PROSIVE
TRANSIENTS
FRU-5813 DEC 1966
BY CAPENER F L
DICKINSON L A
KIER H J
MARSHAN G A
WOLKOWITZ C E
OAR ACCESS NO.....005293-004
DOC NUMBER.....AD610776
INSTR...AF-49/638/01605
PROJECT/TASK.....3814/17

AFOSR 67-0860
UNIVERSITE D A X-MARSEILLE
STRUCTURE OF VELOCITY SPACE-TIME CORRELATIONS IN A
BOUNDARY LAYER
TUGG-TUTAN SYMP HOUNDARY LAYERS AND TURBULENCE
INCLUDING GROMPHYS APPL KYOTO JAPAN 19-24 SEP 1966
BY FAVRE A
GAVIGLIO J
DUMAS R
OAR ACCESS NO.....018670-003
INSTR...AF-61/052/00772
PROJECT/TASK.....9781/02

AFOSR 67-0861
SYSTEM RESEARCH LTD
RESEARCH ON CYBERNETIC INVESTIGATION OF LEARNING AND
PERCEPTION FINAL REPORT JAN 1967
BY PASK C
OAR ACCESS NO.....012690-008
DOC NUMBER.....AD650290
INSTR...AF-61/052/00640
PROJECT/TASK.....9769/04

AFOSR 67-0862
UNIVERSITY OF TEXAS
ANALYSIS OF THE PHASE FUNCTION IN SINGLE STRENGTH SIGNAL
AND ITS APPLICATION TO SPEECH
JSEP TECHNICAL REPORT NO 24 SEPT 1966
BY MIRAMATSU K
MATSUNO T
CUATES C L
OAR ACCESS NO.....015241-051
DOC NUMBER.....AD610806
INSTR...AF-AFOSR-0766-66
PROJECT.....4751

AFOSR 67-0863
INDIANA UNIVERSITY
DYNAMIC EFFECTS IN GAS ELECTRON DIFFRACTION
TRANS AM CRYSTAL ASSOC V2 PP185-172 1966
BY MONAHAN H A
OAR ACCESS NO.....010651-019
DOC NUMBER.....AD650455
INSTR...AF-AFOSR-0602-64
PROJECT/TASK.....9760/02

AFOSR 67-0864
FULWELL RESEARCH INSTITUTE LTD
HEATS OF FORMATION OF A-ALPHA-BERYLLIUM CHLORIDE AND A
-ALPHA- AND B-BERYLLIUM NITRIDE
TRANS PARADAY SOC V62 N520 PT 10 PP2719-2724 OCT 1966
BY GHOSI P
HAYMAN C
GREYNE P D
BINGHAM J Y
OAR ACCESS NO.....007570-003
DOC NUMBER.....AD650651
INSTR...AF-61/052/00447
PROJECT/TASK.....3814/00

AFOSR 67-0865
GOTEBORGS UNIVERSITET
BIOCHEMICAL AND HISTOCHEMICAL STUDIES IN THE EFFECTS OF
INPHAMINE-LIKE DRUGS AND DEXTRO-AMPHETAMINE ON CENTRAL
AND PERIPHERAL CATECHOLAMINE NEURONS
ACTA PHYSIOL SCAND V67 PP481-497 1966
BY CARLSSON A
FUXE K
HAMBREGER A
LINDQVIST M
OAR ACCESS NO.....007425-004
DOC NUMBER.....AD650335
INSTR...AF-EQAR -0004-64
PROJECT/TASK.....9777/01

AFOSR 67-0866
GOTEBORGS UNIVERSITET
A VERSATILE DEVICE FOR MICROSCOPIC SPECTROFLUOROMETRY
ACTA PHYSIOL SCAND V67 PP514-520 1966
BY ENIEME G
OAR ACCESS NO.....007425-005
DOC NUMBER.....AD650347
INSTR...AF-EQAR -0009-66
PROJECT/TASK.....9777/01

AFOSR 67-0867
GOTEBORGS UNIVERSITET
ACID MONAMINE METABOLITES OF CEREBROSPINAL FLUID IN MENTAL
DEPRESSION AND MANIA
J NEUROCHEM V13 PP1348-1348 1966
BY OFNCKER S J
RALPH U
ROOS B E
RENDINIUS B
OAR ACCESS NO.....007425-006
DOC NUMBER.....AD650350
INSTR...AF-EQAR -0009-66
PROJECT/TASK.....9777/01

AFOSR 67-0868
GOTEBORGS UNIVERSITET
FUNCTIONAL ROLE OF THE NIGRO-NEOSTRIATAL DOPAMINE NEURONS
ACTA PHARMACOL TOXICOL V24 PP263-274 1966
BY ANDEN N E
DAHLSTROM A
FUXE K
LARSSON K
OAR ACCESS NO.....007425-008
DOC NUMBER.....AD650351
INSTR...AF-EQAR -0006-65
PROJECT/TASK.....9777/01

AFOSR 67-0869
GOTEBORGS UNIVERSITET
ASCENDING MONAMINE NEURONS TO THE TELENCEPHALON AND
DIECEPHALON
ACTA PHYSIOL SCAND V67 PP313-326 1966
BY ANDEN N E
DAHLSTROM A
FUXE K
LARSSON K
OLSON L
OAR ACCESS NO.....007425-004
DOC NUMBER.....AD650352
INSTR...AF-EQAR -0006-65
PROJECT/TASK.....9777/01

AFOSR 67-0870
GOTEBORGS UNIVERSITET
A QUANTITATIVE STUDY ON THE NIGRO-NEOSTRIATAL DOPAMINE
NEURON SYSTEM IN THE RAT
ACTA PHYSIOL SCAND V67 PP306-312 1966
BY ANDEN N E
FUXE K
HAMBREGER B
HOFELT T
OAR ACCESS NO.....007425-007
DOC NUMBER.....AD650353
INSTR...AF-EQAR -0003-65
PROJECT/TASK.....9777/01

AFOSR 67-0871
MAX PLANCK INSTITUTE FOR BEHAVIOR
AN INEXPENSIVE VARIABLE-RADIUS CENTRIFUGE FOR PHYSIOLOGICAL
EXPERIMENTS
J APPL PHYSIOL V21 N6 PP1938-1942 NOV 1966
BY HOWLAND H C
HOWLAND H
STROBELE R
JAMOE J
OAR ACCESS NO.....018730-001
DOC NUMBER.....AD650331
INSTR...AF-EQAR -0044-64
PROJECT/TASK.....9777/01

AFOSR 67-0872
UNIVERSITY OF CAMBRIDGE
CURRENT ALGEBRAS AND SU THREE VIOLATIONS
NUCL PHYS V87 PP337-345 1966
BY RENNER D
OAR ACCESS NO.....013011-008
DOC NUMBER.....AD650333
INSTR...AF-EQAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 67-0873
SYRACUSE UNIVERSITY
FELIX HAUSDORFF IN MEMORIAM THE MATHEMATICAL WORK OF F
HAUSDORFF /GERMAN/
JAHRESBER DEUTSCHEN MATH-VEREINIGUNG V69 N2 PPS4 130-62 130
1967
BY LORENTZ G G
OAR ACCESS NO.....003503-006
DOC NUMBER.....AD650456
INSTR...AF-49/638/01601
PROJECT/TASK.....9749/01

AFOSR 67-0874
GEORGE WASHINGTON UNIVERSITY
A PROPERTY OF SYMMETRIC /INTERCHANGEABLE/ RANDOM VARIABLES
AM STATIST V21 N1 PP32-33 FEB 67
BY KULLBACK S
YASAINIHCID H Y
OAR ACCESS NO.....018120-002
DOC NUMBER.....AD650458
INSTR...AF-AFOSR-0932-65
PROJECT/TASK.....9749/02

AFOSR 67-0875
MELLON INSTITUTE
KINETIC SPECTROSCOPY IN THE INFRARED A RAPID-SCAN
INFRARED SPECTROMETER
APPL OPT V5 N7 PP1097-1104 JULY 1966
BY HAND C B
KAUFMAN P Z
MEYER H H
OAR ACCESS NO.....020080-001
DOC NUMBER.....AD650459
INSTR...AF-AFOSR-0976-66
PROJECT/TASK.....9710/03

AFOSR 67-0876
UNIVERSITY OF CHICAGO
ON THE EQUATION OF STATE OF THE RIGID-DISK FLUID
J. CHEM. PHYS. V46 N2 PP339-341 15 JAN 1967
BY YOUNG D A
NICE S A
OAR ACCESS NO.....013061-002
DOC NUMBER.....AD650453
INSTR...AF-AFOSR-0781-57
PROJECT/TASK.....9760/01

AFOSR 67-0877
UNIVERSITY OF PARMA
OUTPUT TO INPUT RELATIONSHIPS IN LATERAL GENICULATE AND VISUAL CORTEX
ATENEO PARNENSE-ACTA NIO-MED V38 N1 1967
BY ARQUINI A
CAVAGGIONI A
OAR ACCESS NO.....018631-005
INSTR...AF-EDAR -0008-65
PROJECT/TASK.....9777/01

AFOSR 67-0878
UNIVERSITY OF CAMBRIDGE
DOUBLE REGGE POLES AND REGGE CUTS
MUÑOZ CIENTO SER 15 V47 PP526-540 FEB 67
BY DEBONNE P
FOLKINGHORNE J C
OAR ACCESS NO.....013011-010
DOC NUMBER.....AD650460
INSTR...AF-EDAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 67-0879
CALIFORNIA INSTITUTE OF TECHNOLOGY
SPECTRUM OF P AND PCP IN RELATION TO THE MANTLE-COME BOUNDARY AND ATTENUATION IN THE MANTLE
J. GEOPHYS. RES. V72 N2 PP559-571 15 JAN 67
BY KANAMORI H
OAR ACCESS NO.....012362-029
DOC NUMBER.....AD650658
INSTR...AF-49/638/01337
PROJECT/TASK.....8657/00

AFOSR 67-0880
UNIVERSITY OF CALIFORNIA
EXTINCT GHOSTS IN POTENTIAL THEORY
PHYS. REV. D152 N1 PP1441-1449 23 DEC 66
BY CROSS D J
KAYSER H J
OAR ACCESS NO.....005134-007
DOC NUMBER.....AD650461
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-0881
BUREAU OF MINES
TETRAFLUOROMETHANE
J. CHEM. ENG. DATA V11 N2 PP383-388 APRIL 1966
BY HARMISON R M
DOUGLIN D R
OAR ACCESS NO.....500300-002
DOC NUMBER.....AD650488
INSTR...135A -30007-65
PROJECT/TASK.....9713/02

AFOSR 67-0882
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
NEUROPHYSIOLOGY
BY MCCULLOCH W S
LETTVIN J Y
WALL P D
MCRENO-DIAZ R
OAR ACCESS NO.....073920-001
DOC NUMBER.....AD650429
INSTR...FA4620-67-C-0030
PROJECT/TASK.....9777/01

AFOSR 67-0883
NORTHWESTERN UNIVERSITY
FEASIBILITY OF USING LINEAR PATTERN CLASSIFIERS FOR PROBABILISTIC PATTERN CLASSES
PROC. IEEE V54 N12 PP1937-1939 DEC 66
BY YAU S S
CHANG P C
OAR ACCESS NO.....011791-008
DOC NUMBER.....AD649928
INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9749/01

AFOSR 67-0884
WAKE FOREST COLLEGE
A METHOD FOR THE COMPUTATION OF THE GREATEST ROOT OF A NONNEGATIVE MATRIX
SIAM J. NUMER. ANAL. V3 N4 PP584-589 1966
BY BHAEUER A
OAR ACCESS NO.....000833-001
DOC NUMBER.....AD650462
INSTR...AF-AFOSR-0350-65
PROJECT/TASK.....9749/01

AFOSR 67-0885
UNIVERSITY OF CAMBRIDGE
COUPLED EQUATIONS FOR SCATTERING AMPLITUDES AND ACOUSTIC CURRENTS
PHYS. REV. D152 N4 PP1507-1511 23 DEC 66
BY LU E Y C
YAMA H O
OAR ACCESS NO.....013011-011
DOC NUMBER.....AD650463
INSTR...AF-EDAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 67-0886
OHIO STATE UNIVERSITY
THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES II PHYSICAL AND CHEMICAL PROPERTIES
J. HIGL. CHEM. V242 N2 PP210-217 26 JAN 1967
BY DAWSON D M
EPPENBERGER H M
KAPLAN N O
OAR ACCESS NO.....015520-004
DOC NUMBER.....AD650464
INSTR...AF-AFOSR-0732-65
PROJECT/TASK.....9777/01

AFOSR 67-0887
OHIO STATE UNIVERSITY
THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES I ISOLATION AND CHARACTERIZATION FROM CHICKEN AND HADDOCK TISSUES
J. HIGL. CHEM. V242 N2 PP204-209 25 JAN 1967
BY EPPENBERGER H M
DAWSON D M
KAPLAN N O
OAR ACCESS NO.....015520-005
DOC NUMBER.....AD650466
INSTR...AF-AFOSR-0732-65
PROJECT/TASK.....9777/01

AFOSR 67-0888
UNIVERSITY OF CALIFORNIA
THE EARTHQUAKE SEQUENCE OF SEPTEMBER 1965 NEAR ANTIUCH CALIFORNIA
BULL. SEIS. SOC. AM V57 N1 PP113-124 FEB 1967
BY MCFIVILLY T V
CASADAY K B
OAR ACCESS NO.....013721-005
INSTR...AF-49/638/01586
PROJECT/TASK.....5810/00

AFOSR 67-0889
AERONAUTIC DIVISION OF PHILCO-FORD
MASS-SPECTROMETRIC STUDY OF THE THERMODYNAMIC PROPERTIES OF ZR-F SPECIES
J. CHEM. PHYS. V45 N12 PP4751-4752 15 DEC 1966
BY MURAD E
OAR ACCESS NO.....016190-001
DOC NUMBER.....AD650657
INSTR...AF-49/638/01397
PROJECT/TASK.....3814/07

AFOSR 67-0890
UNIVERSITY OF PENNSYLVANIA HOSPITAL
RESPONSE DURING SLEEP WITH INTERVENING WAKING AMNESIA
SCIENCE V152 N3722 PP666-667 29 APR 1966
BY EVANS F J
GUSTAFSON L A
O'CONNELL D N
ORNE M T
SHOW R E
OAR ACCESS NO.....015070-001
DOC NUMBER.....AD650467
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9779/01

AFOSR 67-0891
NATIONAL BUREAU OF STANDARDS
PRELIMINARY REPORT ON THE THERMODYNAMIC PROPERTIES OF SELECTED LIGHT-ELEMENT AND SOME RELATED COMPOUNDS
NBS REPORT 9500 JAN 1967
BY BECKETT C B
DOUGLAS T B
OAR ACCESS NO.....500310-018
DOC NUMBER.....AD652108
INSTR...135A -00008-65
PROJECT/TASK.....9713/02

AFOSR 67-0892
UNIVERSITE D'ALGER-ALGER
ANALYTICAL EXPRESSIONS OF SPACE-TIME CORRELATIONS Celerities Facilities and Methods of Measurement for TEMPERATURE SPACE-TIME CORRELATIONS IN A BOUNDARY LAYER
A. S. R. NO. 3 JAN 1967
BY FAVRE A J
DUMAS R
VEROLLET E
OAR ACCESS NO.....018870-004
INSTR...AF-61/052/00772
PROJECT/TASK.....9781/02

AFOSR 67-0893
RAYTHEON COMPANY
IN SEARCH OF MATHEMATICS FOR BIOLOGY FINAL REPORT APRIL 1967
BY MYERS J M
OAR ACCESS NO.....022050-001
DOC NUMBER.....AD650494
INSTR...FA4620-67-C-0032
PROJECT/TASK.....9769/06

AFOSR 67-0894
GENERAL DYNAMICS CORPORATION
TENTH AFOSR CONTRACTORS MEETING ON ION AND PLASMA PROPULSION RESEARCH SAN DIEGO CALIFORNIA 3-5 APRIL 1967 /ABSTRACTS OF PAPERS/
OAR ACCESS NO.....018921-004
DOC NUMBER.....AD651149
INSTR...AF-49/638/01656
PROJECT/TASK.....9752/01

AFOSR 67-0895
UNIVERSITY OF MARYLAND
MODE SYNCHRONIZATION PHENOMENA IN UNIVERSAL PLASMA
INSTABILITIES
CONF QUOTSCENT PLASMAS FRASCATI ITALY JAN 1967
BY LASHINSKY H
DAR ACCESS NO.....020741-002
DOC NUMBER.....AD651092
INST.....AF-AFOSR-101A-67
PROJECT/TASK.....9783/02

AFOSR 67-0896
UNIVERSITY OF UTAH
RESULTS FOR AN ADDITIONAL FOLLOW-UP CRITERION ON A SAMPLE
OF AIR FORCE TESTENTS
BY TAYLOR C W
YAGE K
DAR ACCESS NO.....012820-003
DOC NUMBER.....AD651119
INST.....AF-AFOSR-018A-63
PROJECT/TASK.....9769/03

AFOSR 67-0897
UNIVERSITY OF CALIFORNIA
STEADY-STATE FORCED VIBRATIONS
INTERN J NON-LINEAR MECH VI PP95-108 1966
BY MOSENFELG M W
DAR ACCESS NO.....019660-001
DOC NUMBER.....AD651629
INST.....AF-AFOSR-1057-60
PROJECT/TASK.....9749/01

AFOSR 67-0898
LAVAL UNIVERSITY
A MATRIX APPROACH TO THE THEORY OF HISTOROLOGICAL MAPPING
NUCL MATH BIOPHYS V28 PP107-118 1966
BY BHANSEN J
DAR ACCESS NO.....007462-005
DOC NUMBER.....AD651699
INST.....AF-AFOSR-0009-64
PROJECT/TASK.....9777/01

AFOSR 67-0899
UNIVERSITY OF ILL
ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON
ATOMS FINAL REPORT FEB 1967
BY WINDOAL J
DAR ACCESS NO.....014662-002
DOC NUMBER.....AD651117
INST.....AF-FOAM-3033-66
PROJECT/TASK.....9760/01

AFOSR 67-0900
STANFORD RESEARCH INSTITUTE
OXIDATIONS OF ACYCLIC ALKINES
J AM CHEM SOC V89 NO PP367-377 15 FEB 1967
BY VAN SICKLE D F
ARLUCK M W
SVZ M G
DAR ACCESS NO.....007460-004
INST.....AF-49763H/01107
PROJECT/TASK.....9762/01

AFOSR 67-0901
LAVAL UNIVERSITY
ABSTRACT HISTOLOGICAL SYSTEMS AS SEQUENTIAL MACHINES III SOME
ALGORITHMIC ASPECTS
NUCL MATH BIOPHYS V28 PP141-149 1966
BY ROSEN H
DAR ACCESS NO.....007462-006
DOC NUMBER.....AD651497
INST.....AF-AFOSR-0009-64
PROJECT/TASK.....9777/01

AFOSR 67-0902
KAROLINSKA INSTITUTE
HOW NATURE HAS SOLVED A DIFFICULT CRITICAL PROBLEM 25 SWEDISH
SVENSK NATURVETENSKAP PP25-93 1966
BY BERNHARD C G
DAR ACCESS NO.....000683-001
DOC NUMBER.....AD651510
INST.....AF-FOAM-0009-65
PROJECT/TASK.....9777/01

AFOSR 67-0903
KAROLINSKA INSTITUTE
FINE STRUCTURE OF THE INSECT CORNEA AND CORNEAL NIPPLED
DURING DEVELOPMENT
INTERN J ENDOCR MICROSCOPY WITH KYOTO JAPAN 1966
PP511-512
BY GLENN G
DAR ACCESS NO.....000683-002
DOC NUMBER.....AD651501
INST.....AF-FOAM-0009-65
PROJECT/TASK.....9777/01

AFOSR 67-0904
STANFORD RESEARCH INSTITUTE
EFFECTS OF EXPERIMENTAL VARIABLES IN OXIDATIONS OF ALKINES
J AM CHEM SOC V89 NO PP377-384 15 FEB 1967
BY VAN SICKLE D F
MAYO F R
GURULU C S
ARLUCK M W
DAR ACCESS NO.....007460-005
DOC NUMBER.....AD651134
INST.....AF-49763H/01107
PROJECT/TASK.....9762/01

AFOSR 67-0905
LAVAL UNIVERSITY
A NOTE ON REPLICATION IN /M Q/-SYSTEMS
NUCL MATH BIOPHYS V28 PP149-151 1966
BY ROSEN H
DAR ACCESS NO.....007462-007
DOC NUMBER.....AD651496
INST.....AF-AFOSR-0009-64
PROJECT/TASK.....9777/01

AFOSR 67-0908
KAROLINSKA INSTITUTE
PIGMENT MIGRATION LIGHT SCREENING AND RECEPTOR SENSITIVITY
IN THE COMPOUND EYE OF NOCTURNAL LEPIDOPTERA
ACTA PHYSIOL SCAND V69 SUPPL 282 1966
BY MOGLUND G
DAR ACCESS NO.....000683-003
DOC NUMBER.....AD651277
INST.....AF-FOAM-0009-65
PROJECT/TASK.....9777/01

AFOSR 67-0909
GENERAL DYNAMICS CORPORATION
INTERACTION OF PLASMONS
PHYS FLUIDS V9 N11 PP225A-22J2 NOV 1966
BY CHANG D H
DAR ACCESS NO.....019331-002
DOC NUMBER.....AD651472
INST.....AF-49763H/01546
PROJECT/TASK.....9752/01

AFOSR 67-0910
GENERAL ELECTRIC COMPANY
HYDRODYNAMIC CHANNEL FLOWS WITH NONEQUILIBRIUM
IONIZATION
PHYS FLUIDS V9 N9 PP1782-1787 SEP 1966
BY SHERMAN A
DAR ACCESS NO.....015631-001
DOC NUMBER.....AD651306
INST.....AF-49763H/01609
PROJECT/TASK.....9752/01

AFOSR 67-0911
STANFORD UNIVERSITY
CHARGE STRUCTURE OF THE CALCIUM ISOTOPES
NUCL PHYS V490 P-159-176 1966
BY GIBSON B F
DAR ACCESS NO.....001793-085
DOC NUMBER.....AD654295
INST.....AF-49763H/01389
PROJECT/TASK.....9751/01

AFOSR 67-0912
UNIVERSITY OF CHICAGO
ABSTRACT HISTOLOGICAL SYSTEMS AS SEQUENTIAL MACHINES
HEMATOLOGICAL REVERSIBILITY
NUCL MATH BIOPHYS V28 PP153-160 1966
BY DEMETRIUS L A
DAR ACCESS NO.....007462-008
DOC NUMBER.....AD651307
INST.....AF-AFOSR-0009-64
PROJECT/TASK.....9777/01

AFOSR 67-0913
KAROLINSKA INSTITUTE
THE INSECT CORNEAL NIPPLE ARRAY
GEN SYSTEMS VII PP63-91 1966
BY BERNHARD C G
MILLER M M
MOLLER A W
DAR ACCESS NO.....000681-007
DOC NUMBER.....AD651511
INST.....AF-FOAM-0013-62
PROJECT/TASK.....9777/01

AFOSR 67-0914
STANFORD UNIVERSITY
CORRECTIONS OF ORDER 1/M SUPER 2 TO CAPTURE
NUCL PHYS V87 PP407-413 1966
BY FREAN J L
DAR ACCESS NO.....001793-086
DOC NUMBER.....AD651471
INST.....AF-49763H/01389
PROJECT/TASK.....9751/01

AFOSR 67-0915
UNIVERSIDAD DE CHILE
ELECTROCARDIOGRAM IN THE CHRONIC ISOLATED HEMISPHERE OF
THE CAT EFFECT OF ATROPINE AND URETERINE
BRAIN RES V3 PP287-291 1966/1967
BY VILLABLANCA J
DAR ACCESS NO.....010881-007
DOC NUMBER.....AD651502
INST.....AF-AFOSR-C317-63
PROJECT/TASK.....9777/01

AFOSR 67-0916
CORNELL UNIVERSITY
KINETIC ISOTOPE EFFECTS AND ORGANIC REACTION MECHANISMS
SCIENCE V158 PP3757 PP1416-1621 30 DEC 1966
BY GOLDSTEIN M J
DAR ACCESS NO.....007461-006
DOC NUMBER.....AD651510
INST.....AF-AFOSR-0142-63
PROJECT/TASK.....9762/01

AFOSM 67-0917
STANFORD UNIVERSITY
LOW-LYING SUPERFLUID STATES IN A ROTATING ANNULUS
PHYS REV LETT 11 PP285-290 3 JAN 67
BY FETTER A L
OAR ACCESS NO.....001793-067
DOC NUMBER.....AD651302
INSTR...AF-49/438/01349
PROJECT/TASK.....9751/01

AFOSM 67-0919
UNIVERSITY OF CANTENBURY
GAS-PHASE REACTIONS FINAL REPORT APRIL 1967
BY PHILLIPS L F
OAR ACCESS NO.....012971-008
DOC NUMBER.....AD651272
INSTR...AF-49/438/01349
PROJECT/TASK.....9760/02

AFOSM 67-0920
UNIVERSITY OF OXFORD
RECIPROCAL CONTROLS BETWEEN NERVOUS SYSTEM AND ENDOCRINE
SECRETION FINAL REPORT FEB 1967
BY HARRIS G W
OAR ACCESS NO.....000695-001
DOC NUMBER.....AD651124
INSTR...AF-60/401-0010-66
PROJECT/TASK.....9777/01

AFOSM 67-0922
UNIVERSITY OF CHICAGO
APPLICATION OF INFORMATION THEORY TO THE NERVOUS SYSTEM
FINAL REPORT APRIL 1967
BY LANDAU M D
OAR ACCESS NO.....000715-001
DOC NUMBER.....AD651123
INSTR...AF-49/438/01349
PROJECT/TASK.....9777/01

AFOSM 67-0923
VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH
MOSSBAUER EFFECT STUDIES OF SURFACE REACTIONS FINAL REPORT
APRIL
BY MORSON M C JR
OAR ACCESS NO.....021530-001
INSTR...AF-49/438/01349
PROJECT/TASK.....9760/03

AFOSM 67-0927
UNIVERSITY OF BRUXELLES
RESEARCH ON NON-EQUILIBRIUM STATISTICAL PHYSICS FINAL
REPORT OCT 1966
BY PRIGOGINE I
OAR ACCESS NO.....002083-004
DOC NUMBER.....AD651069
INSTR...AF-49/438/01349
PROJECT/TASK.....9751/02

AFOSM 67-0928
MICHIGAN STATE UNIVERSITY
SOME MECHANISMS FOR A THEORY OF THE RETICULAR FORMATION
FINAL REPORT FEB 1967
BY KILMER W L
OAR ACCESS NO.....021110-001
DOC NUMBER.....AD651207
INSTR...AF-49/438/01349
PROJECT/TASK.....9760/04

AFOSM 67-0929
ATLANTIC RESEARCH CORPORATION
RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID GRD12645
BY VOY ELME G
OAR ACCESS NO.....017041-005
DOC NUMBER.....AD651301
INSTR...AF-49/438/01349
PROJECT/TASK.....9713/01

AFOSM 67-0930
YESHIVA UNIVERSITY
FUNDAMENTALS OF MAGNETISM IN METALS
SYMP PHYS METALS CHICAGO OCT 1966 AM SOC METALS PM84-205
BY MATTIS D C
OAR ACCESS NO.....021260-005
DOC NUMBER.....AD651120
INSTR...AF-49/438/01349
PROJECT/TASK.....9761/01

AFOSM 67-0931
POLYTECHNIC INSTITUTE OF BROOKLYN
INVESTIGATION OF PLATES AND SHELLS UNDER EXTERNAL LOADING
AND ELEVATED TEMPERATURES FINAL REPORT MARCH 1967
BY KEMPNER J
OAR ACCESS NO.....001333-010
DOC NUMBER.....AD651204
INSTR...AF-49/438/01349
PROJECT/TASK.....9762/01

AFOSM 67-0932
ANTHUR D LITTLE INC
SOLID PROPELLANT IGNITION BY CONVECTIVE HEATING FINAL
REPORT OCT 1966
BY DASTMEYER E K
OAR ACCESS NO.....000740-002
DOC NUMBER.....AD651703
INSTR...AF-49/438/01349
PROJECT/TASK.....9711/01

AFOSM 67-0933
THIOLUL CHEMICAL CORPORATION
BEHAVIOR OF ULTRA-SMALL COLLOID PARTICLES
RND PROJECT 5922 JUNE 1967
BY COUNTNEY W G
OAR ACCESS NO.....019910-001
DOC NUMBER.....AD653906
INSTR...AF-49/438/01349
PROJECT/TASK.....9711/01

AFOSM 67-0936
NICE UNIVERSITY
MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR
AAR-12 1967
BY NIELE A
OAR ACCESS NO.....016441-001
DOC NUMBER.....AD651926
INSTR...AF-49/438/01349
PROJECT/TASK.....9749/01

AFOSM 67-0937
NICE UNIVERSITY
DIAG MINIMIZATION AS THE EXTREMIZATION OF PRODUCTS OF
POWERS OF INTEGRALS
JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS
VOLUME 1 PP151-164 SEP 1967
BY NIELE A
OAR ACCESS NO.....016441-002
DOC NUMBER.....AD651926
INSTR...AF-49/438/01349
PROJECT/TASK.....9749/01

AFOSM 67-0938
ANTHUR D LITTLE INC
FLAME-PILOTING MECHANISMS IN LIQUID PROPELLANT ROCKET
ENGINES
UK:DPH 1966
BY TOLLEY A C
OAR ACCESS NO.....008740-003
DOC NUMBER.....AD653792
INSTR...AF-49/438/01349
PROJECT/TASK.....9711/01

AFOSM 67-0939
UNIVERSITY OF MARYLAND
DYNAMICS OF FLUIDS AND PLASMAS-SYNDROMES HELD IN HONOR OF
PROFESSOR J M HUNGERFORD UNIVERSITY OF MARYLAND OCTOBER 7-9
1965-ACADEMIC PRESS NEW YORK LONDON 1966 FINAL REPORT APRIL
BY PAI S I
OAR ACCESS NO.....018100-001
DOC NUMBER.....AD651314
INSTR...AF-49/438/01349
PROJECT/TASK.....9763/02

AFOSM 67-0940
UNIVERSITY OF OKLAHOMA
DETERMINATION OF OPTICAL EXCITATION CROSS SECTIONS IN
ATOMIC COLLISIONS FINAL REPORT FEB 1967
BY ST JOHN R W
OAR ACCESS NO.....000084-002
INSTR...AF-49/438/01349
PROJECT/TASK.....9767/02

AFOSM 67-0941
UNIVERSITY OF MISSOURI
RELATION BETWEEN MOMENT GENERATING FUNCTIONS AND
CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
DULL AM MATH SOC V73 N1 PP45-96 JAN 67
BY HANSON D L
OAR ACCESS NO.....015680-005
DOC NUMBER.....AD651501
INSTR...AF-49/438/01349
PROJECT/TASK.....9749/02

AFOSM 67-0942
UNIVERSITY OF MISSOURI
SOME RESULTS GIVING RATES OF CONVERGENCE IN THE LAW OF
LARGE NUMBERS FOR WEIGHTED SUMS OF INDEPENDENT RANDOM
VARIABLES
TRANS AM MATH SOC V124 N2 PP347-359 AUG 66
BY FRANK W L
OAR ACCESS NO.....015680-006
DOC NUMBER.....AD651509
INSTR...AF-49/438/01349
PROJECT/TASK.....9749/02

AFOSM 67-0943
ARCTIC INSTITUTE OF NORTH AMERICA
MEASUREMENT OF THE MICROSEISMIC SPECTRUM AT OTTAWA ONTARIO
CAN J EARTH SCI V3 PP659-669 1966
BY MUSSEL R D
OAR ACCESS NO.....011981-002
DOC NUMBER.....AD651507
INSTR...AF-49/438/01349
PROJECT/TASK.....9652/00

AFOSM 67-0944
ADVANCED KINETICS
STUDIES ON THE INTERACTION OF LIGHT AND PARTICLE BEAMS
FINAL REPORT MARCH 1967
BY BARTER R W
OAR ACCESS NO.....011960-006
DOC NUMBER.....AD651708
INSTR...AF-49/438/01349
PROJECT/TASK.....9760/00

AFOSR 67-0950
CORNELL UNIVERSITY
DETECTION AND STUDY OF HIGH-ENERGY COSMIC PHOTONS FINAL
REPORT MARCH 1967
OAR ACCESS NO.....013181-002
DDC NUMBER.....AD613400
INSTR...AF-AFOSR-0258-65
PROJECT/TASK.....9751/04

AFOSR 67-0951
BELL AEROSYSTEMS COMPANY
THERMAL RADIATION OF HIGH TEMPERATURE COMBUSTION
PRODUCTS FINAL REPORT JAN 1967
BY ROSSMAN T G
WOOD L N
OAR ACCESS NO.....018291-001
DDC NUMBER.....AD656775
INSTR...AF-49/638/01498
PROJECT/TASK.....9711/01

AFOSR 67-0952
ROYAL INSTITUTE OF TECHNOLOGY
SOLUTION CHEMISTRY FINAL REPORT MARCH 1967
BY SILLEN L G
OAR ACCESS NO.....012031-001
INSTR...AF-EOAH -0022-65
PROJECT/TASK.....9710/01

AFOSR 67-0953
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RADIO BROADCASTING IN COMMUNIST CHINA
C/64-8 JUNE 1964
BY LIU A P L
OAR ACCESS NO.....015900-001
DDC NUMBER.....AD651557
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0954
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A GENERAL STUDY OF THE CHANNELS OF COMMUNICATION BETWEEN
COMMUNIST CHINA AND THE WESTERN WORLD
C/64-9 MAY 1964
BY KING V V S
OAR ACCESS NO.....015900-002
DDC NUMBER.....AD651564
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0955
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RADIO AND TELEVISION IN THE SOVIET UNION
C/64-10 JUNE 1965
BY DURHAM F G
OAR ACCESS NO.....015900-003
DDC NUMBER.....AD651556
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0956
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
AMATEUR RADIO OPERATION IN THE SOVIET UNION
C/64-10A JUNE 1965
BY DURHAM F G
OAR ACCESS NO.....015900-004
DDC NUMBER.....AD651559
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0957
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
NEWS BROADCASTING ON SOVIET RADIO AND TELEVISION
C/64-10B JUNE 1965
BY DURHAM F G
OAR ACCESS NO.....015900-005
DDC NUMBER.....AD651568
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0958
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SOVIET SOCIOLOGY 1969-1963
C/64-30 14 OCT 1964
BY WEINBERG E A
OAR ACCESS NO.....015900-006
DDC NUMBER.....AD651617
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0959
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE FILM INDUSTRY IN COMMUNIST CHINA
C/65-5 JULY 1965
BY LIU A P L
OAR ACCESS NO.....015900-007
DDC NUMBER.....AD651567
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0960
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CHINESE ATTITUDINAL REACTIONS TO FORCED COMPLIANCE A CROSS-
CULTURAL EXPERIMENT IN THE THEORY OF COGNITIVE DISSONANCE
C/65-18 MAY 1965
BY MINIKER P
OAR ACCESS NO.....018900-008
DDC NUMBER.....AD651566
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0961
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE USE OF TRADITIONAL MEDIA FOR MODERNIZATION IN COMMUNIST
CHINA
C/65-24 OCT 1965
BY LIU A P L
OAR ACCESS NO.....018900-009
DDC NUMBER.....AD651558
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0962
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
BOOK PUBLISHING IN COMMUNIST CHINA
C/65-25 OCT 1965
BY LIU A P L
OAR ACCESS NO.....018900-010
DDC NUMBER.....AD651553
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0963
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
PROPAGANDA CAMPAIGNS IN COMMUNIST CHINA
C/66-1 JAN 1966
BY KING V V S
OAR ACCESS NO.....015900-011
DDC NUMBER.....AD651554
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0964
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE USE OF FREE TIME BY YOUNG PEOPLE IN SOVIET SOCIETY
C/66-3 JAN 1966
BY DURHAM F G
OAR ACCESS NO.....015900-012
DDC NUMBER.....AD651555
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0965
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
PHSES AND JOURNALS IN COMMUNIST CHINA
C/66-9 JUNE 1966
BY LIU A P L
OAR ACCESS NO.....015900-013
DDC NUMBER.....AD651553
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0966
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GUERRILLA COMMUNICATIONS
C/67-4 MARCH 1967
BY WHALEY B
OAR ACCESS NO.....015900-014
DDC NUMBER.....AD651555
INSTR...AF-49/638/01237
PROJECT/TASK.....9717/00

AFOSR 67-0967
TECHNION/ISRAEL INST OF TECH
GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM
STIFFENERS
TAE REPORT NO 51 AUG 1966
BY HARARI O
BARUCH M
OAR ACCESS NO.....001324-001
DDC NUMBER.....AD649867
INSTR...AF-61/052/00905
PROJECT/TASK.....9782/01

AFOSR 67-0968
CARNEGIE INSTITUTE OF TECHNOLOGY
DISLOCATION DISTRIBUTION IN DEFORMED SILVER SINGLE CRYSTALS
CAN J PHYS V45 PP1017-1030 1967
BY ROBINSON W H
MOON D M
OAR ACCESS NO.....018440-001
DDC NUMBER.....AD651690
INSTR...AF-AFOSR-0485-64
PROJECT/TASK.....9763/01

AFOSR 67-0969
UNIVERSITY OF MICHIGAN
NEURONS OF THE MEDIAL DIENCEPHALON II EXCITATION OF CENTRAL
ORIGIN
J NEUROPHYSIOL V30 PP81-97 1967
BY KHAUTHAMER G
FELTZ P
PESSARD O A
OAR ACCESS NO.....004272-007
DDC NUMBER.....AD651672
INSTR...AF-FOAR -0013-63
PROJECT/TASK.....9777/01

AFOSR 67-0970
UNIVERSITY OF MICHIGAN
NEURONS OF THE MEDIAL DIENCEPHALON I SCHWATZSONSONY
RESPONSES AND CAUDATE INHIBITION
J NEUROPHYSIOL V30 PP35-RO 1967
BY FELTZ P
KRAUTHAMER G
FESSARD D A
OAR ACCESS NO.....004672-00H
DDC NUMBER.....A0681671
INSTR...AF-EDAN -0013-63
PROJECT/TASK.....9777/01

AFOSR 67-0971
UNIVERSITY OF CALIFORNIA
SOLUTION OF THE EXCHANGE-SCATTERING PHENOMENON WITHOUT
INADMISSIBLE COMPLEX POLES
PHYSICS V3 N1 PP17-3A 1967
BY SUHL M
WONG D
OAR ACCESS NO.....004661-02B
DDC NUMBER.....A0681693
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-0972
KENT STATE UNIVERSITY
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL
CONFERENCE--PART I AT KENT STATE UNIVERSITY AUGUST 16-20
1965
MOL CRYSTALS V1 N2 PP201-149 APR 1966
BY DIENES G J
LAMES M M
OAR ACCESS NO.....020390-002
DDC NUMBER.....A0681679
INSTR...AF-AFOSR-0971-65
PROJECT/TASK.....9760/01

AFOSR 67-0973
KENT STATE UNIVERSITY
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL
CONFERENCE--PART II AT THE KENT STATE UNIVERSITY AUGUST
16-20 1965
MOL CRYSTALS V1 N4 PP437-580 SEP 1966
BY DIENES G J
LAMES M M
OAR ACCESS NO.....020390-003
DDC NUMBER.....A0681680
INSTR...AF-AFOSR-0971-65
PROJECT/TASK.....9760/01

AFOSR 67-0974
KENT STATE UNIVERSITY
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL
CONFERENCE--PART III AT KENT STATE UNIVERSITY AUGUST 16-20
1965
MOL CRYSTALS V2 N1 2 PP1-196 DEC 1966
BY DIENES G J
LAMES M M
OAR ACCESS NO.....020390-004
DDC NUMBER.....A0681728
INSTR...AF-AFOSR-0971-65
PROJECT/TASK.....9760/01

AFOSR 67-0975
UNIVERSITY COLLEGE
THE LAMBDA-METHOD FOR LINEAR BOUNDARY VALUE PROBLEMS
BY KELLY G V
QUINLAN P M
OAR ACCESS NO.....001653-001
DDC NUMBER.....A0686391
INSTR...AF-EDAR -0040-65
PROJECT/TASK.....9749/01

AFOSR 67-0976
NEW YORK UNIVERSITY
CONSTRUCTION OF STEADY STATE HYDROMAGNETIC DYNAMOS II THE
SPHERICAL CONDUCTOR
MF-54 30 MARCH 1967
BY CHILDRESS S
OAR ACCESS NO.....008274-002
DDC NUMBER.....A0681603
INSTR...AF-AFOSR-0815-67
PROJECT/TASK.....9749/01

AFOSR 67-0977
LITTON SYSTEMS INC
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL II--AN
INVESTIGATION OF THE VARIOUS PLASMA DISCHARGES SURROUNDING
A SOLENOIDAL COIL EXCITED WITH CURRENT AT 4 MC FINAL REPORT
BY PENFOLD A S
OAR ACCESS NO.....014930-001
DDC NUMBER.....A0681601
INSTR...AF-49/63A/01251
PROJECT/TASK.....9752/01

AFOSR 67-0979
LITTON SYSTEMS INC
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL I THE
DEVELOPMENT OF A CW TRAVELING WAVE ACCELERATOR FOR THE
PRODUCTION OF PINCHED PLASMA TOROIDES FINAL REPORT JAN 1967
BY PENFOLD A S
OAR ACCESS NO.....014930-002
DDC NUMBER.....A0681595
INSTR...AF-49/63B/71251
PROJECT/TASK.....9752/01

AFOSR 67-0980
WESTAT RESEARCH INC
ASSOCIATIVE ADJUSTMENTS TO REDUCE ERRORS IN DOCUMENT
SCREENING FINAL REPORT MARCH 1967
BY HRYANT E C
WEINMAN D G
SEARLS D Y
OAR ACCESS NO.....018801-001
DDC NUMBER.....A0681630
INSTR...AF-49/63B/01671
PROJECT/TASK.....9769/02

AFOSR 67-0981
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A SIMPLE LABORATORY MODEL FOR THE OCEANIC CIRCULATION
J FLUID MECH V27 PT 2 PP291-304 1967
BY PENLOSKY J
GREENSPAN M P
OAR ACCESS NO.....003702-001
DDC NUMBER.....A0681697
INSTR...AF-AFOSR-0492-66
PROJECT/TASK.....9749/01

AFOSR 67-0982
UNIVERSITY OF ILLINOIS
COMPUTATION IN NEURAL NETS
CURRENTS IN MODERN BIOLOGY V1 N1 PP47-93 1967
BY ROENSTEN M V
OAR ACCESS NO.....012153-001
DDC NUMBER.....A0681673
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 67-0983
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
INSERTION OF CCL2 INTO THE SILICON-CARBON BOND OF
SILACYCLOBUTANES
J AM CHEM SOC V89 N6 PP1538-1540 15 MAR 1967
BY SEYFERTH D
DAMHAUER R
WASHBURN S S
OAR ACCESS NO.....014231-010
DDC NUMBER.....A0681677
INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9762/02

AFOSR 67-0984
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETOACOUSTIC ATTENUATION IN HIGH-FIELD SUPERCONDUCTORS
PHYS REV V154 N2 PP 375-385 10 FEB 1967
BY SHAPIRA Y
HEURINGEN L J
OAR ACCESS NO.....007911-101
DDC NUMBER.....A0681840
INSTR...AF-49/63B/01468
PROJECT/TASK.....9764/01

AFOSR 67-0985
PRINCETON UNIVERSITY
THE PRESENT STATE OF PLASMA KINETIC THEORY
PROC SYM APPL MATH V18 MAGNETO-FLUID AND PLASMA DYNAMICS AM
MATH SOC PP257-269 1967
BY FRIEMAN E A
OAR ACCESS NO.....016500-007
DDC NUMBER.....A0681829
INSTR...AF-49/63B/01555
PROJECT/TASK.....9767/03

AFOSR 67-0986
TEXAS INSTRUMENTS INCORPORATED
MICROWAVE SATURATION OF PARAELECTRIC-RESONANCE TRANSITIONS
OF OH IONS IN KCL
SOLID STATE COMMUN V4 N12 PP639-642 1966
BY SCHAEFER L D
ESTLE T L
OAR ACCESS NO.....016440-007
DDC NUMBER.....A0681836
INSTR...AF-49/63B/01250
PROJECT/TASK.....9761/03

AFOSR 67-0987
NEW YORK UNIVERSITY
LINGUISTIC SPECIFICATION AND ANALYSIS OF CLASSES OF
PATTERNS
TECHNICAL REPORT 400-147 OCT 1966
BY FEDEL J
OAR ACCESS NO.....010114-004
DDC NUMBER.....A0681606
INSTR...AF-AFOSR-0024-66
PROJECT/TASK.....9769/02

AFOSR 67-0988
SYRACUSE UNIVERSITY
INTERACTION OF PLASMAS WITH HIGH INTENSITY R-F FIELDS FINAL
REPORT FEB 1967
BY KENT G
HEINTZ R E
MENDELUVICZ E
OAR ACCESS NO.....013431-001
DDC NUMBER.....A0681608
INSTR...AF-49/63B/01374
PROJECT/TASK.....9752/01

AFOSR 67-0989
UNIVERSITY OF ROCHESTER
A PULSED-BEAM FACILITY FOR THE UNIVERSITY OF ROCHESTER MP
TANDEM
FEBRUARY 1967
BY PUNSER K M
BAHNSEN A
KRICK M S
OAR ACCESS NO.....021180-001
DDC NUMBER.....A0681569
INSTR...AF-49/63B/01707
PROJECT/TASK.....9751/02

AFOSR 67-0990
UNIVERSITY OF GEORGIA
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS IN SOME
TRANSITION METAL DERIVATIVES CONTAINING ROTH DI-CYCLOPENTA-
DIENYL AND BIS/TRIPLUOROMETHYL/ETHYLENE DITHIOLATE LIGANDS
INORG CHEM V6 N3 PP469-479 MAR 1967
BISNFTTE M D
DAR ACCESS NO.....019060-016
DOC NUMBER.....A0652118
INSTR...AF-AFOSR-0590-66
PROJECT/TASK.....9710/02

AFOSR 67-0991
STEVENS INSTITUTE OF TECHNOLOGY
MEASUREMENT OF ROTATIONAL-VELOCITY AND ION-DENSITY PROFILES
IN PLASMA VORTICES
INTERNAL CONF PHENOMENA IN IONIZED GASES 7TH V2 PP 141-146
BEOGRAD 1966
BY BOSTICK M A
ENHART G
FAMER C
GRUNBERGER L
JENKIAN A
DAR ACCESS NO.....009033-002
DOC NUMBER.....A0651965
INSTR...AF-AFOSR-0465-68
PROJECT/TASK.....9752/01

AFOSR 67-0992
INNSBRUCK UNIVERSITY
NON-IDEAL MAG FLOWS IN BOUNDARY LAYER APPROXIMATION
5 MARCH 1967
BY FRIEDEL H
DAR ACCESS NO.....013281-001
DOC NUMBER.....A0651670
INSTR...AF-AFOSR-07-C-0114
PROJECT/TASK.....9752/01

AFOSR 67-0993
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CNP INSERTION INTO THE SILICON-MERCURY AND GERMANIUM-
MERCURY BONDS
J ORGANOMETAL CHEM V7 PP20-21 1967
BY SEYFERTH D
CROSS M J
PROKAI B
DAR ACCESS NO.....014231-011
DOC NUMBER.....A0651851
INSTR...AF-AFOSR-0802-66
PROJECT/TASK.....9762/02

AFOSR 67-0994
STD RESEARCH CORPORATION
OHMS LAW IN MULTICOMPONENT NONISOTHERMAL PLASMAS WITH
TEMPERATURE AND PRESSURE GRADIENTS
PHYS FLUIDS V4 N1 PP2136-2149 NOV 1966
BY DEMETRIADES S T
ANGYOMOLOUS G S
DAR ACCESS NO.....013581-001
DOC NUMBER.....A0652245
INSTR...AF-AFOSR-0160-64
PROJECT/TASK.....9752/01

AFOSR 67-0996
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GROUP RINGS OVER ORDERED DOMAINS
J ALGEBRA V5 N1 PP358-361 MAR 1967
BY LARSON R G
DAR ACCESS NO.....000451-016
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-0996
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GROUP RINGS OVER ORDERED DOMAINS
J ALGEBRA V5 N3 PP358-361 MAR 1967
BY LARSON R G
DAR ACCESS NO.....000451-016
DOC NUMBER.....A0651853
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-0997
MICHIGAN UNIVERSITY
A LIAISON METHOD FOR THE ESTIMATION OF STATISTICAL
AVERAGES
J DIFFERENTIAL EQUATIONS V2 N4 PP365-377 OCT 1966
BY ROSEMAN M M
DAR ACCESS NO.....019591-005
DOC NUMBER.....A0651840
INSTR...AF-AFOSR-0693-65
PROJECT/TASK.....9749/01

AFOSR 67-0998
GEORGE WASHINGTON UNIVERSITY
AN EXTENSION OF AN INFORMATION - THEORETIC DERIVATION OF
CERTAIN LIMIT RELATIONS FOR A MARKOV CHAIN
J SIAM CONTRL V5 N1 PP51-53 1967
BY KULLBACK S
DAR ACCESS NO.....019120-003
DOC NUMBER.....A0651350
INSTR...AF-AFOSR-0932-65
PROJECT/TASK.....9749/02

AFOSR 67-0999
CORNELL UNIVERSITY
APPROXIMATE CALCULATION OF HIGHLY UNDEREXPANDED JETS
AIAA J V8 N10 PP1877-1879 OCT 1966
BY HUNJAND E A
DAR ACCESS NO.....001062-005
DOC NUMBER.....A0649711
INSTR...AF-AFOSR-0138-64
PROJECT/TASK.....9763/02

AFOSR 67-1000
UNIVERSITY OF MARYLAND
QUASI-ONE-DIMENSIONAL ANALYSIS OF MAGNETOGASDYNAMICS
ELEC MAG V1 PP283-294 1966
BY PAI S I
DAR ACCESS NO.....020730-001
INSTR...AF-AFOSR-1015-66
PROJECT/TASK.....9763/02

AFOSR 67-1000
UNIVERSITY OF MARYLAND
QUASI-ONE-DIMENSIONAL ANALYSIS OF MAGNETOGASDYNAMICS
ELEC MAG V1 PP283-294 1966
BY PAI S I
DAR ACCESS NO.....020730-002
DOC NUMBER.....A0651824
INSTR...AF-AFOSR-1015-66
PROJECT/TASK.....9763/02

AFOSR 67-1001
PURDUE UNIVERSITY
COMBUSTION PRESSURE OSCILLATIONS IN AN UNMIXED GAS ROCKET
MOTOR
J SPACECRAFT ROCKETS V3 N1 PP1880-1882 NOV 1966
BY BONNELL J M
OSBORN J R
DAR ACCESS NO.....005871-003
DOC NUMBER.....A0652121
INSTR...AF-AFOSR-0360-62
PROJECT/TASK.....9711/01

AFOSR 67-1002
UNIVERSITY OF MARYLAND
GROUND STATES OF A RELATIVISTIC TWO-BODY HAMILTONIAN
COMPARISON WITH THE BETHE-SALPETER EQUATION
PHYS REV V183 N5 PP1496-1501 29 JAN 1967
BY SUN N D
SUCHER J
DAR ACCESS NO.....002223-004
DOC NUMBER.....A0651825
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 67-1003
TECHNION ISRAEL INST OF TECH
DISCONTINUOUS YIELDING OF COMMERCIAL-PURE ALUMINIUM
J MECH PHYS SOLIDS V15 PP 63-77 1967
BY BODNER S R
ROSEN A
DAR ACCESS NO.....022230-004
DOC NUMBER.....A0652082
INSTR...AF-AFOSR-01057/0093
PROJECT/TASK.....9762/02

AFOSR 67-1004
KANSAS STATE UNIVERSITY
SECONDARY TASK INTERFERENCE IN THE PERFORMANCE OF TRACKING
TASKS
J EXPL PSYCHOL V73 N2 PP232-240 1967
BY TRUMBO D
NOBLE M
SWINK J
DAR ACCESS NO.....008781-004
DOC NUMBER.....A0652056
INSTR...AF-AFOSR-0526-64
PROJECT/TASK.....9778/01

AFOSR 67-1005
UNIVERSITY OF CHICAGO
A COMPILATION OF BINDING ENERGY VALUES OF LIGHT HYPERNUCLEI
NUCL PHYS B1 PP105-113 1967
BY GAJEWSKI M
MAYEUK C
SACTON J
VILAIN P
WILCOFT G
DAR ACCESS NO.....001783-002
DOC NUMBER.....A0651847
INSTR...AF-AFOSR-0387/01652
PROJECT/TASK.....9751/01

AFOSR 67-1006
MELLON INSTITUTE
ON STEREOREGULARITY DISTRIBUTIONS FROM ANIONIC
POLYMERIZATIONS
POLYMER LETTERS V4 PP1029-1032 1966
BY COLMAN B D
FOX T G
REINMOLLER M
DAR ACCESS NO.....010271-001
DOC NUMBER.....A0651828
INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 67-1007
JOHNS HOPKINS UNIVERSITY
AN EXPERIMENTAL STUDY OF THE DOUBLE SLIP DEFORMATION
HYPOTHESIS FOR FACE-CENTRED CUBIC SINGLE CRYSTALS
PHIL MAG V15 N13 PP 469-476 MAR 1967
BY HELL J F
GREEN R E JR
DAR ACCESS NO.....005400-008
DOC NUMBER.....A0651833
INSTR...AF-AFOSR-01067
PROJECT/TASK.....9762/01

AFOSR 67-1008
KANSAS STATE UNIVERSITY
TASK PREDICTABILITY AND THE DEVELOPMENT OF TRACKING SKILL
UNDER EXTENDED PRACTICE
J EXPL PSYCHOL V72 N1 PP85-94 1966
BY NOBLE M
TRUMBO D
WHICH L
CROSS A
DAR ACCESS NO.....008781-005
DOC NUMBER.....A0652049
INSTR...AF-AFOSR-0526-64
PROJECT/TASK.....9778/01

AFOSR 67-1009
WESTINGHOUSE ELECTRIC CORPORATION
HIGH-FREQUENCY PARAMAGNETIC-RESONANCE STUDIES OF TRIVALENT
DYSPROSIUM IN CALCIUM FLUORIDE
PHYS REV V153 N2 PP349-384 10 JAN 1967
BY MERGERIAN O
HANROP I M
STOMBLEN M P
KRIKORIAN K C
OAR ACCESS NO.....010620-001
DOC NUMBER.....AD052298
INSTR...AF-49/638/01537
PROJECT/TASK.....9763/02

AFOSR 67-1010
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETIC PROPERTIES OF SUPERCONDUCTING MOLYBDENUM-RHENIUM
ALLOYS
PHYS REV V153 N2 PP487-498 JAN 1967
BY LERNER E
DAUNT J G
MAXWELL E
OAR ACCESS NO.....007911-102
DOC NUMBER.....AD052132
INSTR...AF-49/638/01468
PROJECT/TASK.....9764/00

AFOSR 67-1011
POLYTECHNIC INSTITUTE OF BROOKLYN
INFLUENCE OF TRANSVERSE SHEAR AND EDGE CONDITION ON
NONLINEAR VIBRATION AND DYNAMIC BUCKLING OF HOMOGENEOUS
AND SANDWICH PLATES
J APPL MECH DEC 1966
BY YU Y Y
LAI J L
OAR ACCESS NO.....005558-011
DOC NUMBER.....AD052081
INSTR...AF-49/638/01290
PROJECT/TASK.....9782/01

AFOSR 67-1012
UNIVERSITY OF MISSOURI
MAXIMUM LIKELIHOOD ESTIMATION OF THE DISTRIBUTIONS OF TWO
STOCHASTICALLY ORDERED RANDOM VARIABLES
J AM STATIST ASSOC V61 PP1067-1080 DEC 66
BY BRUNK M D
FRANCK W E
HANSON D L
MOGG R V
OAR ACCESS NO.....013680-007
DOC NUMBER.....AD051873
INSTR...AF-AFOSR-0746-65
PROJECT/TASK.....9749/02

AFOSR 67-1013
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE RELATION BETWEEN THE ELECTROMAGNETIC OSCILLATOR STRENGTH AND
THE WAVELENGTH FOR DIATOMIC MOLECULES
J QUANT SPECTR RADIATIVE TRANSFER V7 PP169-183 1967
BY SCHADEE A
OAR ACCESS NO.....000581-010
DOC NUMBER.....AD052141
INSTR...AF-49/638/01323
PROJECT/TASK.....9774/01

AFOSR 67-1014
UNIVERSITY OF CALIFORNIA
THE NEUROPHYSIOLOGY OF ANESTHESIA
ANESTHESIOLOGY V28 N1 PP65-80 JAN-FEB 1967
BY WINTERS W D
MORI K
SPOONER C E
BAUER R O
OAR ACCESS NO.....009322-009
DOC NUMBER.....AD051835
INSTR...AF-49/638/01387
PROJECT/TASK.....9777/01

AFOSR 67-1015
UNIVERSITY OF MISSOURI
ON THE OSCILLATION OF SUMS OF RANDOM VARIABLES
PROC AM MATH SOC V17 N4 PP864-865 AUG 66
BY HANSON D L
KATZ M
OAR ACCESS NO.....015600-008
DOC NUMBER.....AD051875
INSTR...AF-AFOSR-0746-65
PROJECT/TASK.....9749/02

AFOSR 67-1016
UNIVERSITY OF CHICAGO
QUANTIZED VORTEX RINGS IN ROTATING HELIUM II
PHYS REV LETTERS V17 N21 PP1088-1090 21 NOV 1966
BY SCHWARZ K W
DONNELLY R J
OAR ACCESS NO.....010590-012
DOC NUMBER.....AD052124
INSTR...AF-AFOSR-0785-65
PROJECT/TASK.....9767/01

AFOSR 67-1017
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EFFECT OF PARAMAGNETISM AND SPIN-ORBIT SCATTERING ON H SUB
CSUB 2 OR ZIRCONIUM-NIOBIUM ALLOYS
PHYS LETTERS V23 N11 PP629-631 12 DEC 1966
BY WILLIAMSON S J
OAR ACCESS NO.....007911-103
DOC NUMBER.....AD051841
INSTR...AF-49/638/01468
PROJECT/TASK.....9764/00

AFOSR 67-1018
UNIVERSITY OF MICHIGAN
SOME CRITICAL REMARKS ON A NEW NUMERICAL METHOD FOR
SIMULATION OF DYNAMICAL SYSTEMS
SIMULATION V6 N2 PP90-91 FEB 68
BY GILBERT E G
OAR ACCESS NO.....010621-004
DOC NUMBER.....AD052134
INSTR...AF-AFOSR-0814-65
PROJECT/TASK.....9749/01

AFOSR 67-1019
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
INTERBAND MAGNETOABSORPTION IN INDIUM ARSENICIDE AND
INDIUM ANTIMONIDE
PHYS REV V154 N3 PP737-742 FEB 1967
BY RIDGEM C R
MITCHELL D L
BROWN R N
OAR ACCESS NO.....007911-104
DOC NUMBER.....AD051839
INSTR...AF-49/638/01468
PROJECT/TASK.....9764/00

AFOSR 67-1020
BUREAU OF SOCIAL SCIENCE RESEARCH
LIFE AND DEATH IN EXTREME CAPTIVITY SITUATIONS
PSYCHOLOGICAL STRESS N H APPLEBY R THUMBULL EOS MEREDITH
PUHL CO NY PP242-277 1967
BY BIDENMAN A D
OAR ACCESS NO.....008770-002
DOC NUMBER.....AD051845
INSTR...AF-49/638/00727
PROJECT/TASK.....9779/01

AFOSR 67-1021
YESHIVA UNIVERSITY
HAMILTON-JACOBI QUANTIZATION OF GENERAL RELATIVITY
PHYS REV V153 N8 PP1385-1387 25 JAN 1967
BY KOMAR A
OAR ACCESS NO.....017090-003
DOC NUMBER.....AD052131
INSTR...AF-AFOSR-0816-65
PROJECT/TASK.....9767/04

AFOSR 67-1022
SOUTHWEST RESEARCH INSTITUTE
WAVE PROPAGATION IN THIN RODS WITH QUIESCENT TEMPERATURE
GRADIENTS
J APPL MECH SEP 1966
BY FRANCIS P H
OAR ACCESS NO.....010351-001
DOC NUMBER.....AD051827
INSTR...AF-49/638/01485
PROJECT/TASK.....9782/01

AFOSR 67-1023
DARTMOUTH COLLEGE
PERIODIC VORTICITY AND ITS EFFECT ON JET MIXING
PHYS FLUIDS V9 N8 PP1555-1560 AUG 1966
BY MCCORMACK P D
COCHRAN D
CRANE L
OAR ACCESS NO.....021960-001
DOC NUMBER.....AD052435
INSTR...AF-AFOSR-1101-66
PROJECT/TASK.....9713/01

AFOSR 67-1024
MOTIL OIL CORPORATION
PLASMA DENSITY MEASUREMENT BY MOLECULAR ION BREAKUP
REV SCI INSTR V38 N1 PP142-143 JAN 1967
BY MICKOK R L
OAR ACCESS NO.....016260-004
DOC NUMBER.....AD052135
INSTR...AF-49/638/01500
PROJECT/TASK.....9752/01

AFOSR 67-1025
RENNSELAER POLYTECHNIC INSTITUTE
FORCED OSCILLATION OF A SECOND ORDER RELAY SYSTEM WITH
DAMPING
J FRANKLIN INST V282 N5 PP298-302 NOV 66
BY FLEISHMAN B A
OAR ACCESS NO.....014370-001
DOC NUMBER.....AD051834
INSTR...AF-AFOSR-0549-64
PROJECT/TASK.....9749/01

AFOSR 67-1026
UNIVERSITY OF MINNESOTA
ACID-BASE INDICATOR CONSTANTS IN ACETONITRILE
ANAL CHEM V39 N3 PP319-320 MAR 1967
BY KULTHOFF I M
CHANTOONI M K JR
BROWNIK S
OAR ACCESS NO.....012231-004
DOC NUMBER.....AD052125
INSTR...AF-AFOSR-0028-65
PROJECT/TASK.....9710/03

AFOSR 67-1027
KANSAS STATE UNIVERSITY
THE ORGANIZATION OF SKILLED RESPONSE
ORGAN BEHAVIOR HUMAN PERFORMANCE V2 N1 PP1-25 FEB 1967
BY NOBLE M
TRUMBO D
OAR ACCESS NO.....006781-006
DOC NUMBER.....AD052122
INSTR...AF-AFOSR-0526-64
PROJECT/TASK.....9778/01

AFOSR 67-1028
UNIVERSITY OF CALIFORNIA
CONTINUOUS GAS MIXING BY THE USE OF CRITICAL FLOW THROUGH
SMALL DIAMETER TUBES
REPORT NO A5-67-3 MARCH 1967
BY KAMEL M M
LUNDSTROM E A
OAR ACCESS NO.....001935-002
DOC NUMBER.....A0651037
INSTR...AF-AFOSR-0129-67
PROJECT/TASK.....9711/01

AFOSR 67-1029
KANSAS STATE UNIVERSITY
THE CRYSTALLINITY OF SOLID NITROGEN OXIDES SOLID
HYDROLYTIC FINAL REPORT APRIL 1967
BY DRAGSDORF H D
STUCKY G L
LANKFEST J L
FORR C L
MOLLS R L
OAR ACCESS NO.....007401-001
DOC NUMBER.....A0651947
INSTR...AF-AFOSR-0293-63
PROJECT/TASK.....9710/01

AFOSR 67-1030
PRINCETON UNIVERSITY
PROPAGATION OF CORRELATIONS IN A BOLTZMANN GAS
J MATH PHYS V7 N12 PP2153-2170 DEC 66
BY FRIEDMAN F A
GOLDMAN H
OAR ACCESS NO.....010500-008
DOC NUMBER.....A0652143
INSTR...AF-69/638/0155
PROJECT/TASK.....9764/03

AFOSR 67-1031
ISRAEL INSTITUTE OF TECHNOLOGY
QUANTUM THEORY OF AC MAGNETORESISTANCE
PHYS REV V148 N2 PP548-557 12 AUG 66
BY WEILMAN D
RON A
OAR ACCESS NO.....010340-001
DOC NUMBER.....A0651905
INSTR...AF-FUAD-0026-65
PROJECT/TASK.....9761/01

AFOSR 67-1032
UNIVERSITA DEGLI STUDI DI NAPLES
ON STRONG SMALL PERTURBATION SOLUTIONS FOR STEADY
SUPERSONIC FLOWS OF BENT OR REACTING MIXTURES
ISRAEL J TECHN V5 N1-2 PP170-179 1967
BY NAPOLITANO L G
OAR ACCESS NO.....006031-002
DOC NUMBER.....A0652128
INSTR...AF-11/052/0065
PROJECT/TASK.....9761/02

AFOSR 67-1033
UNIVERSITY OF BIRMINGHAM
DEVICE FOR ATMOSPHERIC AND ISOTHERMAL ELECTRICAL RESISTIVITY
IN THE RANGE 100 TO 4000 OHMS CM
J SCI INSTR V44 PP75-76 JAN 1967
BY BRIDGES M E
SMITH R B
OAR ACCESS NO.....012940-001
DOC NUMBER.....A0652026
INSTR...AF-FUAD-0067-63
PROJECT/TASK.....9763/01

AFOSR 67-1034
UNIVERSITY OF SHEFFIELD
MICROBIAL GROWTH ON C1 COMPOUNDS UPTAKE OF ZIRCONIUM
FORMALDEHYDE AND ZIRCONIUM/PURMATE BY METHANE-GHON
PSEUDOMONAS METHANICA AND UPTAKE OF THE HERCULE
QUINONE J V102 N94 PP54-122 1967
BY KEMP M J
QUAYLE J W
OAR ACCESS NO.....000043-005
DOC NUMBER.....A0652022
INSTR...AF-FUAD-0004-64
PROJECT/TASK.....9777/01

AFOSR 67-1035
CALIFORNIA STATE COLLEGE
SOME TRANSFORMATIONS OF THE PMSAGE RELATIONS OF
NON-EQUILIBRIUM THERMODYNAMICS
J APPL PHYS V47 N12 PP4753-4759 DEC 1966
BY LEE J S
FLANAGAN M R
OAR ACCESS NO.....010540-002
DOC NUMBER.....A0652033
INSTR...AF-AFOSR-0093-65
PROJECT/TASK.....9763/02

AFOSR 67-1036
UNIVERSITY OF FLORIDA
MEASUREMENT OF THE DAMPING CONSTANT AND A-PARAMETER OF
SEVERAL ELEMENTS IN SEVERAL HYDROGEN AND ACETYLENE-OXYGEN
FLAMES USING AN ABSORPTION METHOD
J QUANT SPECTRY RADIATIVE TRANSFER V7 PP261-272 1967
BY MCNEIL R G
WINEFORDNER J D
OAR ACCESS NO.....009430-007
DOC NUMBER.....A0652040
INSTR...AF-AFOSR-1033-66
PROJECT/TASK.....9710/03

AFOSR 67-1037
FLORIDA STATE UNIVERSITY
SEQUENCE PEPTIDE POLYMERS II POLY GLU /OH/ GLY POLY GLU
/OH/ - SER /H/ -GLY AND THEIR BENZYL ESTERS
J AM CHEM SOC V89 N4 PP199A-1004 15 FEB 1967
BY DETAM U F
VAJDA T
OAR ACCESS NO.....010611-005
DOC NUMBER.....A0652430
INSTR...AF-AFOSR-0629-64
PROJECT/TASK.....9762/02

AFOSR 67-1038
UNIVERSITY OF FLORIDA
MEASUREMENT OF THE FREE ATOM FRACTION OF 22 ELEMENTS IN AN
ACETYLENE-AIR FLAME
J QUANT SPECTRY RADIATIVE TRANSFER V7 PP261-260 1967
BY DE GALAN L
WINEFORDNER J D
OAR ACCESS NO.....020430-008
DOC NUMBER.....A0652432
INSTR...AF-AFOSR-1033-66
PROJECT/TASK.....9710/03

AFOSR 67-1039
CALIFORNIA STATE COLLEGE
TRANSPORT PROCESSES IN MAGNETOSOLIDMECHANICS
J APPL MECH V33 N4 PP770-776 DEC 1966
BY EL-SAUEN M R
ANNAS D A
OAR ACCESS NO.....010640-003
DOC NUMBER.....A0652438
INSTR...AF-AFOSR-0898-65
PROJECT/TASK.....9763/02

AFOSR 67-1040
STANFORD UNIVERSITY
A MAXIMUM-SIGNAL THEOREM FOR THE SPATIALLY COHERENT
DETECTION OF SCATTERED RADIATION
IEEE TRANS ANTENNAS PROPAGATION VAP-15 N1 PP192-194 JAN
1967
BY SIEGMAN A E
OAR ACCESS NO.....006753-003
DOC NUMBER.....A0652292
INSTR...AF-69/638/01525
PROJECT/TASK.....9767/02

AFOSR 67-1041
UNIVERSITY OF PITTSBURGH
NUCLEAR ZEEMAN-DIPOLAR CROSS RELAXATION TIMES
PHYS LETTERS V24A N1 PP49-50 2 JAN 1967
BY CLOUGH S
OAR ACCESS NO.....006753-003
DOC NUMBER.....A0652292
INSTR...AF-AFOSR-0146-66
PROJECT/TASK.....9763/01

AFOSR 67-1042
BROWN UNIVERSITY
ON THE MINIMAL SETS OF NON-SINGULAR VECTOR FIELDS
ANN MATH V44 N3 PP529-536 NOV 1966
BY WILSON F W JR
OAR ACCESS NO.....010591-006
DOC NUMBER.....A0651662
INSTR...AF-AFOSR-0693-65
PROJECT/TASK.....9749/01

AFOSR 67-1043
UNIVERSITY OF PITTSBURGH
NUCLEAR SPIN RELAXATION IN A ROTATING TILTED REFERENCE
FRAME
PHYS REV V153 N2 PP355-357 10 JAN 1967
BY CLOUGH S
OAR ACCESS NO.....003173-003
DOC NUMBER.....A0652048
INSTR...AF-AFOSR-0146-66
PROJECT/TASK.....9763/03

AFOSR 67-1044
CONNELL UNIVERSITY
VISCOUS-TRANSONIC FLOW IN THE ACCRETION AND STELLAR-WIND
MAGNETOS
ASTROPHYS J V147 N1 PP230-234 JAN 1967
BY AXFORD W E
NEWMAN H C
OAR ACCESS NO.....007443-009
DOC NUMBER.....A0652190
INSTR...AF-69/638/01527
PROJECT/TASK.....9767/02

AFOSR 67-1045
CONNELL UNIVERSITY
RELATIVISTIC SPIN FORMULATION OF STOKES PARAMETERS WITH
APPLICATION TO THE INVERSE COMPTON EFFECT
J MATH PHYS V7 N11 PP1915-1923 NOV 1966
BY CHUNG D S
OAR ACCESS NO.....007442-006
DOC NUMBER.....A0652021
INSTR...AF-AFOSR-0321-63
PROJECT/TASK.....9767/02

AFOSR 67-1046
STANFORD UNIVERSITY
ON MEASURES EQUIVALENT TO WIGNER MEASURE
ANN MATH STATISTICS V30 N1 PP261-263 FEB 1967
BY KATHATH T
OAR ACCESS NO.....017360-004
DOC NUMBER.....A0652289
INSTR...AF-69/638/01517
PROJECT/TASK.....9749/01

AFOSR 67-1047
UNIVERSITY OF CALIFORNIA
INSTABILITY OF FIRING THRESHOLD AND REMOTE ACTIVATION IN
CORTICAL NEURONES
NATURE V212 N5069 PP1424-1425 24 DEC 1966
BY ELUL R
ADEY W R
OAR ACCESS NO.....009322-011
DOC NUMBER.....AD652184
INSTR...AF-49/63H/01307
PROJECT/TASK.....9777/01

AFOSR 67-1047
UNIVERSITY OF CALIFORNIA
INSTABILITY OF FIRING THRESHOLD AND REMOTE ACTIVATION
IN CORTICAL NEURONES
NATURE V212 N5069 PP1424-1425 24 DEC 1966
BY ELUL R
ADEY W R
OAR ACCESS NO.....009322-025
INSTR...AF-49/63H/01307
PROJECT/TASK.....9777/01

AFOSR 67-1048
STANFORD UNIVERSITY
THE DIVERGENCE AND DIATACHANITY DISTANCE MEASURES IN
SIGNAL SELECTION
IEEE TRANS COMM TECHNOL VCCW-15 N1 PP57-60 FEB 1967
BY KAILATH T
OAR ACCESS NO.....017360-007
DOC NUMBER.....AD652291
INSTR...AF-49/63H/01517
PROJECT/TASK.....9749/01

AFOSR 67-1049
UNIVERSITY OF CALIFORNIA
A STUDY OF THE CHEMILUMINESCENCE FROM OXYGEN ATOM-HYDRAZINE
FLAMES
J. PHYS CHEM V71 N2 PP371-377 JAN 1967
BY HECKER K H
BAYES K D
OAR ACCESS NO.....009801-001
DOC NUMBER.....AD652022
INSTR...AF-49/63H/01517
PROJECT/TASK.....9760/02

AFOSR 67-1050
UNIVERSITY OF CALIFORNIA
ON A CLASSICAL CENOTATOR RESULT
J MATH MECH V16 N6 PP583-588 DEC 1966
BY MARCUS M
THOMPSON H C
OAR ACCESS NO.....014930-016
DOC NUMBER.....AD652043
INSTR...AF-49/63H/01517
PROJECT/TASK.....9749/01

AFOSR 67-1051
UNIVERSITY OF CALIFORNIA
EFFECT OF INTERHEMISPHERIC TRANSFECTION ON THE EEG PATTERNS
IN SLEEP AND WAKEFULNESS IN MONKEYS
ELECTROENCEPHALOG CLIN NEUROPHYSIOL V22 PP101-112 1967
BY BATINI C
RADULOVACKI M
KADII R T
ADEY W R
OAR ACCESS NO.....009322-010
DOC NUMBER.....AD652186
INSTR...AF-49/63H/01307
PROJECT/TASK.....9777/01

AFOSR 67-1052
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY IN THE ALLOY SYSTEM INDIUM-THALLIUM
PHYS REV V154 N2 PP424-435 10 FEB 1967
BY MENRIAM M F
HAGEN J
LUD H L
OAR ACCESS NO.....018630-048
DOC NUMBER.....AD652059
INSTR...AF-49/63H/01307
PROJECT/TASK.....9763/02

AFOSR 67-1053
CALIFORNIA INSTITUTE OF TECHNOLOGY
IONIZATION PHENOMENA IN A GAS-PARTICLE PLASMA
PHYS FLUIDS V9 N12 PP2384-2399 DEC 1966
BY GIBSON E G
OAR ACCESS NO.....005801-003
DOC NUMBER.....AD652024
INSTR...AF-49/63H/01307
PROJECT/TASK.....9752/01

AFOSR 67-1054
UNIVERSITY OF CALIFORNIA
PERMUTATIONS ON SYMMETRY CLASSES
J ALGEBRA V5 N1 PP59-71 JAN 67
BY MARCUS M
MINE H
OAR ACCESS NO.....014930-017
DOC NUMBER.....AD651949
INSTR...AF-49/63H/01307
PROJECT/TASK.....9749/01

AFOSR 67-1055
CALIFORNIA INSTITUTE OF TECHNOLOGY
SPECTROPHOTOMETRY OF V2 CANCHI
ASTROPHYS J V147 N1 PP151-157 JAN 1967
BY DANZIGER J J
ORE J H
OAR ACCESS NO.....000541-016
DOC NUMBER.....AD652186
INSTR...AF-49/63H/01307
PROJECT/TASK.....9776/01

AFOSR 67-1056
UNIVERSITY OF CALIFORNIA
HEAT FLOW BETWEEN NORMAL AND SUPERCONDUCTING REGIONS
PHYS LETTERS V23 N7 PP429-430 14 NOV 1966
BY GIFFIN A
MAKI K
OAR ACCESS NO.....009461-029
DOC NUMBER.....AD652052
INSTR...AF-49/63H/01307
PROJECT/TASK.....9761/01

AFOSR 67-1057
UNIVERSITY OF CALIFORNIA
QUESTION OF SINGLET STATES OF PARAMAGNETIC IMPURITIES IN
METALS
PHYS REV LETTERS V17 N22 PP1140-1142 28 NOV 1966
BY SUHL M
OAR ACCESS NO.....008461-030
DOC NUMBER.....AD652052
INSTR...AF-49/63H/01307
PROJECT/TASK.....9761/01

AFOSR 67-1058
UNIVERSITY OF CALIFORNIA
ANOMALOUS SCATTERING BY MAGNETIC IMPURITIES IN
SUPERCONDUCTORS
PHYS REV V153 N2 PP428-434 10 JAN 1967
BY MAKI K
OAR ACCESS NO.....008461-031
DOC NUMBER.....AD652054
INSTR...AF-49/63H/01307
PROJECT/TASK.....9761/01

AFOSR 67-1059
NEW YORK UNIVERSITY
ORIENTATION AND REACTIVITY IN FREE RADICAL ANCHATIC
SUBSTITUTION FINAL REPORT APRIL 1967
BY MORRISON R T
OAR ACCESS NO.....009001-002
DOC NUMBER.....AD652052
INSTR...AF-49/63H/01307
PROJECT/TASK.....9762/01

AFOSR 67-1060
UNIVERSITY OF CALIFORNIA
STRONG-COUPPLING THEORY OF PARAELECTRIC IMPURITIES IN ALKALI
HALIDES
PHYS REV LETTERS V17 N22 PP1147-1149 28 NOV 1966
BY SHORE M H
OAR ACCESS NO.....008461-032
DOC NUMBER.....AD652052
INSTR...AF-49/63H/01307
PROJECT/TASK.....9761/01

AFOSR 67-1062
STEVENS INSTITUTE OF TECHNOLOGY
MECHANISM AND DYNAMICS OF COAXIAL PLASMA ACCELERATION FINAL
REPORT MARCH 1967
BY BOSTICK W H
OAR ACCESS NO.....009033-003
DOC NUMBER.....AD652052
INSTR...AF-49/63H/01307
PROJECT/TASK.....9752/01

AFOSR 67-1065
UNIVERSITY OF CALIFORNIA
CHEMICAL COMPOSITIONS OF GASEOUS NEBULAE AND PECULIAR STARS
FINAL REPORT APRIL 1967
BY ALLEN L H
OAR ACCESS NO.....021600-001
DOC NUMBER.....AD652272
INSTR...AF-49/63H/01307
PROJECT/TASK.....9774/01

AFOSR 67-1066
MICHIGAN TECHNOLOGICAL UNIVERSITY
DEFECT BEHAVIOR IN SEMICONDUCTORS FINAL REPORT APRIL 1967
BY HELDT L A
OAR ACCESS NO.....010061-002
INSTR...AF-49/63H/01307
PROJECT/TASK.....9749/01

AFOSR 67-1078
FLORIDA STATE UNIVERSITY
SEQUENCE PEPTIDE POLYMERS I POLYMERS BASED ON ASPARTIC
ACID AND GLYCINE
J AM CHEM SOC V89 N4 PP988-998 15 FEB 1967
BY DETAR D F
GROUSE M
HUNSBURG M
HUNSBURG U
OAR ACCESS NO.....010611-006
DOC NUMBER.....AD651950
INSTR...AF-49/63H/01307
PROJECT/TASK.....9762/02

AFOSR 67-1079
UNIVERSITY OF KANSAS
PHOTOLYSIS STUDIES UTILIZING RADIOACTIVE TRACERS FINAL
REPORT APRIL 1967
BY HURLAND F S
OAR ACCESS NO.....009701-001
DOC NUMBER.....AD652262
INSTR...AF-49/63H/01307
PROJECT/TASK.....9710/03

AFOSR 67-1090
UNIVERSITY OF ILLINOIS
A CLASSIFICATION OF MAPPINGS
DCL HEFT NO 262 FEB 1967
BY SCHADACH D J
DAR ACCESS NO.....014150-003
DOC NUMBER.....AD65234
INSTN...AF-AFOSR-0400-00
PROJECT/TASK.....9761/06

AFOSR 67-1091
UNIVERSITY OF CHICAGO
ABUNDANCES AND ENERGY SPECTRA OF GALACTIC COSMIC-RAY NUCLEI
ABOUT 20 MFV PER NUCLEON IN THE NUCLEAR CHARGE RANGE FROM 2
TO 26
ASTRO...VS J V146 N1 PP51-77 OCT 1966
BY CUMSTOCK C M
FAN C Y
SIMPSON J A
DAR ACCESS NO.....000625-002
DOC NUMBER.....AD651952
INSTN...AF-A9/67R/01042
PROJECT/TASK.....9761/04

AFOSR 67-1092
NATIONAL ACADEMY OF SCIENCES
HIGH-TEMPERATURE CHEMISTRY CURRENT AND FUTURE PROBLEMS
CONFERENCE ORGANIZED AT MICE UNIVERSITY HOUSTON TEXAS
JANUARY 26-27 1966 FINAL REPORT MAY 1967
BY MARGHAYE J L
DAR ACCESS NO.....021280-002
DOC NUMBER.....AD651119
INSTN...AF-AFOSR-1043-06
PROJECT/TASK.....4760/02

AFOSR 67-1093
STANFORD RESEARCH INSTITUTE
TOWARD A THIN-SECTION THEORY OF ORGANIZATIONAL CONFLICT AND
COMMITMENT
BY VOLLMER H H
DAR ACCESS NO.....008032-007
DOC NUMBER.....AD651045
INSTN...AF-A9/63M/01028
PROJECT/TASK.....9771/01

AFOSR 67-1094
BROWN UNIVERSITY
STABILITY THEORY AND THE ASYMPTOTIC BEHAVIOR OF DYNAMICAL
SYSTEMS
DYN STABILITY STRUCTURE AND INTERM CONF NORTHWESTERN UNIV
EVANSTON ILL 1A-20 OCT 1965 PP53-60 N Y PINGAMON RMPS 1967
BY LASALLE J P
DAR ACCESS NO.....011581-007
DOC NUMBER.....AD655883
INSTN...AF-AFOSR-0515-1A
PROJECT/TASK.....9749/01

AFOSR 67-1095
MCMASTER UNIVERSITY
NATURE OF SHORT-CIRCUIT DIFFUSION PATHS IN NICKEL
FILMS
AL...T 115 N3 PP577-579 1967
BY PINNOW J M
SWELTZER W M
HAN M K
DAR ACCESS NO.....005703-003
DOC NUMBER.....AD652108
INSTN...AF-AFOSR-0515-1A
PROJECT/TASK.....9761/03

AFOSR 67-1096
INNSBRUCK UNIVERSITY
MACROSCOPIC FINITE INSTABILITY INSTABILITIES-A LITERATURE
SURVEY
1 APRIL 1967
BY FREIDLE H
DAR ACCESS NO.....013251-007
DOC NUMBER.....AD652107
INSTN...AF-A9/62-67-C-0014
PROJECT/TASK.....9752/01

AFOSR 67-1097
DEHNEN UNIVERSITY
A SIMPLER METHOD FOR MEASURING ELECTRON DENSITY IN A PLASMA
APPL PHYS LETTERS VOL 4V PP180-181 1 NOV 1966
BY SHIMICKER J
DAR ACCESS NO.....000601-005
DOC NUMBER.....AD652105
INSTN...AF-A9/62/00188
PROJECT/TASK.....9763/02

AFOSR 67-1098
CLARKSON COLLEGE OF TECHNOLOGY
THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC
DEFORMATION OF ALUMINUM AND NICKEL
ACTA MET V15 N5 PP571-573 1967
BY MARTIN M C
WILSON K J
DAR ACCESS NO.....011131-003
DOC NUMBER.....AD652112
INSTN...AF-AFOSR-0748-01
PROJECT/TASK.....9763/01

AFOSR 67-1099
UNIVERSITY OF MINNESOTA
AN INVESTIGATION OF THE PROBABILITIES FOR SELECTING THE MOST
PROBABLE EVENT IN A MULTINOMIAL DISTRIBUTION
MULTIVARIATE ANALYSIS OF DISCRIMINATION TO PP421-454 N Y
ACADEMIC PRESS 1966
BY CALDWELL T N
SOBEL M
DAR ACCESS NO.....011430-002
DOC NUMBER.....AD652102
INSTN...AF-AFOSR-0335-05
PROJECT/TASK.....9747/02

AFOSR 67-1099
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
COMMUTATIVE HOPF ALGEBRAS
CAN J MATH V19 PP350-360 1967
BY LARSON R G
DAR ACCESS NO.....000451-017
DOC NUMBER.....AD652104
INSTN...AF-AFOSR-0335-03
PROJECT/TASK.....9749/02

AFOSR 67-1091
UNIVERSITY OF SOUTHERN CALIFORNIA
THE ROLF OF IMPERFECTION CHEMISTRY IN THE CHARACTERIZATION
OF MATERIALS
MATER RES BULL V2 N2 PP203-216 1967
BY KHODEN P A
DAR ACCESS NO.....020100-003
DOC NUMBER.....AD652100
INSTN...AF-AFOSR-0986-66
PROJECT/TASK.....9710/03

AFOSR 67-1092
INSTITUTE FOR ADVANCED STUDY
UNIFORMITY CONDITIONS FOR CERTAIN HOMOMORPHIC MAPPINGS
INVENTIONES MATH V2 PP247-258 1967
BY MOHEL A
NARASIMHAN R
DAR ACCESS NO.....021610-001
DOC NUMBER.....AD652101
INSTN...AF-AFOSR-1071-60
PROJECT/TASK.....9749/02

AFOSR 67-1095
WILLIAM MARSH RICE UNIVERSITY
NUCLEAR GAMMA RAYS FROM SUPERNOVA REMNANTS
SPACE RESEARCH VI PNOC INTERM SPACE SCI SYMP 6TH MAR DEL
PLATA ARGENTINA 11-19 MAY 1965 R L SMITH-ROSE CO WASH DC
SPANTAN 1966
BY MAYNES R C
CRADDOCK W L
CLAYTON D D
DAR ACCESS NO.....016670-004
DOC NUMBER.....AD652029
INSTN...AF-AFOSR-0830-05
PROJECT/TASK.....9751/02

AFOSR 67-1096
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE SOLAR LINE AT WAVELENGTH 8600 ANGSTROMS INTERPRETED AS CN
ASTROPHYS J V147 N1 PP303-304 JAN 1967
BY SCHADEE A
DAR ACCESS NO.....000581-020
DOC NUMBER.....AD652533
INSTN...AF-A9/630/01323
PROJECT/TASK.....9774/01

AFOSR 67-1097
UNIVERSITY OF CALIFORNIA
T MATHIE AND PHASE SHIFTS IN SOLID-STATE SCATTERING
ORY
PHYS REV V154 N2 PP518-521 10 FEB 1967
BY CALLAWAY J
DAR ACCESS NO.....009061-013
DOC NUMBER.....AD652030
INSTN...AF-AFOSR-0523-64
PROJECT/TASK.....9763/02

AFOSR 67-1098
UNIVERSITA DEGLI STUDI DI NAPLES
WAVE-FIELD SOLUTION FOR NON-EQUILIBRIUM TRANSONIC FLOW
AROUND A CORNER
MECCANICA VI N1/2 J ITALIAN ASSOC THEORET APPL MECH PP45-83
1966
BY NAPOLITANO L G
DAR ACCESS NO.....000631-003
DOC NUMBER.....AD652934
INSTN...AF-A9/62/00083
PROJECT/TASK.....9761/02

AFOSR 67-1099
OXFORD UNIVERSITY
HUMAN STEM STIMULATION AND ETHOLOGICAL STUDIES ON BIRDS
FINAL REPORT FEB 1967
BY LINNEMANN M
VOELKS D M
DELIUS J D
DAR ACCESS NO.....006984-003
DOC NUMBER.....AD652507
INSTN...AF-EOAR-0017-66
PROJECT/TASK.....9777/01

AFOSR 67-1100
CLARKSON UNIVERSITY
RELATION BETWEEN ISOTHERMAL AND MIXED THIRD-ORDER ELASTIC
CONSTANTS
J APPL PHYS V38 N1 PP404-405 JAN 1967
BY HOWELL B F
SKUFF M J
DAR ACCESS NO.....012471-003
DOC NUMBER.....AD652632
INSTN...AF-AFOSR-0180-65
PROJECT/TASK.....9763/02

AFOSR 67-1101
UNIVERSITY OF OXFORD
WAVES IN BOUNDED PLASMAS FINAL REPORT MARCH 1967
BY MERRY D M
DAR ACCESS NO.....014310-001
DOC NUMBER.....AD652505
INSTN...AF-01/05770714
PROJECT/TASK.....9752/01

AFOSR 67-1102
CLERSON UNIVERSITY
SYMMETRY OF MIXED THIRD ORDER ELASTIC CONSTANTS
J APPL PHYS V35 N1 P404 JAN 1967
BY SHULTZ M J
PUBELL H E
DAN ACCESS NO.....012471-004
DOC NUMBER.....A0652442
INSTN...AF-AFOSR-0190-65
PROJECT/TASK.....9763702

AFOSR 67-1103
CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS
L AMBENERGIC ENDINGS AND VESICLES ISOLATED FROM PLAIN
PHARM REV VIA N1 P11 PP413-424 1966
BY MUDRANTIS E D
DAN ACCESS NO.....005774-001
DOC NUMBER.....A0652426
INSTN...AF-AFOSR-0314-64
PROJECT/TASK.....9777701

AFOSR 67-1104
UNIVERSIDAD DE BUENOS AIRES
CENTRAL CONTROL OF NUCLEONIC CONTENT IN RAT PANCREAS AND
SOMATOLACTIC GLANDS
LIFE SCI V4 N2 PP155-161 1966
BY ZIEHER L M
INALDI A P
DAN ACCESS NO.....018351-001
DOC NUMBER.....A0652427
INSTN...AF-AFOSR-0654-65
PROJECT/TASK.....9777701

AFOSR 67-1105
UNIVERSIDAD DE BUENOS AIRES
NUCLEONIC AND DOPAMINE CONTENT OF NORMAL DECATALYZED
AND UNENHANCED PANCREAS GLAND OF THE RAT
LIFE SCI V4 N2 PP149-154 1966
BY DE INALDI A P
ZIEHER L M
DAN ACCESS NO.....018351-002
DOC NUMBER.....A0652421
INSTN...AF-AFOSR-0654-65
PROJECT/TASK.....9777701

AFOSR 67-1106
UNIVERSITY OF CALIFORNIA
EMISSION FROM ACETYLENE-OXYGEN FLAMES
J CHEM PHYS V45 N1 PP346-357 1 JULY 1966
BY BECKER R M
HAYES A D
DAN ACCESS NO.....007781-007
DOC NUMBER.....A0652420
INSTN...AF-AFOSR-0007-64
PROJECT/TASK.....9760702

AFOSR 67-1107
MUTCHING STATE UNIVERSITY
THERMOELECTRIC POWER OF GERMANIUM EFFECT OF POSITIVE
PRESSURE
PHYS REV V156 N3 PP733-737 FEBRUARY 67
BY ROBINSON G M
FRIED P J
DAN ACCESS NO.....008370-002
DOC NUMBER.....A0652424
INSTN...AF-AFOSR-0314-64
PROJECT/TASK.....9763702

AFOSR 67-1108
MONTANA STATE UNIVERSITY
A MINOR ADDITION TECHNIQUE FOR ASSOCIATIVE PHENOMENA
EVALUATING ELECTRON COMPUTERS VOLUME 41 PP33-44 1966
BY YAU S S
YANG C C
DAN ACCESS NO.....011791-007
DOC NUMBER.....A0652425
INSTN...AF-AFOSR-0007-64
PROJECT/TASK.....9760701

AFOSR 67-1109
UNIVERSITY OF NORTH CAROLINA
FIBER OPTIC AND FIBER CONNECTING INSTRUMENT SYSTEMS FOR
LARGE SIGNAL NUMBERS
REV INTERN STATIST INST V4 N3 PP334-340 1966
BY HOFF R C
DAN ACCESS NO.....015670-005
DOC NUMBER.....A0652436
INSTN...AF-AFOSR-0314-64
PROJECT/TASK.....9763702

AFOSR 67-1111
NEW YORK UNIVERSITY
EXPERIMENTAL STUDIES IN ATOMIC HYDROGEN RECOMBINATION AT
GLASS AND QUARTZ SURFACES FINAL REPORT MARCH 1967
BY MANDEL A
SALOM A
DAN ACCESS NO.....007033-001
DOC NUMBER.....A0652431
INSTN...AF-AFOSR-0122-64
PROJECT/TASK.....9763701

AFOSR 67-1112
UNIVERSITY CHICAGO
MICROWAVE STUDIES OF IONIZATION PHENOMENA IN GASEOUS
DISCHARGES FINAL REPORT MARCH 1967
BY STETSON R C
DAN ACCESS NO.....012201-000
DOC NUMBER.....A0652501
INSTN...AF-AFOSR-0000-65
PROJECT/TASK.....9763701

AFOSR 67-1113
NORTH AMERICAN AVIATION INC
FURTHER RESEARCH ON OPTICAL TRANSMISSION LINES
BY SHAW C B JR
FRENCH J T
WANNER C III
DAN ACCESS NO.....016520-003
DOC NUMBER.....A0652501
INSTN...AF-AFOSR-0110-64
PROJECT/TASK.....9768700

AFOSR 67-1114
CORNELL UNIVERSITY
RESEARCH IN OPTICAL COHERENCE FINAL REPORT JAN 1967
BY DRAKE F D
DAN ACCESS NO.....500800-035
DOC NUMBER.....A0652506
INSTN...AF-AFOSR-0110-64
PROJECT/TASK.....2838700

AFOSR 67-1115
UNIVERSITY OF TEXAS
TEXAS BIENNIAL OF ELECTRONICS RESEARCH AND 5 FINAL REPORT
MAY 1967
BY DRUGAL A A
DAN ACCESS NO.....016524-024
INSTN...AF-AFOSR-0766-67
PROJECT/TASK.....4751700

AFOSR 67-1116
UNIVERSITY OF SOUTHERN CALIFORNIA
RESEARCH IN OPTICAL COHERENCE FINAL REPORT DEC 1966
BY MACMILLAN W S
YOUNG G D
ANNETT J D
DAN ACCESS NO.....012363-001
DOC NUMBER.....A0652631
INSTN...AF-AFOSR-0116-66
PROJECT/TASK.....9768702

AFOSR 67-1117
NEW YORK STATE UNIV RESEARCH FOUNDATION
ELECTROCHEMICAL BEHAVIOR OF METALS AS STIMULUS ELECTRODES
J ELECTROCHEM RES V1 PP27-31 1967
BY LEVINE S N
DAN ACCESS NO.....019471-001
DOC NUMBER.....A0653082
INSTN...AF-AFOSR-0667-65
PROJECT/TASK.....9749701

AFOSR 67-1118
POLYTECHNIC INSTITUTE OF URSOKIYA
HYPERSONIC VISCOUS FLOW OVER SLIM BODIES HAVING SHARP
LEADING EDGES
FINAL REPORT NOV 1966 MAY 1967
BY NUDMAN S
NUDMAN S G
DAN ACCESS NO.....019521-005
DOC NUMBER.....A0655076
INSTN...AF-AFOSR-0163-63
PROJECT/TASK.....9761701

AFOSR 67-1119
UNIVERSITY OF CALIFORNIA
THE MANGANESE STEAM 53 THERMAL ANALYSIS
ASTROPHYS J V145 PP153-173 JUL 66
BY AUER L H
MILALAS D
ALLEN L R
MOSE J E
DAN ACCESS NO.....011691-007
DOC NUMBER.....A0652638
INSTN...AF-AFOSR-0003-65
PROJECT/TASK.....9774701

AFOSR 67-1120
UNION UNIVERSITY
CLOSED FORM FOR THE PERTURBATION TERMS OF THE LINEAR
SCHRÖDINGER EQUATION
PHYS FLUIDS V4 N11 PP2297-2298 NOV 66
BY KATHLEEN J
SINGEL A
DAN ACCESS NO.....002033-004
DOC NUMBER.....A0652440
INSTN...AF-AFOSR-0057-68
PROJECT/TASK.....9767701

AFOSR 67-1121
CALIFORNIA INSTITUTE OF TECHNOLOGY
NEW ZEALAND THEORETICAL INDICATORS IN STELLAR SPECTRA
ASTROPHYS J V145 N1 PP414-451 MAR 66
BY WELCH A A
DAN ACCESS NO.....000581-021
DOC NUMBER.....A0652428
INSTN...AF-AFOSR-0137-64
PROJECT/TASK.....9774701

AFOSR 67-1122
INSTITUTE FOR ADVANCED STUDY
ARITHMETIC CLASSIFICATION OF A HILSON CLASS OF SETS
Z J NUMBER
C B ACAD SCI PARIS V244 PP192-193 23 JAN 67
BY MALLIAVIN P
MALLIAVIN-DUMASSET M M
DAN ACCESS NO.....021610-002
DOC NUMBER.....A0652558
INSTN...AF-AFOSR-1071-66
PROJECT/TASK.....9749702

AFOSR 67-1124
TECHNICAL RESEARCH GROUP INC
LASER OSCILLATION IN ATOMIC C1 IN MCI GAS DISCHARGES
APPL PHYS LETTERS V8 N6 PP150-151 15 MAR 68
BY JARMETT S M
NUMER J
GOULD G
OAR ACCESS NO.....004791-005
DOC NUMBER.....AD682749
INSTR...AF-69/038/0133
PROJECT/TASK.....0768

AFOSR 67-1125
COLUMBIA UNIVERSITY
ON THE DECELERATION OF METAGALACTIC CLOUDS IN THE GALAXY
MODO CIRENTO SPR X V45 PP252-253 11 OCT 1966
BY PUPPI G
SETTI G
WOLTER L
OAR ACCESS NO.....019290-007
DOC NUMBER.....AD652761
INSTR...AF-69/038/0135
PROJECT/TASK.....0774/61

AFOSR 67-1126
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
NONLINEAR MAGNETO-OPTICS OF ELECTRONS AND HOLES IN
SEMICONDUCTORS AND SEMIMETALS
PHYS REV LETTERS V18 N12 PP 462-464 20 MAR 1967
BY LAX N
ZAWADZKI W
WEILFEN M
OAR ACCESS NO.....007912-001
DOC NUMBER.....AD652770
INSTR...F44620-07-C-0047
PROJECT/TASK.....0764/01

AFOSR 67-1127
UNIVERSITA DEGLI STUDI DI MILAN
LATTICE DYNAMICS AND THERMAL PROPERTIES OF LITHIUM HYDRIDE
AND LITHIUM DIUTERIDE CRYSTALS
SOLID STATE COMMUN V5 N2 PP101-104 1967
BY HENDECK G
OAR ACCESS NO.....015160-002
DOC NUMBER.....AD652551
INSTR...AF-69/038-0005-05
PROJECT/TASK.....0761/01

AFOSR 67-1128
UNIVERSITY OF OKLAHOMA
3,3-TRIFLUOROPROPYNE COMPLEXES
INORG NUCL CHEM LETTERS V7 N9 PP247-249 1966
BY HANDBOURNE D A
ROSEVEAR D T
STONE F G A
OAR ACCESS NO.....015340-001
DOC NUMBER.....AD652771
INSTR...AF-61/052/0047
PROJECT/TASK.....0710/02

AFOSR 67-1129
UNIVERSITY OF WISCONSIN
EFFECT OF IMPRISONMENT OF RADIATION IN SODIUM VAPOR ON
THE MEASURED LIFETIME OF THE 3 SUPER 2P STATES
PHYS REV V153 N1 PP9-12 6 JAN 67
BY KIBULE H P
COFFEY G
KRAUSE L
OAR ACCESS NO.....011112-008
DOC NUMBER.....AD152557
INSTR...AF-69/038-0005-05
PROJECT/TASK.....0767/02

AFOSR 67-1130
CORNELL UNIVERSITY
SPECTRUM OF JC27.3
NATURE V217 N5061 PP461-463 29 OCT 1966
BY HAZARD C
GALKER S
GRAY A D
OAR ACCESS NO.....900080-036
DOC NUMBER.....AD652757
INSTR...AF-69/038/0115
PROJECT/TASK.....0836/00

AFOSR 67-1131
NONLINEAR SYSTEMS UNIVERSITY
PATTERN RECOGNITION BY USING AN ASSOCIATIVE MEMORY
IEEE TRANS ELECTRON COMPUTERS VEC-15 NO PP 944-947 DEC 66
BY YAU S S
YANG C C
OAR ACCESS NO.....011741-010
DOC NUMBER.....AD650667
INSTR...AF-69/038-0005-05
PROJECT/TASK.....0766/01

AFOSR 67-1132
UNIVERSITY OF WISCONSIN
QUANTUM THEORY OF DYNIC MAGNETORESISTANCE
J PHYS MFM SOLIDS V9A PP607-614 1967
BY CHEN C C
FUSITA S
OAR ACCESS NO.....016450-005
DOC NUMBER.....AD652542
INSTR...AF-69/038-0005-05
PROJECT/TASK.....0761/01

AFOSR 67-1133
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MALONITRILE-METAL COMPOUNDS & THE REACTION OF
ORGANOSILICON ORGANOTRIMETHYL AND ORGANOTIN HYDRIDES WITH
PHENYLTRIMETHYLPHOSPHINE COMPOUNDS
J ORGANOMETAL CHEM V7 PP405-413 1967
BY SEYFARTH D
HUMLEIGH J M
BERTOZZO M
SIMMONS H D
OAR ACCESS NO.....0164231-012
DOC NUMBER.....AD652720
INSTR...AF-69/038-0005-05
PROJECT/TASK.....0767/01

AFOSR 67-1134
UNIVERSITY OF CALIFORNIA
STUDIES IN STELLAR EVOLUTION V TRANSPORT COEFFICIENTS OF
DEGENERATE STELLAR MATTER
ASTROPHYS J V146 N3 PP858-870 DEC 66
BY MURRAY W B
OAR ACCESS NO.....004982-015
DOC NUMBER.....AD652555
INSTR...AF-69/038-0171-63
PROJECT/TASK.....0774/01

AFOSR 67-1135
UNIVERSITY OF CAMBRIDGE
HERMITIAN ANALYTICITY AND S-MATRIX SINGULARITY STRUCTURE
J MATH PHYS V7 N12 PP2230-2234 DEC 66
BY POLKINGHORNE J C
OAR ACCESS NO.....013011-012
DOC NUMBER.....AD652548
INSTR...AF-69/038-0005-05
PROJECT/TASK.....0761/01

AFOSR 67-1136
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
100 KHZ MODULATED 35 GHZ REFLECTION-CAVITY SPECTROMETER WITH
PHASE-LOCK OF THE REFERENCE SIGNAL AND LOW FREQUENCY FIELD
MODULATION
REV SCI INSTR V38 N3 PP 339-347 MAR 1967
BY PHADCAUDE M C
OAR ACCESS NO.....007911-105
DOC NUMBER.....AD652770
INSTR...AF-69/038/01468
PROJECT/TASK.....0764/00

AFOSR 67-1137
UNIVERSITY OF CONNECTICUT
Q-STRUCTURE AND K-SHELL VACANCIES IN He/He-NE COLLISIONS AT
150 TO 400 KEV
PHYS REV LETTERS V18 N26 PP149-151 27 JUN 1966
BY KESSEL Q C
MC CAUGHEY M C
EVERHART E
OAR ACCESS NO.....016640-005
DOC NUMBER.....AD652548
INSTR...AF-69/038-0005-05
PROJECT/TASK.....0767/02

AFOSR 67-1138
UNIVERSITY OF CONNECTICUT
COINCIDENCE MEASUREMENTS IN He/He-NE COLLISIONS
PHYS REV V153 N1 PP57-61 5 JAN 67
BY KESSEL Q C
MC CAUGHEY M C
EVERHART E
OAR ACCESS NO.....016640-006
DOC NUMBER.....AD652547
INSTR...AF-69/038-0005-05
PROJECT/TASK.....0767/02

AFOSR 67-1139
AVCO CORP
THORIA SINGLE CRYSTALS GROWN BY VAPOR DEPOSITION IN A SOLAR
FURNACE
J PHYS CHEM SOLIDS V28 PP313-314 1967
BY LASZLO T S
SHEPHERD M J
GANNON R F
OAR ACCESS NO.....012800-002
DOC NUMBER.....AD652752
INSTR...AF-69/038/01186
PROJECT/TASK.....0763/01

AFOSR 67-1140
UNIVERSITY OF HAWAII
SOLVATION OF EXTRACTED COMPLEX METAL ACIDS III THE HPSUBCL4
DIETHYL ETHER SYSTEM
J AM CHEM SOC V89 N3 PP486-489 -1 FEB 1967
BY MYERS D A
MC DONALD H J
OAR ACCESS NO.....011831-001
DOC NUMBER.....AD652756
INSTR...AF-69/038-0005-05
PROJECT/TASK.....0710/02

AFOSR 67-1141
CORNELL UNIVERSITY
ATOMIC READJUSTMENT TO AN INNER-SHELL VACANCY MANGANESE
POTASSIUM X-RAY EMISSION SPECTRA FROM AN IONIC 55 POTASSIUM-
CAPTURE SOURCE AND FROM THE BULK METAL
PHYS REV V154 N1 PP118-123 5 FEB 67
BY SCHNIGGEN H W
OAR ACCESS NO.....002761-011
DOC NUMBER.....AD652754
INSTR...AF-69/038/00402
PROJECT/TASK.....0761/03

AFOSR 67-1142
UNIVERSITY OF CALIFORNIA
CHARACTERISTICS OF PHOTOIONIZATION PLASMA SOURCE
REV SCI INSTR V38 N2 PP251-252 FEB 67
BY HYMAN J J
MACKENZIE K H
OAR ACCESS NO.....018381-001
INSTR...AF-69/038-0005-05
PROJECT/TASK.....0767/03

AFOSR 67-1143
UNIVERSITY OF ROCHESTER
INDUCED ABSORPTION IN PURC KCl AND CAPSULE
SOLID STATE COMMUN V4 PP645-647 1966
BY PANIZZA P
HEGENSHURGEN P J
OAR ACCESS NO.....013771-003
DOC NUMBER.....AD652554
INSTR...AF-69/038-0005-05
PROJECT/TASK.....0767/02

AFOSR 67-1144
DEPARTMENT OF PHYSICS
INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND
MOLECULES I SENSITIZED FLUORESCENCE AND QUENCHING IN CS-
MSUB2 AND CS-HSUB2 SYSTEMS
PHYS REV V153 N1 PP44-50 5 JAN 67
BY MCGILLIS O A
KRAUSE L
OAR ACCESS NO.....011112-009
DOC NUMBER.....AD652549
INSTR...AF-AFOSR-0361-05
PROJECT/TASK.....9767/02

AFOSR 67-1145
HARVARD UNIVERSITY
PARTICLES AND SOURCES
PHYS REV V152 N4 PP1719-1226 DEC 1966
BY SCHWINGEN J
OAR ACCESS NO.....004861-031
DOC NUMBER.....AD652750
INSTR...AF-49/638/0130
PROJECT/TASK.....9751/01

AFOSR 67-1146
CASE INSTITUTE OF TECHNOLOGY
ELECTRONIC STRUCTURE AND GROUND STATE OF SCANDIUM
MONOFLUORIDE
J CHEM PHYS V46 N1 PP35-46 1 JAN 1967
BY CARLSON K O
OAR ACCESS NO.....020160-001
DOC NUMBER.....AD652563
INSTR...AF-AFOSR-1030-66
PROJECT/TASK.....9760/01

AFOSR 67-1147
COLUMBIA UNIVERSITY
SYNCHROTRON RADIATION OF NEUTRINOS AND ITS ASTROPHYSICAL
SIGNIFICANCE
PHYS REV V153 N5 PP1372-1377 25 JAN 1967
BY LANDSTREIT J D
OAR ACCESS NO.....019270-008
DOC NUMBER.....AD652753
INSTR...AF-44/638/01358
PROJECT/TASK.....9774/01

AFOSR 67-1148
UNIVERSITY OF CALIFORNIA
OSCILLATIONS OF SCATTERING AMPLITUDES AT HIGH ENERGY
NUOVO CIMENTO SERA V47 PP817-821 FEB 1967
BY EDEN R J
LUKASZUK L
OAR ACCESS NO.....013011-013
DOC NUMBER.....AD652548
INSTR...AF-EDAR-0036-05
PROJECT/TASK.....4751/01

AFOSR 67-1149
UNIVERSITY OF CALIFORNIA
THE METHOD FOR ABUNDANCE ANALYSIS PART III. ON THE CURVE
OF-GROWTH METHOD
ASTRONOMICAL PAPERS V4 N19 PP49-111 INTERN ASTRON UNION SYMP
N26 UTRECHT NETHERLANDS 1964
BY ALLEN L M
OAR ACCESS NO.....011600-006
DOC NUMBER.....AD652568
INSTR...AF-AFOSR-008J-63
PROJECT/TASK.....9774/01

AFOSR 67-1150
YALE UNIVERSITY
MECHANISM OF POLARIZED LIGHT PERCEPTION
SCIENCE V154 N3748 PP667-475 20 OCT 1966
BY WATERMAN T M
HINCH R B
OAR ACCESS NO.....021650-001
DOC NUMBER.....AD652561
INSTR...AF-AFOSR-1004-65
PROJECT/TASK.....9777/01

AFOSR 67-1151
UNIVERSITY OF ILLINOIS
THE SPATIAL VARIATION OF THE JONAS-FERMI POTENTIALS IN P-N
JUNCTIONS
IEEE TRANS VLEC DEVICE VLD-13 N12 PP839-844 DEC 1966
BY SAM F T
OAR ACCESS NO.....007112-012
DOC NUMBER.....AD652562
INSTR...AF-AFOSR-0716-65
PROJECT/TASK.....9763/02

AFOSR 67-1152
YISHIVA UNIVERSITY
STATISTICAL MECHANICS OF FINITE SYSTEMS ASYMPTOTIC
EXPANSIONS I SUBMITT CANONICAL ENSEMBLES- IN V T AND N
P T SYSTEMS
J MATH PHYS V7 N11 PP 2261-2270 DEC 66
BY MORRIS G
OAR ACCESS NO.....005033-004
DOC NUMBER.....AD652562
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9767/01

AFOSR 67-1153
UNIVERSITY OF SOUTHERN CALIFORNIA
OPTIMUM PROPULSION OF AN OSCILLATING HYDROFOIL
IEEE TRANS AUTU CONTR VAC-11 N4 PP485-491 OCT 1966
BY WANG P K C
OAR ACCESS NO.....014491-027
DOC NUMBER.....AD652564
INSTR...AF-AFOSR-04-65
PROJECT/TASK.....9761/00

AFOSR 67-1154
INDIANA UNIVERSITY
SCHE NEW RELATIONS CONNECTING MOLECULAR PROPERTIES AND
ELECTRON AND X-RAY DIFFRACTION INTENSITIES
J PHYS CHEM V71 N4 PP866-862 MAR 1967
BY BONHAM H A
OAR ACCESS NO.....010651-020
DOC NUMBER.....AD652556
INSTR...AF-AFOSR-0602-64
PROJECT/TASK.....9760/02

AFOSR 67-1155
UNIVERSITY OF ROCHESTER
TRAPPED EXCITON STATES IN THE ALKALI HALIDES
J PHYS CHEM SOLIDS V27 PP943-946 1966
BY BALDINI G
TERGAARDEN K J
OAR ACCESS NO.....013771-004
DOC NUMBER.....AD652553
INSTR...AF-AFOSR-0236-65
PROJECT/TASK.....9767/02

AFOSR 67-1156
NORTH AMERICAN AVIATION INC
ANNULAR FLOW NOZ DEVICE USING POTASSIUM GAS FINAL REPORT
APRIL 1966
BY GUERJAHN C A
OAR ACCESS NO.....013111-001
DOC NUMBER.....AD652554
INSTR...AF-49/638/01576
PROJECT/TASK.....9752/01

AFOSR 67-1157
HENRIK UNIVERSITY
CORRELATES OF AMBIVALENCE RISK-TAKING AND RIGIDITY FINAL
REPORT MARCH 1967
BY MINKOWICH A
OAR ACCESS NO.....013232-001
DOC NUMBER.....AD652555
INSTR...AF-EDAR-0032-65
PROJECT/TASK.....9778/01

AFOSR 67-1158
CASE INSTITUTE OF TECHNOLOGY
STAGE II WORK HARDENING IN CRYSTALS
CAN J PHYS V45 PP663-706 1967
BY FIRSCH P H
MITCHELL T F
OAR ACCESS NO.....016580-002
INSTR...AF-AFOSR-0829-65
PROJECT/TASK.....9763/01

AFOSR 67-1159
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
THE MECHANICS OF REPEATED DISCONTINUOUS YIELDING OF METALS
MIL REPORT NO 6 MARCH 1967
BY RODNER S R
OAR ACCESS NO.....022230-005
DOC NUMBER.....AD652240
INSTR...AF-01/052/00251
PROJECT/TASK.....9742/02

AFOSR 67-1160
AVCO EVERETT RESEARCH LABORATORY
PLASMA WIND TUNNEL STUDIES OF COLLISION FREE FLOWS AND
SHOCKS
RESEARCH REPORT 26R APRIL 1967
BY PUGH F
PATRICK H
OAR ACCESS NO.....002272-006
DOC NUMBER.....AD652091
INSTR...AF-49/638/01803
PROJECT/TASK.....9752/01

AFOSR 67-1161
TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY
THE PHYSICAL TENSOR AND APPLICATION FINAL REPORT FEB 1967
BY ZVI K
OAR ACCESS NO.....011063-001
DOC NUMBER.....AD652678
INSTR...AF-EDAR-0019-66
PROJECT/TASK.....9749/01

AFOSR 67-1162
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE SPIN POLARIZED HARTREE-FOCK METHOD AND THE CONTRIBUTION
OF COM POLARIZATION TO HYPERFINE FIELDS OF 40 IONS
COLLOID INTERN CENTRE NATL RECH SCI N164 PARIS 20-24 JUN 66
1967
BY FREEMAN A J
BAGUS P
WATSON H E
OAR ACCESS NO.....007011-106
DOC NUMBER.....AD652756
INSTR...AF-49/638/01408
PROJECT/TASK.....9764/01

AFOSR 67-1163
UNIVERSITY OF MINNESOTA
A PHYSICO-CHEMICAL BASIS FOR PATTERN AND RHYTHM
INTRACELLULAR TRANSPORT BY ACADEMIC PRESS INC 1968
BY GATRO J I
SCHIEVEN L E
OAR ACCESS NO.....013340-006
DOC NUMBER.....AD652550
INSTR...AF-AFOSR-0214-63
PROJECT/TASK.....9767/01

AFOSR 67-1166
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SOLUTION OF THE TRANSONIC AIRFOIL PROBLEM THROUGH
PARAMETRIC DIFFERENTIATION
AIAA J V5 N3 PP 470-479 1967
BY MUMFERT P E
LANDAU M T
DAR ACCESS NO.....001394-003
DOC NUMBER.....AD652559
INSTR...AF-AFOSR-0156-65
PROJECT/TASK.....9781/02

AFOSR 67-1167
UNIVERSITY OF MICHIGAN
THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE FINAL
REPORT MAY 1967
BY HARARY F
DAR ACCESS NO.....014960-006
DOC NUMBER.....AD653226
INSTR...AF-AFOSR-0758-65
PROJECT/TASK.....9749/01

AFOSR 67-1168
TEXAS A&M UNIVERSITY
ELECTRIC FIELD GRADIENT AT THE OFUTERON SITE IN LIQUID
OCL
PHYS LETTERS V24A N1 PP59-60 2 JAN 1967
BY BOEHME H
EISNER M
DAR ACCESS NO.....0021113-003
DOC NUMBER.....AD652492
INSTR...AF-AFOSR-0173-65
PROJECT/TASK.....9747/01

AFOSR 67-1169
YALE UNIVERSITY
THEORY OF PLASMA RADIATION I MATHEMATICAL DEVELOPMENT
INTERM CINE PHENOMENA IONIZED GASES 7TH V2 PP9-11 MFGRAAD
1960
BY MARGENAU H
MALLUZZI P
DAR ACCESS NO.....009121-003
DOC NUMBER.....AD652499
INSTR...AF-AFOSR-0443-65
PROJECT/TASK.....9767/02

AFOSR 67-1170
UNIVERSITY OF TEXAS
A REFERENCE CIRCUIT USEFUL IN INTEGRATING BETWEEN ACTIVITY
SPHERES
AIAA J V5 N3 PP594-500 MAR 67
BY FLANK H H
MARTINELL J G
DAR ACCESS NO.....015201-052
DOC NUMBER.....AD653053
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....9751/00

AFOSR 67-1171
UNIVERSITY OF ILLINOIS
SELF-DIFFUSION IN NEAR-EQUILIBRIUM ORDERED GILD-CADMIUM
ALLOYS
PHYS REV V153 N3 PP463-472 15 JAN 1967
BY GUPTA D
LAZARUS D
LICHTENMAN D S
DAR ACCESS NO.....018010-001
DOC NUMBER.....AD653058
INSTR...AF-AFOSR-0900-65
PROJECT/TASK.....9763/01

AFOSR 67-1172
COLUMBIA UNIVERSITY
GRAVITATIONAL RADIATION FROM NEUTRON STARS
ASTROPHYS J V147 N2 PP664-671 FEB 1967
BY CHAU W T
DAR ACCESS NO.....019290-004
DOC NUMBER.....AD653068
INSTR...AF-AFOSR-0347-65
PROJECT/TASK.....9774/01

AFOSR 67-1173
CORNELL UNIVERSITY
LOW-ENERGY ELECTRON DIFFRACTION STUDIES OF EPITAXIAL GROWTH
OF SILVER AND GOLD IN ULTRAHIGH VACUUM
APPL PHYS LETTERS V10 N6 PP122-124 15 FEB 67
BY PALMBERG P W
MHOEN F N
TODD C J
DAR ACCESS NO.....017040-002
DOC NUMBER.....AD653059
INSTR...AF-AFOSR-0876-65
PROJECT/TASK.....9761/01

AFOSR 67-1174
CALIFORNIA INSTITUTE OF TECHNOLOGY
NUCLEAR POWERS IN COMETS
INTERM COLL U LTGE 9-7 JUL 1965 BELGIUM
BY GINTERSTEIN J L
DAR ACCESS NO.....000581-022
DOC NUMBER.....AD653067
INSTR...AF-AFOSR-0936/0133
PROJECT/TASK.....9774/01

AFOSR 67-1175
UNIVERSITY OF TEXAS
ON ANIONIC PLASMA TRANSPORT IN H F DISCHARGES
PHYS LETTERS V24A N4 PP227-221 13 FEB 1967
BY WELF P J
MUMFERT P E
DAR ACCESS NO.....015281-053
DOC NUMBER.....AD653058
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....9751/00

AFOSR 67-1176
HARVARD UNIVERSITY
CONSISTENCY OF CURRENT COMMUTATION RELATIONS AND RELATED
CONSIDERATIONS
NUOVO CIMENTO SER X V46 PP364-369 21 NOV 66
BY CHANG S J
NIEH M T
VAN T M
DAR ACCESS NO.....004861-070
DOC NUMBER.....AD653047
INSTR...AF-AFOSR-01380
PROJECT/TASK.....9751/01

AFOSR 67-1177
VANDEBILT UNIVERSITY
SPECTROGRAPHIC MEASUREMENTS ON AN ARC DISCHARGE
J APPL PHYS V38 N1 PP 64-67 JAN 67
BY HARACH J P
DAR ACCESS NO.....013822-001
DOC NUMBER.....AD653057
INSTR...AF-AFOSR-0287-66
PROJECT/TASK.....9767/03

AFOSR 67-1178
STANFORD UNIVERSITY
OSCILLATORS MODULATORS AND MIXERS SUITABLE FOR INTEGRATED
CIRCUIT REALIZATION
PRCC IEEE V55 N3 PP436-439 MAR 1967
BY ANDERSON B D
NEW M
NEWCOMB R W
DAR ACCESS NO.....011061-019
DOC NUMBER.....AD653056
INSTR...AF-AFOSR-0337-63
PROJECT/TASK.....9749/01

AFOSR 67-1179
CONNELL UNIVERSITY
ENHANCED INTERPLANETARY SCINTILLATIONS ASSOCIATED WITH
SOLAR FLARES
NATURE V213 N5074 PP377-378 28 JAN 1967
BY SHARP L F
HARRIS D E
DAR ACCESS NO.....500080-037
DOC NUMBER.....AD653052
INSTR...AF-AFOSR-01156
PROJECT/TASK.....2438/00

AFOSR 67-1180
CONNELL AERONAUTICAL LABORATORY INC
VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS
CAL HEURQ NO AF-2022-A-2 MAY 1967
BY RICH J W
HEHN M G
DAR ACCESS NO.....000081-002
DOC NUMBER.....AD654486
INSTR...AF-AFOSR-031808
PROJECT/TASK.....9781/01

AFOSR 67-1181
CALIFORNIA INSTITUTE OF TECHNOLOGY
STRUCTURE OF LIQUIDS III AN X-RAY DIFFRACTION STUDY OF
FLUID ARGON
J CHEM PHYS V46 N4 PP 1401-1411 15 FEB 1967
BY NIKOLAJ P G
PINGS C J
DAR ACCESS NO.....014610-018
DOC NUMBER.....AD652998
INSTR...AF-AFOSR-01273
PROJECT/TASK.....9710/03

AFOSR 67-1182
CALIFORNIA INSTITUTE OF TECHNOLOGY
STRUCTURE OF LIQUIDS IV DIRECT CORRELATION FUNCTIONS
OF LIQUID ARGON
J CHEM PHYS V46 N4 PP1412-1420 15 FEB 1967
BY NIKOLAJ P G
PINGS C J
DAR ACCESS NO.....014610-019
DOC NUMBER.....AD653051
INSTR...AF-AFOSR-01273
PROJECT/TASK.....9710/03

AFOSR 67-1183
NORTHWESTERN UNIVERSITY
THE REFLECTANCE OF THE INTERMETALLIC COMPOUNDS NICKEL
ALUMINUM AND COBALT ALUMINUM
J PHYS SOC JAPAN V21 N11 PP2380-2382 NOV 1966
BY KIEWIT D A
RECHTEN J
WITTAIN J D
DAR ACCESS NO.....14050-001
DOC NUMBER.....AD653059
INSTR...AF-AFOSR-0466-64
PROJECT/TASK.....9763/02

AFOSR 67-1184
CALIFORNIA INSTITUTE OF TECHNOLOGY
ON THE ROTATIONAL TEMPERATURE OF A SUNSPOT
ASTROPHYS J V145 N1 PP349-349 JUL 66
BY SCHADEE A
DAR ACCESS NO.....000581-023
DOC NUMBER.....AD653060
INSTR...AF-AFOSR-0936/0133
PROJECT/TASK.....9774/01

AFOSR 67-1185
UNIVERSITY OF KENTUCKY
PREPARATION OF PHENYL-N-SULFINYLHYDRAZINES USING
DIMETHYLFORMAMIDE-SULFUR DIOXIDE REAGENT
TRANS KENTUCKY ACAD SCI V27 N51-2 PP37-39 1966
BY SMITH W T JR
CHEN W Y
DAR ACCESS NO.....002510-002
DOC NUMBER.....AD653045
INSTR...AF-AFOSR-00049
PROJECT/TASK.....9760/03

AFOSR 67-1186
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FAR-INFRARED LASER POWER MEASUREMENTS
PROC IEEE V55 N3 P 420 MAR 1967
BY ARANS F
BUTTON K
ALLEN C
WANG M
RUBIN L
OAR ACCESS NO.....007911-107
DOC NUMBER.....AD653046
INSTR...AF-49/638/01408
PROJECT/TASK.....9764/01

AFOSR 67-1187
UNIVERSITY OF CALIFORNIA
CODING AND ANALYSIS OF DOCUMENTARY MATERIALS FROM COMMUNIST CHINA
ASIAN SURV WP198-211 MARCH 1967
BY WONG P
OAR ACCESS NO.....020800-001
DOC NUMBER.....AD652986
INSTR...AF-AFOSR-1003-66
PROJECT/TASK.....9777/02

AFOSR 67-1188
INDIANA UNIVERSITY
ROLE OF THE INTEGRAL OPERATOR METHOD IN THE THEORY OF POTENTIAL SCATTERING
J MATH PHYS V8 N1 PP141-148 JAN 67
BY GILBERT H P
HOWARD H C
OAR ACCESS NO.....022970-002
DOC NUMBER.....AD652745
INSTR...AF-AFOSR-1206-67
PROJECT/TASK.....9749/01

AFOSR 67-1189
PRINCETON UNIVERSITY
P WAVE DIFFRACTION THEORY AND THE STRUCTURE OF THE CORE-MANTLE BOUNDARY
J GEOPHYS RES V71 N24 PP5959-5975 15 DEC 1966
BY PHINNEY R A
ALEXANDER S S
OAR ACCESS NO.....015970-001
DOC NUMBER.....AD652915
INSTR...AF-49/638/01243
PROJECT.....R652

AFOSR 67-1190
CATHOLIC UNIVERSITY OF AMERICA
ANALYTICAL METHODS IN PROBABILITY THEORY
LECTURE NOTES IN MATHEMATICS V31 SYMPOSIUM ON PROBABILITY METHODS IN ANALYSIS PP208-238 BERLIN HEIDELBERG NEW YORK SPRINGER-VERLAG 1967
BY LUKACS F
OAR ACCESS NO.....014012-001
DOC NUMBER.....AD652991
INSTR...AF-AFOSR-0437-65
PROJECT/TASK.....9749/02

AFOSR 67-1192
PRINCETON UNIVERSITY
GAUGE PROPERTIES OF THE MIKOWSKI SPACE
PHYS REV V150 N4 PP1183-1193 -28 OCT 1966
BY KASTROP H A
OAR ACCESS NO.....005123-005
DOC NUMBER.....AD652961
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 67-1193
PRINCETON UNIVERSITY
A STUDY OF THE CORE-MANTLE BOUNDARY USING P WAVE DIFFRACTED BY THE EARTH'S CORE
J GEOPHYS RES V71 N24 PP5943-5958 15 DEC 1966
BY ALEXANDER S S
PHINNEY R A
OAR ACCESS NO.....015970-002
DOC NUMBER.....AD652954
INSTR...AF-49/638/01241
PROJECT.....R652

AFOSR 67-1194
HAWAIIAN UNIVERSITY
ON GAUSSIAN MEASURES EQUIVALENT TO WIENER MEASURE II
MATH SCAND V16 P143-163 1966
BY VANBERG D E
OAR ACCESS NO.....012521-005
DOC NUMBER.....AD652770
INSTR...AF-AFOSR-0035-65
PROJECT/TASK.....9744/02

AFOSR 67-1195
PRINCETON UNIVERSITY
ANALYTICITY CONSTRAINTS ON UNEQUAL-MASS REGGE FUNCTIONS
PHYS REV V150 N4 PP1269-1275 29 OCT 66
BY GOLDBERGER M L
JONES C E
OAR ACCESS NO.....005123-006
DOC NUMBER.....AD652975
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 67-1196
YESHIVA UNIVERSITY
DYNAMICAL THEORY OF STRONG INTERACTIONS
PHYS REV V154 N4 PP1411-1424 25 FEB 1967
BY SUSSKIND L
OAR ACCESS NO.....005833-005
DOC NUMBER.....AD652970
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9767/01

AFOSR 67-1196
YESHIVA UNIVERSITY
DYNAMICAL THEORY OF STRONG INTERACTIONS
PHYS REV V154 N5 PP1411-1429 25 FEB 1967
BY SUSSKIND L
OAR ACCESS NO.....017090-004
INSTR...AF-AFOSR-0816-65
PROJECT/TASK.....9767/04

AFOSR 67-1197
STANFORD UNIVERSITY
THE MEASUREMENT OF SUPRATHRESHOLD PAIN
AM J PSYCHOL V80 PP124-126 MAR 1967
BY VOEDVODSKY J
COOPER L M
MINGAN A M
HILGARD E R
OAR ACCESS NO.....015470-004
DOC NUMBER.....AD652985
INSTR...AF-49/638/01436
PROJECT/TASK.....9779/01

AFOSR 67-1198
UNIVERSITY OF CHICAGO
THE HELIOCENTRIC INTENSITY GRADIENTS OF COSMIC-RAY PROTONS AND HELIUM DURING MINIMUM SOLAR MODULATION
ASTROPHYS J V147 N2 PP817-827 FEB 1967
BY OGALLAGHER J J
SIMPSON J A
OAR ACCESS NO.....000625-003
DOC NUMBER.....AD653240
INSTR...AF-49/638/01642
PROJECT/TASK.....9751/04

AFOSR 67-1199
UNIVERSITY OF CHICAGO
SPATIAL DISTRIBUTION OF ENERGETIC ELECTRONS IN THE GEOMAGNETIC TAIL
J GEOPHYS RES V71 N23 PP5547-5557
BY MURAYAMA T
OAR ACCESS NO.....000625-004
DOC NUMBER.....AD652950
INSTR...AF-49/638/01642
PROJECT/TASK.....9751/04

AFOSR 67-1200
INSTITUTO GEOGRAFICO Y CATASTRAL
THE SEISMIC MAGNITUDE AND THE COEFFICIENT OF ABSORPTION IN THE IBERIAN PENINSULA REGION /SPANISH/
MIV GEOPIS V24 N96 PP313-328 OCT-DEC 1966
BY MUNUEHA J M
OAR ACCESS NO.....015960-012
DOC NUMBER.....AD652971
INSTR...AF-61/052/00657
PROJECT/TASK.....R652/00

AFOSR 67-1201
TEXAS INSTRUMENTS INCORPORATED
NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY-WAVE NUMBER SPECTRA OF SEISMIC EVENTS USING LINEAR ARRAYS
MULL SEIS SOC AM V56 No PP1337-1355 DEC 1966
BY LINVILLE A F
LASTER S J
OAR ACCESS NO.....016020-002
DOC NUMBER.....AD652973
INSTR...AF-49/638/01244
PROJECT.....R652

AFOSR 67-1202
UNIVERSITY OF SOUTHERN CALIFORNIA
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS II APPLICATIONS
J SIAM CONTROL V5 N1 1967
BY NEUSTADT L W
OAR ACCESS NO.....019740-005
DOC NUMBER.....AD652983
INSTR...AF-AFOSR-1024-66
PROJECT/TASK.....9749/01

AFOSR 67-1203
TEXAS INSTRUMENTS INCORPORATED
PARAMAGNETIC-RESONANCE STUDY OF THE DYNAMIC JAHN-TELLER EFFECT IN CALCIUM FLUORIDE SCANDIUM TWO PLUS AND THORIUM FLUORIDE TWO PLUS
PHYS REV LETTERS V18 N4 PP128-130 23 JAN 67
BY HOCHLE U T
ESTLE T L
OAR ACCESS NO.....014480-008
DOC NUMBER.....AD652956
INSTR...AF-49/638/01250
PROJECT/TASK.....9763/02

AFOSR 67-1204
UNIVERSITY OF CHICAGO
GALACTIC DEUTERIUM AND ITS ENERGY SPECTRUM ABOVE TWENTY MILLION ELECTRON VOLTS PER NUCLEON
PHYS REV LETTERS V17 N6 PP129-133 8 AUG 1966
BY FAN C Y
GLOCKLER G
SIMPSON J A
OAR ACCESS NO.....000625-005
DOC NUMBER.....AD652949
INSTR...AF-49/638/01642
PROJECT/TASK.....9751/04

AFOSR 67-1205
GEORGE WASHINGTON UNIVERSITY
ON TESTING CORRELATION TECHNIQUES
APPL STATIST V16 N1 1967
BY KULLBACK S
OAR ACCESS NO.....018120-004
DOC NUMBER.....AD652987
INSTR...AF-AFOSR-0932-65
PROJECT/TASK.....9749/02

AFOSR 67-1206
STANFORD UNIVERSITY
UNPERTURBED DIMENSIONS OF POLYCATENASULPHUR AND
POLYCATENASELENIUM
TRANS FARADAY SOC V63 N531 P13 PP743-753 MAR 1967
BY SEMLYEN J A
OAR ACCESS NO.....010391-033
DOC NUMBER.....A0652960
INSTR...AF-447618/01341
PROJECT/TASK.....9760/03

AFOSR 67-1207
OHIO STATE UNIV RESEARCH FOUNDATION
MANTHEE-FOCK APPROXIMATION TO THE HEISENBERG
ANTIFERROMAGNET
PHYS REV V160 N1 PP299-301 5 AUG 65
BY SUNG C C
OAR ACCESS NO.....017030-001
DOC NUMBER.....A0652784
INSTR...AF-447618/01341
PROJECT/TASK.....1970/00

AFOSR 67-1208
WEIZMANN INSTITUTE OF SCIENCE
BIOLOGICAL SIGNIFICANCE OF HIGH MOLECULAR WEIGHT
POLYPEPTIDES FINAL REPORT JUNE 1967
BY KATMAISKE E
OAR ACCESS NO.....007002-009
DOC NUMBER.....A0652361
INSTR...AF-447618/01341
PROJECT/TASK.....9777/01

AFOSR 67-1209
UNIVERSITY OF MINNESOTA
HYDRATION OF IONS IN ACETONITRILE
J AM CHEM SOC V89 N7 PP1542-1586 29 MAR 67
BY CHANTIGNI M K JR
KOLTHOFF I W
OAR ACCESS NO.....012230-005
DOC NUMBER.....A0652994
INSTR...AF-447618/01341
PROJECT/TASK.....9710/03

AFOSR 67-1210
UNIVERSITY OF MINNESOTA
POLAR SETS AND REMOVAL SINGULARITIES OF PARTIAL
DIFFERENTIAL EQUATIONS
ARKIV MAT V7 N1 PP1-V 1967
BY LITMAN W
OAR ACCESS NO.....017310-012
DOC NUMBER.....A0652361
INSTR...AF-447618/01341
PROJECT/TASK.....9749/02

AFOSR 67-1211
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY OF ALPHA-URANIUM AND URANIUM COMPOUNDS AT
HIGH PRESSURE
PHYS REV V154 N2 PP309-315 10 FEB 67
BY GARDNER W E
SMITH T F
OAR ACCESS NO.....014830-044
DOC NUMBER.....A0652994
INSTR...AF-447618/01341
PROJECT/TASK.....9761/02

AFOSR 67-1212
UNIVERSITY OF CHICAGO
ANISOTROPIC PROPAGATION OF SOLAR PROTONS DEDUCED FROM
SIMULTANEOUS OBSERVATIONS BY EARTH SATELLITES AND THE
PARTIAL-IV SPACEL PROBE
PHYS REV LETTERS VIA N26 PP1212-1217 27 JUN 1968
BY GALLAGHER J J
SIMMONS J A
OAR ACCESS NO.....000625-006
DOC NUMBER.....A0652994
INSTR...AF-447618/01341
PROJECT/TASK.....9751/04

AFOSR 67-1213
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY OF LANTHANUM AND LANTHANUM COMPOUNDS AT
ZERO AND HIGH PRESSURE
J PHYS CHEM SOLIDS V28 PP669-676 1967
BY SMITH T F
LUD M L
OAR ACCESS NO.....010430-050
DOC NUMBER.....A0652994
INSTR...AF-447618/01341
PROJECT/TASK.....5763/02

AFOSR 67-1215
FRANKLIN INSTITUTE
A GAMMA RAY DETECTING SYSTEM FINAL REPORT MAY 1967
BY VAN PATTER D M
HINCHESON P F
OAR ACCESS NO.....007210-001
DOC NUMBER.....A0652994
INSTR...AF-447618/01341
PROJECT/TASK.....9751/02

AFOSR 67-1216
CONNELL UNIVERSITY
SURFACE EFFECTS IN SEED COMBUSTION PRODUCTS APPROPRIATIONS
OF A SPECIALISTS MEETING AGARD COMBUSTION AND ENERGETICS
PANEL UNIVERSITY OF PISA PISA ITALY 6-10 SEPTEMBER 1965
BY TUCOTTE D L
OAR ACCESS NO.....001067-000
DOC NUMBER.....A0652994
INSTR...AF-447618/01341
PROJECT/TASK.....7833/02

AFOSR 67-1218
UNIVERSITY OF MASSACHUSETTS
POLARIZATION OF LIGHT FROM ELECTRON-HELIUM COLLISIONS
PHYS REV V153 N1 PP152-156 5 JAN 67
BY SOLTYSIK E A
FOURNIER A Y
GWAY R L
OAR ACCESS NO.....013320-002
DOC NUMBER.....A0653307
INSTR...AF-447618/01341
PROJECT/TASK.....9767/01

AFOSR 67-1221
YALE UNIVERSITY
FINE STRUCTURE OF FOURTH ENERGY LEVELS OF SINGLY IONIZED
HELIUM
PHYS REV LETTERS V16 N5 PP163-165 31 JAN 68
BY LCA K R
LEVINTHAL M
LAMB W E JR
OAR ACCESS NO.....012313-005
DOC NUMBER.....A0653299
INSTR...AF-447618/01341
PROJECT/TASK.....9767/02

AFOSR 67-1222
YALE UNIVERSITY
MEASUREMENT OF THE QUANTUM-ELECTRODYNAMIC LEVEL SHIFT IN
THE THIRD EXCITED STATE OF SINGLY IONIZED HELIUM
PHYS REV LETTERS V15 N26 PP1013-1015 27 DEC 65
BY LEVINTHAL M
LCA K R
LAMB W E JR
OAR ACCESS NO.....012313-006
DOC NUMBER.....A0653300
INSTR...AF-447618/01341
PROJECT/TASK.....9767/02

AFOSR 67-1224
UNIVERSITY OF CALIFORNIA
LATTICE PARAMETERS OF IRON-RICH IRON-GALLIUM ALLOYS
TRANS MET SOC AIME V234 PP116-120 JAN 1967
BY LUO M L
OAR ACCESS NO.....010830-051
DOC NUMBER.....A0653304
INSTR...AF-447618/01341
PROJECT/TASK.....9763/02

AFOSR 67-1225
STANFORD UNIVERSITY
THE 9.1-CENTIMETER SPECTROHELIOGRAPH OF MAY 20 1966
J GEOPHYS RES V72 N1 PP37-38 1 JAN 67
BY BRACEWELL R N
DEUTCH J
OAR ACCESS NO.....000140-011
DOC NUMBER.....A0653352
INSTR...AF-447618/01341
PROJECT/TASK.....9767/02

AFOSR 67-1226
ENNSBRUCK UNIVERSITY
THE INFLUENCE OF FINITE ELECTRICAL CONDUCTIVITY ON THE
DEVELOPMENT OF A MAGNETICALLY DRIVEN SHOCK IN MgO-BETA
MUCH LESS THAN ONE-APPROXIMATION
J APPL MATH PHYS V18 N1 PP85-92 1967
BY FRIEDL M
OAR ACCESS NO.....013251-003
DOC NUMBER.....A0653329
INSTR...AF-447618/01341
PROJECT/TASK.....9752/01

AFOSR 67-1227
COLUMBIA UNIVERSITY
PRESSURE DERIVATIVES OF THE SOUND VELOCITIES OF
POLYCRYSTALLINE FORSTERITE WITH A PER CENT POROSITY
J GEOPHYS RES V72 N2 PP762-764 15 JAN 67
BY SCHIMMER E
ANDERSON D L
OAR ACCESS NO.....010250-011
DOC NUMBER.....A0650849
INSTR...AF-447618/01341
PROJECT/TASK.....8652/00

AFOSR 67-1228
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FREE OSCILLATIONS AFTERSHOCKS AND O
GEOPHYSICAL MONOGRAPH #10 THE EARTH BENEATH THE CONTINENTS
ED BY JOHN S STEINHAUS AND T JEFFERSON SMITH PP490-501
AMERICAN GEOPHYSICAL UNION WASHINGTON D C 1966
BY PHESS F
OAR ACCESS NO.....020510-003
DOC NUMBER.....A0653323
INSTR...AF-447618/01341

AFOSR 67-1229
POLYTECHNIC INSTITUTE OF BROOKLYN
INCLUSION - PROBABILITY - OPTICAL CONTROL
PIR444 1398-67 MAY 1967
BY VAN MULLAERT L J
OAR ACCESS NO.....001069-031
DOC NUMBER.....A0655387
INSTR...AF-447618/01341
PROJECT.....4751

AFOSR 67-1230
UNIVERSITY OF TEXAS
ANALYSIS OF DISTRIBUTED AMPLIFIER STRUCTURES
JSCC TECHNICAL REPORT NO 38 MAY 1967
BY MATSON D C
HANNOUT C U
OAR ACCESS NO.....015242-009
DOC NUMBER.....A0650880
INSTR...AF-447618/01341
PROJECT/TASK.....4751/00

AFOSR 67-1231
BATTHELL MEMORIAL INSTITUTE
EVALUATION OF SOME TRANSPORT INTEGRALS II
J APPL PHYS V37 N12 PP4364-4368 NOV 1966
BY GLASSER M L
WOOD V E
OAR ACCESS NO.....012801-004
DDC NUMBER.....AD63375
INSTR...AF-AFOSR-0260-66
PROJECT/TASK.....9761/01

AFOSR 67-1232
UNIVERSITY OF CALIFORNIA
CHEMISTRY OF POSITIVE IONS VI POSITIVE-ION CHEMISTRY IN
SOLID METHANE
J CHEM PHYS V45 N12 PP4481-4492 15 DEC 1966
BY DAVIS D R
LIBBY W F
WEINSCHEIN W G
OAR ACCESS NO.....012962-004
DDC NUMBER.....AD63381
INSTR...AF-AFOSR-0245-85
PROJECT/TASK.....9710/03

AFOSR 67-1233
UNIVERSITY OF TEXAS
HOT PLASMA IN A CYLINDRICAL WAVEGUIDE
PHYS FLUIDS V10 N2 PP424-435 FEB 1967
BY SWANSON D G
OAR ACCESS NO.....015241-054
DDC NUMBER.....AD63373
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-1234
TUFTS UNIVERSITY
COMPENSATION FOR AUDITORY RE-ARRANGEMENT IN THE ABSENCE OF
OBSERVER MOVEMENT
PERCEPTUAL MOTOR SKILLS V24 N2 PP475-478 APR 1967
BY KALIL R
FREEDMAN S J
OAR ACCESS NO.....014320-012
DDC NUMBER.....AD63358
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....9778/01

AFOSR 67-1235
UNIVERSITY OF ARIZONA
SOME EXPERIMENTAL ASPECTS OF DIFFUSION IN METALS
EXP METHODS OF MATER RES ED BY HERBERT HERMAN PP279-299
INTERSCIENCE PUB DIV JOHN WILEY & SONS NEW YORK 1967
BY TOMIZUKA C Y
OAR ACCESS NO.....006111-005
DDC NUMBER.....AD63386
INSTR...AF-AFOSR-0105-63
PROJECT/TASK.....9763/02

AFOSR 67-1236
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SOLID HELIX MAGNETS FOR LARGE VOLUME PULSED HIGH FIELDS
REV SCI INSTR V38 N3 PP440-442 MAR 67
BY KOPFER S
LISHER W G
OAR ACCESS NO.....007911-108
DDC NUMBER.....AD63357
INSTR...AF-AFOSR-0767-66
PROJECT/TASK.....9764/01

AFOSR 67-1237
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTING TRANSITIONS IN BODY-CENTERED CUBIC THALLIUM
-INDIUM ALLOYS
PHYS REV V158 N2 PP436-438 10 FEB 67
BY LUO H L
WILLIAMS R H
OAR ACCESS NO.....018830-052
DDC NUMBER.....AD63388
INSTR...AF-AFOSR-0631-64
PROJECT/TASK.....9765/07

AFOSR 67-1238
NEW YORK UNIVERSITY
A NOTE ON PROBLEMS WITH PERIODIC TARGET SETS
IEEE TRANS AUTO CONTROL VAC-12 N1 PP104-105 FEB 1967
BY KLON M
SACHNIK P
OAR ACCESS NO.....012982-001
DDC NUMBER.....AD63382
INSTR...AF-AFOSR-0767-66
PROJECT/TASK.....9769/01

AFOSR 67-1239
UNIVERSITY OF CALIFORNIA
MELTING POINTS AT HIGH COMPRESSIONS FROM ZERO-COMPRESSION
PROPERTIES THROUGH THE KENNEDY RELATION
PHYS REV LETTERS V17 N8 PP423-424 22 AUG 1966
BY LIBBY W F
OAR ACCESS NO.....012962-005
DDC NUMBER.....AD63382
INSTR...AF-AFOSR-0245-85
PROJECT/TASK.....9710/03

AFOSR 67-1240
UNIVERSITY OF CALIFORNIA
POWER-ASSOCIATIVE ALGEBRAS IN WHICH EVERY SUBALGEBRA IS AN
IDEAL
PACIFIC J MATH V20 N3 PP481-485 1967
BY OUTCALT D L
OAR ACCESS NO.....014930-018
DDC NUMBER.....AD63316
INSTR...AF-AFOSR-0694-65
PROJECT/TASK.....9749/01

AFOSR 67-1241
OHIO UNIVERSITY
THE NEUTRON-NUCLEUS INTERACTION
NUOVO CIMENTO SER I V47 PP303-305 11 FEB 1967
BY CASSOLA R L
KOSHEL H D
OAR ACCESS NO.....016850-006
DDC NUMBER.....AD63309
INSTR...AF-AFOSR-0854-65
PROJECT/TASK.....761/01

AFOSR 67-1242
UNIVERSITY OF CALIFORNIA
A GENERALIZATION OF WOODERBURN'S THEOREM
PROC AM MATH SOC V18 N1 PP175-177 FEB 67
BY OUTCALT D L
YAQUB A
OAR ACCESS NO.....014930-019
DDC NUMBER.....AD63316
INSTR...AF-AFOSR-0698-05
PROJECT/TASK.....9749/01

AFOSR 67-1243
ROYAL UNIVERSITY OF UPPSALA
BIPOLEAR EXPANSION OF SCREENED COULOMB POTENTIALS HELMHOLTZ
SOLID HARMONICS AND THEIR ADDITION THEOREMS
J MATH PHYS V7 N10 PP1841-1860 OCT 66
BY NOZAWA H
OAR ACCESS NO.....023372-001
DDC NUMBER.....AD63320
INSTR...AF-61/052/00874
PROJECT/TASK.....9767/01

AFOSR 67-1244
ROYAL UNIVERSITY OF UPPSALA
LINKED CLUSTER THEOREM AND THE GREENS FUNCTION EQUATIONS OF
MOTION FOR A MANY-FERMION SYSTEM
J MATH PHYS V7 N10 PP1836-1820 OCT 66
BY KODE D H
OAR ACCESS NO.....023372-002
DDC NUMBER.....AD63321
INSTR...AF-61/052/00874
PROJECT/TASK.....9767/01

AFOSR 67-1245
OKLAHOMA UNIV RESEARCH INSTITUTE
THERMODYNAMIC ANALYSIS OF VAPOR-LIQUID AND VAPOR-SOLID
EQUILIBRIA DATA TO OBTAIN INTERACTION SECOND VIRIAL
COEFFICIENTS
ADVAN CRYG ENG V12 PP741-753 1967
BY CHIU C H
CANFIELD F H
OAR ACCESS NO.....020150-002
DDC NUMBER.....AD63369
INSTR...AF-AFOSR-1020-86
PROJECT/TASK.....9760/03

AFOSR 67-1246
DUKE UNIVERSITY
REVIEW OF CLINICAL AND EXPERIMENTAL STUDIES IN CONDITIONAL
REFLEXES PSYCHO AND NEUROPHYSIOLOGY IN USSR CZECHOSLOVAKIA
AND GREAT BRITAIN
JUNE 1967
BY COMEN S I
OAR ACCESS NO.....000922-003
DDC NUMBER.....AD63394
INSTR...AF-AFOSR-0057-64
PROJECT/TASK.....9779/01

AFOSR 67-1248
NEW YORK UNIVERSITY
DRAG ON AN OBJECT IN NEARLY-FREE MOLECULAR FLOW
PHYS FLUIDS V7 N8 PP1262-1269 AUG 1964
BY ROSE M H
OAR ACCESS NO.....008271-010
INSTR...AF-AFOSR-0266-62
PROJECT/TASK.....9749/01

AFOSR 67-1249
NEW YORK UNIVERSITY
DRAG ON AN OBJECT IN NEARLY-FREE MOLECULAR FLOW
PHYS FLUIDS V7 N8 PP1262-1269 AUG 1964
BY ROSE M H
OAR ACCESS NO.....008271-011
DDC NUMBER.....AD63384
INSTR...AF-AFOSR-0266-62
PROJECT/TASK.....9749/01

AFOSR 67-1249
NEW YORK UNIVERSITY
UNIFORM ASYMPTOTIC SOLUTIONS OF DISCONTINUOUS INITIAL
VALUE PROBLEMS FOR DISSIPATIVE HYPERBOLIC EQUATIONS
QUART APPL MATH V25 N1 PP31-44 APR 67
BY DOERSHA J
OAR ACCESS NO.....000333-004
DDC NUMBER.....AD63383
INSTR...AF-AFOSR-0537-64
PROJECT/TASK.....9749/02

AFOSR 67-1250
GEORGE WASHINGTON UNIVERSITY
A LOWER BOUND FOR DISCRIMINATION INFORMATION IN TERMS OF
VARIATION
IEEE TRANS INFORM THEORY VIT-13 N1 PP126-127 JAN 1967
BY KULLBACK S
OAR ACCESS NO.....018120-005
DDC NUMBER.....AD63306
INSTR...AF-AFOSR-0937-65
PROJECT/TASK.....9749/02

AFOSR 67-1251
YALE UNIVERSITY
SOLUTION OF THE RESTRICTED PROBLEM OF THREE BODIES BY
POWER SERIES
ASTRON J V71 N10 PP66R-975 DEC 66
BY SZECHELY V
OAR ACCESS NO.....011494-002
DOC NUMBER.....AD653301
INSTR...AF-AFOSH-03VP-07
PROJECT/TASK.....9749/01

AFOSR 67-1252
COLUMBIA UNIVERSITY
ON THE MAGNETOSPHERES OF SELF-GRAVITATING BODIES
ASTROPHYS J V148 PP291-293 APR 1967
BY WOLTER L
OAR ACCESS NO.....019290-010
DOC NUMBER.....AD653324
INSTR...AF-49/63R/0135R
PROJECT/TASK.....9774/01

AFOSR 67-1253
COLUMBIA UNIVERSITY
OSCILLATION VELOCITIES IN A TWO-DIMENSIONAL MODEL
PHYS REV V152 N2 PP634-644 5 DEC 66
BY MARTL E F
WHINER J H
OAR ACCESS NO.....007341-007
DOC NUMBER.....AD653303
INSTR...AF-AFOSH-027H-03
PROJECT/TASK.....9761/01

AFOSR 67-1254
RUMONA COLLEGE
X-RAY ABSORPTION IN THE 2-TO-200 Å REGION
BY MENKE B E
ELGIN R L
LENT R C
LEFINGHAM W H
OAR ACCESS NO.....002143-005
DOC NUMBER.....AD653315
INSTR...AF-AFOSH-066R-04
PROJECT/TASK.....9767/01

AFOSR 67-1255
UNIVERSITY OF TEXAS
ON COUPLED VAN DER POL OSCILLATORS
IEEE TRANS CIRCUIT THEORY VCT-13 N4 PP465-466 DEC 1966
BY AGGARWAL J K
HECHIE C G
OAR ACCESS NO.....015240-012
DOC NUMBER.....AD653305
INSTR...AF-AFOSH-0760-05
PROJECT/TASK.....9751/00

AFOSR 67-1256
CLARK UNIVERSITY
NEW SUBMINIATURE AMPLIFIER-TRANSMITTERS FOR TELEMETRY
DIPOLE ANTENNAS
ELECTROENCEPHALOGRAPHIC CLIN NEUROPHYSIOL V22 PP275-277 1967
BY SKITT M R
GENCHIE F G
MCULTY D G
MOELLA W P
OAR ACCESS NO.....020460-001
DOC NUMBER.....AD653319
INSTR...AF-AFOSH-1096-00
PROJECT/TASK.....9777/01

AFOSR 67-1257
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
ON THE CLASSIFICATION OF SINGULAR AND NONSINGULAR EXTREMALS
FOR THE PUNTRYAGIN MAXIMUM PRINCIPLE
J MATH ANAL APPL V17 N1 JAN 1967
BY DUFF J C
OAR ACCESS NO.....013763-006
DOC NUMBER.....AD653356
INSTR...AF-49/63R/01512
PROJECT/TASK.....9749/01

AFOSR 67-1258
CONNELL UNIVERSITY
EXPANSION OF UNIFORM GAS CLOUDS INTO A VACUUM
AIAA J V5 N2 PP378-380 FEB 1967
BY HURSHMAN E W
OAR ACCESS NO.....001062-009
DOC NUMBER.....AD653325
INSTR...AF-49/63R/01346
PROJECT/TASK.....9754/02

AFOSR 67-1259
STANFORD UNIVERSITY
THE ANALYSIS OF EXPERIMENTAL DATA OBTAINED FROM STABILITY
STUDIES ON ELASTIC COLUMN AND PLATE STRUCTURES
ISRAEL J TECH VS N1-2 PP104-113 1967
BY HORTON W H
CUNDARI F L
JOHNSON W B
OAR ACCESS NO.....017730-001
DOC NUMBER.....AD653320
INSTR...AF-49/63R/01495
PROJECT/TASK.....9702/01

AFOSR 67-1260
STANFORD UNIVERSITY
STABILITY INDICATIVE FUNCTION AND ITS APPLICATION TO
SYSTEMS WITH TIME DELAY
INGENIEUR-ARCHIV V35 N5 PP310-314 1967
BY KACHIBAGE V
FLUGGELTET I
OAR ACCESS NO.....010790-001
DOC NUMBER.....AD653327
INSTR...AF-49/63R/01431
PROJECT/TASK.....9747/01

AFOSR 67-1261
CALIFORNIA INSTITUTE OF TECHNOLOGY
SIMPLIFICATION AND SYMMETRIZATION OF THE FIKMAN RELATION
FOR VISCOSITY OF CRITICAL MIXTURES
J CHEM PHYS V46 N5 PP2013-2016 1 MAR 1967
BY PINGS C J
OAR ACCESS NO.....014610-020
DOC NUMBER.....AD653293
INSTR...AF-49/63R/01273
PROJECT/TASK.....9710/03

AFOSR 67-1262
CASE INSTITUTE OF TECHNOLOGY
MECHANICAL PROPERTIES OF SOME TANTALUM ALLOYS
CAN J PHYS V45 N2 PT3 PP1047-1062 FEB 67
BY MITCHELL T E
PAFFO P L
OAR ACCESS NO.....016560-003
DOC NUMBER.....AD653379
INSTR...AF-AFOSH-0829-65
PROJECT/TASK.....9763/01

AFOSR 67-1263
COLUMBIA UNIVERSITY
SOME REMARKS ON THE STABILITY OF HYDROMAGNETIC SHOCK WAVES
PROC SYMP APPL MATH V18 MAGNETO-FLUID AND PLASMA DYNAMICS
PPI-16 AMERICAN MATHEMATICAL SOCIETY 1967
BY CHU C K
OAR ACCESS NO.....009582-016
DOC NUMBER.....AD653359
INSTR...AF-49/63R/01254
PROJECT/TASK.....9752/01

AFOSR 67-1264
BROWN UNIVERSITY
ATTAINABLE SETS AND GENERALIZED GEODESIC SPHERES
J DIFFERENTIAL EQUATIONS V3 N2 PP256-273 JUNE 1967
BY HERMES H G
OAR ACCESS NO.....019591-008
DOC NUMBER.....AD653317
INSTR...AF-AFOSH-0693-65
PROJECT/TASK.....9749/01

AFOSR 67-1265
CARNEGIE INSTITUTE OF TECHNOLOGY
THE LAPLACE TRANSFORM AND INITIAL-BOUNDARY VALUE PROBLEMS
J MATH ANAL APPL V15 N1 OCT 1966
BY MACCANY H C
OAR ACCESS NO.....001574-001
DOC NUMBER.....AD653318
INSTR...AF-AFOSH-0647-66
PROJECT/TASK.....9749/02

AFOSR 67-1266
STANFORD UNIVERSITY
NONSYMMETRIC BUCKLE PATTERNS IN PROGRESSIVE PLASTIC
BUCKLING
EXPTL MECH SEPT 1966
BY HORTON W H
BAILEY S C
EDWARDS A M
OAR ACCESS NO.....017730-002
DOC NUMBER.....AD653281
INSTR...AF-49/63R/01495
PROJECT/TASK.....9742/01

AFOSR 67-1270
MCMASTER UNIVERSITY
HARD F NUCLEAR MAGNETIC RESONANCE SPECTRA OF THE ADDUCT
HFSUBSTITUENT / BORON TRIFLUORIDE + MINIMUM HYDRATE /
CAN J CHEM V45 PP859-863 1967
BY GILLESPIE R J
HARTMAN J S
OAR ACCESS NO.....021030-001
DOC NUMBER.....AD653349
INSTR...AF-AFOSH-1127-66
PROJECT/TASK.....9710/01

AFOSR 67-1271
UNIVERSITY OF MINNESOTA
SOME LIMIT THEOREMS FOR A GENERAL MARKOV PROCESS
Z WAHRSCHAFTLICHKEITSTHEORIE VERN G PP200-223 1966
BY JAIN N C
OAR ACCESS NO.....000414-002
DOC NUMBER.....AD653308
INSTR...AF-AFOSH-0381-66
PROJECT/TASK.....9749/02

AFOSR 67-1272
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
DISTRIBUTIONS AND THE BOUNDARY VALUES OF ANALYTIC FUNCTIONS
ACADEMIC PRESS NEW YORK AND LONDON 1966
BY BELTHAMI E J
MORFENS M H
OAR ACCESS NO.....013763-007
DOC NUMBER.....AD653375
INSTR...AF-49/63R/01512
PROJECT/TASK.....9749/01

AFOSR 67-1273
UNIVERSITY OF PISA
HOMOGENEOUS CONVEXITY IN THE SPACE OF CYCLES OF AN ALGEBRAIC
VARIETY
ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA CLASSE DI
SCIENZE VCL N1 67
BY ANDREOTTI A
MORFLET F
OAR ACCESS NO.....016790-008
DOC NUMBER.....AD653297
INSTR...AF-EDAP-0042-65
PROJECT/TASK.....9749/02

AFOSR 67-1274
UNIVERSITY OF CALIFORNIA
SOME RESULTS ON FINITE SEMIGROUPS
J ALGEBRA V4 N3 NOV 66
BY WHODES J L
OAR ACCESS NO.....017350-002
DDC NUMBER.....AD653310
INSTR...AF-AFOSR-0448-65
PROJECT/TASK.....9749/01

AFOSR 67-1275
YALE UNIVERSITY
OBJECTIVITY IN QUANTUM MECHANICS
DELAWARE SEMINAR IN THE FOUNDATIONS OF PHYSICS FOR MY M
BUNGE PR181-187 NEW YORK UCHLIN HEIDELBERG SPRINGER-VERLAG
1967
BY MARGENAU H
PANK J
OAR ACCESS NO.....002121-004
DDC NUMBER.....AD653378
INSTR...AF-AFOSR-0443-65
PROJECT/TASK.....9747/02

AFOSR 67-1276
UNIVERSITY OF CALIFORNIA
THE UNIQUENESS OF SOLUTIONS OF THE HEAT EQUATION IN AN
INFINITE STRIP
TRANS AM MATH SOC V125 N2 PP374-381 NOV 66
BY SHAPIRO V L
OAR ACCESS NO.....004103-003
DDC NUMBER.....AD653255
INSTR...AF-AFOSR-0448-64
PROJECT/TASK.....9749/02

AFOSR 67-1277
UNIVERSITY OF ILLINOIS
SELF-LOCKING OF MODES IN THE ARGON-ION LASER
APPL PHYS LETTERS V4 NR PP281-282 15 OCT 66
BY GADDY D L
SCHAEFER F M
OAR ACCESS NO.....004713-002
DDC NUMBER.....AD653257
INSTR...AF-AFOSR-0340-65
PROJECT/TASK.....9767/02

AFOSR 67-1278
BROWN UNIVERSITY
STABILITY OF STOCHASTIC DYNAMICAL SYSTEMS
ADVANCES IN CONTROL SYSTEMS V4 PP73-107 NEW YORK ACADEMIC
PRESS 1966
BY KUSHNER H J
OAR ACCESS NO.....019550-014
DDC NUMBER.....AD653381
INSTR...AF-AFOSR-0693-64
PROJECT/TASK.....9749/01

AFOSR 67-1279
UNIVERSITY OF ROCHESTER
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION
PHYS REV V155 N1 PP12-19 MAR 1967
BY EBELLY J H
KUJAWSKI A
OAR ACCESS NO.....004623-009
DDC NUMBER.....AD653256
INSTR...AF-AFOSR-0237-65
PROJECT/TASK.....9767/02

AFOSR 67-1280
ROBIN UNIVERSITY
KINETIC MODELS FOR A GAS WITH INTERNAL STRUCTURE
PHYS FLUIDS V10 N2 PP345-353 FEB 1967
BY HANSON F H
MORSE T F
OAR ACCESS NO.....014970-002
DDC NUMBER.....AD653246
INSTR...AF-447038/01326
PROJECT/TASK.....9743/01

AFOSR 67-1281
ROYAL UNIVERSITY OF UPSALA
HEAT ENERGY CRITERION AND THE PRINCIPLE OF COMPENSATION OF
DANGEROUS DIAGRAMS
AM J PHYS V49 N1 PP405-415 DEC 66
BY KJHE D H
OAR ACCESS NO.....023172-003
DDC NUMBER.....AD653322
INSTR...AF-01/052/00074
PROJECT/TASK.....9767/01

AFOSR 67-1282
PURDUE UNIVERSITY
A HILLCLIMBING TECHNIQUE USING PIECEWISE CUBIC
APPROXIMATION
BY MILL J C
OAR ACCESS NO.....010700-005
DDC NUMBER.....AD653215
INSTR...AF-AFOSR-0351-62
PROJECT/TASK.....9749/01

AFOSR 67-1283
UNIVERSITY OF GEORGIA
THE REVERSIBLE THERMAL DECOMPOSITION OF
TRIPHENYLMETHYLENE RADICAL TO TRIPHENYLMETHYL RADICAL
AND OXYGEN
J AM CHEM SOC V89 NS PP1178-1183 1 MAR 1967
BY JANZEN C G
JOHNSTON F J
AYERS E L
OAR ACCESS NO.....021600-001
DDC NUMBER.....AD653254
INSTR...AF-AFOSR-0369-66
PROJECT/TASK.....9767/03

AFOSR 67-1284
LUND UNIVERSITY
A PHOTOMETRIC DEVICE FOR THE IDENTIFICATION OF MULTIPLY
CHARGED PARTICLES STOPPING IN NUCLEAR EMULSIONS
ARKIV FYSIK V34 N13 PP139-152 1967
BY KRISTIANSSON K
LADD A
MALMQUIST L
OAR ACCESS NO.....004844-001
DDC NUMBER.....AD653294
INSTR...AF-EDAR -0039-66
PROJECT/TASK.....9751/04

AFOSR 67-1285
LUND UNIVERSITY
LOW ENERGY HEAVY PRIMARY PARTICLES IN COSMIC RADIATION
ARKIV FYSIK V34 N3 PP21-36 1967
BY MALMQUIST L
OAR ACCESS NO.....004444-002
DDC NUMBER.....AD653355
INSTR...AF-EDAR -0039-66
PROJECT/TASK.....9751/04

AFOSR 67-1287
UOPE UNIVERSITY
THE SURFACE EFFECTS DUE TO HOMOY FORCES IN THE INTERIOR OF
AN ELASTIC HALF-SPACE
ARCH MECH STUS V3 N19 PP403-421 1966
BY SYEDOUCA E H
OAR ACCESS NO.....005392-003
DDC NUMBER.....AD653495
INSTR...AF-AFOSR-0162-62
PROJECT/TASK.....9749/01

AFOSR 67-1288
SOUTHWEST RESEARCH INSTITUTE
NONDESTRUCTIVE EVALUATION OF METAL FATIGUE
BY XUSENBERGER F N
LEONARD H F
HARTON J H
DONALDSON W L
OAR ACCESS NO.....018571-002
DDC NUMBER.....AD653387
INSTR...AF-49/638/01502
PROJECT/TASK.....9742/01

AFOSR 67-1289
JOHNS HOPKINS UNIVERSITY
ON THE POINT SPECTRUM OF A TOWELTIZ OPERATOR
TRANS AM MATH SOC V126 N2 PP251-266 FEB 1967
BY CLARK D N
OAR ACCESS NO.....002403-006
DDC NUMBER.....AD653501
INSTR...AF-49/638/01382
PROJECT/TASK.....9749/02

AFOSR 67-1290
UNIVERSITY OF BRISTISH COLUMBIA
ATOM RECOMBINATION FINAL REPORT JUNE 1967
BY GORYLO E A
OAR ACCESS NO.....012421-002
DDC NUMBER.....AD653611
INSTR...AF-AFOSR-0158-65
PROJECT/TASK.....9760/02

AFOSR 67-1291
ROYAL INSTITUTE OF TECHNOLOGY
ON A PHOTOMETRIC METHOD FOR CONCENTRATION DETERMINATIONS
ARKIV FOR KEMI V26 N2 PP13-26 1966
BY WALLIN T
OAR ACCESS NO.....012050-011
DDC NUMBER.....AD653492
INSTR...AF-EDAR -0008-63
PROJECT/TASK.....9710/01

AFOSR 67-1292
ROYAL INSTITUTE OF TECHNOLOGY
THE ION ACTIVITY FUNCTION - AN APPROACH TO THE STUDY OF
ELECTROLYTE BEHAVIOR IN CONCENTRATED SOLUTIONS
ELECTROCHEM PROC AUSTRALIAN CONF 1ST SYDNEY 13-15 FEB
1964
BY LIPPER L
HOGFELDT E
OAR ACCESS NO.....001070-012
DDC NUMBER.....AD653502
INSTR...AF-61/052/00162
PROJECT/TASK.....9710/01

AFOSR 67-1293
ROYAL INSTITUTE OF TECHNOLOGY
STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS /SPANISH/
ANALES REAL SOC ESPAN FIS QUIM SER B-QUIMICA V62/11/ N2
PP123-133 FEB 1966
BY SUITO F
OAR ACCESS NO.....012650-012
DDC NUMBER.....AD653480
INSTR...AF-LOAR -0008-63
PROJECT/TASK.....9710/01

AFOSR 67-1294
ROYAL INSTITUTE OF TECHNOLOGY
STUDIES CONCERNING HYDROLYSIS OF METALLIC IONS 55
VANADIUM /ITAL/ IN 3 MELAR AGL MEDIUM/
ANALES REAL SOC ESPAN FIS QUIM SER B-QUIMICA V62/11/ N2
PP143-146 FEB 1967
BY SUITO F
OAR ACCESS NO.....012051-002
DDC NUMBER.....AD653481
INSTR...AF-LOAR -0022-65
PROJECT/TASK.....9710/01

AFOSR 67-1295
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOMETHYL-METAL COMPOUNDS VIII THE REACTION OF PHENYL
TRIMALOMETHYL MERCURY COMPOUNDS WITH HYDROGEN CHLORIDE
J ORGANO-METAL CHEM V8 PP27-36 1967
BY SEYFERTH D
MUI J V P
TODD L J
DARRAGH K V
OAR ACCESS NO.....014231-013
DDC NUMBER.....AD653491
INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9762/02

AFOSR 67-1296
STANFORD UNIVERSITY
STEREOCHEMICAL EQUILIBRIUM IN CHAIN MOLECULES
J AM CHEM SOC V89 NO 17 PP1798-1804 12 APR 1967
BY FLOREY P J
OAR ACCESS NO.....010391-027
DDC NUMBER.....AD653477
INSTR...AF-AFOSR-0501-341
PROJECT/TASK.....9760/03

AFOSR 67-1297
VICTORIA UNIVERSITY OF WELLINGTON
A MOSSBAUER STUDY OF IRON ZII/ -I TO-PHENANTHROLINE
COMPLEXES
J CHEM SOC SECT A INORG PHYS THEOR CHEM PP1491-1496 1966
BY DUNCAN J F
MOK K F
OAR ACCESS NO.....011751-007
DDC NUMBER.....AD653435
INSTR...AF-AFOSR-0027-65
PROJECT/TASK.....9710/03

AFOSR 67-1299
UNIVERSITY OF FLORIDA
INTENSITY OF ATOMIC FLUORESCENCE AS A FUNCTION OF ATOMIC
CONCENTRATION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY
SPECTROCHIM ACTA V23B PP37-51 1967
BY WINEFORDNER J D
PARSONS M L
MANSFIELD J M
MCCARTHY W J
OAR ACCESS NO.....020430-009
DDC NUMBER.....AD653119
INSTR...AF-AFOSR-1031-66
PROJECT/TASK.....9710/03

AFOSR 67-1300
UNIVERSITY OF FLORIDA
DERIVATION OF GENERAL EXPRESSIONS FOR QUANTUM AND POWER
EFFICIENCIES FOR ATOMIC FLUORESCENCE OF ATOMS IN A HOT GAS
WITH EMPHASIS ON ATOMIC FLUORESCENCE FLAME SPECTROMETRY
SPECTROCHIM ACTA V23B PP25-21 1967
BY MCCARTHY W J
PARSONS M L
WINEFORDNER J D
OAR ACCESS NO.....020430-010
DDC NUMBER.....AD653426
INSTR...AF-AFOSR-1033-66
PROJECT/TASK.....9710/03

AFOSR 67-1301
UNIVERSITY OF FLORIDA
COMPARISON OF LINE AND CONTINUOUS SOURCES IN ATOMIC
ABSORPTION SPECTROPHOTOMETRY
ANAL CHEM ACTA V37 PP436-448 1967
BY DE GALAN L
MC GEE W W
WINEFORDNER J D
OAR ACCESS NO.....020430-011
DDC NUMBER.....AD653427
INSTR...AF-AFOSR-1031-66
PROJECT/TASK.....9710/03

AFOSR 67-1302
UNIVERSITY OF FLORIDA
DERIVATION OF EXPRESSIONS FOR CALCULATION OF LIMITING
DETECTABLE ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE
FLAME SPECTROMETRY
ANAL CHEM V59 NO 4 PP436-442 APR 1967
BY WINEFORDNER J D
PARSONS M L
MANSFIELD J M
MCCARTHY W J
OAR ACCESS NO.....020431-001
DDC NUMBER.....AD653493
INSTR...AF-AFOSR-1031-67
PROJECT/TASK.....9710/04

AFOSR 67-1303
AMERICAN UNIVERSITY OF WASHINGTON
CONCENTRATED FORCE IN FIGHTING-STAKE WITH MIXED BOUNDARY
CONDITIONS
BY HUANG W A
OAR ACCESS NO.....011960-001
DDC NUMBER.....AD653439
INSTR...AF-EDAR-0012-63
PROJECT/TASK.....9771/01

AFOSR 67-1305
UNIVERSITY OF FLORIDA
USE OF A CONTINUOUS SOURCE OF EXCITATION AN ARGON-HYDROGEN-
AIR FLAME AND AN EXTENDED FLAME CELL FOR ATOMIC SPECTROSCOPY
FLAME SPECTROPHOTOMETRY
ANAL CHEM ACTA V37 PP427-435 1967
BY MC GEE W W
WINEFORDNER J D
OAR ACCESS NO.....020430-012
DDC NUMBER.....AD653478
INSTR...AF-AFOSR-1031-66
PROJECT/TASK.....9710/03

AFOSR 67-1306
ROYAL INSTITUTE OF TECHNOLOGY
SPANISH STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS
XIII POLYMERIZATION OF TELLURATES IN ONE MOLAR NaCl
SOLUTION AT 25 DEGREES C
ANALIS REAL SOC ESPAN FIS QUIM SER A-QUIMICA V62/87 N2
PP147-198 FEB 1967
BY ONITO F
OAR ACCESS NO.....012050-013
DDC NUMBER.....AD653485
INSTR...AF-EDAR-0008-63
PROJECT/TASK.....9710/01

AFOSR 67-1307
ROYAL INSTITUTE OF TECHNOLOGY
STUDY ON THE HYDROLYSIS OF METAL IONS PART 56. SOLVENT
EXTRACTION STUDY OF THE HYDROLYSIS OF ZINC ZII/ IN 3 M
NaClO AT 10% CONCENTRATION
ACTA CHEM SCAND V19 N7 PP1520-1534 1965
BY TAISUYA S
OAR ACCESS NO.....012051-003
DDC NUMBER.....AD653484
INSTR...AF-EDAR-0022-65
PROJECT/TASK.....9710/01

AFOSR 67-1308
UNIVERSITY OF CALIF
ENERGY CALCULATION OF THE METASTABLE STATE OF HELIUM ION
AND LITHIUM
PHYS CHEM SOC V90 PP483-885 1967
BY MULDIEN E
MOTDAL J
OAR ACCESS NO.....014866-003
DDC NUMBER.....AD653433
INSTR...AF-EDAR-0033-66
PROJECT/TASK.....9760/01

AFOSR 67-1309
ROYAL INSTITUTE OF TECHNOLOGY
THE CRYSTAL STRUCTURE OF BASIC ZINCION SULPHATE
TETRAHYDRATE
INORG CHEM V5 N2 PP284-289 FEB 1966
BY MCNEMAN D D
LUNDGREN G
OAR ACCESS NO.....004070-013
DDC NUMBER.....AD653436
INSTR...AF-61/052/00182
PROJECT/TASK.....9710/01

AFOSR 67-1310
ROYAL INSTITUTE OF TECHNOLOGY
THE CRYSTAL STRUCTURE OF POTASSIUM ALUMINATE
ACTA CHEM SCAND V20 N2 PP405-515 1966
BY JUHANSSON G
OAR ACCESS NO.....004070-014
DDC NUMBER.....AD653437
INSTR...AF-61/052/00182
PROJECT/TASK.....9710/01

AFOSR 67-1311
ROYAL INSTITUTE OF TECHNOLOGY
ON THE NATURE OF CHARGE-CARRIERS IN LIQUID SELENIUM
CONTAINING CHLORINE
ACTA CHEM SCAND V20 N6 PP1723-1724 1966
BY LUNDQVIST M
SILFEN L G
OAR ACCESS NO.....012051-004
DDC NUMBER.....AD653431
INSTR...AF-EDAR-0022-63
PROJECT/TASK.....9710/01

AFOSR 67-1312
ROYAL INSTITUTE OF TECHNOLOGY
A CALORIMETRIC AND POTENTIOMETRIC STUDY OF MERCURIC BROMIDE
SYSTEMS AT 25 DEGREES CENTIGRADE IN THREE MOLAR SODIUM
CHLORIDE MEDIUM
SPKIV FOR KEMI V24 N40 PP531-550 1965
BY ARNER M
OAR ACCESS NO.....012051-005
DDC NUMBER.....AD653429
INSTR...AF-EDAR-0027-65
PROJECT/TASK.....9710/01

AFOSR 67-1313
GENERAL PRECISION INC
RESEARCH ON THE ANALOGICAL SIMULATION OF NEURAL BEHAVIOR
FINAL REPORT JUNE 1967
BY LEWIS E H
OAR ACCESS NO.....008501-005
DDC NUMBER.....AD653416
INSTR...AF-49/034/01232
PROJECT/TASK.....9771/01

AFOSR 67-1314
UNIVERSITY OF MERTEN
OBSERVATIONS OF LARGE-SCALE COHERENT PULSATING ELECTRON
PRECIPITATION EVENTS IN THE AURORAL ZONE ACCOMPANIED BY
GEOMAGNETIC CONTINUOUS PULSATIONS
J ATMOSPHERIC TERREST PHYS V29 NO PP375-410 APR 1967
BY ULLALAND S L
TREFALL M
KREMSER G
SEYFERTH D
OAR ACCESS NO.....017170-001
DDC NUMBER.....AD653478
INSTR...AF-61/052/30869
PROJECT/TASK.....9751/04

AFOSR 67-1315
UNIVERSITY OF BRITISH COLUMBIA
COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS ON UNBOUNDED
DOMAINS
TRANS AM MATH SOC V126 N2 PP278-285 FEB 67
BY SWANSON C A
DAR ACCESS NO.....0006073-001
DOC NUMBER.....AD653743
INSTR...AF-AFOSR-0379-66
PROJECT/TASK.....9749/01

AFOSR 67-1316
UNIVERSITY OF CALIFORNIA
NEUROPHARMACOLOGICAL STUDY AND POSTULATES ON EXCITATION
AND DEPRESSION IN THE CENTRAL NERVOUS SYSTEM
RECENT ADVANCES IN BIOLOGICAL PSYCHIATRY V9 PP313-345 1967
BY WINTERS W D
DAR ACCESS NO.....009392-012
DOC NUMBER.....AD653680
INSTR...AF-44/638/01387
PROJECT/TASK.....9777/01

AFOSR 67-1317
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
A REALIZABILITY THEORY FOR SMOOTH LOSSLESS TRANSMISSION
LINES
IEEE TRANS CIRCUIT THEORY VCT-13 N4 PP355-363 DEC 1966
BY WOHLERS M R
DAR ACCESS NO.....011763-008
DOC NUMBER.....AD653700
INSTR...AF-40/638/01512
PROJECT/TASK.....9749/01

AFOSR 67-1318
GENERAL DYNAMICS CORP
ATTENUATION OF A SHOCK WAVE DUE TO THE NON-EQUILIBRIUM
IONIZATION AND RADIATION
PHYS FLUIDS V10 N2 PP249-273 FEB 1967
BY ROSCISZEWSKI J
DAR ACCESS NO.....018221-005
DOC NUMBER.....AD653679
INSTR...AF-44/638/01556
PROJECT/TASK.....9752/01

AFOSR 67-1319
TEL-AVIV UNIVERSITY
ALGEBRAIC ASPECTS OF RECURRENCES
J MATH PHYS V7 N12 PP2174-2177 DEC 1966
BY GOTSMAN F
NE EMAN Y
DAR ACCESS NO.....021880-007
DOC NUMBER.....AD653684
INSTR...AF-44/638/01556
PROJECT/TASK.....9751/01

AFOSR 67-1320
UNIVERSITY OF OREGON
ORGAN GROWTH IN THE MURKIN FISH SPHAERIDES MACULATUS
CHESAPEAKE SCI VOL N1 PP43-45 MAR 1967
BY WILKER C C
SCHNEIDER N
DAR ACCESS NO.....020350-003
DOC NUMBER.....AD653684
INSTR...AF-AFOSR-0447-66
PROJECT/TASK.....9777/01

AFOSR 67-1321
NEWARK UNIVERSITY
THE ROLE OF LYING IN PSYCHOPHYSIOLOGICAL DETECTION
PSYCHOPHYSIOLOGY V3 N3 PP12-215 1967
BY KUGELMASS S
LEIBOWITZ I
HERSMAN J
DAR ACCESS NO.....013659-002
DOC NUMBER.....AD653691
INSTR...AF-01/632/00449
PROJECT/TASK.....9778/01

AFOSR 67-1322
DUKE UNIVERSITY
ON THE LAW OF THE ITERATED LOGARITHM FOR CONTINUED
FRACTIONS
DUKE MATH J V32 N4 PP401-420 DEC 1966
BY STACKELBERG D B
DAR ACCESS NO.....009493-005
DOC NUMBER.....AD653698
INSTR...AF-AFOSR-0447-66
PROJECT/TASK.....9749/01

AFOSR 67-1323
UNIVERSITY OF CAMBRIDGE
CURRENT ALPHAS AND THE OSCAR
PHYS LETTERS VOL N1 PP50-52 JAN 1967
BY CONWAY R J
DAR ACCESS NO.....013011-014
DOC NUMBER.....AD653707
INSTR...AF-44/638/01556
PROJECT/TASK.....9777/01

AFOSR 67-1324
UNIVERSITY COLLEGE
CORRELATION BETWEEN OPTICAL AND RADIO MEASUREMENTS FROM
EXTENSIVE AIR SURVEYS AT LAGO ZENITH ARIZONA
PHYS LETTERS VOL N1 PP677-679 12 DEC 1966
BY MONTAGNA S
J MONTAGNA S
DAR ACCESS NO.....013000-006
DOC NUMBER.....AD653707
INSTR...AF-44/638/01556
PROJECT/TASK.....9749/01

AFOSR 67-1331
INSTITUTO CAJAL
THE PROPERTIES OF THE STRIA TERMINALIS FISHES
PHYSIOLOG BEHAVIOR V2 PP225-227 1967
BY DE MOLINA A F
GARCIA-SANCHEZ J L
DAR ACCESS NO.....017681-001
DOC NUMBER.....AD653709
INSTR...AF-61/632/00939
PROJECT/TASK.....9777/01

AFOSR 67-1332
CALIFORNIA INSTITUTE OF TECHNOLOGY
NEUTRAL OXYGEN IN LATE-TYPE STARS
ASTROPHYS J V148 N1 PP105-127 APR 1967
BY CONTE P S
GREENSTEIN J L
SPINRAD H
WALLENSTEIN G
VARDYA M S
DAR ACCESS NO.....000951-028
DOC NUMBER.....AD653629
INSTR...AF-40/638/01383
PROJECT/TASK.....9749/01

AFOSR 67-1333
UNIVERSITY OF MILANO
IONIC INCORPORATIONS IN DIELECTRIC SOLIDS
NUOVO CIMENTO SUPPL SERL V4 N3 PP607-629 1966
BY BUCCI C
CAPPELLETTI R
FISCHER L
GUIDI G
PIROLA L
DAR ACCESS NO.....012601-004
DOC NUMBER.....AD653687
INSTR...AF-FOAR -0007-65
PROJECT/TASK.....9761/03

AFOSR 67-1334
ADELPHI UNIVERSITY
THE RESPONSE OF A THIN ELASTIC PLATE TO A MOVING PRESSURE
POINT
Z ANGER MATH PHYS V14 PP1-12 1967
BY PAYTON H G
DAR ACCESS NO.....017220-002
DOC NUMBER.....AD653731
INSTR...AF-AFOSR-0421-65
PROJECT/TASK.....9749/01

AFOSR 67-1335
UNIVERSITY OF WASHINGTON
ON SUBHARMONICITY OF IDEAL SUBHARMONIC FUNCTIONS
PACIFIC MATH SOC V17 N3 PP622-628 JUN 1966
BY ANSOVE M G
DAR ACCESS NO.....015640-001
DOC NUMBER.....AD653735
INSTR...AF-AFOSR-0936-65
PROJECT/TASK.....9749/02

AFOSR 67-1336
UNIVERSITY OF TEXAS
COMPUTER MODELS OF THE FIELD-EFFECT TRANSISTOR
JSSP TECHNICAL REPORT NO 33 APRIL 1967
BY ROBERTS B D JR
HARRIS C C
DAR ACCESS NO.....015282-010
DOC NUMBER.....AD653687
INSTR...AF-AFOSR-0746-67
PROJECT/TASK.....9751/00

AFOSR 67-1337
UNIVERSIDAD DE CHILE
BIOCHEMICAL PROFILE OF NERF MEMBRANE FINAL REPORT FEB
1967
BY CANLESSA-FISCHER M
VARGAS F
ZAMUDIO I
ZAMBRANO F
CELLENG M
DAR ACCESS NO.....016666-001
DOC NUMBER.....AD653613
INSTR...AF-AFOSR-0746-66
PROJECT/TASK.....9777/01

AFOSR 67-1338
MUNDELACH POLYTECHNIC INSTITUTE
STABILITY ANALYSIS OF PROTECTIVE CONTROL SYSTEMS
EURE TRANS AUTO CONTROL VAC-11 N1 PP455-464 JUL 66
BY KAUFMAN H
DE RUSSO M M
DAR ACCESS NO.....011091-001
DOC NUMBER.....AD653706
INSTR...AF-40/638/01556
PROJECT/TASK.....9749/01

AFOSR 67-1340
GRUMMAN AIRCRAFT ENGINEERING CORP
SINGULAR EXTREMALS
INDICES IN OPTIMIZATION PP43-101 NEW YORK ACADEMIC PRESS
PP43-101 1967
BY KELLEY H J
KUSH H E
MORF H L
DAR ACCESS NO.....011762-013
DOC NUMBER.....AD653625
INSTR...AF-44/638/01556
PROJECT/TASK.....9749/01

AFOSR 67-1341
UNIVERSITY COLLEGE
IONIZATION RATES IN THE EARLY CASES
NATURE J ASTR PHYS V4 PP443-447 APR 1967
BY BRIDGES C J
DAR ACCESS NO.....013000-006
DOC NUMBER.....AD653707
INSTR...AF-44/638/01556
PROJECT/TASK.....9749/01

AFOSR 67-1342
UNIVERSITY OF MILANO
F AND W TRAPS IN ALKALI HALIDES STUDIED BY MEANS OF
PHOTOEXCITED THERMOLUMINESCENCE
NUOVO CIMENTO SERA V45 PP119-131 11 OCT 1966
BY SCARAMELLI M
OAR ACCESS NO.....012601-005
DDC NUMBER.....AD65390
INSTR...AF-FOAR-0007-65
PROJECT/TASK.....9761/03

AFOSR 67-1343
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HEAVILY DOPED SILICON AS A LOW TEMPERATURE TRANSMISSION
FILTER FOR THE FAR INFRARED
APPL OPT V6 N5 P978 MAY 1967
BY NEURINGER L J
MILWARD R C
OAR ACCESS NO.....007412-002
DDC NUMBER.....AD65397
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1344
STANFORD RESEARCH INSTITUTE
OPTIMATOR REACTION LOCOMOTION RAS AND REACTIVE INHIBITION
IN THE MILKREED BIO-CYCLOPENTUS AND THE HEYLE ZOPHODAS
FINAL REPORT JUNE 1967
BY WILSON D
NOY R W
OAR ACCESS NO.....010361-001
DDC NUMBER.....AD65398
INSTR...AF-44/638/01453
PROJECT/TASK.....9777/01

AFOSR 67-1345
YALE UNIVERSITY
VIRTUAL COULOMB EXCITATION IN NUCLEON TRANSFER
PROC NATL ACAD SCI V57 N4 PP849-855 APR 1967
BY ONEIT G
OAR ACCESS NO.....001890-001
DDC NUMBER.....AD65392
INSTR...AF-FOAR-0304-66
PROJECT/TASK.....9751/02

AFOSR 67-1346
JOHNS HOPKINS UNIVERSITY
ON THE ASYMPTOTIC FORM OF THE STREAM FUNCTION FOR THE FLOW
OF AN OSEEN-LIKE FLUID PAST A PARABOLIC CYLINDER
JULY 1967
BY KAPLAN C
OAR ACCESS NO.....001173-002
DDC NUMBER.....AD65394
INSTR...AF-49/638/01303
PROJECT/TASK.....9781/02

AFOSR 67-1347
UNIVERSITY OF TEXAS
SINGULAR POINTS OF PLANAR ORDINARY DIFFERENTIAL SYSTEMS
J DIFFERENTIAL EQUATIONS V3 N2 PP203-213 APR 1967
BY AGGARWAL J K
OAR ACCESS NO.....015242-007
DDC NUMBER.....AD65402
INSTR...AF-FOAR-0706-67
PROJECT/TASK.....4751/00

AFOSR 67-1348
UNIVERSITY OF CALIFORNIA
RADIATIVE TRANSFER IN THE FLUX-TEMPERATURE RELATION AND
NON-GRAY STELLAR ATMOSPHERES
ASTROPHYS J V148 N1 PP207-216 APR 1967
BY MENYEV L
OAR ACCESS NO.....004553-002
DDC NUMBER.....AD65401
INSTR...AF-FOAR-0171-65
PROJECT/TASK.....9774/01

AFOSR 67-1349
UNIVERSITY OF CAMBRIDGE
CURRENT ALGEBRAS IN A PERTURBATION THEORETIC MODEL
NUOVO CIMENTO SERA V47 PP770-785 21 FEB 67
BY HAMPRECHT B
OAR ACCESS NO.....013011-015
DDC NUMBER.....AD65408
INSTR...AF-FOAR-0036-65
PROJECT/TASK.....9751/01

AFOSR 67-1350
UNIVERSITY OF CAMBRIDGE
NONSIMPLE PHYSICAL REGION SINGULARITIES OF THE S MATRIX
NUOVO CIMENTO SERA V48 PP593-616 APR 67
BY STORPOM J K
OAR ACCESS NO.....013010-050
DDC NUMBER.....AD65390
INSTR...AF-FOAR-0079-63
PROJECT/TASK.....9750/01

AFOSR 67-1351
UNIVERSITY OF COLORADO
THE TWO USES OF NONCOMPACT GROUP IN PARTICLE PHYSICS
AND THEIR PHYSICAL APPLICATIONS
NONCOMPACT GROUPS IN PARTICLE PHYSICS ED BY Y CHOW & A
BENJAMIN N Y 1966
BY BARUT A O
OAR ACCESS NO.....013071-005
DDC NUMBER.....AD65373
INSTR...AF-FOAR-0030-65
PROJECT/TASK.....9751/01

AFOSR 67-1352
HOUSTON UNIVERSITY
DYNAMICAL EQUATIONS FOR OPTIMAL NONLINEAR FILTERING
J DIFFERENTIAL EQUATIONS V3 N2 PP179-190 APR 1967
BY KUSHNER H J
OAR ACCESS NO.....019500-015
DDC NUMBER.....AD65391
INSTR...AF-FOAR-0893-64
PROJECT/TASK.....9749/01

AFOSR 67-1353
UNIVERSITY OF NORTH CAROLINA
NUCLEAR SPIN-LATTICE RELAXATION IN ALKALI HALIDES AT LOW
TEMPERATURES
PHYS REV V155 P2 PP272-278 10 MAR 67
BY BRISCOE C V
TARR C E
STACEY L W
OAR ACCESS NO.....011001-001
DDC NUMBER.....AD65391
INSTR...AF-FOAR-0645-64
PROJECT/TASK.....9743/01

AFOSR 67-1354
UNIVERSITY OF ALABAMA
RADIATION FROM RELATIVISTIC ELECTRONS FINAL REPORT APRIL
1967
BY WHITTHURST R M
OAR ACCESS NO.....008642-001
DDC NUMBER.....AD65392
INSTR...AF-FOAR-0295-65
PROJECT/TASK.....9767/02

AFOSR 67-1355
UNIVERSITY OF WASHINGTON
ON THE EXISTENCE OF NON-TANGENTIAL LIMITS OF SUBHARMONIC
FUNCTIONS
J LONDON MATH SOC V42 PP125-132 67
BY ANSOVE M G
MURER A
OAR ACCESS NO.....015640-002
DDC NUMBER.....AD65385
INSTR...AF-FOAR-0936-65
PROJECT/TASK.....9749/02

AFOSR 67-1356
UNIVERSITY OF NEW SOUTH WALES
ANGULAR FUNCTIONS FOR A THREE NUCLEON SYSTEM
NUCL PHYS V88 PP361-372 1966
BY DAVIES B
OAR ACCESS NO.....011211-001
DDC NUMBER.....AD65391
INSTR...AF-FOAR-0685-64
PROJECT/TASK.....9751/02

AFOSR 67-1357
HOUSTON UNIVERSITY
A POSSIBLE STRUCTURE FOR C-VIOLATING ELECTROMAGNETIC
INTERACTIONS
NUOVO CIMENTO SERA V48 PP454-465 21 MAR 1967
BY MORAN P
YUN S K
OAR ACCESS NO.....011362-013
DDC NUMBER.....AD65391
INSTR...AF-FOAR-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-1358
MCMASTER UNIVERSITY
THE PREPARATION AND STRUCTURE OF ZIRCONIA SPHERES
MATER RES HULL V2 N4 PP427-435 1967
BY MADEYSKI A
SMELTZER W W
OAR ACCESS NO.....005703-006
DDC NUMBER.....AD65383
INSTR...AF-FOAR-0515-64
PROJECT/TASK.....9763/01

AFOSR 67-1359
UNIVERSITY OF NEW SOUTH WALES
MATRIX ELEMENTS FOR A THREE-NUCLEON SYSTEM /II/
NUCL PHYS V79 PP427-436 1966
BY DAVIES B
OAR ACCESS NO.....011211-002
DDC NUMBER.....AD65391
INSTR...AF-FOAR-0795-64
PROJECT/TASK.....9751/02

AFOSR 67-1360
UNIVERSITY OF NEW SOUTH WALES
MATRIX ELEMENTS FOR A THREE-NUCLEON SYSTEM /I/
NUCL PHYS V73 PP143-205 1965
BY DAVIES B
OAR ACCESS NO.....011211-003
DDC NUMBER.....AD65392
INSTR...AF-FOAR-0685-64
PROJECT/TASK.....9751/02

AFOSR 67-1361
NORTH AMERICAN AVIATION INC
A FREE BOUNDARY PROBLEM FOR THE HEAT EQUATION WITH
PRESCRIBED FLUX AT BOTH FIXED FACE AND MELTING INTERFACE
QUART APPL MATH V25 N1 APR 67
BY SHEHMAN B
OAR ACCESS NO.....019890-001
DDC NUMBER.....AD65393
INSTR...AF-49/638/01679
PROJECT/TASK.....9749/02

AFOSR 67-1362
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RADIATION EFFECTS IN THE ALGEBRA OF BOUNDED HOLONOMIC
FUNCTIONS
HIGH MATH J VIA PP31-88 07
BY KNA I
OAR ACCESS NO.....000451-019
DOC NUMBER.....A0653800
INSTR...AF-AFOSR-0335-03
PROJECT/TASK.....4749/02

AFOSR 67-1363
PRINCETON UNIVERSITY
THRESHOLD BEHAVIOUR OF THREE-BODY PARTIAL-WAVE AMPLITUDES
-11
NUOVO CIMENTO SER X V66 PP942-996 APR 1967
BY MALLIOTAY I G
OAR ACCESS NO.....005123-007
DOC NUMBER.....A0653802
INSTR...AF-AFOSR-0335-03
PROJECT/TASK.....4767/04

AFOSR 67-1364
UNIVERSITY OF TEXAS
EXPERIMENTAL INVESTIGATION OF HARMONIC ION CYCLOTRON WAVE
PROPAGATION AND ATTENUATION
PHYS FLUIDS V10 N3 PP596-604 MAR 1967
BY KRISTIANSEN M
DOUGAL AA
OAR ACCESS NO.....015242-006
DOC NUMBER.....A0653834
INSTR...AF-AFOSR-0760-07
PROJECT/TASK.....4751/00

AFOSR 67-1365
IMPERIAL COLLEGE
REPRESENTATION MIXING IN U-TWO-LE-12
NUOVO CIMENTO SER X V67 PP730-736 21 FEB 67
BY NAWANCHUKU O
MAHANTA P
AKVEAMPONG O
OAR ACCESS NO.....010641-030
DOC NUMBER.....A0653821
INSTR...AF-AFOSR-0340-04
PROJECT/TASK.....4750/01

AFOSR 67-1366
UNIVERSITY OF COLORADO
RESONANCE DECAYS FROM U/3 12-DYNAMICS A REGULARITY IN THE
PARTIAL DECAY WIDTHS
PHYS REV LETTERS V19 N18 1 MAY 1967
BY GUTMAN F J
TRIVISONNO J
OAR ACCESS NO.....013091-006
DOC NUMBER.....A0653832
INSTR...AF-AFOSR-0030-05
PROJECT/TASK.....4751/01

AFOSR 67-1367
UNIVERSITY OF PENNSYLVANIA
INFRARED SPECTRA AND STRUCTURE OF SILICON CRYSTAL
TETRAHYDROXYLS
INORG CHEM V6 N4 PP686-689 APR 1967
BY MACDIARMID A G
HAGEN A P
OAR ACCESS NO.....014930-001
DOC NUMBER.....A0653829
INSTR...AF-AFOSR-0151-19
PROJECT/TASK.....4710/02

AFOSR 67-1368
JOHN CARROLL UNIVERSITY
TEMPERATURE DEPENDENCE OF THE ELASTIC CONSTANTS OF MEDIUM
J PHYS CHEM SOLIDS V28 PP805-809
BY GUTMAN F J
TRIVISONNO J
OAR ACCESS NO.....011201-006
DOC NUMBER.....A0654012
INSTR...AF-AFOSR-0162-05
PROJECT/TASK.....4763/03

AFOSR 67-1369
UNIVERSITY OF CALIFORNIA
HOLONOMIC FUNCTIONS AND HOLONOMIC DIMENSION
ARKIV MAT V7 N2 PP31-48 67
BY SHAPIRO V L
OAR ACCESS NO.....004103-004
DOC NUMBER.....A0653907
INSTR...AF-AFOSR-0074-04
PROJECT/TASK.....4749/02

AFOSR 67-1370
UNIVERSITY OF BERGEN
SITE SELECTION FOR A SEISMIC ARRAY STATION AND CRUSTAL
STUDIES IN NORWAY 1965 FINAL REPORT FEB 1967
BY SORNES A
SELLVOLL M A
OAR ACCESS NO.....017470-001
DOC NUMBER.....A0653979
INSTR...AF-AFOSR-01052/0045-9
PROJECT/TASK.....4714/00

AFOSR 67-1371
CALIFORNIA INSTITUTE OF TECHNOLOGY
TYPES OF INFORMATION STORED IN SINGLE NEURONS
PROC CONF ON INVERTERATE NERVOUS SYSTEMS PP291-314
UNIVERSITY OF CHICAGO PRESS 1966
BY STRUMWASSER R
OAR ACCESS NO.....019410-002
DOC NUMBER.....A0653901
INSTR...AF-AFOSR-0144-7
PROJECT/TASK.....4777/01

AFOSR 67-1372
HARVARD UNIVERSITY
PIUM FACTORS AND THE PIUM CHANGE FROM FACTOR
PHYS REV V148 N4 PP1344-1347 20 AUG 1960
BY NIEH H T
OAR ACCESS NO.....004861-033
DOC NUMBER.....A0653807
INSTR...AF-AFOSR-01380
PROJECT/TASK.....9751/01

AFOSR 67-1373
SYRACUSE UNIVERSITY
FOUNDATIONS RESEARCH IN PHYSICS
DELAWARE SEMINAR FOUND PHYS V1-14
NEW YORK SPRINGER-VERLAG 1967
BY BERGMANN P G
OAR ACCESS NO.....008975-001
DOC NUMBER.....A0653828
INSTR...AF-AFOSR-0760-06
PROJECT/TASK.....9747/04

AFOSR 67-1374
UNIVERSITY OF FLORIDA
ENERGETIC AND ANGULAR STUDIES OF ARGON-DEUTERIUM POSITIVE
MOLECULAR ION AND NITROGEN-DEUTERIUM POSITIVE MOLECULAR
ION/ FORMATION
J CHEM PHYS V45 N12 PP4395-4391 15 DEC 66
BY DOVERSPIKE L O
CHAMPION R L
HAILEY T L
OAR ACCESS NO.....014140-003
DOC NUMBER.....A0653824
INSTR...AF-AFOSR-0471-64
PROJECT/TASK.....9767/01

AFOSR 67-1375
UNIVERSITY OF FLORIDA
COLLISION-INDUCED DISSOCIATION OF DEUTERIUM POSITIVE
MOLECULAR ION/ IONS BY ARGON AND NITROGEN
J CHEM PHYS V45 N12 PP4377-4384 15 DEC 66
BY CHAMPION R L
DOVERSPIKE L O
HAILEY T L
OAR ACCESS NO.....014140-004
DOC NUMBER.....A0653823
INSTR...AF-AFOSR-0471-64
PROJECT/TASK.....9767/01

AFOSR 67-1376
STANFORD UNIVERSITY
ON STRUCTURAL PROPERTIES OF LINEAR CONSTANT MULTIVARIABLE
SYSTEMS
CONF INTERN FEDERATION AUTOM CONTROL 3RD LONDON 20-25 JUNE
1966 PP1-9
BY KALMAN H E
OAR ACCESS NO.....015390-001
DOC NUMBER.....A0653813
INSTR...AF-AFOSR-01440
PROJECT/TASK.....9749/01

AFOSR 67-1377
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
TRAJECTORY OPTIMIZATION TECHNIQUES
ADVANCES IN CONTROL SYSTEMS V4 PP103-155 NEW YORK ACADEMIC
PRESS INC 1966
BY KOPP R E
MUYEN H G
OAR ACCESS NO.....013762-014
DOC NUMBER.....A0653812
INSTR...AF-AFOSR-01707
PROJECT/TASK.....9749/01

AFOSR 67-1378
OLUF UNIVERSITY
A NOTE OF GRIFFITH CRACKS
PROC EDINBURGH MATH SOC V15 SER2 PT2 PP131-134 DEC 1966
BY LOWENGROH M
OAR ACCESS NO.....000393-006
DOC NUMBER.....A0653826
INSTR...AF-AFOSR-0435-63
PROJECT/TASK.....9749/01

AFOSR 67-1379
UNIVERSITY OF CALIFORNIA
ON CHEMILUMINESCENT RADIATION FROM NITROGEN DIOXIDE DURING
PCA EVENTS
J ATMOSPHERIC TERREST PHYS V24 PP317-320 1967
BY DOWEN R R
OAR ACCESS NO.....006934-001
DOC NUMBER.....A0653811
INSTR...AF-AFOSR-0331-65
PROJECT/TASK.....9751/94

AFOSR 67-1380
HARVARD UNIVERSITY
CAN THE SQUARE OF THE ISOTOPIC SPIN BE CONSERVED BUT
NOT THE TOTAL ISOTOPIC SPIN
PHYS REV LETTERS V16 N12 21 MAR 1966
BY COLEMAN S
OAR ACCESS NO.....004861-033
DOC NUMBER.....A0653810
INSTR...AF-AFOSR-01380
PROJECT/TASK.....9751/01

AFOSR 67-1381
HARVARD UNIVERSITY
ON THE METHOD OF DASHEN AND GELL-MANN
PHYS LETTERS V19 N2 PP144-146 1965
BY COLEMAN S
OAR ACCESS NO.....004861-035
DOC NUMBER.....A0653809
INSTR...AF-AFOSR-01380
PROJECT/TASK.....9751/01

AFOSR 67-1382
UNIVERSITY OF MICHIGAN
ON THE STATISTICAL INTERPRETATION OF THERMODYNAMIC ENTROPY
IN A STRONGLY COUPLED GAS
J CHEM PHYS VOL 47 PP 702-708 15 JAN 67
BY MICHELIS G
OAR ACCESS NO.....000983-005
DOC NUMBER.....AD653816
INSTR...AF-EDAR-0052-04
PROJECT/TASK.....9761/02

AFOSR 67-1383
DEPTO UNIVERSITY
PHOTON-ENHANCED FIELD EMISSION FROM CDS SINGLE CRYSTALS
ELECTRON LETTERS V3 N3 MAR 1967
BY HUSAIN S A
WALSH D
OAR ACCESS NO.....000103-005
DOC NUMBER.....AD653816
INSTR...AF-EDAR-0037-65
PROJECT/TASK.....9767/02

AFOSR 67-1384
UNIVERSITY OF ROCHESTER
OPTICAL PROPERTIES OF SOLID RARE GASES AND THEIR ALLOYS
/ABSTRACT ONLY/
AM PHYS SOC PHILADELPHIA SPRING 1966
BY BALDINI G
OAR ACCESS NO.....013771-005
DOC NUMBER.....AD612715
INSTR...AF-AFOSR-0236-65
PROJECT/TASK.....9767/02

AFOSR 67-1385
UNIVERSITY OF ROCHESTER
ULTRAVIOLET ADSORPTION OF SOLID ARGON KRYPTON AND XENON
PHYS REV V128 N4 PP1562-1567 15 NOV 67
BY BALDINI G
OAR ACCESS NO.....013771-006
INSTR...AF-AFOSR-0236-65
PROJECT/TASK.....9767/02

AFOSR 67-1386
UNIVERSITY OF ROCHESTER
EXCITONS AND THE OPTICAL PROPERTIES OF THE ALKALI HALIDES /
ABSTRACT ONLY/
AM PHYS SOC NASHVILLE SPRING 1966
BY TEEGARDEN K J
OAR ACCESS NO.....013771-007
DOC NUMBER.....AD653830
INSTR...AF-AFOSR-0236-65
PROJECT/TASK.....9767/02

AFOSR 67-1387
UNIVERSITY OF ROCHESTER
PHOTOREMISSION FROM SOLID XENON FILMS /ABSTRACT ONLY/
AM PHYS SOC WASH D C 2R APR 66
BY TEEGARDEN K
O HNIEN J F
OAR ACCESS NO.....013771-008
DOC NUMBER.....AD653825
INSTR...AF-AFOSR-0236-65
PROJECT/TASK.....9767/02

AFOSR 67-1388
OXFORD UNIVERSITY
INSTABILITIES IN A DRIFTING SEMICONDUCTOR PLASMA
PROC IEEE V54 N11 PP1596-1597 NOV 1966
BY MCNEILL P H
OAR ACCESS NO.....000103-006
DOC NUMBER.....AD653819
INSTR...AF-EDAR-0037-65
PROJECT/TASK.....9767/02

AFOSR 67-1389
UNIVERSITY OF CALIFORNIA
AURORA-ZONE ELECTRON PRECIPITATION ACCOMPANYING A SUDDEN
IMPULSE IN THE GEOMAGNETIC FIELD
J GEOPHYS RES V72 N9 1 MAY 1967
BY BROWN R R
OAR ACCESS NO.....000434-002
DOC NUMBER.....AD653819
INSTR...AF-AFOSR-0331-65
PROJECT/TASK.....9761/04

AFOSR 67-1390
UNIVERSITY OF PRINCETON
CONJUGATES AND LEGENDRE TRANSFORMS OF CONVEX FUNCTION.
CAN J MATH V19 PP200-205 1967
BY ROCKAFELLAR R T
OAR ACCESS NO.....022560-002
DOC NUMBER.....AD653820
INSTR...AF-AFOSR-1165-66
PROJECT/TASK.....9767/01

AFOSR 67-1391
UNIVERSITY OF SOUTHERN CALIFORNIA
MEASUREMENT OF DIFFUSION LENGTHS IN DIRECT-GAP
SEMICONDUCTORS BY ELECTRON-BEAM EXCITATION
J APPL PHYS V38 N1 PP375-382 JAN 1967
BY WITTRY D H
KYSER C F
OAR ACCESS NO.....011911-003
DOC NUMBER.....AD653822
INSTR...AF-AFOSR-0070-66
PROJECT/TASK.....9761/03

AFOSR 67-1392
ARIZONA STATE UNIVERSITY
HIGH TEMPERATURE HALL EFFECT IN CUPROUS OXIDE
PHYS LETTERS V28A N3 PP137-9 30 JAN 1967
BY MCKENZIE M L
MCKEPP E M
OAR ACCESS NO.....015150-001
DOC NUMBER.....AD653831
INSTR...AF-AFOSR-0710-65
PROJECT/TASK.....9763/02

AFOSR 67-1393
UNIVERSITY OF MARYLAND
EXTRAPOLATION PROBLEM IN CURRENT-ALGEBRA CALCULATIONS OF
THE PI PI SCATTERING LENGTHS
PHYS REV LETTERS V18 N17 PP722-726 24 APR 67
BY SUCHER J
KOU C H
OAR ACCESS NO.....002223-005
DOC NUMBER.....AD653817
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9761/01

AFOSR 67-1394
UNIVERSITY OF COLORADO
RACIAL ATTITUDE AS A DETERMINANT OF JUDGMENTS OF
PLAUSIBILITY
J SOCIAL PSYCHOL V70 PP139-147 1966
BY SELTZER C
COOK S W
OAR ACCESS NO.....013771-004
DOC NUMBER.....AD653827
INSTR...AF-AFOSR-0436-63
PROJECT/TASK.....9767/02

AFOSR 67-1395
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
STATIC AND DYNAMIC INSTABILITIES OF A PROPELLANT LINE
ASRL TR 134-3 MAY 1967
BY GREENWALD A S
DUGUNDJI J
OAR ACCESS NO.....001362-004
DOC NUMBER.....AD653832
INSTR...AF-AFOSR-0152-68
PROJECT/TASK.....9762/01

AFOSR 67-1396
UNIVERSITY OF CALIFORNIA
JOINT SERVICES ELECTRONICS PROGRAM FINAL REPORT FEB 1967
BY ANGELAKIS D J
WHINNERY J R
OAR ACCESS NO.....006705-003
DOC NUMBER.....AD618436
INSTR...AF-AFOSR-P-1-66
PROJECT/TASK.....4751/00

AFOSR 67-1397
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
NOZZLE FLOW OF A CHEMICALLY REACTING AND A RADIATING
IONIZED GAS
TR-141 JUNE 1967
BY SPURCHIA R C
OAR ACCESS NO.....001193-003
DOC NUMBER.....AD653833
INSTR...AF-49/638/01621
PROJECT/TASK.....9761/02

AFOSR 67-1398
NEW YORK UNIVERSITY
THE EFFECT OF A UNIFORMLY DISTRIBUTED LATERAL LOAD UPON THE
BUCKLING OF A CONTINUOUSLY SUPPORTED BEAM
NYU-AA-67-103 MAY 1967
BY KEHR A D
OAR ACCESS NO.....017022-001
DOC NUMBER.....AD653834
INSTR...AF-AFOSR-0813-67
PROJECT/TASK.....9762/01

AFOSR 67-1399
POLYTECHNIC INSTITUTE OF BROOKLYN
CRACK STRESS CONCENTRATION AT A CIRCULAR HOLE IN AN
INFINITE PLATE
FINAL REPORT NO 930 JULY 1967
BY PATEL S A
HIRSHBAUM M R
VENKATRAMAN B
OAR ACCESS NO.....001333-013
DOC NUMBER.....AD653833
INSTR...AF-49/638/01360
PROJECT/TASK.....9762/01

AFOSR 67-1400
OHIO STATE UNIVERSITY
EFFECT OF SIMULATED SOCIAL FEEDBACK ON INDIVIDUAL TRACKING
PERFORMANCE
J APPL PSYCHOL V51 N2 PP145-151 1967
BY JOHNSTON W A
NARWICKI L M
OAR ACCESS NO.....019850-004
DOC NUMBER.....AD653904
INSTR...AF-AFOSR-0985-66
PROJECT/TASK.....9767/02

AFOSR 67-1401
STANFORD UNIVERSITY
ACQUATE CW MEASUREMENTS OF OPTICAL SECOND-HARMONIC
GENERATION IN AMMONIUM DIHYDROGEN PHOSPHATE AND CALCITE
PHYS REV V158 N3 PP851-860 15 FEB 1967
BY HJUNKHOFF J E
SIEGMAN A E
OAR ACCESS NO.....004753-004
DOC NUMBER.....AD654468
INSTR...AF-49/638/01524

AFOSR 67-1402
UNIVERSITY OF CALIFORNIA
THE EFFECT OF SUMMERING (EQUIN)
HARRY J. EPTL PSYCHOL VIB 173 1967
BY GOTTSAMER H
DAR ACCESS NO.....005570-001
DOC NUMBER.....AD653977
INST.....AF-67-1402-01
PROJECT/TASK.....9774/01

AFOSR 67-1401
UNIVERSITY OF COLORADO
THE EFFECTS OF CONTEXT AND OF MATERNAL ATTITUDES ON
JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL
GROUP
J SOCIAL PSYCHOL V 17 1967
BY EDRICH H
SLETTIZ C
COOK M W
DAR ACCESS NO.....013732-005
DOC NUMBER.....AD653416
INST.....AF-67-1401-03
PROJECT/TASK.....9774/02

AFOSR 67-1404
MELLEN INSTITUTE
STACKING FAULT ENERGIES OF THE STRUCTURALLY RELATED COPPER
-GALLIUM ALPHA AND ZETA PHASES
ACTA MET V 15 1966
BY ASHMEY K F G
VASSARILLET L F
DAR ACCESS NO.....013020-001
DOC NUMBER.....AD653405
INST.....AF-67-1404-05
PROJECT/TASK.....9761/03

AFOSR 67-1405
UNIVERSITY OF CALIFORNIA
REGGE RULES AND UNIFORM-MASS SCATTERING PROCESSES
PHYS REV V 153 N 2 1967
BY FREEDMAN D J
KANG J W
DAR ACCESS NO.....005134-000
DOC NUMBER.....AD654006
INST.....AF-67-1405-06
PROJECT/TASK.....9751/01

AFOSR 67-1406
UNIVERSITY OF TEXAS
NONRECIPROCAL TUNNEL DIODE DISTRIBUTED AMPLIFIER
IEEE TRANS ELECTRON DEVICES V 14 1967
BY PATSON R C
HARDMONT C J
KELEFN H D
DAR ACCESS NO.....015241-005
DOC NUMBER.....AD654025
INST.....AF-67-1406-06
PROJECT/TASK.....9751/00

AFOSR 67-1408
HARVARD UNIVERSITY
ELECTROMAGNETIC WAVES OF PSEUDOSCALAR RESONANCE
PHYS REV V 146 N 2 1967
BY NICH M T
DAR ACCESS NO.....004961-012
DOC NUMBER.....AD653906
INST.....AF-67-1408-01
PROJECT/TASK.....9751/01

AFOSR 67-1409
HUNTON UNIVERSITY
WILCOX CONFERENCE INTERVALS FOR LOCATION PARAMETERS IN
THE DISCRETE CASE
J AM STATIST ASSOC V 62 1967
BY NORTHER G E
DAR ACCESS NO.....009561-002
DOC NUMBER.....AD653915
INST.....AF-67-1409-02
PROJECT/TASK.....9749/02

AFOSR 67-1410
UNIVERSITY OF SOUTHERN CALIFORNIA
A STEREOSCOPIC DISPLAY SYSTEM FOR ELECTRON MICROSCOPE
IMAGINGS
J SCI INSTR V 44 1967
BY RITTY D H
VANCOUVERING A
DAR ACCESS NO.....011911-004
DOC NUMBER.....AD654023
INST.....AF-67-1410-04
PROJECT/TASK.....9761/03

AFOSR 67-1411
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ABSORPTION PEAK FOR ULTRASONIC WAVES NEAR THE SPIN-FLIP
TRANSITION OF UNIAKIAL ANTIFERROMAGNETS
PHYS LETT V 24 A 7 1967
BY SHAPIRA Y
DAR ACCESS NO.....007912-003
DOC NUMBER.....AD653903
INST.....AF-67-1411-03
PROJECT/TASK.....9764/01

AFOSR 67-1412
UNIVERSITY OF ILLINOIS
CLASSIFICATION AND ENUMERATION OF AUTONOMOUS SEQUENTIAL
MACHINES
TECH REPT NO 12 JUNE 1967
BY RYAN H F
DAR ACCESS NO.....012153-002
DOC NUMBER.....AD653929
INST.....AF-67-1412-07
PROJECT/TASK.....9769/04

AFOSR 67-1413
UNIVERSITY OF ILLINOIS
UNCERTAINTY ANALYSIS IN DYNAMIC SYSTEMS
TECH REPT NO 10 MAY 1967
BY WIDENS S G
DAR ACCESS NO.....012153-003
DOC NUMBER.....AD654310
INST.....AF-67-1413-07
PROJECT/TASK.....9769/04

AFOSR 67-1414
UNIVERSITY OF ILLINOIS
THE SIGNIFICANCE OF THE SECOND FORMANT IN SPEECH
INTELLIGIBILITY
TECH REPT NO 10 JULY 1966
BY THOMAS E H
DAR ACCESS NO.....012152-002
DOC NUMBER.....AD654326
INST.....AF-67-1414-06
PROJECT/TASK.....9769/04

AFOSR 67-1415
MELLEN INSTITUTE
ON THE NATURE OF MASSIVE PHASES IN HYPOEUTECTIC COPPER-
GALLIUM ALLOYS
ACTA MET V 15 1967
BY ASHMEY K F G
VASSARILLET L F
DAR ACCESS NO.....013020-002
DOC NUMBER.....AD653410
INST.....AF-67-1415-05
PROJECT/TASK.....9761/03

AFOSR 67-1416
WASHINGTON UNIVERSITY
PULSED NUCLEAR MAGNETIC RESONANCE IN ROTATING SOLIDS
PHYS REV V 155 N 2 1967
BY KESSEMEIER H
NORRBERG H E
DAR ACCESS NO.....002193-001
DOC NUMBER.....AD654116
INST.....AF-67-1416-06
PROJECT/TASK.....9767/01

AFOSR 67-1417
UNIVERSITY OF TEXAS
PHOTOCOLLECTOR SPECTRA OF FLUORINATED BENZENES
TETRAHYDROPHENYLENES N 25 1967
BY DEWAR M J S
KELEFN J
DAR ACCESS NO.....019691-001
DOC NUMBER.....AD654231
INST.....AF-67-1417-07
PROJECT/TASK.....9762/01

AFOSR 67-1418
INSTITUTE FOR ADVANCED STUDY
ON THE CLOSURE OF CHARACTERS AND THE ZERO OF ENTIRE
FUNCTIONS
ACTA MATH V 118 1967
BY UCHLING A
MALLJAVIN P
DAR ACCESS NO.....021610-003
DOC NUMBER.....AD654075
INST.....AF-67-1418-06
PROJECT/TASK.....9769/02

AFOSR 67-1419
UNIVERSITY OF MINNESOTA
STRUCTURES ON NON-MANIFOLDUS
REND MAT V 25 1966
BY GUGGENHEIMER H
DAR ACCESS NO.....018940-003
DOC NUMBER.....AD654247
INST.....AF-67-1419-04
PROJECT/TASK.....9749/02

AFOSR 67-1420
SOUTH DAKOTA STATE UNIVERSITY
SPR OF THE COMMUNICATOR AS A VARIABLE IN SOURCE CREDIBILITY
J SOCIAL PSYCHOL V 72 1967
BY WHITTAKER J D
WEAVER H D
DAR ACCESS NO.....016390-002
DOC NUMBER.....AD654233
INST.....AF-67-1420-05
PROJECT/TASK.....9774/02

AFOSR 67-1421
UNIVERSITY OF CALIFORNIA
NON-USUAL TOPOLOGIES ON SPACE-TIME AND HIGH-ENERGY
SCATTERING
J MATH PHYS V 8 1967
BY ATKINSON D
HALPERN M B
DAR ACCESS NO.....005134-009
DOC NUMBER.....AD654250
INST.....AF-67-1421-06
PROJECT/TASK.....9751/01

AFOSR 67-1422
UNIVERSITY OF TORONTO
LOCALIZED DIAGNOSTIC POSSIBILITIES OF SELECTIVE
EXCITATION SPECTROSCOPY
UTIAS REPORT NO 127 SEPT 1967
BY MEASURES H M
DAR ACCESS NO.....019761-001
DOC NUMBER.....AD654740
INST.....AF-67-1422-06
PROJECT/TASK.....9752/01

AFOSR 67-1421
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-001
DOC NUMBER.....AD654321
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1428
UNIVERSITY OF MARYLAND
TERTIARY POLYMER COMPLEXES OF PENTAMETHYL AND PALLADIUM
IIII
J ORG CHEM V30 PP2522-2531 AUG 1965
HY KEITH H C
DAR ACCESS NO.....019170-008
DOC NUMBER.....AD654328
INST.....AF-AFOSR-0573-65
PROJECT/TASK.....9762/01

AFOSR 67-1429
UNIVERSITY OF WISCONSIN
PHOTO NMR SPECTRA OF METHYLPOLYSILANES
J ORG CHEM V30 PP2522-2531 AUG 1965
HY WEST H
KRAMER E A
CARNEY H E
DAR ACCESS NO.....019170-001
DOC NUMBER.....AD654321
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1437
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-002
DOC NUMBER.....AD654329
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1438
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
BY-PRODUCTS OF THE EMMISON ALKYLATION REACTION WITH CYCLO-
PENTANE CYCLOPENTANE AND CYCLOPENTANE-1-2-DIONE
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
MAGIN D W
CARLSON H G
FRANCK H R
DAR ACCESS NO.....019170-003
DOC NUMBER.....AD654330
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1439
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE STANDARDIZATION OF SOLUTIONS OF METHYLETHIUM AND
METHYLETHIUM DERIVATIVES
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-004
DOC NUMBER.....AD654341
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1440
UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION
ON THE SUBSTITUTED CHROMOPHORE FOR CONJUGATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-005
DOC NUMBER.....AD654352
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/01

AFOSR 67-1441
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-006
DOC NUMBER.....AD654363
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1442
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-007
DOC NUMBER.....AD654374
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1443
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-008
DOC NUMBER.....AD654385
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1434
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-009
DOC NUMBER.....AD654396
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1435
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-010
DOC NUMBER.....AD654407
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1436
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-011
DOC NUMBER.....AD654418
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1437
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-012
DOC NUMBER.....AD654429
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1438
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-013
DOC NUMBER.....AD654440
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1439
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-014
DOC NUMBER.....AD654451
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1440
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-015
DOC NUMBER.....AD654462
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1441
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-016
DOC NUMBER.....AD654473
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1442
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-017
DOC NUMBER.....AD654484
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1443
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBONIUM ION SELECTIVE ALKYLATION IN
UNSATURATED SYSTEMS
J ORG CHEM V30 PP2522-2531 AUG 1965
HY HOUSE H O
TROST D M
DAR ACCESS NO.....019170-018
DOC NUMBER.....AD654495
INST.....AF-AFOSR-0573-64
PROJECT/TASK.....9762/02

AFOSR 67-1444
UNIVERSITY OF CALIFORNIA
REFLECTION ANOMALIES
PHYS NEW LETTERS VIO N13 07752-754 1 MAY 1967
BY MATTHEWS R E
ZACHARIASSEN W H
BERRY G B
PROJECT/TASK.....07752/01

AFOSR 67-1445
UNIVERSITY OF ILLINOIS
EVIDENCE FOR COHERENT MODE SCATTERING IN ACRYLIC POLYMERS
PHYS NEW LETTERS VIO N13 07752-754 1 MAY 1967
BY JENSEN G
NANDHILL G
PROJECT/TASK.....07752/01

AFOSR 67-1446
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
INVESTIGATION OF CENTRIFUGAL AND TORSION IN NEMATICS
ISOTROPIC 1967
PHYS NEW LETTERS VIO N13 07752-754 1 MAY 1967
BY JENSEN G
NANDHILL G
PROJECT/TASK.....07752/01

AFOSR 67-1447
UNIVERSITY OF CALIFORNIA
ANALYSIS OF THE 3D TO 2D FOUR-VECTOR TART
SCATTERING
PHYS NEW LETTERS VIO N13 07752-754 1 MAY 1967
BY JENSEN G
NANDHILL G
PROJECT/TASK.....07752/01

AFOSR 67-1448
UNIVERSITY OF ROCHESTER
OPTICAL CONSTANTS OF A NOVEL POLYMERIZATION
NUOVO CIMENTO SER B VOL 40 1967
BY JENSEN G
NANDHILL G
PROJECT/TASK.....07752/01

AFOSR 67-1449
UPPSALA UNIVERSITY
EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC
CONSTANTS OF SOME IONIC CRYSTALS
ACTA UNIV UPSALIENSIS VOL 216 1967
BY VALLIN J
PROJECT/TASK.....07752/01

AFOSR 67-1450
HARVARD UNIVERSITY
ADAPTATION OF LIGANDS TO MANIPULATION
J GEN PSYCHOL VOL 72 1967
BY WILKINSON A
TAYLOR M
TEICHNER W H
PROJECT/TASK.....07752/01

AFOSR 67-1451
UNIVERSITY OF ROCHESTER
DIAGONAL COMPONENT-STATE REPRESENTATION OF QUANTUM OPERATORS
PHYS NEW LETTERS VIO N13 07752-754 1 MAY 1967
BY NEMTA C L
PROJECT/TASK.....07752/01

AFOSR 67-1452
OHIO STATE UNIVERSITY
TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN
SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES
PHYS NEW LETTERS VIO N13 07752-754 1 MAY 1967
BY VADON M
BALOGH D L
BOUGHTON C E
JENSEN W A JR
PROJECT/TASK.....07752/01

AFOSR 67-1453
WESTINGHOUSE ELECTRIC CORPORATION
NATURE OF THE DEFECTS IN GERMANIUM TELEVISION
J PHYS CHEM SOLIDS VOL 28 1967
BY SAMON D P
LITTLE W N
MAZURSKY R
PROJECT/TASK.....07752/01

AFOSR 67-1454
UNIVERSITY OF MINNESOTA
AN INVESTIGATION OF QUANTUM THEORY OF COHERENT SCATTERING
PHYS NEW LETTERS VIO N13 07752-754 1 MAY 1967
BY JENSEN G
NANDHILL G
PROJECT/TASK.....07752/01

AFOSR 67-1455
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OPTICAL MAGNETIC MEASUREMENT TECHNIQUES
J APPL PHYS VOL 38 1967
BY JENSEN G
NANDHILL G
PROJECT/TASK.....07752/01

AFOSR 67-1456
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1457
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1458
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1459
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1460
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1461
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1462
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1463
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1464
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1465
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1466
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1467
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1468
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1469
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1470
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1471
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1472
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1473
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1474
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1475
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1476
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1477
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1478
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1479
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1480
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1481
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1482
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1483
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1484
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1485
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1486
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1487
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1488
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1489
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1490
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1491
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1492
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1493
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1494
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1495
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1496
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1497
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1498
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1499
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

AFOSR 67-1500
UNIVERSITY OF CALIFORNIA
POLYMER INVARIANTS AND HIGH ORDER COHOMOLOGY
OPERATIONS
ANN MATH VOL 87 1967
BY THOMAS J
PROJECT/TASK.....07752/01

[illegible]

REF ID: A68079

DECLASSIFICATION AUTHORITY:
EXECUTIVE ORDER 11652, 1/25/66
E.O. 11652, JAN 25 1966

DATE RECLASSIFIED:

DAM ACCESS N3.....010500-0000
DOC NUMBER.....AD004972
INSTN...AP-407638/01588
PROJECT/TASK.....9767/03

[illegible]

AFOSR-77-1022
CORNELL UNIVERSITY
NATHAN DISSEMINATIONS OF CIA TOR
ATMOSP J 271 NIO PP1010-1022 DEC 1986

SJ TAZIAN Y

DAR ACCESS NO.....500080-03A
DOC NUMBER.....AD654824
INST.....AF-49/63R/01156
PROJECT/TASK.....2838/00

UNIVERSITY OF DARMSTADT
INSTITUTE FOR PLASMA PHYSICS
MARCH 1967

BY WILFRED D. H.

CAR ACCESS NO.....014310-002
DOC NUMBER.....AD654258
INST.....AF-11/052/00734
PROJECT/TASK.....9752/01

117 TURSUMUGLU H
 MUSTAFA
 UNIVERSITY OF FIAT
 SPACE-TIME AND ORIGIN OF INTERNAL SYMMETRIES
 PHYS REV V155 N5 PP1863-1871 25 MARCH 1967
 QAN ACCESS NO.....014180-005
 DOC NUMBER.....A0654827
 INSTR.....AF-49/D38/01260
 PROJ ICT/IASK.....9767/01

AF 154 AF-1840
IMPIEGHISTA DEGLI STUDI DI GENOVA
MAIN STEM STRUCTURES RESPONSIBLE FOR THE
ELECTROENCEPHALOGRAPHIC PATTERNS OF DESYNCHRONIZED SLEEP
SCIENCE 1155 N3763 AF720-722 10 FEB 1967
OAM ACCESS NO.....005924-004
DDC NUMBER.....A058032
MY CANADA U
R0554 G F
INST. ...AF-617/032/00801
PRCJCEJ1A5E105330000977700

[illegible]

APR 1981 07-18481
UNIVERSITA DEGLI STUDI DI GENOVA
VISUAL EVOKED POTENTIALS AS RECORDED FROM THE SCALP AND
FROM THE VISUAL CORTER BEFORE AND AFTER SURGICAL REMOVAL
OF THE OCCIPITAL POLY IN MAN
ELETTRONEUROLOGIA CLIN NEUROFISIOLOGIA V22 PP378-380 1967
OAP ACCESS NO.....005924-00
OAP NUMBER.....00654633
INST.....AF-61/0527/00901
PROG.....E172456.....927770

AFOSR 67-1482
STANFORD UNIVERSITY
CONFIDENTIAL STATISTICS OF POLY ETHYLENE
TEREPHTHALATE/ CHAINS
J POLYMER SCI VS PTA-2 PP417-424 1967
RY WILLIAMS A D UAR ACCESS NO.....010391-02
FLURY P J DDC NUMBER.....A0634248
INSTN...AF46/3B/01341
PROJECT/TAFFH.....0700/0

AFOSR 67-1483
STANFORD UNIVERSITY
CONFIGURATIONAL STATISTICS OF POLYAMIDE CHAINS
J POLYMER SCI A-2 V3 PP399-415 1967
BY FLORY P J
WILLIAMS A D
OAR ACCESS NO.....010391-029
DDC NUMBER.....AD654629
INSTR...AF-AP-67/01361
PROJECT/TASK.....9760/03

AFOSR 67-1484
STANFORD UNIVERSITY
LEARNING THEORY FOR STIMULUS AND RESPONSE CONTINUA FINAL
REPORT JUNE 1967
BY SUPPES P
OAR ACCESS NO.....010360-004
DDC NUMBER.....AD654698
INSTR...AF-AP-67/01253
PROJECT/TASK.....9778/01

AFOSR 67-1485
UNIVERSITY OF SOUTHERN CALIFORNIA
SOLUTION OF INTEGRAL EQUATIONS BY HYBRID COMPUTATION
PROCEEDINGS ON AFIPS FALL COMPUTER CONFERENCE
ANALFIM CALIF. 14-16 NOV 1967 V31, PP143-148 NOV 1967
BY BECKY G A
TUNOVIC R
MALONEY J C
OAR ACCESS NO.....021211-021
DDC NUMBER.....AD654633
INSTR...AF-AP-67/01018-07
PROJECT/TASK.....9769/03

AFOSR 67-1487
UNIVERSITY OF SOUTHERN CALIFORNIA
ANALYSIS AND SYNTHESIS OF DISCRETE-TIME SYSTEMS WITH
CONTROL SIGNALS OF VARIABLE AMPLITUDE AND PULSE-WIDTH
USCER MEET 205 JUNE 1967
BY NARDIZZI L H
OAR ACCESS NO.....021211-002
DDC NUMBER.....AD654632
INSTR...AF-AP-67/01018-07
PROJECT/TASK.....9769/03

AFOSR 67-1488
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SOVIET NEWSPAPERS AND MAGAZINES
C/67-5 MARCH 1967
BY HOLLANDER G D
OAR ACCESS NO.....015900-015
DDC NUMBER.....AD654734
INSTR...AF-AP-67/01237
PROJECT/TASK.....9771/00

AFOSR 67-1489
NEW YORK RESEARCH GROUP INC
A MATHEMATICAL MODEL FOR THE PERCEPTION OF TONES IN
CONTEXT PART II
TECH REPT 2 MAY 1967
BY ROTHENBERG D
OAR ACCESS NO.....017791-002
DDC NUMBER.....AD654817
INSTR...AF-AP-67/01734
PROJECT/TASK.....9769/05

AFOSR 67-1490
COLUMBIA UNIVERSITY
ANALYSIS OF DEPOLARIZING AND HYPERPOLARIZING INACTIVATION
RESPONSES IN GYMNOSTIC ELECTROPLAQUES
J GEN PHYSIOL V50 N1 PP141-160 SEP 1966
BY BENNETT M V L
GRUNDFEST H
OAR ACCESS NO.....014561-003
DDC NUMBER.....AD654902
INSTR...AF-AP-67/01550-05
PROJECT/TASK.....9777/01

AFOSR 67-1491
COLUMBIA UNIVERSITY
SPECIALIZED JUNCTIONS INVOLVED IN ELECTRICAL TRANSMISSION
BETWEEN NEURONS
ANN NY ACAD SCI V137 ARTICLE2 PP495-508 14 JUL 1966
BY PAPPAS G D
BENNETT M V L
OAR ACCESS NO.....014560-003
DDC NUMBER.....AD654914
INSTR...AF-AP-67/01550-04
PROJECT/TASK.....9777/01

AFOSR 67-1492
COLUMBIA UNIVERSITY
PHYSIOLOGY OF ELECTROTUNIC JUNCTIONS
ANN NY ACAD SCI V137 ARTICLE2 PP509-519 14 JUL 1966
BY BENNETT M V L
OAR ACCESS NO.....014560-004
DDC NUMBER.....AD654944
INSTR...AF-AP-67/01550-04
PROJECT/TASK.....9777/01

AFOSR 67-1493
CARNegie INSTITUTE OF TECHNOLOGY
SURFACE DISLOCATION SOURCES AND PLASTIC FLOW IN SILVER
MONOCRYSTALS
ENVIRONMENT-SENSITIVE MECHANICAL BEHAVIOR OF A H C WESTWOOD
GORDON AND BREACH NEW YORK PP183-212 1966
BY ROBINSON W H
WOLZLA F J
OAR ACCESS NO.....010440-002
DDC NUMBER.....AD654815
INSTR...AF-AP-67/01455-04
PROJECT/TASK.....9763/01

AFOSR 67-1494
UNIVERSITY OF CALIFORNIA
A PROGRAM TO ESTABLISH THE AFOSR PROGRAM FOR SPACE
CHEMISTRY FINAL REPORT JULY 1967
BY LIBBY W F
OAR ACCESS NO.....012982-006
DDC NUMBER.....AD655108
INSTR...AF-AP-67/0245-05
PROJECT/TASK.....9710/03

AFOSR 67-1495
UNIVERSITA DEGLI STUDI DI GENOVA
RESEARCHES AND CONSIDERATIONS ON THE HEMISPHERIC DOMINANCE
AND SPECIALIZATION IN MAN /ITALIAN/
NINERVA NEUROCHIMURGICA V10 N3
PP337-349 JUL-SEPT 1966
BY MISADINI G
NIVANO C
ROSSI G F
JAVINI V
RUSA M
OAR ACCESS NO.....003928-010
DDC NUMBER.....AD654892
INSTR...AF-61/052/00901
PROJECT/TASK.....9777/01

AFOSR 67-1497
UNIVERSITY OF TEXAS
TRIPLET-STATE YIELD OF FLUOROBENZENE BY THE SENSITIZATION
OF THE ISOMERIZATION OF CIS-BUTENE-2
J PHYS CHEM V71 N6 PP1839-1841 MAY 1967
BY PHILLIPS D
OAR ACCESS NO.....015290-005
DDC NUMBER.....AD654816
INSTR...AF-AP-67/0778-05
PROJECT/TASK.....9760/02

AFOSR 67-1498
INDIANA UNIVERSITY
MASKING-LEVEL DIFFERENCES WITH CONTINUOUS AND WITH BURST
MASKING NOISE
J ACQUIS SOC AM V40 N6 PP1414-1419 DEC 66
BY MIFANDEN D
OAR ACCESS NO.....014343-001
DDC NUMBER.....AD654603
INSTR...AF-AP-67/0849-07
PROJECT/TASK.....9769/03

AFOSR 67-1499
CREGON STATE UNIVERSITY
DIFFUSION OF LEAD IONS IN SODIUM CHLORIDE
J CHEM PHYS V46 N5 PP2000-2001 1 MAY 67
BY ALLEN C A
IRELAND D T
FREDERICKS W J
OAR ACCESS NO.....011811-001
DDC NUMBER.....AD654819
INSTR...AF-AP-67/0217-06
PROJECT/TASK.....9761/02

AFOSR 67-1500
UNIVERSITY OF HOUSTON
HIGH TEMPERATURE ACID-BASE REACTIONS-II METHYL-AMMONIUM
CHLORIDE WITH CERTAIN METAL OXIDES
J INORG NUCL CHEM V29 PP997-1002 1967
BY SOUTHERN T H
WENDLANDT W W
OAR ACCESS NO.....020001-001
DDC NUMBER.....AD654867
INSTR...AF-AP-67/1190-07
PROJECT/TASK.....9710/02

AFOSR 67-1501
UNIVERSITY OF FLORIDA
THE DIRECT OBSERVATION OF INDIVIDUAL CRYSTALLINE
DISLOCATIONS
ENGR PROG UNIV FLA V21 N6 PP53-73 JUN 1967 IND L EXPTL
PUBL N378 CHALLENGE 1970S PROC SPACE CONGR 8TH 3-6 APR 1967
SESS19 NAT TECH COCA BEACH FLA CANAVERAL COUNCIL TECH SOC
OAR ACCESS NO.....022240-001
DDC NUMBER.....AD655134
INSTR...AF-AP-67/1142-06
PROJECT/TASK.....9763/01

AFOSR 67-1503
SOUTHERN ILLINOIS UNIVERSITY
CLEAVAGE FEATURES IN A ORTHORHOMBIC CRYSTAL
MINERAL SOC INDIA [MA V PP189-196 1966
BY AMOKUS J L
OAR ACCESS NO.....018561-001
DDC NUMBER.....AD654605
INSTR...AF-AP-67/0596-06
PROJECT/TASK.....9761/02

AFOSR 67-1504
YESHIVA UNIVERSITY
TREES AND NEST STRUCTURES
J SYMBOLIC LOGIC V31 N3 PP303-321 3 SEP 1966
BY SMULLYAN H M
OAR ACCESS NO.....010782-001
DDC NUMBER.....AD654613
INSTR...AF-AP-67/0433-04
PROJECT/TASK.....9769/06

AFOSR 67-1505
UNIVERSITA DEGLI STUDI DI NAPLES
NONANALYTICAL PROPERTIES OF PROPAGATORS THE /G PH/ THEORY
NUOVO CIMENTO SEB X V38 PP177-1793 10 AUG 65
BY CAIANIELLO E M
CAMMOLATTANO A
MARINAKU M
OAR ACCESS NO.....026048-005
DDC NUMBER.....AD654830
INSTR...AF-61/052/00874
PROJECT/TASK.....9761/01

AFOSR 67-1506
PRINCETON UNIVERSITY
DERIVATIONS OF HILBERTS FOR N-DIMENSIONAL SYSTEMS
AND VARIETY SYSTEMS BY MEANS OF THE FUNCTIONAL CALCULUS
J MATH PHYS V6 N3 PP553-560 MAR 67
BY NAKAYAMA T
DAWSON J W
DAR ACCESS NO.....016400-010
DOC NUMBER.....AD65417
INSTN...AF-49/634/01276
PROJECT/TASK.....9761/03

AFOSR 67-1507
STAMFORD UNIVERSITY
HYPERBOLIC LAMINAR SPANNATION IN MINUTELY BLUNTED CONES IN
SLIP FLOW
BY ALBURN M H
DAR ACCESS NO.....001402-009
DOC NUMBER.....AD65475
INSTN...AF-49/634/01276
PROJECT/TASK.....9761/02

AFOSR 67-1508
CASE INSTITUTE OF TECHNOLOGY
TRANSIENT NATURAL CONVECTION IN A VERTICAL TUBE WITH
NON-AXISYMMETRIC WALL TEMPERATURE
FAS/TR-67-18 JUNE 1967
BY LU P C
SAMMA G S R
DAR ACCESS NO.....007044-001
DOC NUMBER.....AD65549
INSTN...AF-49/634-0194-07
PROJECT/TASK.....9761/01

AFOSR 67-1509
CASE INSTITUTE OF TECHNOLOGY
THE RAYLEIGH-TAYLOR STABILITY OF CONFINED VISCOUS FLUIDS
WITH AN INTERFACE FINAL REPORT JUNE 1967
FAS/TR-67-23 JUNE 1967
BY PHUTOR M J
OSTRACH S
DAR ACCESS NO.....009084-002
DOC NUMBER.....AD65508
INSTN...AF-49/634-0194-07
PROJECT/TASK.....9761/01

AFOSR 67-1511
UNIVERSITY OF CALIFORNIA
OPTIMUM CRITICAL IMPULSE FOR SNAP-THROUGH IN SYSTEMS OF
ONE DEGREE OF FREEDOM
NO 3 JULY 1967
BY HUANG N C
NACHMAN S
PRAGER W
DAR ACCESS NO.....027740-003
INSTN...AF-49/634-1226-07
PROJECT/TASK.....9762/01

AFOSR 67-1512
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
AN APPROXIMATE SOLUTION OF THE BOUNDARY LAYER EQUATIONS
USING THE METHOD OF PARAMETRIC DIFFERENTIATION
FLUID DYNAMICS RESEARCH GROUP REPORT NO 167-1 JUNE 1967
BY IVES D C
DAR ACCESS NO.....001199-004
DOC NUMBER.....AD65691
INSTN...AF-49/634/01622
PROJECT/TASK.....9761/02

AFOSR 67-1513
UNIVERSITA DEGLI STUDI DI NAPLES
DYNAMICAL REARRANGEMENT OF SYMMETRIES II THE COMPLEX SCALAR
FIELD
NUOVO CIMENTO SER X V42 PP565-584 APR 66
BY NAKAGAWA K
SEN M N
UMEZAWA H
DAR ACCESS NO.....006047-006
DOC NUMBER.....AD65431
INSTN...AF-61/052/00470
PROJECT/TASK.....9761/01

AFOSR 67-1514
UNIVERSITY OF CALIFORNIA
THE CHEMISTRY OF METALLOGENES I CARBONUM ION STABILIZATION
BY THE PERMUTANTYL GROUP
J AM CHEM SOC V89 NO PP204-2316 10 MAY 1967
BY TAYLOR T G
WARE J C
DAR ACCESS NO.....014390-005
DOC NUMBER.....AD65460
INSTN...AF-49/634-0514-04
PROJECT/TASK.....9762/02

AFOSR 67-1515
UNIVERSITY OF NEW MEXICO
OPTICAL EXCITATION OF TRANSITION-METAL IONS VIA
INTRAMOLECULAR ENERGY TRANSFER
J CHEM PHYS V64 NO PP160-164 1967
BY CHOIUY G A
DAR ACCESS NO.....011741-003
DOC NUMBER.....AD65404
INSTN...AF-49/634-0209-05
PROJECT/TASK.....9710/02

AFOSR 67-1516
COLUMBIA UNIVERSITY
MOLECULAR PHOTOCHEMISTRY BY SOLUTION PHOTOCHEMISTRY OF
CYCLOHEPTANONE AND SOME DERIVATIVES
TETRAHEDRON LETTERS NO PP543-551 1967
BY TURNER N J
SOUTHERN M W
DAR ACCESS NO.....019400-003
DOC NUMBER.....AD65401
INSTN...AF-49/634-1300-06
PROJECT/TASK.....9762/02

AFOSR 67-1517
POLYTECHNIC INSTITUTE OF BROOKLYN
APPLICATION OF GAUF THEORY TO THE SENSITIVITY DESIGN OF
INITIAL SYSTEMS
IEEE TRANS AUTO CONTROL VAC-12 NO PP45-57 FEB 1967
BY DOWATO P
KESTENDAM A
DAR ACCESS NO.....001688-030
DOC NUMBER.....AD65462
INSTN...AF-49/634/01402
PROJECT/TASK.....9751/00

AFOSR 67-1518
STATE UNIVERSITY OF NEW YORK
NOTES ON THE REALIZATION OF WHITEHEAD PRODUCTS
QUART J MATH V17 NO6 PP180-184 JUN 1966
BY STEIN N
DAR ACCESS NO.....019870-001
DOC NUMBER.....AD65462
INSTN...AF-49/634/01402
PROJECT/TASK.....9769/08

AFOSR 67-1519
IIT RESEARCH INSTITUTE
PHASE MIGRATION IN A MONOTHERMAL FIELD FINAL REPORT MARCH
1967
IITRI-C212-11 MARCH 1967
BY HICKSON T A
DAR ACCESS NO.....009810-004
DOC NUMBER.....AD655145
INSTN...AF-49/634/01121
PROJECT/TASK.....9760/02

AFOSR 67-1520
NEW YORK UNIVERSITY
FINITE VERSIONS OF THE AXIOM OF CHOICE
ALG - 1 JUNE 1967
BY ZUCKERMAN M M
DAR ACCESS NO.....020681-001
DOC NUMBER.....AD65808
INSTN...AF-49/634-0995-07
PROJECT/TASK.....9769/06

AFOSR 67-1521
IIT RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY
IITRI-C227-18 MARCH 1967
BY SOLOMON I J
DAR ACCESS NO.....018430-004
DOC NUMBER.....AD655145
INSTN...AF-49/634/01175
PROJECT/TASK.....9713/02

AFOSR 67-1522
GENERAL DYNAMICS
COMMUNICATION AND INFORMATION THEORY ASPECTS OF THE
NEURON SYSTEM FINAL REPORT JULY 1967
BY AGALIDES P
DAR ACCESS NO.....012501-001
DOC NUMBER.....AD654629
INSTN...AF-49/634/01470
PROJECT/TASK.....9769/02

AFOSR 67-1523
UNIVERSITY OF UTAH
EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES AND
CREATIVE ABILITIES FINAL REPORT APRIL 1967
BY TAYLOR C W
GHISELIN H
YAGI K
DAR ACCESS NO.....012820-004
DOC NUMBER.....AD65475
INSTN...AF-49/634-0144-03
PROJECT/TASK.....9769/03

AFOSR 67-1524
YESHIVA UNIVERSITY
ON TRANFINITE RECURSION
TRANS N Y ACADE SCI PP175-185 DEC 1966
BY SMULLYAN R M
DAR ACCESS NO.....010783-001
DOC NUMBER.....AD65475
INSTN...AF-49/634-0433-05
PROJECT/TASK.....9769/06

AFOSR 67-1525
YESHIVA UNIVERSITY
FINITE NEST STRUCTURES AND PROPOSITIONAL LOGIC
J SYMBOLIC LOGIC V31 NO PP327-328 SEP 1966
BY SMULLYAN R M
DAR ACCESS NO.....010781-003
DOC NUMBER.....AD65475
INSTN...AF-49/634-0433-03
PROJECT/TASK.....9769/06

AFOSR 67-1526
COLUMBIA UNIVERSITY
CYCLOPENTANONES V INHIBITION OF POLYMERIZATION AND ADDITION
OF ACIDS
J AM CHEM SOC V89 NO PP1028-15 FEB 1967
BY TURRO N J
HAMMOND W R
DAR ACCESS NO.....019400-004
DOC NUMBER.....AD65461
INSTN...AF-49/634-1000-06
PROJECT/TASK.....9760/02

AFOSR 67-1527
OHIO UNIVERSITY
TRANSITION MATRIX DESCRIPTION OF DYNAMIC
MAGNETOCOUPLIVITY
PHYS LETTERS 284A N7 PP392-393 MAR 1967
BY FUJITA S
CHEN C C
DAR ACCESS NO.....014890-007
DOC NUMBER.....AD654802
INSTR.....AF-APDSH-0496-68
PROJECT/TASK.....0761/01

AFOSR 67-1528
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETIC ATTENUATION IN LIQUID HELIUM TO 150
KILOGAUSS
J ACOUST SOC AM V41 N3 PP884-886 MAR 1967
BY SHAPIRA Y
DAR ACCESS NO.....007918-006
DOC NUMBER.....AD654826
INSTR.....AF-APDSH-0496-68
PROJECT/TASK.....0761/01

AFOSR 67-1529
UNIVERSITY OF SUSSEX
STACKING-FAULT ENERGY AND MANY-BODY FORCE EFFECTS IN SOLID
AUGON
PHYS REV LETTERS V17 N5 PP249-250 1 AUG 66
BY MULLOUGH W
VENABLES J A
GLYDE M R
DAR ACCESS NO.....010630-003
DOC NUMBER.....AD654809
INSTR.....AF-APDSH-0496-68
PROJECT/TASK.....0761/01

AFOSR 67-1530
UNIVERSITY OF CALIFORNIA
NEW A-18 PHASES
SOLID STATE COMMUN V5 N4 PP221-223 1967
BY VIELMEYER R
LUT M L
DAR ACCESS NO.....010630-093
DOC NUMBER.....AD654870
INSTR.....AF-APDSH-0496-68
PROJECT/TASK.....0761/02

AFOSR 67-1531
UNIVERSITY OF WISCONSIN
BEHAVIORAL AND PERSONALITY EXPECTATIONS ASSOCIATED WITH
STATUS POSITIONS
MULTIVARIATE BEHAV HPS V2 PP153-174 APR 1967
BY BORGATTA C P
EVANS R L
DAR ACCESS NO.....015600-001
DOC NUMBER.....AD654870
INSTR.....AF-APDSH-0737-65
PROJECT/TASK.....0776/02

AFOSR 67-1532
UNIVERSITY OF CALIFORNIA
LOW-TEMPERATURE SUSCEPTIBILITIES OF RHODIUM AND IRIUM
WITH IRON IMPURITIES
J APPL PHYS V38 N3 PP1267-1268 MAR 1967
BY KNAPP G S
DAR ACCESS NO.....010030-056
DOC NUMBER.....AD654757
INSTR.....AF-APDSH-0631-64
PROJECT/TASK.....0761/02

AFOSR 67-1534
PRINCETON UNIVERSITY
A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID
PROPELLANTS
AMS REPORT NO 789 JULY 1967
BY SUMMERFIELD W
ONLEWILLER T J
DAR ACCESS NO.....007953-004
DOC NUMBER.....AD654919
INSTR.....AF-APDSH-0631-64
PROJECT/TASK.....0761/01

AFOSR 67-1535
PRINCETON UNIVERSITY
NON-STEADY BURNING PHENOMENA OF SOLID PROPELLANTS THEORY
AND EXPERIMENT
AMS REPORT NO 793 JULY 1967
BY SUMMERFIELD W
KRIER H
TREN J S
SIGNORANO W A
DAR ACCESS NO.....009213-002
DOC NUMBER.....AD654949
INSTR.....AF-APDSH-0631-64
PROJECT/TASK.....0761/01

AFOSR 67-1536
UNIVERSITY OF MARYLAND
SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR
SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE
MATHEMATICAL THEORY OF DYNAMICAL ELASTICITY REFLECTION
THEORY DISTRIBUTIONS PROC INTERNAT SUMMER INST LECTURE SER
1966 PP75-131
BY DIAZ J J
DAR ACCESS NO.....001027-019
DOC NUMBER.....AD654938
INSTR.....AF-APDSH-0496-68
PROJECT/TASK.....0749/01

AFOSR 67-1538
UNIVERSITY OF MARYLAND
SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR
SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE
MATHEMATICAL THEORY OF DYNAMICAL ELASTICITY REFLECTION
THEORY DISTRIBUTIONS PROC INTERNAT SUMMER INST LECTURE SER
1966 PP75-131
BY DIAZ J J
DAR ACCESS NO.....001027-022
INSTR.....AF-APDSH-0496-68
PROJECT/TASK.....0749/01

AFOSR 67-1537
UNIVERSITY OF MARYLAND
MOMENTUM-SPACE ANALYTICITY PROPERTIES OF THE DETERMINANT
INTEGRAL FOR THE THREE POINT FUNCTION
J MATH PHYS V6 N12 PP1885-1901 DEC 65
BY KALLEN G
TOLL J S
DAR ACCESS NO.....002727-037
DOC NUMBER.....AD655166
INSTR.....AF-APDSH-0496-68
PROJECT/TASK.....0761/01

AFOSR 67-1539
STATE UNIVERSITY OF NEW YORK
RADIATIVE CORRECTION TO ZETA-DECAY AND ANOMALOUS
FACTORS
NUCL PHYS V81 PP225-263 1967
BY KALLEN G
DAR ACCESS NO.....020810-001
INSTR.....AF-APDSH-1096-68
PROJECT/TASK.....0761/01

AFOSR 67-1539
SOUTHERN ILLINOIS UNIVERSITY
VIB MEASURE AND THE INTERNAL STRUCTURE OF FANTH / JAPANESE
INST INVEST GPO BARCELONA V20 PP3-31 OCT 66
BY AMONDS J L
MIGUEL A S
DAR ACCESS NO.....010000-001
DOC NUMBER.....AD654868
INSTR.....AF-APDSH-0508-64
PROJECT/TASK.....0761/02

AFOSR 67-1541
STATE UNIVERSITY OF NEW YORK
ANOMALOUS THRESHOLDS AS LIMITS OF COMPLEX SINGULARITIES
NUCL PHYS V87 N5 PP342-3 6 1966
BY FALOT G
DAR ACCESS NO.....020810-007
DOC NUMBER.....AD655164
INSTR.....AF-APDSH-1096-68
PROJECT/TASK.....0761/01

AFOSR 67-1542
UNIVERSIDAD NACIONAL DE TRUJILLO
A COMPARATIVE STUDY OF YNGVES DEPTH HYPOTHESIS FINAL
MEMOIR MAY 1967
BY ZIEHER E
LEE R
SANCHEZ A
DAR ACCESS NO.....020810-001
DOC NUMBER.....AD655164
INSTR.....AF-APDSH-1096-68
PROJECT/TASK.....0761/02

AFOSR 67-1546
UNIVERSITY OF SHEFFIELD
INTENTIONAL COMBUSTION OSCILLATIONS IN PRODUCTION SYSTEMS
FINAL REPORT FEB 1967
BY HARRIS U
DAR ACCESS NO.....010000-007
DOC NUMBER.....AD655164
INSTR.....AF-APDSH-1096-68
PROJECT/TASK.....0761/01

AFOSR 67-1548
UNIVERSITY OF INNSBRUCK
STUDIES OF ARTIFICIALLY DISTURBED SINGULAR COMBINATION
IN MAY FINAL REPORT MAY 1967
BY THURNER F
DAR ACCESS NO.....020810-001
DOC NUMBER.....AD655164
INSTR.....AF-APDSH-1096-68
PROJECT/TASK.....0761/01

AFOSR 67-1552
UNIVERSITY OF IDAHO
REARRANGEMENT OF CARBENIUM IONS AND FREE RADICALS IN THE
CICLO 2,3,1,1 HEAT SYSTEM
BY FRIEDMAN P R
DAR ACCESS NO.....010000-008
DOC NUMBER.....AD655164
INSTR.....AF-APDSH-0496-68
PROJECT/TASK.....0749/02

AFOSR 67-1555
INFORMATION RESEARCH ASSOCIATES INC
ON THE COEFFICIENTS OF A RIEMER CANONICAL EXPANSION FOR
THE LIKELIHOOD FUNCTION OF A CONTINUOUS MARTINGALE
TECH REPORT NO 10 JUNE 1967
BY PRICK U H
DAR ACCESS NO.....020810-001
DOC NUMBER.....AD655164
INSTR.....AF-APDSH-1096-68
PROJECT/TASK.....0761/02

AFOSR 67-1546
NEW YORK UNIVERSITY RESEARCH FOUNDATION
HYPERPOLARIZABILITIES OF SOME POLAR DIATOMIC MOLECULES
J CHEM PHYS V48 NO PP2356-2366 15 MAR 67
BY D HARE J M
MUNST M W
OAR ACCESS NO.....013550-004
DDC NUMBER.....AD655220
INSTN...AF-AFOSR-0191-63
PROJECT/TASK.....9767/01

AFOSR 67-1557
STATE UNIVERSITY OF NEW YORK
PUMP FACTORS AT LARGE MOMENTUM TRANSFER
PHYS REV LETTERS V17 N12 PP661-663 19 SEPT 1966
BY JAFFE A M
OAR ACCESS NO.....020610-003
DDC NUMBER.....AD655221
INSTN...AF-AFOSR-1098-66
PROJECT/TASK.....9751/01

AFOSR 67-1559
STATE UNIVERSITY OF NEW YORK
INTEGRAL REPRESENTATION OF INVARIANT STATES OF H-ALGEBRAS
BY LANFORD D
RUELL D
OAR ACCESS NO.....020610-004
DDC NUMBER.....AD655336
INSTN...AF-AFOSR-1098-66
PROJECT/TASK.....9751/01

AFOSR 67-1560
STATE UNIVERSITY OF NEW YORK
INTEGRAL REPRESENTATION ON COMPACT CONVEX SETS
BY LANFORD D E
OAR ACCESS NO.....020610-005
DDC NUMBER.....AD655379
INSTN...AF-AFOSR-1098-66
PROJECT/TASK.....9751/01

AFOSR 67-1561
INDIANA UNIVERSITY
RECEIVED OPERATING CHARACTERISTICS DETERMINED UNDER SEVERAL
INTERAURAL CONDITIONS OF LISTENING
BY E. NICH D S
OAR ACCESS NO.....014543-002
DDC NUMBER.....AD655380
INSTN...AF-AFOSR-0548-67
PROJECT/TASK.....4769/03

AFOSR 67-1562
UNIVERSITY OF TEXAS
AN ACQUISITION SYSTEM USING A DELTA CORRELATOR
1967 SWIFFECO RECORD NF-72 PP17-1-17-1-B 19 APR 1967
BY ALLEN R W
MIXSON F L
OAR ACCESS NO.....015242-011
DDC NUMBER.....AD655022
INSTN...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 67-1563
UNIVERSITY OF TEXAS
AN APPROXIMATION TECHNIQUE TO DETERMINE INVERSE FILTERS
WITH A MINIMUM NUMBER OF WEIGHTS
1967 SWIFFECO RECORD NF-72 PP7-3-1-7-3-R 19 APR 1967
BY BRIGHAM O JR
SMITH M W
DOSTICK F R JR
DUFSTERHOEFT W C JR
OAR ACCESS NO.....015242-012
DDC NUMBER.....AD655023
INSTN...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1564
UNIVERSITY OF TEXAS
A MULTICATEGORY PATTERN CLASSIFICATION SYSTEM
1967 SWIFFECO RECORD NF-72 PP1-2-1-1-2-B 19 APR 1967
BY PITT J M
WONACK J F
OAR ACCESS NO.....015242-013
DDC NUMBER.....AD655026
INSTN...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1567
UNIVERSITY OF TEXAS
DEPOSITION OF SILICON NITRIDE ON METAL-COATED SUBSTRATES
1967 SWIFFECO RECORD NF-72 PP16-4-1-16-4-R 19 APR 1967
BY YEANGAN J R
TAYLOR H L
OAR ACCESS NO.....015242-014
DDC NUMBER.....AD655024
INSTN...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1568
UNIVERSITY OF TEXAS
AMPLIFICATION OSCILLATIONS IN N-TYPE INSR AND RESPONSIVITY
MEASUREMENTS IN THE FAR INFRARED
1967 SWIFFECO RECORD NF-72 PP16-2-1-16-2-B 19 APR 1967
BY SLSNIC S
OAR ACCESS NO.....015242-015
DDC NUMBER.....AD655027
INSTN...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1569
UNIVERSITY OF TEXAS
MATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE
1967 SWIFFECO RECORD NF-72 PP11-6-1-11-6-R 19 APR 1967
BY CASTLEMAN K R
REICH A J
OAR ACCESS NO.....015241-036
DDC NUMBER.....AD655165
INSTN...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 67-1570
UNIVERSITY OF TEXAS
MACH-ZEHNDER OPTICAL INTERFEROMETRY OF LASER INDUCED
DISCHARGES IN HIGH PRESSURE GASES
1967 SWIFFECO RECORD NF-72 PP2-2-1-2-2-R 19 APR 1967
BY REIGL F
FRIEDRICH O W JR
DOUGAL A A
OAR ACCESS NO.....015242-016
DDC NUMBER.....AD655025
INSTN...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1571
UNIVERSITY OF ILLINOIS
ROLE STRUCTURE LEADERSHIP AND NEGOTIATION EFFECTIVENESS
TECH REP: NU 6 AUG 1967
BY VIGMAR N J
MCGRATH J E
OAR ACCESS NO.....012671-007
DDC NUMBER.....AD659169
INSTN...AF-49/638/01291
PROJECT/TASK.....9779/02

AFOSR 67-1572
CONNELL UNIVERSITY
ESR STUDY OF MANGANESE-DOPED ALPHA-ZINC SILICATE CRYSTALS
J CHEM PHYS V46 PP2398-2401 15 MAR 1967
BY PERKINS M K
SIENKOWSKI M J
OAR ACCESS NO.....003102-003
DDC NUMBER.....AD655217
INSTN...AF-AFOSR-0766-65
PROJECT/TASK.....9761/02

AFOSR 67-1573
MILLION INSTITUTE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XX SOME
REACTIONS OF ACETONITRILE DERIVATIVES OF MOLYBDENUM AND
CHROMIUM CARBYNLS WITH OLEFINIC AND ACETYLENIC COMPOUNDS
J ORGANOMETAL CHEM V8 PP139-148 1967
BY KING H H
OAR ACCESS NO.....019061-058
DDC NUMBER.....AD655219
INSTN...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 67-1574
PRINCETON UNIVERSITY
CHEMICAL SHIFT NONEQUIVALENCE OF DIASSTEROTOPIC GROUPS IN
SULFONIUM SALTS
TETRAHYDROFUR LETTERS N14 PP1325-1326 1967
BY KONDO K
ISLOW K
OAR ACCESS NO.....022000-002
DDC NUMBER.....AD655218
INSTN...AF-AFOSR-1168-67
PROJECT/TASK.....9762/01

AFOSR 67-1575
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE SPIN UP OF A STRATIFIED FLUID
J FLUID MECH V28 PT3 PP436-479 1967
BY POLANSKY J
OAR ACCESS NO.....003782-002
DDC NUMBER.....AD655218
INSTN...AF-AFOSR-0492-66
PROJECT/TASK.....9749/01

AFOSR 67-1576
STANFORD UNIVERSITY
FREE CONVECTION FROM A VERTICAL NEFULE
SUOAR 323 JULY 1967
BY VAN DYKE M
OAR ACCESS NO.....008022-010
DDC NUMBER.....AD664984
INSTN...AF-49/638/01274
PROJECT/TASK.....9781/01

AFOSR 67-1577
PENNSYLVANIA STATE UNIVERSITY
DISPERSED PARTICLE BEHAVIOR IN 10-NICKEL ALLOY
JUNE 1967
BY INMAN M C
OAR ACCESS NO.....019542-002
DDC NUMBER.....AD660135
INSTN...AF-AFOSR-0009-66
PROJECT/TASK.....9782/02

AFOSR 67-1578
COLUMBIA UNIVERSITY
IONIZING SMOCK STRUCTURE IN A MONATOMIC GAS
REPORT NO 34 MARCH 1967
BY CHURN D L
OAR ACCESS NO.....009593-010
DDC NUMBER.....AD663211
INSTN...AF-49/638/01634
PROJECT/TASK.....9752/01

AFOSR 67-1580
NEW YORK UNIVERSITY
AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO THE
STRESS ANALYSIS OF A CLAMPED RECTANGULAR PLATE
NYU-AA-67-107 JULY 1967
BY KEHR A D
ALEXANDER H
OAR ACCESS NO.....017021-002
DOC NUMBER.....A0667201
INSTR...AF-AFOSR-0613-66
PROJECT/TASK.....4742/01

AFOSR 67-1581
TEXAS INSTRUMENTS INCORPORATED
CONTINUATION OF BASIC RESEARCH
FINAL REPORT JULY 1967
BY MILLER M K
MARSH M K
LINVILLE A F
OAR ACCESS NO.....015021-001
DOC NUMBER.....A0650778
INSTR...AF-49/638/01588
PROJECT/TASK.....8652/00

AFOSR 67-1585
UNIVERSITY OF TEXAS
LASER OSCILLATION ON ELECTRONIC TRANSITIONS IN NEUTRAL
HSU2 AND CO
1967 SWIEECCO RECORD NF-72 PP5-1-1-4-8 19 APR 1967
BY ALLEN R H
WHEATMAN T F
DOUGAL A A
OAR ACCESS NO.....015242-017
DOC NUMBER.....A0655213
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1588
UNIVERSITY OF TEXAS
OPTIMAL ADAPTIVE FILTER REALIZATIONS FOR SAMPLE STOCHASTIC
PROCESSES WITH AN UNKNOWN PARAMETER
1967 SWIEECCO RECORD NF-72 PP1-4-1-1-4-8 19 APR 1967
BY MILBORN C G JR
LATINIUS D G
OAR ACCESS NO.....015242-018
DOC NUMBER.....A0655214
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1587
UNIVERSITY OF TEXAS
OSCILLATORS UTILIZING SUPERCONDUCTING RESONATORS
1967 SWIEECCO RECORD NF-72 PP9-3-1-9-3-8 19 APR 1967
BY STONE J L
HARTIG W H
OAR ACCESS NO.....015242-019
DOC NUMBER.....A0655215
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1588
STANFORD UNIVERSITY
FURTHER RESEARCH ON THE EFFECT OF TEST MACHINE EXTENSIONAL
RIGIDITY ON THE INITIAL BUCKLING LOAD OF UNREINFORCED
CIRCULAR CYLINDRICAL SHELLS IN AXIAL COMPRESSION
BY BAILEY S C
MUNTON W H
OAR ACCESS NO.....017230-004
DOC NUMBER.....A0662348
INSTR...AF-49/638/01495
PROJECT/TASK.....9702/01

AFOSR 67-1589
UNIVERSITY OF TEXAS
INVERSE CONVOLUTION FILTERS - AN ITERATIVE TECHNIQUE
SWIEECCO RECORD NF-72 PP7-2-1-7-2-10 19 APR 1967
BY BRIGHAM D JM
SMITH M W
GOSTICK F X JR
QUESTERNIEFF W C JR
OAR ACCESS NO.....015742-020
DOC NUMBER.....A0655405
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1590
UNIVERSITY OF TEXAS
A TECHNIQUE OF OPTIMIZING DECISION-DETECTED CHANNEL
MEASUREMENTS FOR CHANNEL DETECTION
1967 SWIEECCO RECORD NF-72 PP20-3-1-20-3-7 19 APR 1967
BY GREGG W D
OAR ACCESS NO.....015242-021
DOC NUMBER.....A0655407
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1591
UNIVERSITY OF TEXAS
NUMBER DENSITY DETERMINATION IN THE ATMOSPHERE OF OSUM2
HSUB20 AND COSUM2 GAS CONSTITUENTS BY USE OF A HIGH
INTENSITY LASER BEAM
1967 SWIEECCO RECORD NF-72 PP5-3-1-5-3-10 19 APR 1967
BY DIBBINS D L
LAGHONY A H
OAR ACCESS NO.....015242-022
DOC NUMBER.....A0655401
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1592
UNIVERSITY OF TEXAS
OPTIMAL COOPERATIVE NONDESTRUCTIVE OF LINEAR SINGLE INPUT
SYSTEMS
1967 SWIEECCO RECORD NF-72 PP4-5-1-4-5-7 19 APR 1967
BY ELLER D M
AGGARWAL J K
MUELIEN J F
OAR ACCESS NO.....015242-023
DOC NUMBER.....A0655402
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1593
UNIVERSITY OF TEXAS
AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG
WEIGHTS
1967 SWIEECCO RECORD NF-72 PP22-2-1-22-2-8 19 APR 1967
BY SMITH J M JR
HARRINGTON C O
OAR ACCESS NO.....015242-024
DOC NUMBER.....A0655403
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1594
UNIVERSITY OF TEXAS
RECOVERY OF EVOKED POTENTIALS IN VISUAL SYSTEM FOLLOWING
INTENSE STIMULATION
1967 SWIEECCO RECORD NF-72 PP11-2-1-11-2-8 19 APR 1967
BY WELCH A J
HEMPFL F G
OAR ACCESS NO.....015240-013
DOC NUMBER.....A0655398
INSTR...AF-AFOSR-0766-65
PROJECT/TASK.....4751/00

AFOSR 67-1595
UNIVERSITY OF TEXAS
ANOMALOUS PLASMA TRANSPORT IN HF DISCHARGES
1967 SWIEECCO RECORD NF-72 PP2-4-1-2-4-6 19 APR 1967
BY POWERS F J
MUNDLA P B
OAR ACCESS NO.....015242-025
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1596
NICE UNIVERSITY
SUFFICIENCY PROOFS FOR THE PROBLEM OF THE OPTIMUM
TRANSVERSAL CONTINUUM
SIAM J APPL MATH V15 N2 MAR 1967
BY MIELE A
HULL D G
OAR ACCESS NO.....016440-005
DOC NUMBER.....A0655399
INSTR...AF-AFOSR-0828-65
PROJECT/TASK.....9749/01

AFOSR 67-1597
UNIVERSITY OF HOUSTON
THE PREPARATION OF 1,2 AND 1,3 CIS DIHALODIPROPANEDIAMINE
CHROMIUM HALIDE COMPLEXES BY THE THERMAL MATRIX METHOD
J INORG NUCL CHEM V29 PP97-978 1967
BY ENDLANDT M W
SYEUM L K
OAR ACCESS NO.....020001-002
DOC NUMBER.....A0655518
INSTR...AF-AFOSR-1100-67
PROJECT/TASK.....9710/02

AFOSR 67-1598
CALIFORNIA INSTITUTE OF TECHNOLOGY
LORENTZ-LORENZ FUNCTION FOR SOLID ARGON
PHYSICA V33 PP473-474 1967
BY KINGS C J
OAR ACCESS NO.....016610-021
DOC NUMBER.....A0655330
INSTR...AF-49/638/01273
PROJECT/TASK.....9710/03

AFOSR 67-1599
IMPERIAL COLLEGE
COMMENT ON SOFT PHOTON STATES AND INFRA-RED DIVERGENCES I
CLASSICAL CURRENTS
JOURNAL OF MATHEMATICAL PHYSICS V9 N2 PP312-324 FEB 68
BY KINBLE T W B
OAR ACCESS NO.....010842-002
DOC NUMBER.....A0655881
INSTR...AF-EQAR-0012-67
PROJECT/TASK.....9767

AFOSR 67-1600
UNIVERSITY OF OREGON
ANTISYMMETRIZED DISTORTED-WAVE APPROXIMATION FOR NUCLEON-
NUCLEUS SCATTERING
NUCL PHYS V94 N1 PP103-128 1967
BY AMUS K A
VADSEN V A
MC CARTHY I E
OAR ACCESS NO.....017600-002
DOC NUMBER.....A0655331
INSTR...AF-AFOSR-0947-65
PROJECT/TASK.....4751/02

AFOSR 67-1601
MELLON INSTITUTE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XXI SOME
21-PENTAMETHYLCYCLOPENTADIENYL DERIVATIVES OF VARIOUS
TRANSITION METALS
J ORGANOMETAL CHEM V8 PP287-297 1967
BY KING R B
BISNETTE M B
OAR ACCESS NO.....019001-009
DOC NUMBER.....A0655408
INSTR...AF-AFOSR-0379-66
PROJECT/TASK.....9749/01

AFOSR 67-1602
UNIVERSITY OF BRITISH COLUMBIA
ONE CAN MEAN WHETHER A DRUM HAS FINITE AREA
PUBL AM MATH SOC V14 N2 PP236-237 APR 1967
BY CLARK L
HERGILL D
OAR ACCESS NO.....008673-002
DOC NUMBER.....A0655332
INSTR...AF-AFOSR-0379-66
PROJECT/TASK.....9749/01

AFOSR 67-1608
INSTITUTO CAJAL
NEURONAL PATTERNS ASSOCIATED WITH AFFECTIVE RESPONSES
FINAL REPORT FEB 1967
BY FERNANDEZ DE MIRIANA A
DAN ACCESS NO.....017641-002
DOC NUMBER.....AD65546
INSTR...AF-67-0527-00030
PROJECT/TASK.....9777/01

AFOSR 67-1609
UNIVERSITY OF MISSOURI
MIXED METROPOLY ACID FORMATION FINAL REPORT JULY 1967
BY GUYON J C
DAN ACCESS NO.....012031-001
DOC NUMBER.....AD655409
INSTR...AF-67-0527-00030
PROJECT/TASK.....9710/01

AFOSR 67-1606
UNIVERSITY OF HOWE
OXYGENOLYSIS / THE REACTION OF FERRIC OXIDASE WITH OXYGEN/
INTER-MYOPIC COMPARATIVE HEMOGLOBIN STRUCTURE ANALYSIS
GRFFCE 11-13 APR 1966 PPI32-133
BY WITTENBERG J H
NOMER R
WITTENBERG G A
ANTONINI C
BRUNGT M
DAN ACCESS NO.....018840-002
DOC NUMBER.....AD655489
INSTR...AF-67-0527-00030
PROJECT/TASK.....9777/01

AFOSR 67-1607
JOHNS HOPKINS UNIVERSITY
HIGH RESOLUTION STUDIES IN THE FAR INFRARED FINAL REPORT
JUNE 1967
BY PURKINS D W
DAN ACCESS NO.....012551-005
DOC NUMBER.....AD655797
INSTR...AF-67-0527-00030
PROJECT/TASK.....9710/01

AFOSR 67-1608
CORNELL UNIVERSITY
MAGNETIC SUSCEPTIBILITY OF URANIUM TRIFLUORIDE IN THE
RANGE 2-100 DEGREES K
INORG CHEM V6 PP324-326 1967
BY HENGEH M
STENKO M J
DAN ACCESS NO.....003192-004
DOC NUMBER.....AD655517
INSTR...AF-67-0527-00030
PROJECT/TASK.....9761/02

AFOSR 67-1609
IMPERIAL COLLEGE
CONSTANT PROPORTIONS AND VERER FUNCTIONS FOR ANY SPIN
BY SCAMMON W
DAN ACCESS NO.....010842-003
DOC NUMBER.....AD655496
INSTR...AF-67-0527-00030
PROJECT/TASK.....9751/01

AFOSR 67-1610
UNIVERSITY OF CALIFORNIA
FERROELECTRICITY
J APPL PHYS V38 N3 PP929-930 1 MAY 67
BY MATTHEIAS H T
DAN ACCESS NO.....014430-055
DOC NUMBER.....AD655493
INSTR...AF-67-0527-00030
PROJECT/TASK.....9763/02

AFOSR 67-1611
UNIVERSITY OF CHICAGO
DIRECTION OF THE COSMIC RAY MODULATION REGION
THE ASTROPHYSICAL JOURNAL V149 N2 PP173-178 AUG 1967
BY SIMPSON J A
WANG J H
DAN ACCESS NO.....000625-007
DOC NUMBER.....AD655479
INSTR...AF-67-0527-00030
PROJECT/TASK.....9751/06

AFOSR 67-1612
UNIVERSITAT KONN
INVESTIGATION OF EXTRA-NUCLEAR EFFECTS IN ANGULAR
CORRELATIONS FINAL REPORT JUNE 1967
BY HODENSTEDT E
DAN ACCESS NO.....017770-002
DOC NUMBER.....AD655401
INSTR...AF-67-0527-00030
PROJECT/TASK.....9751/00

AFOSR 67-1613
UNIVERSITY OF MARYLAND
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF
INTERMOLECULAR COMPLEXES OF PLATINUM (II)
INORG CHEM V6 N6 PP111-117 JUN 1967
BY GEM N E
KLEIN H L
MCFARLANE W
DAN ACCESS NO.....015433-005
DOC NUMBER.....AD655400
INSTR...AF-67-0527-00030
PROJECT/TASK.....9710/01

AFOSR 67-1614
OREGON STATE UNIVERSITY
THE EFFECT OF RING SIZE ON THE RATE OF PYROLYSIS OF
CYCLOALKYL PHENYL SULFOXIDES
J ORG CHEM V32 PP1631-1633 MAY 1967
BY KICE J L
CAMPBELL J O
DAN ACCESS NO.....011821-009
DOC NUMBER.....AD655482
INSTR...AF-67-0527-00030
PROJECT/TASK.....9762/03

AFOSR 67-1615
UNIVERSITY OF MARYLAND
NEW SOURCE FOR DYNAMICAL GRAVITATIONAL FIELDS
PHYS REV LETTERS V18 N10 8 MAY 1967
BY SINSKY J
WELER J
DAN ACCESS NO.....007183-002
DOC NUMBER.....AD655481
INSTR...AF-67-0527-00030
PROJECT/TASK.....9751/01

AFOSR 67-1616
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY AT 20 DEGREES KELVIN
SCIENCE V180 N3775 PP445-446 5 MAY 67
BY MATTHEIAS H T
GERHART F H
LUNGENTTI L O
CONENZIT E
MULL G W
DAN ACCESS NO.....018831-002
DOC NUMBER.....AD655490
INSTR...AF-67-0527-00030
PROJECT/TASK.....9763/03

AFOSR 67-1617
UNIVERSITY OF MARYLAND
SATURATION PROBLEM OF A SUM RULE OF SCALAR AND PSEUDOSCALAR
SPECTRAL FUNCTIONS
PHYSICAL REVIEW LETTERS V19 N9 PP537-539 28 AUG 1967
BY WU C H
DAN ACCESS NO.....002223-006
DOC NUMBER.....AD655516
INSTR...AF-67-0527-00030
PROJECT/TASK.....9751/01

AFOSR 67-1618
CARNegie INSTITUTE OF TECHNOLOGY
TIME SHARED COMPUTERS
BY HELL C G
DAN ACCESS NO.....022400-011
DOC NUMBER.....AD655380
INSTR...SD -146
PROJECT/TASK.....9710/00

AFOSR 67-1620
UNIVERSITY OF CAMBRIDGE
DISCRETE SERIES FOR THE UNIVERSAL COVERING GROUP OF THE 3
PLUS 2 DE SITTER GROUP
J MATH PHYS V8 N2 PP170-174 FEB 1967
BY EVANS N T
DAN ACCESS NO.....013011-016
DOC NUMBER.....AD655478
INSTR...AF-67-0527-00030
PROJECT/TASK.....9751/01

AFOSR 67-1622
STANFORD UNIVERSITY
PARTICLE-HOLE STATES IN THE ALPHA PARTICLE WITH REALISTIC
FORCES
PHYS REV V154 N4 PP955-970 20 FEB 1967
BY JANNEY N H
DAN ACCESS NO.....001793-044
DOC NUMBER.....AD655523
INSTR...AF-67-0527-00030
PROJECT/TASK.....9751/01

AFOSR 67-1623
UNIVERSITY OF TEXAS
FILTER DESIGN FOR THE AVERAGE RESPONSE COMPUTER
1967 SATECCO RECORD AF-72 EP11-5-11-5-19 APR 1967
BY FLAKE H H
CUX J H JR
DAN ACCESS NO.....015742-026
DOC NUMBER.....AD655404
INSTR...AF-67-0527-00030
PROJECT/TASK.....9751/00

AFOSR 67-1624
JOHNS HOPKINS UNIVERSITY
THE COMPARISON OF MULTIVARIATE TESTS OF HYPOTHESES BY MEANS
OF HANAUUM EFFICIENCY
SANKHYA SER A V28 P15 2-3 PP157-178 1966
BY GLEFSE L J
DAN ACCESS NO.....014470-310
DOC NUMBER.....AD655527
INSTR...AF-67-0527-00030
PROJECT/TASK.....9749/02

AFOSR 67-1625
NEW YORK UNIVERSITY
UNIFORM ASYMPTOTIC EXPANSIONS OF INTEGRALS WITH STATIONARY
POINT NEAR ALGEBRAIC SINGULARITY
COMMUN PURE APPL MATH V19 N4 PP351-370 NOV 1966
BY HELFSTEIN N
DAN ACCESS NO.....000133-005
DOC NUMBER.....AD655491
INSTR...AF-67-0527-00030
PROJECT/TASK.....9749/02

AFOSR 67-1026
PENNSYLVANIA STATE UNIVERSITY
DISPERSIVE WAVES IN THE UPPER ATMOSPHERE
SPACE RES 7 PP1059-1067 NORTH-HOLLAND PUBL CO AMSTERDAM
BY HJULT D P
DAR ACCESS NO.....014860-001
DOC NUMBER.....A0655457
INST.....AF-67/038/01708
PROJECT/TASK.....4767/02

AFOSR 67-1027
UNIVERSITA DEGLI STUDI DI GRAZIA
EXPERIMENTAL ANALYSIS OF CEREBRAL DOMINANCE IN MAN
DRAIN MECHANISMS UNDERLYING SPEECH LANGUAGE GROUP 6
STATTON INC DRYAT-IDA 1967
BY MOSEI G F
MOSADINI G
DAR ACCESS NO.....005924-006
DOC NUMBER.....A0655480
INST.....AF-67/052/00901
PROJECT/TASK.....4777/01

AFOSR 67-1028
CORNELL UNIVERSITY
SCANDIUM TITANITE AND SCANDIUM VANADITE SCANDIUM TITANIUM
OXIDE AND SCANDIUM VANADIUM OXIDE
INORG CHEM V6 N3 PP521-524 MAR 1967
BY REID A F
SIEKHO M J
DAR ACCESS NO.....003192-005
DOC NUMBER.....A0655960
INST.....AF-67/052/00901
PROJECT/TASK.....4767/02

AFOSR 67-1029
UNIVERSITY OF ILLINOIS
CURRENT SATURATION AND DRAIN CONDUCTANCE OF JUNCTION-LATE
FIELD-EFFECT TRANSISTORS
SOLID-STATE ELECTRONICS V10 N6 PP593-600 JUN 1967
BY MU S Y
SAH C T
DAR ACCESS NO.....003193-002
DOC NUMBER.....A0655967
INST.....AF-67/052/00901
PROJECT/TASK.....4767/02

AFOSR 67-1030
CAMBRIDGE UNIVERSITY
WEINBERG SUM RULES AND SCALAR MESONS
JUNE 1967
BY DE ALWIS S P
DAR ACCESS NO.....013011-017
DOC NUMBER.....A0655979
INST.....AF-67/052/00901
PROJECT/TASK.....4767/01

AFOSR 67-1031
JOHNS HOPKINS UNIVERSITY
TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE
ALPHA CHAIN OF HEMOGLOBIN
COLD SPRING HARBOR SYMPO QUANT
BY FRIEDSTEIN G V
DAR ACCESS NO.....00705-714 1966
DOC NUMBER.....018340-003
DOC NUMBER.....A0656222
INST.....AF-67/038/01308
PROJECT/TASK.....4777/01

AFOSR 67-1032
IMPERIAL COLLEGE
FRYMAN DIAGRAMS FOR UNITARY REPRESENTATIONS OF SU(2,2)
BY KOLLER K
DAR ACCESS NO.....010642-004
DOC NUMBER.....A0655733
INST.....AF-67/052/00901
PROJECT/TASK.....4751/01

AFOSR 67-1033
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DPA-SHELL HEMATH-100K MOLECULAR ORBITAL THEORY OF
TRANSITION METAL ION COMPLEXES ZN(II)S(II) POTASSIUM NICKEL
FLUORIDE
J APPL PHYS V38 N1 PP101-108 MAR 1967
BY ELLIS R L
FRIEDMAN A J
HUIS D
DAR ACCESS NO.....007912-007
DOC NUMBER.....A0655721
INST.....AF-67/052/00901
PROJECT/TASK.....4764/01

AFOSR 67-1034
UNIVERSITY OF VERMONT
THE MOTION OF LIQUID INSIDE A CLOSED VIBRATING VESSEL
BIOTECHNOL JILLING V9 PP237-250 1967
BY NYHONG R L
RODGERS A
DAR ACCESS NO.....004030-003
DOC NUMBER.....A0655749
INST.....AF-67/038/01308
PROJECT/TASK.....4767/02

AFOSR 67-1035
UNIVERSITY OF MINNESOTA
AN EXTENSION OF THE METHOD OF AVERAGING
QUANT ADAP MATH V5 N2 PP255-271 JUL 67
BY GITHNA P W
DAR ACCESS NO.....011427-001
DOC NUMBER.....A0655732
INST.....AF-67/052/00901
PROJECT/TASK.....4767/02

AFOSR 67-1036
TEXAS TECHNOLOGICAL COLLEGE
ION RADICALS XII THE REACTIONS OF DIAMYL SULFIDES AND
SULFOXIDES HENZENE THIOLSULFONATE AND OXENESULFONIC ACID
IN SULFONIC ACID
J ORG CHEM V32 PP1901-1908 JUN 1967
BY SHINE M J
HANNAN M
SEGER H
WU G S
DAR ACCESS NO.....019430-003
DOC NUMBER.....A0655736
INST.....AF-67/052/00901
PROJECT/TASK.....4762/03

AFOSR 67-1037
CAMBRIDGE UNIVERSITY
FURINI SUM RULES FOR VERTEX FUNCTIONS
BY MALLIDAY I G
LANDSCOFF P V
DAR ACCESS NO.....013011-018
DOC NUMBER.....A0655737
INST.....AF-67/052/00901
PROJECT/TASK.....4751/01

AFOSR 67-1038
UNIVERSITY OF CAMBRIDGE
CONSISTENCY CONDITIONS ON MODELS FOR HIGH-ENERGY SCATTERING
J MATH PHYS V8 N2 PP320-325 FEB 1967
BY ELLIS R L
DAR ACCESS NO.....013011-019
DOC NUMBER.....A0655739
INST.....AF-67/052/00901
PROJECT/TASK.....4751/01

AFOSR 67-1039
UNIVERSITY OF CAMBRIDGE
A HOMOLOGICAL APPROACH TO PARAMETRIC EYHMAN INTEGRALS
MAY 1967
BY HUYLING J H
DAR ACCESS NO.....013011-020
DOC NUMBER.....A0655738
INST.....AF-67/052/00901
PROJECT/TASK.....4751/01

AFOSR 67-1040
UNIVERSITY OF CAMBRIDGE
VECTOR AND SPINOR CURRENT ALGEBRA AND THE AD METHOD
BY DRUMMOND I T
DAR ACCESS NO.....013011-021
DOC NUMBER.....A0655735
INST.....AF-67/052/00901
PROJECT/TASK.....4751/01

AFOSR 67-1041
UNIVERSITY OF CAMBRIDGE
RADICAL CONCENTRATIONS AND DECAYS IN LEAN HYDROGEN--
NITROGEN-OXYGEN FLAMES
COMBUST FLAME VII N1 PP63-70 FEB 1967
BY MCCAN M J
PHILLIPS L F
DAR ACCESS NO.....012971-005
DOC NUMBER.....A0655989
INST.....AF-67/052/00901
PROJECT/TASK.....4760/02

AFOSR 67-1042
IMPERIAL COLLEGE
THE RESONANCE APPROXIMATION IN SUPERCONVERGENCE RELATIONS
BY RIVERS R J
DAR ACCESS NO.....010642-005
DOC NUMBER.....A0655989
INST.....AF-67/052/00901
PROJECT/TASK.....4751/01

AFOSR 67-1043
IMPERIAL COLLEGE
REGULIZATION OF INVARIANT AMPLITUDES
JULY 1967
BY JONES H F
SCARFON M D
DAR ACCESS NO.....010642-006
DOC NUMBER.....A0655983
INST.....AF-67/052/00901
PROJECT/TASK.....4751/01

AFOSR 67-1044
ST JOSEPH UNIVERSITY
GREEN THEOREM AND INVARIANT TRANSFORMATIONS
APRIL 1967
BY GOLDBERG J N
DAR ACCESS NO.....002074-002
DOC NUMBER.....A0655964
INST.....AF-67/052/00901
PROJECT/TASK.....4767/04

AFOSR 67-1045
UNIVERSITY OF MINNESOTA
EFFECTIVENESS DETERMINATION OF SEMICONDUCTOR CONDUCTIVITY
FROM CIRCULAR ELECTRIC FIELD MODE EFFECTIVITY
J APPL PHYS V38 N1 PP109-114 JAN 1967
BY CHAMBLIN R S
HELM J D
GILVER G H
DAR ACCESS NO.....005811-008
DOC NUMBER.....A0655914
INST.....AF-67/052/00901
PROJECT/TASK.....4761/01

AFOSR 67-1646
CORNELL UNIVERSITY
ON THE DETECTION OF WATER ON THE MOON
PLANETARY SPACE SCI V15 PP771-774 1967
HY WEINER M
GOLD T
HARTWIT M
DAR ACCESS NO.....007443-010
DDC NUMBER.....AD655977
INSTR...AF-67/638/01527
PROJECT/TASK.....9747/12

AFOSR 67-1647
STAMFORD UNIVERSITY
RELATIVISTIC POSTERION-ELECTRON BREMSSTRAHLUNG AT WIDE
ANGLES A NUMERICAL CALCULATION
PHYS REV V154 N5 PP1601-1607 23 FEB 1967
HY SWANSON S M
DAR ACCESS NO.....001793-089
DDC NUMBER.....AD655981
INSTR...AF-67/638/01389
PROJECT/TASK.....9761/01

AFOSR 67-1648
UNIVERSITY OF MINNESOTA
ON THE ATTRACTION OF SOME QUASIPERIODIC SOLUTIONS
DIFFERENTIAL EQUATIONS DYNAMICAL SYSTEMS PP323-332
ACADEMIC PRESS INC NEW YORK 1967
HY SEYMEN P M
DAR ACCESS NO.....011452-007
DDC NUMBER.....AD655990
INSTR...AF-AFOSR-0704-66
PROJECT/TASK.....9744/01

AFOSR 67-1649
JOHNS HOPKINS UNIVERSITY
THE CONCEPT OF A FILTER
PROC CAMBRIDGE PHIL SOC V63 PP221-227 1967
HY HANNAN E J
DAR ACCESS NO.....014670-011
DDC NUMBER.....AD655982
INSTR...AF-67/638/01302
PROJECT/TASK.....9744/02

AFOSR 67-1650
UNIVERSITY OF ILLINOIS
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS-
PART I THE SINGLE ENERGY LEVEL DEFECT CENTERS
PROC IEEE V55 N5 PP654-671 MAY 67
HY SAM C I
DAR ACCESS NO.....003413-003
DDC NUMBER.....AD655986
INSTR...AF-AFOSR-0718-67
PROJECT/TASK.....9763/02

AFOSR 67-1651
MITCHELL UNIVERSITY
ANALYTIC CONTINUATION TO THE GRUNEISEN PARAMETERS
OF SOLID ARGON KRYPTON AND XENON
PROC PHYS SOC LONDON V90 PP1182-1185 1967
HY HORTON G R
DAR ACCESS NO.....010101-006
DDC NUMBER.....AD656010
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9761/01

AFOSR 67-1652
UNIVERSITY OF CAMBRIDGE
LIMITATIONS OF HIGH POLE DOMINANCE
HY KENNETH M
DAR ACCESS NO.....013011-022
DDC NUMBER.....AD655977
INSTR...AF-ELIAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 67-1653
UNIVERSITY OF OSLO
PERTURBATION THEORY EXPANSIONS THROUGH 20TH ORDER OF MASS
POLARIZATION CORRECTION RELATIVISTIC EFFECTS & LAND SHIFT
OF TWO-ELECTRON SYSTEM /15/SUPER215
PHYSICA NORVEGICA V2 N2 PP99-100 1967
HY MINTEAL J
AASHAMAR R
DAR ACCESS NO.....014867-004
DDC NUMBER.....AD656002
INSTR...AF-EDAR -0033-66
PROJECT/TASK.....9760/01

AFOSR 67-1654
UNIVERSITY OF MINNESOTA
REFLECTIONS FROM METAL-VANE PRECISION ATTENUATORS
IEEE TRANS MICROWAVE THEORY TECH V-MTT-15 N2 PP123-124
FEB 1967
HY HOLM J D
JOHNSON J F
CHAMPLIN R E
DAR ACCESS NO.....005811-009
DDC NUMBER.....AD655954
INSTR...AF-AFOSR-0100-68
PROJECT/TASK.....9761/03

AFOSR 67-1655
UNIVERSITY OF CALIFORNIA
ON THE CURVE-F-GROWTH METHOD
ASTRON PAPERS V6 N1V UCLA
HY ALLEN L M
DAR ACCESS NO.....011690-009
DDC NUMBER.....AD655961
INSTR...AF-AFOSR-0083-63
PROJECT/TASK.....9776/01

AFOSR 67-1656
ISTITUTO ELETTRONTECNICO NAZIONALE
SELF MODULATING DERIVATIVE OPTICAL SPECTROSCOPY PART II
EXPERIMENTAL
APPL OPT V6 N3 PP447-455 MAY 1967
HY HONIGLE I G
PROVETTO P
MUSCA G
LEVIALOI S
PALMIER, G
DAR ACCESS NO.....002773-001
DDC NUMBER.....AD655958
INSTR...AF-EDAR -0027-66
PROJECT/TASK.....9761/02

AFOSR 67-1657
UNIVERSITY OF SOUTHERN CALIFORNIA
SPATIAL DISTRIBUTION OF EXCESS CARRIERS IN ELECTRON-BEAM
EXCITED SEMICONDUCTORS
PROC IEEE V55 N5 PP733-734 MAY 1967
HY KYSER D F
BITTRY D M
DAR ACCESS NO.....011911-005
DDC NUMBER.....AD655956
INSTR...AF-AFOSR-0076-66
PROJECT/TASK.....9761/03

AFOSR 67-1658
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE REACTION OF PHENYL/TRIHALOMETHYL/MERCURIALS WITH
HEXAMETHYLDITIN IN THE FIRST CASE OF DIMALOCAMPHEN INSERTION
INTO A METAL-METAL BOND TO GIVE A STABLE METAL-BOND SYSTEM
J AM CHEM SOC V89 N11 PP2790-2791 24 MAY 1967
HY SCYFERTH D
AMNHRECHT F M JR
DAR ACCESS NO.....014231-014
DDC NUMBER.....AD655937
INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9762/02

AFOSR 67-1659
UNIVERSITY OF WISCONSIN
PREPARATION AND STRUCTURE OF /CH3SO3FESUO2/CO/SUB6 SUB25/
AN ORGANOMETALLIC COMPLEX CONTAINING A TETRAHEDRAL-LIKE
SULFUR ATOM COORDINATED TO FOUR METAL ATOMS
INORG CHEM V6 N6 PP1236-1242 JUN 1967
HY COLEMAN J M
BOJCEK A
PULLICK P J
DAME L F
DAR ACCESS NO.....014421-003
DDC NUMBER.....AD655958
INSTR...AF-AFOSR-0518-66
PROJECT/TASK.....9710/01

AFOSR 67-1660
NORTH DAKOTA STATE UNIVERSITY
A CROSS-CULTURAL STUDY OF AUTHORITARIANISM
J SOC PSYCHOL V72 PP3-7 1967
HY MEADE R D
WHITTAKER J O
DAR ACCESS NO.....016190-003
DDC NUMBER.....AD655731
INSTR...AF-AFOSR-0762-65
PROJECT/TASK.....9779/02

AFOSR 67-1661
UNIVERSITY OF CALIFORNIA
O/E SYMMETRY AND REL-E-POLE THEORY
PHYS REV LETTERS VIA N2C PP863-867 15 MAY 1967
HY FREEDMAN D Z
WANG J M
DAR ACCESS NO.....005134-013
DDC NUMBER.....AD656024
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-1662
YALE UNIVERSITY
ORBITS IN THE COPENHAGEN PROBLEM ASYMPTOTIC AT LARGE
AND THEIR GENEALOGY
ASTRON J V72 N2 PP198-201 MAY 67
HY DANRY J M A
DAR ACCESS NO.....011494-003
DDC NUMBER.....AD655963
INSTR...AF-AFOSR-0397-67
PROJECT/TASK.....9749/01

AFOSR 67-1663
UNIVERSITY OF FLORIDA
COHERENT TUNABLE CW OSCILLATIONS IN A SMOOTH-BORE MAGNETRON
THE -PLA/MAGNETRON FINAL REPORT JULY 1967
HY SUTHERLAND A D
DAR ACCESS NO.....017051-001
DDC NUMBER.....AD657359
INSTR...AF-AFOSR-0839-68
PROJECT/TASK.....9768/02

AFOSR 67-1664
SOUTHWEST CENTER FOR ADVANCED STUDIES
THE TRAVEL TIMES OF P WAVES TO 30 DEGREES IN THE CENTRAL
UNITED STATES AND UPPER MANTLE STRUCTURE FINAL REPORT JULY
1967
HY WOODLEIGH
GREEN W E
HALES A L
DAR ACCESS NO.....022390-001
DDC NUMBER.....AD658198
INSTR...AF-67/638/01746
PROJECT/TASK.....0652/00

AFOSR 67-1665
UNIVERSITY OF ILLINOIS
THE VISUAL IMAGE PROCESSOR
TECH REPT NO 11 JUNE 1967
BY RUSSELL J K
DAR ACCESS NO.....012153-004
DOC NUMBER.....A0655842
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 67-1666
UNIVERSITY OF CHICAGO
BIOLOGICAL AND PHYSICAL REALIZATIONS OF ABSTRACT METABOLIC
MODELS
HELGOLANDER WISS MECHESUNTERSUCH VIA PP23-31 1966
BY ROSEN R
DAR ACCESS NO.....007463-004
DOC NUMBER.....A0655724
INSTR...AF-AFOSR-0009-65
PROJECT/TASK.....9777/01

AFOSR 67-1667
STANFORD UNIVERSITY
QUANTUM HARD-SPHERE GAS IN THE LIMIT OF HIGH DENSITIES WITH
APPLICATION TO SOLIDIFIED LIGHT GASES
PHYS REV V155 N1 PP114-121 5 MAY 1967
BY COLF R K JR
DAR ACCESS NO.....001793-090
DOC NUMBER.....A0655734
INSTR...AF-49/63H/01149
PROJECT/TASK.....9751/01

AFOSR 67-1668
COLUMBIA UNIVERSITY
INVERSE COMPTON RADIATION IN QUASI-STEELAR OBJECTS
ASTROPHYS J V146 N2 PP597-599 NOV 1966
BY WOLTER L
DAR ACCESS NO.....014290-011
DOC NUMBER.....A0655729
INSTR...AF-49/63H/01158
PROJECT/TASK.....9774/01

AFOSR 67-1669
UNIVERSITY OF TEXAS
ON THE ALUMINUM BORON TYPE PHASES
Z METAL V58 N3 PP179-154 1967
BY RAWAN A
DAR ACCESS NO.....016751-005
DOC NUMBER.....A0655743
INSTR...AF-AFOSR-0006-65
PROJECT/TASK.....9761/02

AFOSR 67-1670
UNIVERSITY OF NORTH CAROLINA
ELECTRICALLY CHARGED SURFACES AND THE PHOTOGRAPHIC PROCESS
PHOT SCI ENG V11 N2 PP74-81 MAR APR 1967
BY SLIFKIN L
MCGOWAN W
FUKAI A
KIM J S
DAR ACCESS NO.....006882-001
DOC NUMBER.....A0655753
INSTR...AF-AFOSR-0450-66
PROJECT/TASK.....9763/03

AFOSR 67-1671
UNIVERSITY OF CHICAGO
ON THE INTERPOLATION OF THE FACTOR GROUP SPLITTING IN
NAPHTHALENE CRYSTAL
MOL CRYST V2 PP365-387 1967
BY SILBEY H
JIMTNER C
VALA W
RICE S A
DAR ACCESS NO.....015061-003
DOC NUMBER.....A0655750
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-1672
COLUMBIA UNIVERSITY
MOLECULAR PHOTOCHEMISTRY
CHEM ENG NEWS DPA4-95 3 MAY 1967
BY TURNER N J
DAR ACCESS NO.....019000-005
DOC NUMBER.....A0655730
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 67-1673
UNIVERSITY OF CHICAGO
DRIFT VELOCITY AND ENERGY OF ELECTRONS IN LIQUID ARGON
PHYS REV V156 N2 PP351-352 10 APR 1967
BY HALPERN I
LEKNER J
RICE S A
GOMER R
DAR ACCESS NO.....015061-004
DOC NUMBER.....A0655955
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-1674
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETIC MOMENT MEASUREMENTS IN SINGLE-CRYSTAL DYSPROSIUM
MOLYBDENUM FURNITURE AND GALLIUM IN DC FIELDS UP TO 170 KG
J APPL PHYS V38 N1 PP137-1 1 MAR 67
BY FOMER S
MCNIFF E J JR
DAR ACCESS NO.....007412-004
DOC NUMBER.....A0655722
INSTR...AF-49/63H/01149
PROJECT/TASK.....9766/00

AFOSR 67-1675
UNIVERSITY OF CALIFORNIA
FERROMAGNETISM IN VANADYL GOLD VANADIUM ALLOY
PHYS REV LETTERS V18 N20 PP851-852 15 MAY 1967
BY CHEVELING L
LUU P L
KNAPP G S
DAR ACCESS NO.....018631-003
DOC NUMBER.....A0655727
INSTR...AF-AFOSR-0631-67
PROJECT/TASK.....9763/03

AFOSR 67-1676
LEHIGH UNIVERSITY
SYSTEMS MANUAL FOR THE EXPERIMENTAL LITERATURE COLLECTION
AND REFERENCE RETRIEVAL SYSTEM OF THE CENTER FOR THE
INFORMATION SCIENCES
CHSS RPT NO 2 APRIL 1967
BY TAYLOR R S
ANDERSON R H
ALICO A F
GREEN J S
DAR ACCESS NO.....019350-002
DOC NUMBER.....A0655729
INSTR...AF-AFOSR-0724-68
PROJECT/TASK.....9769/01

AFOSR 67-1677
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
QUANTUM LIMIT GALVANOMAGNETIC PHENOMENA IN NORMAL-INDIUM
ANTIMONY
PHYS REV LETTERS V18 N14 PP773-775 3 MAY 1967
BY DECKMAN D
HANAMURA E
NEUMINGER L J
DAR ACCESS NO.....007412-009
DOC NUMBER.....A0655721
INSTR...AF-49/63H/01149
PROJECT/TASK.....9764/00

AFOSR 67-1678
GRUMMAN A. CRAFT ENGINEERING CORP
COMPUTATIONAL ALGORITHMS IN OPTIMAL CONTROL
IEEE TRANS COM V13 N1 PP1-13 20-23 MAR 1967
BY KUPP R E
DAR ACCESS NO.....013763-009
DOC NUMBER.....A0655735
INSTR...AF-49/63H/01152
PROJECT/TASK.....9769/01

AFOSR 67-1679
NORTHWESTERN UNIVERSITY
MAGNETIC PROPERTIES OF IRON OXIDE AS RELATED TO
THE DEFECT STRUCTURE
J APPL PHYS V38 N3 PP1470-1471 1 MAR 67
BY FINE M E
KOCH F H
DAR ACCESS NO.....013070-004
DOC NUMBER.....A0655757
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9763/01

AFOSR 67-1680
CLARKSON COLLEGE OF TECHNOLOGY
THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC
DEFORMATION OF COPPER AT DIFFERENT STRAIN RATES
CAN J PHYS V45 PP226-228 1967
BY MARTIN M C
WELTON K F
DAR ACCESS NO.....011131-004
DOC NUMBER.....A0655858
INSTR...AF-AFOSR-0746-65
PROJECT/TASK.....9763/01

AFOSR 67-1681
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
AC SUPERCONDUCTING SOLENOID FOR KILGAUSS FIELD MODULATION
REV SCI INSTR V38 N5 PP600-601 MAY 1967
BY KUITIN S
FURER S
MCNIFF E J JR
DAR ACCESS NO.....017912-010
DOC NUMBER.....A0655740
INSTR...AF-49/63H/01149
PROJECT/TASK.....9764/01

AFOSR 67-1682
UNIVERSITY OF ROCHESTER
TEMPERATURE TRANSFORMATIONS A PRACTICAL CHOICE
NUOVO CIMENTO SER X V48 PP187-170 MAR 1967
BY FUCHLY J H
DAR ACCESS NO.....004623-011
DOC NUMBER.....A0655752
INSTR...AF-AFOSR-0237-65
PROJECT/TASK.....9767/02

AFOSR 67-1683
ROYAL UNIVERSITY OF UPSALA
A TWO-SEGMENT COLUMN PROCEDURE FOR SINGLE STEP ISOLATION OF
DIETAN FROM RED CELL SUSPENSIONS
ARKIV KEMI V26 N43 PP507-519 1967
BY MARSDEN N V
ESTLING S G
DAR ACCESS NO.....006592-003
DOC NUMBER.....A0655884
INSTR...AF-49/63H/01149
PROJECT/TASK.....9777/01

AFOSR 67-1684
UNIVERSITY OF TEXAS
DISPLACEMENT AND THE SUMMATION OF FRICTION
J BIOL MRS PERSONALITY VI N4 PP258-261 DEC 1966
BY BURCHFIELD P
DAR ACCESS NO.....007412-004
DOC NUMBER.....A0655722
INSTR...AF-49/63H/01149
PROJECT/TASK.....9766/00

AFOSR 67-1695
UNIVERSITY OF MINNESOTA
HYDRATION OF UNDISSOCIATED SALTS IN ACETONITRILE
J AM CHEM SOC V89 N11 PP2421-2424 24 MAY 1967
BY KOLTHOFF I M
CHANTON H M K JH
OAR ACCESS NO.....012231-005
DOC NUMBER.....AD655860
INSTR...AF-AFOSR-0028-65
PROJECT/TASK.....9710/03

AFOSR 67-1697
UNIVERSITY OF MASSACHUSETTS
ACETONITRILE EXCHANGE RATES IN SOLUTIONS OF NICKEL/II/ IONS
BY NUCLEAR MAGNETIC RESONANCE
J MAGN CHEM V6 N6 PP1252-1254 JUN 1967
BY HAYAGE D K
STENGLE T H
LANGFORD C H
OAR ACCESS NO.....013611-004
DOC NUMBER.....AD655859
INSTR...AF-AFOSR-0212-65
PROJECT/TASK.....9760/02

AFOSR 67-1698
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HIGH-MAGNETIC-FIELD STUDIES OF ORTHORHOMBIC AND
RHOMBOHEDRAL ALUMINUM ION OXIDE/ COMPOUNDS
J APPL PHYS V59 N3 PP1287-1293 1 MAR 1967
BY SCHIEFER R
FRANKEL M H
HLOUN N A
FUNKER S
OAR ACCESS NO.....007912-011
DOC NUMBER.....AD655721
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1699
GOTTSCHALKS UNIVERSITY
BIOCHEMICAL STUDIES OF NEURONS AND GLIA DURING LEARNING
AND DIFFERENT FUNCTIONAL CONDITIONS FINAL REPORT MAY 1967
BY HYDEN H
OAR ACCESS NO.....004254-001
DOC NUMBER.....AD6558138
INSTR...AF-EDAR-0008-64
PROJECT/TASK.....9777/01

AFOSR 67-1699
UNIVERSITY OF MICHIGAN
STUDIES ON THE QUANTUM YIELDS OF THE PHOTO-DISSOCIATION OF
CARBON MONOXIDE FROM HEMOGLOBIN AND MYOGLOBIN
BIOCHEMISTRY V6 N4 PP1216-1222 APR 1967
BY NOBLE M W
BRUNORI M
WYMAN J
ANTONINE F
OAR ACCESS NO.....018060-003
DOC NUMBER.....AD655885
INSTR...AF-KOAH-0022-66
PROJECT/TASK.....9777/01

AFOSR 67-1699
KENSSELACH POLYTECHNIC INSTITUTE
A DISCRETE APPROACH TO CERTAIN STOCHASTIC EIGENVALUE
PROBLEMS
SIAM J APPL MATH V15 N1 PP143-152 JAN 1967
BY HOYCE W E
OAR ACCESS NO.....001283-002
DOC NUMBER.....AD655741
INSTR...AF-M15H-0142-64
PROJECT/TASK.....9769/01

AFOSR 67-1699
ROYAL UNIVERSITY OF UPPSALA
GENESIS OF ACTION POTENTIALS IN EXCITABLE TISSUES
FINAL REPORT MAY 1967
BY TOWELL T
OAR ACCESS NO.....006584-001
DOC NUMBER.....AD655702
INSTR...AF-ECAR-0005-66
PROJECT/TASK.....9777/01

AFOSR 67-1699
UNIVERSITY OF VERMONT
CHEMISORPTION OF CARBON MONOXIDE ON POLYPHENYLENE
SURFACE SCI V7 PP79-82 1967
BY CHAPPELL A D
WATKINS L D
OAR ACCESS NO.....019540-001
DOC NUMBER.....AD655755
INSTR...AF-AFOSR-0003-66
PROJECT/TASK.....9760/03

AFOSR 67-1699
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
AN EXAMINATION OF THE CLAP-SCHOT AND ETZIONI TYPES OF
ADMIN SCI QUART V12 N1 PP119-139 JUN 1967
BY HALL M H
EUGENE HARRIS J
JOHNSON N J
OAR ACCESS NO.....003760-001
DOC NUMBER.....AD655728
INSTR...AF-A7639/00147
PROJECT/TASK.....9774/02

AFOSR 67-1697
UNIVERSITY OF MISSOURI
SPECTROPHOTOMETRIC DETERMINATION OF BISMUTH
ANAL CHEM V37 N12 PP1774-1774 DEC 1965
BY GUYON J C
CLINE L J
OAR ACCESS NO.....012030-001
DOC NUMBER.....AD654135
INSTR...AF-AFOSR-0205-63
PROJECT/TASK.....9710/01

AFOSR 67-1698
UNIVERSITY OF MAINE
INFLUENCE OF ELECTRIC FIELDS ON THE MOLECULAR ALIGNMENT IN
THE LIQUID-CRYSTAL PARA-AZOXYANISOL
J CHEM PHYS V46 N7 PP2768-2768 1 APR 67
BY CAMP E F
TWITCHELL M P
OAR ACCESS NO.....006391-003
DOC NUMBER.....AD655751
INSTR...AF-AFOSR-0605-64
PROJECT/TASK.....9761/02

AFOSR 67-1699
OPTICS TECHNOLOGY INC
DIFFRACTION BY FIBER OPTICS
APPL OPT V6 PP582-583 MAR 67
BY WELCUX M E
OAR ACCESS NO.....012271-001
DOC NUMBER.....AD655751
INSTR...AF-49/638/01A26
PROJECT/TASK.....9767/02

AFOSR 67-1700
STANFORD UNIVERSITY
A SIMPLE RULE FOR CHECKING THE VALIDITY OF CERTAIN
DETECTION FORMULAS
IEEE TRANS INFORM THEORY VIT-13 N1 PP144-145 JAN 1967
BY KAILATH T
OAR ACCESS NO.....017360-008
INSTR...AF-49/638/01A17
PROJECT/TASK.....9749/01

AFOSR 67-1701
UNIVERSITY OF CHICAGO
NUCLEAR MAGNETIC RESONANCE STUDY OF UNHATE-POLYBORATE
EQUILIBRIA IN AQUEOUS SOLUTION
J MAGN CHEM V6 N6 PP1189-1192 JUN 1967
BY MONTI R K
NACHTRIEB M H
OAR ACCESS NO.....019780-001
DOC NUMBER.....AD655821
INSTR...AF-AFOSR-1086-66
PROJECT/TASK.....9710/02

AFOSR 67-1702
NORTHWESTERN UNIVERSITY
RELIABILITY AND OPTIMUM DESIGN OF THE INTERCONNECTIONS
OF A POWER SYSTEM
IEEE TRANS POWER APP SYSTEMS VPAS85 N12 PP1191-1195 DEC
1966
BY FRANK M
HAKIMI S L
OAR ACCESS NO.....011791-011
DOC NUMBER.....AD655902
INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9749/01

AFOSR 67-1703
YESHIVA UNIVERSITY
ORGANOPHOSPHORUS CHEMISTRY IV THE REACTIONS OF TRIALKYL
PHOSPHITES WITH ALPHA-HALO KETONES
J CHM CHEM V32 PP1723-1729 JUN 1967
BY GORDWITZ I J
ANSCHEL M
FINKSTENBERG
OAR ACCESS NO.....017180-001
DOC NUMBER.....AD655820
INSTR...AF-AFOSR-0038-65
PROJECT/TASK.....9762/02

AFOSR 67-1704
IMPERIAL COLLEGE
U/S 67 AND SUPERCONVERGENT SLM RULES FOR MESON-DARYON
SCATTERING
BY JONES M F
SCADRON M D
OAR ACCESS NO.....010642-007
DOC NUMBER.....AD655902
INSTR...AF-ECAR-0012-67
PROJECT/TASK.....9751/01

AFOSR 67-1705
LAVAL UNIVERSITY
FURTHER COMMENTS ON REPLICATION IN JN H/-SYSTEMS
MULL MATH BIOPHYS V29 PP91-94 1967
BY ROSEN R
OAR ACCESS NO.....007463-005
DOC NUMBER.....AD655719
INSTR...AF-AFOSR-0009-65
PROJECT/TASK.....9777/01

AFOSR 67-1706
WASHINGTON UNIVERSITY
FUNCTIONAL LAGRANGE EXPANSION IN STATE SPACE AND THE
S-DOMAIN
IEEE TRANS AUTO CONTROL VAC-11 N3 PP494-505 JUL 66
BY ZAJNOSZYK J
GURMAN D
OAR ACCESS NO.....014161-004
DOC NUMBER.....AD655987
INSTR...AF-AFOSR-0482-65
PROJECT/TASK.....9749/01

AFOSR 67-1707
UNIVERSITY OF MISSOURI
SPECTROPHOTOMETRIC DETERMINATION OF ZIRCONIUM
ANAL CHEM ACTA V37 PP401-402 1967
BY GUYON J C
OAR ACCESS NO.....012030-002
DOC NUMBER.....AD654137
INSTR...AF-AFOSR-0205-63
PROJECT/TASK.....9710/01

AFOSR 67-1708
UNIVERSITY OF ILLINOIS
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS -
PART II: THE MULTIPLE ENERGY LEVEL IMPURITY CENTERS
PHYS REV LETT 244 N1 PP611-613 22 MAY 67
BY SAM C ?
OAR ACCESS NO.....003413-004
DOC NUMBER.....AD655985
INSTR...AF-AFOSR-0714-67
PROJECT/TASK.....9763/02

AFOSR 67-1709
DARTMOUTH COLLEGE
USE OF NEON EXCHANGE GAS FOR PRECOOLING HELIUM CRYOSTATS
REV SCI INSTR 38 N4 PP555-556 APR 67
BY RIDDER J N
OAR ACCESS NO.....013052-001
DOC NUMBER.....AD655991
INSTR...AF-49/63H/0137
PROJECT/TASK.....9767/03

AFOSR 67-1710
STANFORD UNIVERSITY
ISOTROPY OF COSMIC BACKGROUND RADIATION AT 10690 MHZ
PHYS REV LETT 244 N1 PP611-613 22 MAY 67
BY CONKLIN E K
MHACERELL R A
OAR ACCESS NO.....000143-002
DOC NUMBER.....AD655732
INSTR...AF-49/63H/01375
PROJECT/TASK.....9767/02

AFOSR 67-1711
UNIVERSITY OF CALIFORNIA
SIDEWISE DISPERSION RELATIONS AND THE AXIAL-VECTOR
COUPLING CONSTANT
PHYS REV LETT 244 N1 PP611-613 22 MAY 67
BY BARDACKI K
OAR ACCESS NO.....005134-014
DOC NUMBER.....AD655726
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-1712
UNIVERSITY OF CALIFORNIA
A CLASS OF C ALGEBRAS
MATH ANN 170 PP287-313 1967
BY COHDES M D
OAR ACCESS NO.....014450-007
DOC NUMBER.....AD655725
INSTR...AF-AFOSR-0553-64
PROJECT/TASK.....9741/02

AFOSR 67-1713
UNIVERSITY OF PISA
INTERPOLATIVE ESTIMATES IN CERTAIN SCHUBERT SPACES
ANN MAT SER 6 V75 PP261-276 1967
BY CAMPANATO S
OAR ACCESS NO.....016791-001
DOC NUMBER.....AD656007
INSTR...AF-AFOSR-0034-67
PROJECT/TASK.....9749/02

AFOSR 67-1714
UNIVERSITY OF WISCONSIN
ORGANOMETALLIC SULFUR COMPLEXES VI THE MOLECULAR STRUCTURE
A TRICYCLIC COMPLEX TRICHALET ENNAACARADIMYL SULFIDE
INORG CHIM ACTA 12 PP1229-1236 JUN 1967
BY WEI C H
DAHL L F
OAR ACCESS NO.....014421-004
DOC NUMBER.....AD655996
INSTR...AF-AFOSR-0518-66
PROJECT/TASK.....9710/01

AFOSR 67-1715
MCMASTER UNIVERSITY
NUCLEAR STABILITY AND NUCLEAR ENERGIES BY MEANS OF ATOMIC
MASS MEASUREMENT FINAL REPORT JULY 1967
BY DUCKWORTH H E
OAR ACCESS NO.....031714-002
DOC NUMBER.....AD655927
INSTR...AF-AFOSR-0159-64
PROJECT/TASK.....9751/01

AFOSR 67-1716
UNIVERSITY OF CALIFORNIA
ON A CONJECTURE OF H L VAN DER WAERDEN
PROC CAMBRIDGE PHIL SOC 63 PP135-104 1967
BY MARCUS M
MINC H
OAR ACCESS NO.....014930-020
DOC NUMBER.....AD655980
INSTR...AF-AFOSR-0698-65
PROJECT/TASK.....9749/01

AFOSR 67-1717
STANFORD UNIVERSITY
CONVERGENCE OF THE SERIES EXPANSION FOR THE THOMAS-FERMI
FUNCTION
J CHEM PHYS 46 N1 PP1213-1214 1 MAY 1967
BY FENSTROM J E
OAR ACCESS NO.....001793-092
DOC NUMBER.....AD656070
INSTR...AF-49/63H/01389
PROJECT/TASK.....9751/01

AFOSR 67-1718
HARVARD UNIVERSITY
MASS SPECTROSCOPY
PHY REV LETT 244 N1 PP611-613 22 MAY 67
BY SCHWINGER J
OAR ACCESS NO.....004861-036
DOC NUMBER.....AD65610
INSTR...AF-49/63H/01380
PROJECT/TASK.....9761/01

AFOSR 67-1719
PENNSYLVANIA STATE UNIVERSITY
USE OF OPW WAVE FUNCTIONS FOR INTERBAND ABSORPTION IN THE
ALKALIS
PHYS REV LETT 244 N1 PP611-613 22 MAY 67
BY CUTLER P M
NISKOVSKY N M
OAR ACCESS NO.....004252-001
DOC NUMBER.....AD656127
INSTR...AF-AFOSR-0213-66
PROJECT/TASK.....9761/01

AFOSR 67-1720
UNIVERSITY OF MARYLAND
AMOUNT OF FOUR-PARTICLE PRODUCTION REQUIRED IN S-MATRIX
THEORY
PHYS REV 156 N5 PP158A-1593 25 APRIL 1967
BY OHAGT A J
OAR ACCESS NO.....002223-207
DOC NUMBER.....AD655972
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 67-1721
WESTERN RESERVE UNIVERSITY
VASOPRESSIN ITS BIOASSAY AND THE PHYSIOLOGICAL CONTROL OF
ITS RELEASE
AM J MED 42 N5 PP701-712 MAY 1967
BY SHARE L
OAR ACCESS NO.....014820-004
DOC NUMBER.....AD655973
INSTR...AF-AFOSR-0692-65
PROJECT/TASK.....9777/01

AFOSR 67-1722
NORTH DAKOTA STATE UNIVERSITY
SOCIAL PRESSURE IN THE MODIFICATION AND DISTORTION OF
JUDGMENT
INTERN J PSYCHOL 2 N2 PP109-113 1967
BY WHITTAKER J O
MCADDE R D
OAR ACCESS NO.....016390-004
DOC NUMBER.....AD655975
INSTR...AF-AFOSR-0762-65
PROJECT/TASK.....9779/02

AFOSR 67-1723
UNIVERSITY OF CHICAGO
SOLAR MODULATION AND THE ENERGY DENSITY OF GALACTIC
COSMIC RAYS
ASTROPHYS J 148 PP L41-L46 APR 1967
BY GLOECKLER G
JOKIPII J H
OAR ACCESS NO.....000625-008
DOC NUMBER.....AD655974
INSTR...AF-49/63H/01642
PROJECT/TASK.....9751/04

AFOSR 67-1724
STANFORD UNIVERSITY
REMARKS CONCERNING INELASTIC ELECTRON SCATTERING FROM J HE
NUCL PHYS B1 PP349-354 1967
BY GIMSON B F
WELSH G B
OAR ACCESS NO.....001793-092
DOC NUMBER.....AD656219
INSTR...AF-49/63H/01389
PROJECT/TASK.....9751/01

AFOSR 67-1725
TUFTS UNIVERSITY
COMPARISON OF AUDITORY RE-ARRANGEMENT IN HAND-EAR
COORDINATION
PERCENT MOTOR SKILLS 24 PP1207-1210 1967
BY FINEFOMAN S J
WILSON L
HAKOSH J M
OAR ACCESS NO.....014320-008
DOC NUMBER.....AD655983
INSTR...AF-49/63H/01202
PROJECT/TASK.....9778/01

AFOSR 67-1726
OHIO STATE UNIVERSITY
REALISM IN LABORATORY SIMULATION MYTH OR METHOD
SOCIAL FORCES 44 N3 PP337-346 MAR 1967
BY DHABEK T E
HAAS J E
OAR ACCESS NO.....019161-002
DOC NUMBER.....AD656017
INSTR...AF-AFOSR-0572-65
PROJECT/TASK.....9779/01

AFOSR 67-1727
NORTHEASTERN UNIVERSITY
GENERATION OF ALL HAMILTONIAN CIRCUITS PATHS AND CENTERS
ON A GRAPH AND RELATED CIRCUITS
IEEE TRANS CIRCUIT THEORY 14 N1 PP74-81 MAR 67
BY YAU S S
OAR ACCESS NO.....011791-012
DOC NUMBER.....AD655970
INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9749/01

AFOSR 67-1728
UNIVERSITY OF ROCHESTER
FED-DIODE ADSORPTION SPECTRUM OF CDS
PHYS REV LETTERS VIA N1 00113-118 21 JAN 1967
HY REGENSCHNEIDER J J
MANI 228 E
DAR ACCESS NO.....013771-009
INST.....AF-APFSH-021A-05
PROJECT/TASK.....0767/02

AFOSR 67-1729
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CRYSTALLIZATION OF FERROUS AMMONIUM SULFATE BY A SEED IN
MAGNETIC FIELDS UP TO KILO-OERSTEDS
SOLID STATE COMM VS 00343-368 1967
HY SCHIEFER M W
DAR ACCESS NO.....007312-012
DOC NUMBER.....AD656123
INST.....AF-APFSH-07-C-0047
PROJECT/TASK.....0767/02

AFOSR 67-1730
CORNELL UNIVERSITY
LUNAR OSCILLATION STUDIES OF FIVE DEAR RADIO SOURCES OF
SMALL ANGULAR SIZE
ASTROPHYS J V144 N3 P11 00660-087 JUN 1967
HY HAZARD C
GULIKIN S
HAY A J
DAR ACCESS NO.....500000-039
DOC NUMBER.....AD656086
INST.....AF-APFSH-07-C-0047
PROJECT/TASK.....0767/02

AFOSR 67-1731
UNIVERSITY OF ROCHESTER
COMPLEX REPRESENTATION OF OPTICAL FIELDS IN LOW-RESC
THEORY
J OPT SOC AM 437 N5 P1011-117 MAY 1967
HY MANUEL L
DAR ACCESS NO.....013710-005
DOC NUMBER.....AD656074
INST.....AF-APFSH-07-C-0047
PROJECT/TASK.....0767/02

AFOSR 67-1732
UNIVERSITY OF CALIFORNIA
TUNNELING EFFECT IN SUPERCONDUCTING CONTACTS BY ELECTRON
TUNNELING
PHYSIK KONDENS MATTERIE V6 0021-177 1967
HY CLAESON T
GYLAK S
MAKI K
DAR ACCESS NO.....010430-056
DOC NUMBER.....AD655915
INST.....AF-APFSH-06-11-04
PROJECT/TASK.....0767/02

AFOSR 67-1733
UNIVERSITY OF TEXAS
GROUND STATES OF SIGMA-BONDED MOLECULES I: A SEMIEMPIRICAL
SCF MO TREATMENT OF HYDROCARBONS
J AM CHEM SOC 89 N13 0430N-100H 21 JUN 1967
HY DEAN M J S
FLOMAN G
DAR ACCESS NO.....010431-002
DOC NUMBER.....AD655904
INST.....AF-APFSH-1050-07
PROJECT/TASK.....0767/01

AFOSR 67-1734
POLYTECHNIC INSTITUTE OF BROOKLYN
ON TRANSFER FUNCTIONS RELATING TO THE THEORY OF
DIFFRACTION IN INHOMOGENEOUS MEDIA
J INST MATH APPL N6 0074N-1007
HY LITVET E
FLOMAN G
DAR ACCESS NO.....001010-002
DOC NUMBER.....AD655917
INST.....AF-APFSH-1001-02
PROJECT/TASK.....0767/02

AFOSR 67-1735
UNIVERSITY OF CAMBRIDGE
SCATTERING OF LIGHT BY A THIN PARTICLE FROM TRAJECTORY
PHYS REV V156 N5 001700-1757 21 MAR 67
HY DUMMINS E E
DAR ACCESS NO.....010411-023
DOC NUMBER.....AD655903
INST.....AF-APFSH-1001-05
PROJECT/TASK.....0767/01

AFOSR 67-1736
UNIVERSITY OF WESTERN AUSTRALIA
TACTILE SPATIAL AFTER EFFECT OF ADAPTATION LEVEL
J EXP PSYCHOL V74 N1 00040-050 1967
HY GILBERT A J
DAR ACCESS NO.....010700-003
DOC NUMBER.....AD655916
INST.....AF-APFSH-1001-05
PROJECT/TASK.....0767/01

AFOSR 67-1737
UNIVERSITY OF CALIFORNIA
SEMI-ANALYTICAL OPERATIONS ON A HALF-LINE
DUC NATHALAN V144 N5 P11 00660-087 JUN 1967
HY COMBES H W
HARRIS R A
DAR ACCESS NO.....010700-003
DOC NUMBER.....AD655916
INST.....AF-APFSH-1001-05
PROJECT/TASK.....0767/01

AFOSR 67-1738
UNIVERSITY OF CHICAGO
EFFECTS OF PRESSURE ON THE TRANSPORT OF IONS THROUGH
ROTATING HELIUM II
PHYS REV V156 N1 P1130-150 5 MAY 1967
HY SPRINGETT D C
DAR ACCESS NO.....010500-013
DOC NUMBER.....AD655908
INST.....AF-APFSH-0765-05
PROJECT/TASK.....0767/01

AFOSR 67-1740
UNIVERSITY OF COLORADO
LINEAR POSITIVE MACHINES
J COMPUTING SYSTEMS SCI VI N1 0024-28 APR 1967
HY HUCY R S
DAR ACCESS NO.....021750-001
DOC NUMBER.....AD656132
INST.....AF-APFSH-1076-06
PROJECT/TASK.....0767/01

AFOSR 67-1741
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MICROFLUX FLOW DISSIPATION IN PARAMAGNETICALLY-LIMITED
TINY ALLOYS
PHYS LETTERS V244 N12 P0663-664 5 JUN 67
HY HACKETT R H JR
WATKILL E
WIM V H
DAR ACCESS NO.....007312-013
DOC NUMBER.....AD656125
INST.....AF-APFSH-07-C-0047
PROJECT/TASK.....0767/01

AFOSR 67-1742
UNIVERSITY OF CALIFORNIA
ANISOTROPY IN TUNNELING DENSITY OF STATES IN PURE
TYPE-II SUPERCONDUCTORS
PHYS REV LETTERS V164 N20 P0635-036 13 MAY 67
HY MAKI K
DAR ACCESS NO.....000861-033
DOC NUMBER.....AD655908
INST.....AF-APFSH-0610-04
PROJECT/TASK.....0767/01

AFOSR 67-1743
UNIVERSITY OF CALIFORNIA
ELECTRON MODES IN PURE TYPE-II SUPERCONDUCTORS IN THE HIGH
FIELD REGION
PHYS REV LETTERS VIA N17 P0668-700 24 APR 67
HY CARROLL C
MAKI K
DAR ACCESS NO.....000861-034
DOC NUMBER.....AD655912
INST.....AF-APFSH-0610-04
PROJECT/TASK.....0767/01

AFOSR 67-1744
UNIVERSITY OF CALIFORNIA
THEORY OF PURE TYPE-II SUPERCONDUCTORS IN HIGH
MAGNETIC FIELDS II ULTRASONIC ATTENUATION
PHYS REV V156 N2 00437-444 10 APR 67
HY MAKI K
DAR ACCESS NO.....000861-035
DOC NUMBER.....AD655905
INST.....AF-APFSH-0610-04
PROJECT/TASK.....0767/01

AFOSR 67-1745
MCMASTER UNIVERSITY
PRECISE ATOMIC MASS DIFFERENCES INVOLVING ISOTOPES OF
N15, N14, C13, AND H1
J NATL SCI (GERMANY) V214 N1/2 P063-68 1966
HY MACDOUGALL J D
WELCHIE W M
WHINNEY S
DUCKWORTH H E C
DAR ACCESS NO.....001714-003
DOC NUMBER.....AD655911
INST.....AF-APFSH-0159-04
PROJECT/TASK.....0767/01

AFOSR 67-1746
UNIVERSITY OF COLORADO
OBSERVATION OF MASS SPECTRUM AND MAGNETIC MOMENTS FROM
CURRENT CONSERVATION IN RELATIVISTIC QED 1/2 AND QED 2/2 -
THEORETICAL
JUNE 1967
HY DAVUT A J
CARRUTAN D
REINERT H
DAR ACCESS NO.....013091-007
DOC NUMBER.....AD655926
INST.....AF-APFSH-0030-05
PROJECT/TASK.....0767/01

AFOSR 67-1747
TAMU UNIVERSITY
NON-LOCAL EQUATIONS AND DENSITY EXPANSIONS EXACTLY SOLVABLE
ONE-DIMENSIONAL SYSTEM
PHYS REV V156 N1 P0122-134 5 MAY 1967
HY LEHWEITZ J L
PERCUS J R
DAR ACCESS NO.....005833-006
INST.....AF-APFSH-0500-06
PROJECT/TASK.....0767/01

AFOSR 67-1748
UNIVERSITY OF MARYLAND
STRUCTURE OF THE CTA DECAY INTO 3 PIONS AMPLITUDE
PHYS REV V156 N5 001719-1723 25 APR 1967
HY WILSON H
DAR ACCESS NO.....002223-008
DOC NUMBER.....AD655947
INST.....AF-APFSH-0500-06
PROJECT/TASK.....0767/01

AFOSR 67-1749
STANFORD UNIVERSITY
RECALC MODES OF THE ETA INTO 3 PIS PLUS A MOTION C OF THE
ETA INTO PI ZERO PLUS 2 MOTIONS/
PHYS REV 184 N5 P1542-1549 25 FEB 1967
BY SINGER R
DAM ACCESS NO.....001793-003
DOC NUMBER.....A088218
INSTR...AF-69/038/0184
PROJECT/TASK.....4751/01

AFOSR 67-1750
IMPERIAL COLLEGE OF SCIENCE & TECHNOLOGY
SYMMETRY BREAKING IN NON-ABELIAN GAUGE THEORIES
PHYS REV V186 N5 P1584-1591 20 MAY 67
BY KATHIE T W O
DAM ACCESS NO.....010442-004
DOC NUMBER.....A088444
INSTR...AF-EGAR-0012-67
PROJECT/TASK.....4767/04

AFOSR 67-1751
UNIVERSITY OF WESTERN AUSTRALIA
A COMPUTER-LINKED RUNWAY FOR REAL TIME OPERATION
PSYCHOL SCI V7 N9 P1317-1320 1967
BY NICHOLLS I G
DAM ACCESS NO.....019700-004
DOC NUMBER.....A0885078
INSTR...AF-AFOSR-0069-65
PROJECT/TASK.....4776/01

AFOSR 67-1752
UNIVERSITY OF TEXAS
THE CRYSTAL STRUCTURES OF HARD-EARTH MONOSILICIDES
ACTA CRYST V22 P15 P1646-1651 MAY 1967
BY HANAN A
STEINFINK H
DAM ACCESS NO.....010751-006
DOC NUMBER.....A088995
INSTR...AF-AFOSR-0069-65
PROJECT/TASK.....4761/02

AFOSR 67-1753
UNIVERSITY OF CALIFORNIA
OPTICAL PROPERTIES OF ALPHA-MANGANESE SULFUR
PHYS REV V186 N5 P1544-1547 15 MAY 67
BY HUFFMAN D W
WILD H L
DAM ACCESS NO.....004041-014
DOC NUMBER.....A0890000
INSTR...AF-AFOSR-0023-68
PROJECT/TASK.....4763/02

AFOSR 67-1754
UNIVERSITY OF CALIFORNIA
REMARKS ON THE RECENT LETTER OBSERVATION OF MAGNETIC BOUND
STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS
PHYS REV LETTERS V19 N18 P1743-1744 1 MAY 1967
BY SUHL H
DAM ACCESS NO.....004402-001
DOC NUMBER.....A0890016
INSTR...AF-AFOSR-0010-67
PROJECT/TASK.....4761/01

AFOSR 67-1755
PHILLIPS LABORATORIES
MEASUREMENT OF PARALLEL /SOLAR/ SLITS WITH A MODIFIED
WEISSBERG GUNIONFTH
REV SCI INSTR V36 N5 P1647-1648 MAY 1967
BY DANKISH B
DAM ACCESS NO.....010050-005
DOC NUMBER.....A089094
INSTR...AF-69/038/0124
PROJECT/TASK.....3820/00

AFOSR 67-1756
MCMASTER UNIVERSITY
STOPPING CROSS SECTIONS IN JUMP OF LOW ATOMIC NUMBER
ATOMS WITH ENLARGED 1.34 IS T 140 KEV
J NATL SCI (KERNAN) V21 N12 P1110-1114 1966
BY MACDONALD J W
MACDON J H
DICKINSON H E
DAM ACCESS NO.....001714-004
DOC NUMBER.....A0895499
INSTR...AF-AFOSR-0109-64
PROJECT/TASK.....4751/01

AFOSR 67-1757
MCMASTER UNIVERSITY
THE SHAPE OF THE MASS SURFACE IN THE REGION OF NO NEUTRONS
CONF INTERN NUCL PHYS PARTS 2-11 JUL 64 V2 COMMON P1547-1550
1964
BY DICKINSON H E
HARRIS D L
MOSG H J
MACDONALD J W
MACLATCHY P
DAM ACCESS NO.....001714-004
DOC NUMBER.....A0895499
INSTR...AF-AFOSR-0109-64
PROJECT/TASK.....4751/01

AFOSR 67-1758
CARNegie INSTITUTE OF TECHNOLOGY
SYNTAX DIRECTED INTERPRETATION OF NATURAL LANGUAGE
BY COLE L S
DAM ACCESS NO.....022400-012
DOC NUMBER.....A0895923
INSTR...AF-69/038/0124
PROJECT/TASK.....4712/00

AFOSR 67-1759
UNIVERSITY OF TEXAS
SNMP ADDITIONAL QUASI-PERFECT CODES
INFORM CONTROL V10 N3 P334 MAR 1967
BY MAGNET T J
DAM ACCESS NO.....015242-027
DOC NUMBER.....A0896120
INSTR...AF-73R-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1760
OMIC UNIVERSITY
ELASTIC SCATTERING OF NEUTRONS FROM O AND AR AT FOURTEEN
KEV
PHYS REV V186 N5 P1601-1606 20 MAY 67
BY LEACH P L
KOSHEL R O
FINLAY R W
CASSOLA R L
DAM ACCESS NO.....010680-004
DOC NUMBER.....A0896493
INSTR...AF-AFOSR-0064-68
PROJECT/TASK.....4761/01

AFOSR 67-1761
UNIVERSITY OF MILAN
RAMAN SCATTERING BY COLOID CENTERS
PHYS REV V186 N3 P1672-1676 15 FEB 67
BY BENFEDER G
MARUCCI G F
DAM ACCESS NO.....015100-004
DOC NUMBER.....A0896146
INSTR...AF-EGAR-0009-65
PROJECT/TASK.....4761/01

AFOSR 67-1762
PENNSYLVANIA STATE UNIVERSITY
GROUP VELOCITY DISPERSION DUE TO PULSE REFLECTION FROM A
FREQUENCY-DEPENDENT BOUNDARY IMPEDANCE
J ACoust SOC AM V80 N5 P1698-1701 NOV 66
BY LANGE J N
DAM ACCESS NO.....012281-001
DOC NUMBER.....A0896128
INSTR...AF-AFOSR-0043-65
PROJECT/TASK.....4767/03

AFOSR 67-1764
UNIVERSITY OF TEXAS
ON THE STRUCTURE OF SEQUENTIAL MACHINE REALIZATIONS
JSDP TECHNICAL REPORT NO 27 JULY 1967
BY HAYLER C A
CHATES C L
DAM ACCESS NO.....015242-030
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1765
UNITED TECHNOLOGY CENTER
COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS
UTC 2138-AS92 SEPT 1967
BY SHANNON L J
DAM ACCESS NO.....015110-003
DOC NUMBER.....A0896453
INSTR...AF-69/038/01357
PROJECT/TASK.....4711/01

AFOSR 67-1766
UNIVERSITY OF TEXAS
ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS
FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION
GRATINGS
JSDP TECHNICAL REPORT NO 35 AUG 15 1967
BY HAGLER M O
DOUGAL A A
DAM ACCESS NO.....015242-034
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1766
UNIVERSITY OF TEXAS
ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS
FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION
GRATINGS
JSDP TECHNICAL REPORT NO 35 AUG 1967
BY HAGLER M O
DOUGAL A A
DAM ACCESS NO.....015242-038
DOC NUMBER.....A0896418
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1767
DREHMAN YOUNG UNIVERSITY
EXTINCTION OF BURNING SOLID PROPELLANT FINAL REPORT MAY
1967
BY HUNTON M O
DAM ACCESS NO.....017370-001
DOC NUMBER.....A0896471
INSTR...AF-AFOSR-0097-65
PROJECT/TASK.....4711/01

AFOSR 67-1768
OKLAHOMA STATE UNIVERSITY
THE JHAININIC BOUNDARY VALUE PROBLEM AS APPLIED TO A
MATHIAF HAVING AN INREGULAR SHARP FINAL REPORT AUG 1967
BY CHAPPEL M E
SMITH H W
DAM ACCESS NO.....022020-001
DOC NUMBER.....A0896464
INSTR...AF-AFOSR-1153-68
PROJECT/TASK.....4762/01

AFOSR 67-1769
UNIVERSITY OF ILLINOIS
EFFECT OF PRESSURE ON THE DIFFUSION OF IRON IN TITANIUM
TITANIUM PLAIN TEN PERCENT IRON
PHYS STAT SOL V20 PP649-650 1967
BY PLANT R A
DAR ACCESS NO.....02823-010
DOC NUMBER.....AD655976
INSTR.....AF-APDSH-2631-68
PROJECT/TASK.....9763/01

AFOSR 67-1770
WESTERN MICHIGAN UNIVERSITY
USE OF JOINT CONTRACTS TO OBTAIN DIRECT EVIDENCE OF FLUX
MOTION IN SUPERCONDUCTORS
PHYS REV LETTERS V18 NP PP41-45 9 JAN 1967
BY CHANDRASEKHAR D S
PARFILL D E
HUANG S
DAR ACCESS NO.....014471-002
DOC NUMBER.....AD655994
INSTR.....AF-APDSH-0565-68
PROJECT/TASK.....9763/03

AFOSR 67-1771
WESTERN MICHIGAN UNIVERSITY
ALTERNATING CURRENT JOSEPHSON EFFECT IN SUPERFLUID HELIUM
PHYS REV LETTERS V18 NP PP230-232 13 FEB 1967
BY CHANDRASEKHAR D S
KIMURA H M
DAR ACCESS NO.....014471-003
DOC NUMBER.....AD655993
INSTR.....AF-APDSH-0565-68
PROJECT/TASK.....9763/03

AFOSR 67-1773
WESTERN MICHIGAN UNIVERSITY
ELECTRON AND PHOTON EFFECTS IN SUPERCONDUCTING FCC
LFAO-BASED ALLOYS
PHYS LETTERS V28A NP PP407-409 10 APR 1967
BY AULF J G
JACKSON J A
WILL T A
DAR ACCESS NO.....014471-004
DOC NUMBER.....AD655919
INSTR.....AF-APDSH-0565-68
PROJECT/TASK.....9763/03

AFOSR 67-1774
UNIVERSITY OF KENT AT CANTERBURY
THE RELATIVISTIC POSITION OPERATOR AT QUANTUM LEVEL
NUOVO CIMENTO SER A V49 PP286-290 21 MAY 67
BY CASTELL L
DAR ACCESS NO.....014480-005
DOC NUMBER.....AD656006
INSTR.....AF-APDSH-0565-68
PROJECT/TASK.....9767/01

AFOSR 67-1775
YESHIVA UNIVERSITY
ENSEMBLE DEPENDENCE OF FLUCTUATIONS WITH APPLICATIONS TO
MACHINE COMPUTATIONS
PHYS REV V183 N1 PP200-204 5 JAN 1967
BY LEHMAN J L
PERCUS J N
VEHLETT L
DAR ACCESS NO.....028231-007
DOC NUMBER.....AD656012
INSTR.....AF-APDSH-0565-68
PROJECT/TASK.....9767/01

AFOSR 67-1776
UNIVERSITY OF TEXAS
AMPLITUDE MODULUS OF PERIODIC AND APERIODIC
OSCILLATING NONLINEAR SYSTEMS
J INST MATH AUST V18A PP202-215 JUN 1967
BY AGGARWAL J K
DAR ACCESS NO.....014482-028
DOC NUMBER.....AD656015
INSTR.....AF-APDSH-0761-67
PROJECT/TASK.....9761/00

AFOSR 67-1777
UNIVERSITY OF MINNESOTA
LINEAR DISCRETE OPTICAL SYSTEMS WITH SIDE CONSTRAINTS
ANN PHYS V101 PP1-15 1967
BY CHUNG J H
DAR ACCESS NO.....0144721-001
DOC NUMBER.....AD656022
INSTR.....AF-APDSH-0571-68
PROJECT/TASK.....9749/01

AFOSR 67-1778
STANFORD RESEARCH INSTITUTE
RESPONSE OF A HEATING PROPELLANT SURFACE TO PULSIVE
TRANSIENTS
SRI PROJECT 100-5144 AUG 1967
BY HARMAN G A
WOLFRUM C E
CARPENTER L
DAR ACCESS NO.....028293-006
DOC NUMBER.....AD657762
INSTR.....AF-APDSH-0761-68
PROJECT/TASK.....9713/01

AFOSR 67-1779
UNIVERSITY OF MAINE
DOMINANT ELECTRICAL CRYSTALLINE TO ELECTRIC AND MAGNETIC
FIELDS
ADVANCED CHEM SER N1 PP278-284 1967
BY CANN L F
DAR ACCESS NO.....028291-004
DOC NUMBER.....AD657997
INSTR.....AF-APDSH-0605-68
PROJECT/TASK.....9761/02

AFOSR 67-1780
UNIVERSITY OF SUSSEX
ELECTRON MICROSCOPY OF POLYETHYLENE BELOW TWENTY DEGREES
KELVIN
NATURE V214 N5093 PP1107-1108 10 JUN 1967
BY VENABLES J A
HASSITT D C
DAR ACCESS NO.....016830-004
DOC NUMBER.....AD658005
INSTR.....AF-APDSH-0601-68
PROJECT/TASK.....9761/03

AFOSR 67-1781
RUTGERS UNIVERSITY
INTERATOMIC POTENTIAL PARAMETERS OF SOLID NEON AND ARGON
PHYS REV BUC V89 PP987-992 1966
BY BROWN J S
DAR ACCESS NO.....010301-007
DOC NUMBER.....AD658009
INSTR.....AF-APDSH-0726-68
PROJECT/TASK.....9761/01

AFOSR 67-1782
YALE UNIVERSITY
EXCITON STRUCTURE AND MAGNETO-OPTICAL EFFECTS IN ZINC
SULFIDE
PHYS REV V153 N3 PP913-921 15 JAN 67
BY WHEELER R G
MCKLOSIE J C
DAR ACCESS NO.....028283-004
DOC NUMBER.....AD658023
INSTR.....AF-APDSH-0673-68
PROJECT/TASK.....9763/02

AFOSR 67-1783
RUTGERS UNIVERSITY
MODEL POTENTIALS AND THE DISPERSION LAW IN SOLID KRYPTON
PHYS REV LETTERS V18 N16 PP647-649 17 APR 1967
BY NIMTON G K
HIGGINS J S
DAR ACCESS NO.....010301-008
DOC NUMBER.....AD658011
INSTR.....AF-APDSH-0726-68
PROJECT/TASK.....9761/01

AFOSR 67-1784
UNIVERSITY OF MINNESOTA
A SOLUTION OF A CLASS OF SINGULAR INTEGRAL EQUATIONS
QUART APPL MATH V24 N4 JAN 67
BY LUNDGREN T
CHIANG D
DAR ACCESS NO.....027720-001
DOC NUMBER.....AD658026
INSTR.....AF-13/613/02341
PROJECT/TASK.....9749/01

AFOSR 67-1785
SPERRY RAND RESEARCH CENTER
PLASMA TRANSMISSION AND STABILITY IN A MINIMUM-B MAGNETIC
FIELD FINAL REPORT APRIL 1967
BY WOODER B D
DECKER J A
FUEYFET P J
GUREN S
DAR ACCESS NO.....017440-004
DOC NUMBER.....AD658031
INSTR.....AF-49/638/01541
PROJECT/TASK.....9752/01

AFOSR 67-1786
ATLANTIC RESEARCH CORP
A STUDY OF THE PHOTOCHEMICAL HYDROGEN-FLUORINE REACTION
FINAL REPORT FEB 1967
BY LEVY J H
COPLAND H K W
DAR ACCESS NO.....004821-001
DOC NUMBER.....AD618278
INSTR.....AF-49/638/016-A
PROJECT/TASK.....9750/02

AFOSR 67-1787
HARTFORD PETROLEUM RESEARCH CENTER
THERMODYNAMIC PROPERTIES OF ORGANIC DERIVATIVES OF THE
LIGHTER ELEMENTS
BY DOUSLIN D R
GROD A D
FARRAR H L
THOD S S
GUTHRIE G G
DAR ACCESS NO.....500100-003
DOC NUMBER.....AD659006
INSTR.....155A-00007-65
PROJECT/TASK.....9713/02

AFOSR 67-1788
ATLANTIC RESEARCH CORPORATION
RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
QUANTITATIVE TECHNICAL SUMMARY REPORT NO 6 JUNE 1967
BY FLME G V
FRIEDMAN F
MHALE E T
LEVY J H
DAR ACCESS NO.....017041-006
DOC NUMBER.....AD618227
INSTR.....AF-49/638/01645
PROJECT/TASK.....9713/01

AFOSR 67-1789
UNIVERSITY OF NEVADA
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF
ETHYLENEBISQUINOLINE-DICHLORIDE ION
J INORG NUCL CHEM V29 PP1271-1278 1967
BY MACDONALD D J
DAR ACCESS NO.....020050-001
DOC NUMBER.....AD659018
INSTR.....AF-APDSH-0794-68
PROJECT/TASK.....9710/02

AFOSR 67-1791
POLYTECHNIC INSTITUTE OF BROOKLYN
SINGLE-BEAM-LASER ROTATION-RATE SENSOR
ELECTRON LETTERS V2 N10 P380 OCT 1966
BY FENSTER H
KAMN W K
DAM ACCESS NO.....001685-013
DOC NUMBER.....AD656712
INSTR...AF-49/638/01402
PROJECT/TASK.....4751/00

AFOSR 67-1792
PURDUE UNIVERSITY
ULTRATHIN ANALYSIS OF COORDINATION CHAIN REACTIONS FINAL
REPORT JULY 1967
BY MARGHEM D W
DAM ACCESS NO.....012651-004
DOC NUMBER.....AD656714
INSTR...AF-49/638/01402
PROJECT/TASK.....4710/01

AFOSR 67-1793
UNIVERSITY OF TORONTO
DISTRIBUTION OF ENERGY IN ELECTRICAL DISCHARGES FINAL
REPORT JULY 1967
BY DECKERS J M
DAM ACCESS NO.....011936-001
DOC NUMBER.....AD656715
INSTR...AF-49/638/01402
PROJECT/TASK.....4750/02

AFOSR 67-1794
AVCOVERMETT RESEARCH LAB
COMPUTER EXPERIMENTS ON LOW DENSITY CROSS-FIELD ELECTRON
DYNAMICS
RESEARCH REPORT 273 JUNE 1967
BY LEVY M H
MCKENNEY W W
DAM ACCESS NO.....009621-001
DOC NUMBER.....AD656716
INSTR...AF-49/638/01402
PROJECT/TASK.....4750/01

AFOSR 67-1795
ASTROSYSTEMS INTERNATIONAL INC
COMBUSTION GAS EMITTED RADIATION AND CHEMILUMINESCENCE
PHENOMENA IN SOLID-GAS REACTING SYSTEMS FINAL REPORT APRIL
1967
BY GORDON J S
DAM ACCESS NO.....019351-001
DOC NUMBER.....AD656717
INSTR...AF-49/638/01402
PROJECT/TASK.....4750/02

AFOSR 67-1796
UNIVERSITA DELLO STUDI DI PADOVA
SEVENTH INTERNATIONAL SYMPOSIUM ON FREE RADICALS PADOVA
ITALY SEPTEMBER 5-10 1965 FINAL REPORT SEPT 1965
BY GIACOMINI P I
DAM ACCESS NO.....011140-001
DOC NUMBER.....AD656718
INSTR...AF-49/638/01402
PROJECT/TASK.....4750/01

AFOSR 67-1797
UNIVERSITY OF PITTSBURGH
TECTONIC FEATURES OF THE EARTH'S CRUST AND UPPER MANTLE
FINAL REPORT AUG 1967
BY PILANT B L
DAM ACCESS NO.....017740-001
DOC NUMBER.....AD656719
INSTR...AF-49/638/01402
PROJECT/TASK.....4750/02

AFOSR 67-1798
POLYTECHNIC INSTITUTE OF BROOKLYN
MAXWELL EQUATIONS AND DETERMINATE SYSTEMS
AM J PHYS V31 N1 P224-226 MAR 1967
BY BERSON H
DAM ACCESS NO.....001685-034
DOC NUMBER.....AD656720
INSTR...AF-49/638/01402
PROJECT/TASK.....4751/00

AFOSR 67-1799
UNIVERSITY OF MICHIGAN
HUMAN INFORMATION-PROCESSING CONCEPTS FOR SYSTEM ENGINEERS
SYSTEMS ENG HANDBOOK PART 1 VOLUME 10 P31-3-31-19 NOV
1965
BY NEW R W
DAM ACCESS NO.....015920-001
DOC NUMBER.....AD656721
INSTR...AF-49/638/01402
PROJECT/TASK.....5002/00

AFOSR 67-1800
POLYTECHNIC INSTITUTE OF BROOKLYN
DETERMINATION OF THE ROCKS ELECTRO-OTIC COEFFICIENT IN
AIR AT 545 GHZ
ELECTRON LETTERS V2 N10 OCT 1966
BY SILVERSTEIN L
SUCHER W
DAM ACCESS NO.....001685-015
DOC NUMBER.....AD656722
INSTR...AF-49/638/01402
PROJECT/TASK.....4751/00

AFOSR 67-1801
UNIVERSITY OF MICHIGAN
HUMAN PERFORMANCE IN COGNITIVE INFORMATION PROCESSING TASKS
TECHNICAL REPORT NO 3 OCT 1966
BY BIEDERMAN I
DAM ACCESS NO.....015920-002
DOC NUMBER.....AD656723
INSTR...AF-49/638/01402
PROJECT/TASK.....5002/00

AFOSR 67-1802
UNIVERSITY OF MICHIGAN
COGNITIVE FACTORS IN INFORMATION PROCESSING
MEMORANDUM REPORT NO 1 FEB 1967
BY PITTS R W
DAM ACCESS NO.....015920-003
DOC NUMBER.....AD656724
INSTR...AF-49/638/01402
PROJECT/TASK.....5002/00

AFOSR 67-1803
UNIVERSITY OF MICHIGAN
SHORT-TERM RECOGNITION MEMORY
MEMORANDUM REPORT NO 2 MAY 1967
BY MELTON A W
SAMEROFF A
SCHUMPF E D
DAM ACCESS NO.....015920-004
DOC NUMBER.....AD656725
INSTR...AF-49/638/01402
PROJECT/TASK.....5002/00

AFOSR 67-1804
UNIVERSITY OF MICHIGAN
CHOICE REACTION TIME AN ANALYSIS OF THE MAJOR THEORETICAL
POSITIONS
TECHNICAL REPORT NO 6 04823-13-1 JAN 1967
BY SMITH E E
DAM ACCESS NO.....015920-005
DOC NUMBER.....AD656726
INSTR...AF-49/638/01402
PROJECT/TASK.....5002/00

AFOSR 67-1805
UNIVERSITY OF MICHIGAN
PARALLEL VERSUS SERIAL PROCESSES IN MULTIDIMENSIONAL
STIMULUS DISCRIMINATION
TECHNICAL REPORT NO 7 JAN 1966
BY EGERT H E
DAM ACCESS NO.....015920-006
DOC NUMBER.....AD656727
INSTR...AF-49/638/01402
PROJECT/TASK.....5002/00

AFOSR 67-1806
UNIVERSITY OF MICHIGAN
THE EFFECTS OF FAMILIARITY ON THE PERCEPTUAL RECOGNITION
AND CATEGORIZATION OF VERBAL INFORMATION
05823-9-1 DEC 1965
BY SMITH E
DAM ACCESS NO.....015920-007
DOC NUMBER.....AD656728
INSTR...AF-49/638/01402
PROJECT/TASK.....5002/00

AFOSR 67-1807
UNIVERSITY OF MICHIGAN
EFFECTS OF S-R COUPLING ON THE RATE OF GAIN OF INFORMATION
05823-9-1 DEC 1965
BY PETERSON J H
DAM ACCESS NO.....015920-008
DOC NUMBER.....AD656729
INSTR...AF-49/638/01402
PROJECT/TASK.....5002/00

AFOSR 67-1808
UNIVERSITY OF MICHIGAN
A SIXTEEN-UNIT PROJECTOR WITH MICROSECOND TURN-ON TIME
AM J PSYCHOL V79 P314-317 JUN 1966
BY MYLREA K C
DAM ACCESS NO.....015920-009
DOC NUMBER.....AD656730
INSTR...AF-49/638/01402
PROJECT/TASK.....5002/00

AFOSR 67-1809
UNIVERSITY OF MICHIGAN
INTERFERENCE OR DECAY OVER SHORT RETENTION INTERVALS
J VERB LEARN VERB BEHAV V6 N1 P24-34 1 FEB 1967
BY CONRAD K
DAM ACCESS NO.....015920-010
DOC NUMBER.....AD656731
INSTR...AF-49/638/01402
PROJECT/TASK.....5002/00

AFOSR 67-1810
UNIVERSITY OF MICHIGAN
INDIVIDUAL DIFFERENCES AND THEORETICAL PROCESS VARIABLES
GENERAL COMMENTS ON THE CONFERENCE
LEARNING INDIVIDUAL DIFFERENCES HOWARD M GAGNÉ ED P223-250
COLUMBUS O CHARLES E MENNELL BOOKS INC 1967
BY MELTON A W
DAM ACCESS NO.....015920-011
DOC NUMBER.....AD656732
INSTR...AF-49/638/01402
PROJECT/TASK.....5002/00

AFOSR 67-1811
UNIVERSITY OF MICHIGAN
EFFECT OF SIZE AND LOCATION OF INFORMATION TRANSFORMS
UPON SHORT TERM MEMORY
J EMBL PSYCH V70 NO PP886-905 1965
BY ROSENTHAL M J
ROSENTHAL E
OAR ACCESS NO.....015920-012
DDC NUMBER.....A065638
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1812
UNIVERSITY OF MICHIGAN
EFFECT OF VOLUME PAIRED ASSOCIATES
ON THE NATURE OF SHORT-TERM MEMORY FUNCTIONING IN DEAF
J EMBL PSYCH V70 NO PP886-905 1965
BY CONRAD M
ROSENTHAL E
OAR ACCESS NO.....015920-013
DDC NUMBER.....A065639
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1813
UNIVERSITY OF MICHIGAN
ON THE NATURE OF SHORT-TERM MEMORY FUNCTIONING IN DEAF
J EMBL PSYCH V70 NO PP886-905 1965
BY CONRAD M
ROSENTHAL E
OAR ACCESS NO.....015920-014
DDC NUMBER.....A065640
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1814
UNIVERSITY OF MICHIGAN
SELECTIVE ATTENTION
PSYCHOL MON V71 NO PP475-492 1966
BY ROSENTHAL M
ROSENTHAL E
OAR ACCESS NO.....015920-015
DDC NUMBER.....A065641
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1815
UNIVERSITY OF MICHIGAN
IDENTIFICATION OF SPHERICAL AUDITORY AND VISUAL STIMULI
PSYCHOL SCI V3 PP419-423 1965
BY FARMLEY A S
OAR ACCESS NO.....015920-016
DDC NUMBER.....A065642
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1816
UNIVERSITY OF MICHIGAN
MEMORY AND IMAGINE IN HUMAN INTELLIGENCE PERFORMANCE
MILL J PSYCHOL V50 NO2403 PP427-435 1965
BY ROSENTHAL M J
OAR ACCESS NO.....015920-017
DDC NUMBER.....A065643
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1817
UNIVERSITY OF MICHIGAN
COGNITIVE ASPECTS OF INFORMATION PROCESSING: THE EFFECT OF
SPEED VERSUS ACCURACY
J EMBL PSYCH V71 NO PP475-492 1966
BY FITTS P M
OAR ACCESS NO.....015920-018
DDC NUMBER.....A065644
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1818
UNIVERSITY OF MICHIGAN
IDENTIFYING OTHER VOICES IN AN ELECTROACOUSTICALLY NOISE
NOISE FIELD
J EMBL PSYCH V71 NO PP475-492 1966
BY WILLIAMS J
OAR ACCESS NO.....015920-019
DDC NUMBER.....A065645
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1819
UNIVERSITY OF MICHIGAN
EFFECT OF SIZE AND LOCATION OF INFORMATION TRANSFORMS
UPON SHORT TERM MEMORY
J EMBL PSYCH V70 NO PP886-905 1965
BY ROSENTHAL M J
ROSENTHAL E
OAR ACCESS NO.....015920-020
DDC NUMBER.....A065646
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1820
UNIVERSITY OF MICHIGAN
EFFECT OF VOLUME PAIRED ASSOCIATES
ON THE NATURE OF SHORT-TERM MEMORY FUNCTIONING IN DEAF
J EMBL PSYCH V70 NO PP886-905 1965
BY CONRAD M
ROSENTHAL E
OAR ACCESS NO.....015920-021
DDC NUMBER.....A065647
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1821
UPPSALA UNIVERSITY
CALCULATION OF ELASTIC CONSTANTS OF SODIUM FLUORIDE
ARKIV FYSIK V36 NR PP149-213 1967
BY VALLEN J
PETERSSON G
CALAIS J L
NANSSIRKA A
OAR ACCESS NO.....012771-002
DDC NUMBER.....A065648
INSTR...AF-61/052/00937
PROJECT/TASK.....9763/00

AFOSR 67-1822
UNIVERSITY OF MICHIGAN
ACOUSTIC FACTORS VERSUS LANGUAGE FACTORS IN SHORT-TERM
MEMORY
PSYCHOL SCI V3 PP57-58 15 JUL 1965
BY CONRAD M
ROSENTHAL E
MULL A J
OAR ACCESS NO.....015920-022
DDC NUMBER.....A065649
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1823
UNIVERSITY OF MICHIGAN
INFORMATION CAPACITY OF DISCRETE MOTOR RESPONSES UNDER
DIFFERENT COGNITIVE SETS
J EMBL PSYCH V71 NO PP475-492 1966
BY FITTS P M
HARDING U K
OAR ACCESS NO.....015920-023
DDC NUMBER.....A065650
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1824
UNIVERSITY OF MICHIGAN
RECENT PSYCHOLOGICAL RESEARCH RELEVANT TO THE HUMAN FACTORS
ENGINEERING OF MAN-MACHINE SYSTEMS
PROC NATL ELECTRON CONF CHICAGO ILL OCT 1965
BY PERIN M
OAR ACCESS NO.....015920-024
DDC NUMBER.....A065651
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1825
UNIVERSITY OF MICHIGAN
GRAMMATICAL FACTORS IN SENTENCE RECOGNITION
J EMBL PSYCH V71 NO PP475-492 1966
BY MARTIN E
HUGHES K H
OAR ACCESS NO.....015920-025
DDC NUMBER.....A065652
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1826
UNIVERSITY OF MICHIGAN
MUSICAL RESPONSES IN A PITCH-DISCRIMINATION TASK
PERCEPT PSYCHOPHYS V2 PP101-105 1967
BY KAMMENHAN D
HEATY J
OAR ACCESS NO.....015920-026
DDC NUMBER.....A065653
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1827
UNIVERSITY OF MICHIGAN
STIMULUS PRONUNCIABILITY IN AURAL PAIRED-ASSOCIATE LEARNING
J EMBL PSYCH V71 NO PP475-492 1966
BY MARTIN E
OAR ACCESS NO.....015920-027
DDC NUMBER.....A065654
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1828
UNIVERSITY OF MICHIGAN
STIMULUS RECOGNITION IN AURAL PAIRED-ASSOCIATE LEARNING
J EMBL PSYCH V71 NO PP475-492 1966
BY MARTIN E
OAR ACCESS NO.....015920-028
DDC NUMBER.....A065655
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1829
UNIVERSITY OF MICHIGAN
THE HANDBOOK PHENOMENON: FAILURE OF IMMEDIATE RECALL
CORRELATED WITH REPETITION OF ELEMENTS WITHIN A STIMULUS
PSYCHOL SCI V2 PP249-259 1965
BY CHODER R G
MELTON A W
OAR ACCESS NO.....015920-029
DDC NUMBER.....A065656
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1830
UNIVERSITY OF MICHIGAN
S-M COMPATIBILITY AND INFORMATION REDUCTION
J EMBL PSYCH V71 NO PP475-492 1966
BY FITTS P M
OIFERMAN J
OAR ACCESS NO.....015920-030
DDC NUMBER.....A065657
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1831
UNIVERSITY OF MICHIGAN
CONCEPT UTILIZATION
HANDOUT WITH PSYCHOL V3 PP205-247 LUCE BUSH & GALANTER ED
NEW YORK JOHN WILEY & SONS 1965
BY MARTIN F
DAR ACCESS NO.....015920-029
DOC NUMBER.....AD656656
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1833
UPPSALA UNIVERSITY
EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC
CONSTANTS OF SODIUM CHLORIDE
ARKIV FYSIK V34 N31 PP371-376 1967
BY FETTERSSON G
VALLIN J
CALAIS J L
MANSIKKA K
DAR ACCESS NO.....012771-003
DOC NUMBER.....AD657060
INSTR...AF-61/052/00937
PROJECT/TASK.....9763/02

AFOSR 67-1834
UPPSALA UNIVERSITY
ELASTIC CONSTANTS OF SILVER CHLORIDE
ARKIV FYSIK V34 N30 PP167-169 1967
BY VALLIN J
DAR ACCESS NO.....012771-004
DOC NUMBER.....AD656983
INSTR...AF-61/052/00937
PROJECT/TASK.....9763/02

AFOSR 67-1835
UPPSALA UNIVERSITY
A CALCULATION OF THE COHESIVE ENERGY AND ELASTIC CONSTANTS
OF MAGNESIUM CHLORIDE
ARKIV FYSIK V34 N29 PP361-368 1967
BY CALAIS J L
MANSIKKA K
FETTERSSON G
VALLIN J
DAR ACCESS NO.....012771-005
DOC NUMBER.....AD656981
INSTR...AF-61/052/00937
PROJECT/TASK.....9763/02

AFOSR 67-1836
UNIVERSITY OF PENNSYLVANIA HOSPITAL
INTER-JUDGE RELIABILITY OF HUMAN FIGURE DRAWING MEASURES OF
FIELD DEPENDENCE
PERCEPT MOTOR SKILLS V22 P630 1966
BY EVANS F J
SCHMIDLER D
DAR ACCESS NO.....015070-002
DOC NUMBER.....AD656973
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1837
UNIVERSITY OF MICHIGAN
ACQUISITION OF HIERARCHICAL CONTROL OVER THE TEMPORAL
ORGANIZATION OF A SKILL
J CAPT PSYCHOL V71 N5 PP76A-771 1966
BY PER R W
DAR ACCESS NO.....015920-030
DOC NUMBER.....AD656968
INSTR...AF-49/638/01235
PROJECT/TASK.....5002/00

AFOSR 67-1838
UNIVERSITAT DARM
THE CAPACITY OF THE 105 KEV STATE OF VANADIUM 48/
NUCL PHYS A94 PP427-441 1967
BY AUCHACH K
BRAUNFURTH J
WATPH W
ADENATDOT E
FLYNDEN H W
DAR ACCESS NO.....017270-007
DOC NUMBER.....AD657046
INSTR...AF-FIAH-0059-65
PROJECT/TASK.....9751/02

AFOSR 67-1839
UNIVERSITY OF PENNSYLVANIA HOSPITAL
A COMPARISON OF HYPNOTIC SUSCEPTIBILITY AS ASSESSED BY
DIAGNOSTIC RATINGS AND INITIAL STANDARDIZED TEST SCORES
INTERN J CLIN EXPTL HYPNOSIS V14 N4 PP124-132 1966
BY O'CONNELL D N
OWNE M T
SHOH M E
DAR ACCESS NO.....015070-003
DOC NUMBER.....AD656948
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1840
UNIVERSITY OF PENNSYLVANIA HOSPITAL
AN EXPERIMENTAL INDIRECT TECHNIQUE FOR THE INDUCTION OF
HYPNOSIS WITHOUT AWARENESS
INTERN J CLIN EXPTL HYPNOSIS V14 N2 PP72-85 1967
BY EVANS F J
DAR ACCESS NO.....015071-001
DOC NUMBER.....AD656964
INSTR...AF-AFOSR-0707-67
PROJECT/TASK.....9778/01

AFOSR 67-1841
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MOSSBAUER EVIDENCE FOR A SPIN-COMPENSATED STATE IN DILUTE
Fe-Cu ALLOYS
PHYS REV LETTERS V18 N24 PP1091-1093 12 JUN 67
BY FRANKEL R O
OLUM M A
SCHWARTZ H B
KIM D J
DAR ACCESS NO.....007912-014
DOC NUMBER.....AD657107
INSTR...AF-44620-07-C-0007
PROJECT/TASK.....9764/01

AFOSR 67-1842
UNIVERSITY OF PENNSYLVANIA HOSPITAL
A COMPARISON OF AC AND DC EYE MOVEMENT RECORDING
PSYCHOPHYSIOL V3 N2 PP157-163 OCT 1966
BY TURSKY D
O'CONNELL D N
DAR ACCESS NO.....015070-004
DOC NUMBER.....AD656950
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1843
SYRACUSE UNIVERSITY
FORER ACTION PRINCIPLE AND THE HYPERBOLIC MOTION
AM J PHYS V35 N5 PP437-438 MAY 67
BY STARUSZKIEWICZ A
DAR ACCESS NO.....002079-003
DOC NUMBER.....AD656984
INSTR...AF-AFOSR-0789-66
PROJECT/TASK.....9767/04

AFOSR 67-1844
UNIVERSITY OF PENNSYLVANIA HOSPITAL
UNDESIRABLE EFFECTS OF HYPNOSIS THE DETERMINANTS AND
MANAGEMENT
INTERN J CLIN EXPTL HYPNOSIS V13 N4 PP226-237 1965
BY OWNE M T
DAR ACCESS NO.....015070-005
DOC NUMBER.....AD656977
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1845
UNIVERSITY OF CALIFORNIA
LOW-TEMPERATURE SPECIFIC HEAT OF ANTIMONY
PHYS REV V156 N3 PP782-784 15 APR 67
BY MCCOLLUM D C
TAYLOR W A
DAR ACCESS NO.....017540-001
DOC NUMBER.....AD656988
INSTR...AF-AFOSR-0949-65
PROJECT/TASK.....9763/01

AFOSR 67-1846
UNIVERSITY OF PENNSYLVANIA HOSPITAL
ON THE MECHANISMS OF POSTHYPNOTIC AMNESIA
INTERN J CLIN EXPTL HYPNOSIS V14 N2 PP121-134 1966
BY OWNE M T
DAR ACCESS NO.....015070-006
DOC NUMBER.....AD656949
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1847
COLUMBIA UNIVERSITY
CORRELATION BETWEEN THE PHOTOCHEMISTRY AND THE MASS SPECTRA
OF PYRUVIC ACID AND ISOPROPYL PYRUVATE
J AM CHEM SOC V84 N13 PP3370-3371 21 JUN 1967
BY TUNNO N J
KEISS D J
HADDON W P
MCCLAFFERTY F W
DAR ACCESS NO.....019800-006
DOC NUMBER.....AD656982
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 67-1850
UNIVERSITY OF MICHIGAN
THERMAL MUTATION IN POLYCRYSTALLINE A-D-GLUCOSE
CHEM COMMUN PP864-866 1966
BY HINCKOCK R E
KLOVSKY T E
DAR ACCESS NO.....020710-008
INSTR...AF-AFOSR-1102-66
PROJECT/TASK.....9762/03

AFOSR 67-1852
UNIVERSITY OF PENNSYLVANIA HOSPITAL
WHAT MUST A SATISFACTORY THEORY OF HYPNOSIS EXPLAIN
INTERN J PSYCHIAT V3 N14ND3 PP206-211 JAN MAR 1967
BY OWNE M T
DAR ACCESS NO.....015070-007
DOC NUMBER.....AD656972
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1853
UNIVERSITY OF PENNSYLVANIA HOSPITAL
SPECIFIC MOTOR RESPONSE DURING SLEEP TO SLEEP-ADMINISTERED
MEANINGFUL SUGGESTION AN EXPLORATORY INVESTIGATION
PERCEPT MOTOR SKILLS V23 PP624-636 APR 1965
BY COOK J C
EVANS F J
GUSTAFSON L A
O'CONNELL D N
OWNE M T
DAR ACCESS NO.....015070-008
DOC NUMBER.....AD656947
INSTR...AF-AFOSR-0707-65
PROJECT/TASK.....9778/01

AFOSR 67-1855
UNIVERSITA DEGLI STUDI DI GENOVA
AMPLITUDE CHANGES OF THE EFG POTENTIAL EVOKED BY GHOTIC
STIMULI DURING SLEEP IN MAN /ITALIAN/
MOLL SOC ITAL BIOL SPER V42 N23 PP1704-1706
BY CROLETTI F
GENTILINI A
RUSADINI G
ROSSI G F
ZATTONI J
OAR ACCESS NO.....005924-007
DOC NUMBER.....AD656601
INSTR...AF-61/052/00901
PROJECT/TASK.....9777/01

AFOSR 67-1856
UNIVERSITA DEGLI STUDI DI GENOVA
BEHAVIOR OF THE SINGLE COMPONENTS OF THE VISUAL EVOKED
POTENTIAL DURING SLEEP IN MAN/ITALIAN/
MOLL SOC ITAL BIOL SPER V42 N23 PP1706-1710
BY CROLETTI F
GENTILINI A
RUSADINI G
ROSSI G F
ZATTONI J
OAR ACCESS NO.....005924-008
DOC NUMBER.....AD656602
INSTR...AF-61/052/00901
PROJECT/TASK.....9777/01

AFOSR 67-1857
UNIVERSITY OF CALIFORNIA
RESULTS OF ELECTROENCEPHALOGRAPHIC EXAMINATIONS UNDER THE
INFLUENCE OF VIBRATION AND CENTRIFUGING IN THE MONKEY
ELECTROENCEPHALOG CLIN NEUROPHYSIOL SUPPL 25 PP227-248 1967
BY ADEY W R
KADO R I
WALTER D U
OAR ACCESS NO.....009322-013
DOC NUMBER.....AD656909
INSTR...AF-49/638/01387
PROJECT/TASK.....9777/01

AFOSR 67-1858
UNIVERSITY OF MINNESOTA
CONTRIBUTIONS TO OCEANOGRAPHY THEORY OF MARKOV PROCESSES
J PROBABILITY THEORY VR PP41-48 1967
BY JAIN N C
JAMISON D N
OAR ACCESS NO.....000414-003
DOC NUMBER.....AD656657
INSTR...AF-AFOSR-0311-66
PROJECT/TASK.....9749/02

AFOSR 67-1859
NEW YORK UNIVERSITY
PSEUDO-RADIATION CONDITIONS FOR DERIVATIVES OF RADIATING
FUNCTIONS
J MATHEMATICAL ANAL APPL V18 N3 PP561-568 1967
BY MORGAN R C
OAR ACCESS NO.....000333-006
DOC NUMBER.....AD656987
INSTR...AF-AFOSR-0537-66
PROJECT/TASK.....9749/02

AFOSR 67-1860
UNIVERSITY OF MINNESOTA
MARKOV CHAINS RECURRENT IN THE SENSE OF HARRIS
Z WARSCHAUERLEICHKEITSTHEORIE VERT VR PP41-48 1967
BY JAMISON D N
ADEY S
OAR ACCESS NO.....000414-004
DOC NUMBER.....AD65678A
INSTR...AF-AFOSR-0311-66
PROJECT/TASK.....9749/02

AFOSR 67-1861
POLYTECHNIC INSTITUTE OF BROOKLYN
A STUDY OF THE MECHANISM OF SEA SURFACE SCATTERING
IEEE TRANS ANTENNA PROPAGATION VAP-14 N5 PP611-620 SEPT
1966
BY DELONG M D J
CASSEDY P S
OAR ACCESS NO.....001855-036
DOC NUMBER.....AD657043
INSTR...AF-49/638/01402
PROJECT/TASK.....4751/00

AFOSR 67-1862
POLYTECHNIC INSTITUTE OF BROOKLYN
NATURE AND OPTIMIZATION OF THE GROUND-LATERAL-WAVE EXCITED
BY SUBMERGED ANTENNAS
PROC IRE LINDEN V113 N4 PP1299-1310 AUG 1966
BY STAHMAN D
TAMIN F
OAR ACCESS NO.....001085-337
DOC NUMBER.....AD657040
INSTR...AF-49/638/01402
PROJECT/TASK.....4751/00

AFOSR 67-1863
HARVARD UNIVERSITY
CHEMICAL DYNAMICS
PHYS LETTERS V74H N9 PP873-876 1 MAY 1967
BY SCHWINGH J
OAR ACCESS NO.....004061-037
DOC NUMBER.....AD657098
INSTR...AF-49/638/01380
PROJECT/TASK.....9751/01

AFOSR 67-1864
HARVARD UNIVERSITY
MAGNETIC CHANGE AND GENERAL RELATIVITY
PHYS REV V155 N4 PP1423-1427 25 MAR 1967
BY TUNG-MO W Y
OAR ACCESS NO.....004861-03H
DOC NUMBER.....AD657063
INSTR...AF-49/638/01380
PROJECT/TASK.....9751/01

AFOSR 67-1865
KANSAS STATE UNIVERSITY
APPLICATION OF QUASILINEARIZATION TO THE SOLUTION OF
NONLINEAR DIFFERENTIAL EQUATIONS
SPECIAL REPORT NO 78 AUG 1967
BY LEE E S
CHEN S S
FAN L T
HWANG C L
OAR ACCESS NO.....014031-003
DOC NUMBER.....AD656782
INSTR...AF-AFOSR-0463-66
PROJECT/TASK.....9752/01

AFOSR 67-1866
UNIVERSITY OF SOUTHERN CALIFORNIA
SIGNAL FLOW GRAPHS OF SAMPLED-DATA SYSTEMS A NEW
FORMULATION
IEEE TRANS AUTO CONTROL V AC-12 N2 PP154-161 2 APR 1967
BY SKOLAR M
HEKEY G A
OAR ACCESS NO.....021210-001
DOC NUMBER.....AD656940
INSTR...AF-AFOSR-1018-66
PROJECT/TASK.....9769/03

AFOSR 67-1867
CALIFORNIA INSTITUTE OF TECHNOLOGY
POTENTIAL OF A CHARGED CYLINDER
BY LAM J
OAR ACCESS NO.....000182-008
DOC NUMBER.....AD659376
INSTR...AF-49/638/01266
PROJECT/TASK.....9768/02

AFOSR 67-1868
TUFTS UNIVERSITY
INNOVATION IN TASK ORIENTED COMMUNICATION
FINAL REPORT AUG 1967
BY ROBY T H
OAR ACCESS NO.....021507-001
DOC NUMBER.....AD656778
INSTR...AF-AFOSR-1095-66
PROJECT/TASK.....9776/02

AFOSR 67-1869
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HELICON MAGNETOPLASMA EDGE AND FARADAY ROTATION IN SOLID
STATE PLASMAS AT MICROWAVE FREQUENCIES
APPL OPTICS V6 N4 PP 675-684 APR 1967
BY FUNDYNA J K
OAR ACCESS NO.....007912-015
DOC NUMBER.....AD6567105
INSTR...AF-4620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1870
UNIVERSITY OF CALIFORNIA
FIXED CHARGE IN THE CELL MEMBRANE
J PHYSICAL V189 PP351-365 1967
BY FLUL M
OAR ACCESS NO.....009322-014
DOC NUMBER.....AD656777
INSTR...AF-49/638/01387
PROJECT/TASK.....9777/01

AFOSR 67-1871
UNIVERSITY OF CALIFORNIA
APPLICATIONS ON NON-UNIFORM ELECTRIC FIELDS PART I -
ELECTROPHORETIC EVALUATION OF ADSORPTION
TRANS FARADAY SOC V62 N528 PT 12 DEC 1966
BY FLUL M
OAR ACCESS NO.....009322-015
DOC NUMBER.....AD656974
INSTR...AF-49/638/01387
PROJECT/TASK.....9777/01

AFOSR 67-1872
UNIVERSITY OF CALIFORNIA
STATISTICAL MECHANISMS IN GENERATION OF THE EEG
PROGR BIOMEDICAL ENG PP131-150 NY BASIC BOOK INC 1967
BY FLUL R
OAR ACCESS NO.....009322-016
DOC NUMBER.....AD656975
INSTR...AF-49/638/01387
PROJECT/TASK.....9777/01

AFOSR 67-1873
MICHIGAN UNIVERSITY
THE FEASIBILITY OF DEVELOPING TRANSFER OF TECHNOLOGY
FUNCTIONS
KVKLOS V20 N2 PP431-459 1967
BY SPENCER D L
BORUNIAK A
OAR ACCESS NO.....014622-001
DOC NUMBER.....AD657040
INSTR...AF-AFOSR-0533-67
PROJECT/TASK.....9779/02

AFOSR 67-1874
UNIVERSITY OF MICHIGAN
HUMAN PERFORMANCE IN INFORMATION PROCESSING AND STORAGE
FINAL REPORT JULY 1967
BY FELTON A W
OAR ACCESS NO.....015920-031
DOC NUMBER.....AD656709
INSTR...AF-49/638/01235
PROJECT.....5002

AFOSR 67-1875
UNIVERSITY OF PENNSYLVANIA
GROUND STATE OF THE RONDG NAMY-HOODY SCATTERING PROBLEM
PHYS REV LETTERS V18 N13 PP488-491 27 MAR 67
BY HEEGER A J
JENSEN M A
OAR ACCESS NO.....022150-001
DOC NUMBER.....AD657052
INSTR...AF-AFOSR-1149-66
PROJECT/TASK.....9763/02

AFOSR 67-1876
UNIVERSITY OF PENNSYLVANIA
EVIDENCE FOR A SINGLE GROUND STATE IN THE MAGNETIC IMPURITY
PROBLEM
PHYS REV LETTERS V18 N23 PP987-1000 5 JUN 67
BY JENSEN M A
HEEGER A J
WELSH L B
GLADSTONE G
OAR ACCESS NO.....022150-002
DOC NUMBER.....AD657051
INSTR...AF-AFOSR-1149-66
PROJECT/TASK.....9763/02

AFOSR 67-1877
UNIVERSITY OF MICHIGAN
CONSERVATIVE INFERENCE WITH SIMPLE AND DIFFUSE HYPOTHESES
FINAL REPORT AUG 1967
BY EDWARDS W
OAR ACCESS NO.....022070-007
DOC NUMBER.....AD657081
INSTR...AF-49/638/01731
PROJECT/TASK.....9778/01

AFOSR 67-1879
ROYAL COLLEGE OF SCIENCE AND TECHNOLOGY
IONIZING DETONATION WAVES IN TRANSVERSE ELECTROMAGNETIC
FIELDS
J PLASMA PHYS V1 PT2 PP219-228 1967
BY GORDON A H
HELLIBELL J H
OAR ACCESS NO.....001123-005
DOC NUMBER.....AD657049
INSTR...AF-EOAR -0006-68
PROJECT/TASK.....9749/01

AFOSR 67-1880
NEW YORK UNIVERSITY
ON THE COMPUTATION OF THE NUMBER OF ELEMENTS IN
COMBINATIONS OF SETS
AM MATH MONTHLY V74 N5 PP513-522 MAY 1967
BY HOMER F D
OAR ACCESS NO.....019282-001
DOC NUMBER.....AD657056
INSTR...AF-AFOSR-0021-66
PROJECT/TASK.....9749/01

AFOSR 67-1881
UNIVERSITY OF CALIFORNIA
ANALYSIS OF BRAIN WAVE RECORDS FROM GEMINI FLIGHT GT-7 BY
COMPUTATIONS TO BE USED IN A THIRTY DAY PRIMATE FLIGHT
LIFE 4C1 SPACE RES PP65-93 NORTH-HOLLAND AMSTERDAM 1967
BY ADEY W R
KADO R T
WALTER D O
OAR ACCESS NO.....009320-011
DOC NUMBER.....AD657057
INSTR...AF-AFOSR-0081-61
PROJECT/TASK.....9777/01

AFOSR 67-1882
NEW YORK UNIVERSITY
THE BEHAVIOR OF A SIMPLE QUEUE AT VARIOUS TIMES AND EPOCHS
SIAM REV V9 N2 PP234-248 APR 1967
BY GREENBERG I
OAR ACCESS NO.....010120-003
DOC NUMBER.....AD657054
INSTR...AF-AFOSR-0153-62
PROJECT/TASK.....9749/01

AFOSR 67-1883
STATE UNIVERSITY OF NEW YORK
DISCRETE SYSTEMS AND DIGITAL COMPUTER CONTROL
APPL MECH REV V20 N5 MAY 1967
BY CHANG S S L
OAR ACCESS NO.....014301-001
DOC NUMBER.....AD657061
INSTR...AF-AFOSR-0542-67
PROJECT/TASK.....9769/01

AFOSR 67-1884
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXPERIMENTAL VERIFICATION OF THE FERMI-DIRAC DISTRIBUTION
OF ELECTRONS IN GALLIUM
PHYS REV LETTERS V18 N25 PP1133-1135 19 JUN 1967
BY SHAPIRA Y
HEUNINGEN L J
OAR ACCESS NO.....007912-016
DOC NUMBER.....AD657106
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1885
RICE UNIVERSITY
RLUNT-NOSFO MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR
AAR-33 1967
BY HEIDLMAN J C
OAR ACCESS NO.....010441-003
DOC NUMBER.....AD615507
INSTR...AF-AFOSR-0826-67
PROJECT/TASK.....9749/01

AFOSR 67-1886
STAMFORD UNIVERSITY
INTEGRATED DIRECT-COUPLED GYRATOR
ELECTRON LETTERS V3 N5 PP182-184 MAY 1967
BY CHUA M I
NECCNS R W
OAR ACCESS NO.....011068-002
DOC NUMBER.....AD657108
INSTR...F44620-67-C-0001
PROJECT/TASK.....9749/01

AFOSR 67-1887
P E C RESEARCH ASSOCIATES INC
AUTOMATIC ENGLISH SENTENCE ANALYSIS FINAL REPORT MAY 1967
BY GLASERSFELD E V
DUTTON B
OAR ACCESS NO.....023000-001
DOC NUMBER.....AD657043
INSTR...F44620-67-C-0028
PROJECT/TASK.....9769/05

AFOSR 67-1888
UNIVERSITY OF MICHIGAN
KINETIC EQUATION FOR A PLASMA AND ITS APPLICATION TO HIGH-
FREQUENCY CONDUCTIVITY
BY PU J H M
GUERNEY R L
ONG R S B
OAR ACCESS NO.....019052-001
DOC NUMBER.....AD657362
INSTR...AF-AFOSR-0829-67
PROJECT/TASK.....9763/02

AFOSR 67-1889
UNIVERSITY OF TEXAS
UNSUPERVISED LEARNING MINIMUM RISK ADAPTIVE PATTERN
CLASSIFICATION
JSEP TECHNICAL REPORT NO 37 AUG 1967
BY HILGREN C G JR
LAINIOTIS O G
OAR ACCESS NO.....015242-031
DOC NUMBER.....AD657759
INSTR...AF-AFOSR-0766-67
PROJECT.....4751

AFOSR 67-1890
UNIVERSITY OF TEXAS
COMPUTER ASSISTED ELECTROENCEPHALOGRAPHIC ANALYSIS OF
CHICK PYRIDOXINE DEFICIENCY STATES
JSEP TECHNICAL REPORT NO 38 AUG 1967
BY POMEROY L R
VFLCH A J
OAR ACCESS NO.....015242-032
DOC NUMBER.....AD657758
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1891
UNIVERSITY OF TEXAS
MINIMIZATION OF BOOLEAN FUNCTIONS CONTAINING ARBITRARY
PARAMETERS
JSEP TECHNICAL REPORT NO 38 AUG 1967
BY KIRSCH K E
MOTH C H JR
OAR ACCESS NO.....015242-033
DOC NUMBER.....AD657763
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-1892
VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH
CRYSTAL GROWTH STUDIES OF THE ALKALI METALS THE RARE EARTHS
AND COBALT FINAL REPORT AUG 1967
BY KIRN J F
OAR ACCESS NO.....008041-001
INSTR...AF-AFOSR-0294-63
PROJECT/TASK.....9761/02

AFOSR 67-1892
VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH
CRYSTAL GROWTH STUDIES OF THE ALKALI METALS THE RARE
EARTHS AND COBALT FINAL REPORT AUG 1967
BY KIRN J F
OAR ACCESS NO.....008041-002
DOC NUMBER.....AD657053
INSTR...AF-AFOSR-0294-63
PROJECT/TASK.....9761/02

AFOSR 67-1893
UNIVERSITY OF TEXAS
FREQUENCY RANGE OF THE MICROWAVE EMISSION FROM INSB
7 NATUNFORSCHUNG V22A N4 P576 & MAR 1967
BY FERRY D K
YOUNG R W
DOUGAL A A
OAR ACCESS NO.....015241-057
DOC NUMBER.....AD657466
INSTR...AF-AFOSR-0766-66
PROJECT.....4751

AFOSR 67-1894
MARTIN MARIETTA CORPORATION
TRANSITION TO TURBULENCE FOR SUHMENGD INCOMPRESSIBLE AND
FREE COMPRESSIBLE FLUID JETS
OR 0882 JUNE 1967
BY MCKENSIE C P
DORSET M P
OAR ACCESS NO.....021780-001
DOC NUMBER.....AD656780
INSTR...AF-49/638/01725
PROJECT/TASK.....4781/01

AFOSR 67-1894
UNIVERSITY OF CALIFORNIA
AN EXPERIMENTAL METHOD FOR THE STUDY OF INTERACTIONS
BETWEEN DETONATION WAVES AND MAGNETIC FIELDS
TECHNICAL REPORT NO. 3-67 MEMPHIS AR 67-7 JUNE 1967
DAW ACCESS NO.....001935-003
DOC NUMBER.....AD657354
INSTR...AF-AFOSR-0129-67
PROJECT/TASK.....V711/01

BY LUNDSTROM E A
WITTE P A
HPPHENHEIM A K

AFOSR 67-1896
IIT RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY
IITRI-C227-19 MAY 1967
DAW ACCESS NO.....015930-008
DOC NUMBER.....AD657107
INSTR...AF-AFOSR-0129-67
PROJECT/TASK.....V711/02

BY SOLOMON I J

AFOSR 67-1897
UNIVERSITY OF CALIFORNIA
KINETIC THEORY OF A SPHERICAL ELECTROSTATIC PULSE IN A
STATIONARY PLASMA
PHYS FLUIDS V9 N11 PP2150-2167 NOV 1966
DAW ACCESS NO.....004933-001
DOC NUMBER.....AD650500
INSTR...AF-AFOSR-0539-66
PROJECT/TASK.....V711/01

BY CHOU Y S
TALBOT L
WILLIS O R

AFOSR 67-1900
GENERAL DYNAMICS
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC
BEAM TECHNIQUES
GA-7927 APRIL 1967
DAW ACCESS NO.....010400-002
DOC NUMBER.....AD657304
INSTR...AF-AFOSR-0539-66
PROJECT/TASK.....V711/02

BY PALMER H L
SMITH J N JR
SALTSHURG H

AFOSR 67-1899
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
APPLICATION OF THE SMOOTH-SURFACE INTERPOLATION TO THE
FINITE-ELEMENT ANALYSIS
AIAA J V5 N1 PP187-189 JAN 1967
DAW ACCESS NO.....008083-002
DOC NUMBER.....AD657403
INSTR...AF-AFOSR-0387-64
PROJECT/TASK.....V711/01

BY DEAR A L
PIAN T H

AFOSR 67-1900
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SOLUTION OF NONLINEAR FLOW PROBLEMS THROUGH PARAMETRIC
DIFFERENTIATION
PHYS FLUIDS V10 N4 PP431-435 APR 1967
DAW ACCESS NO.....001194-004
DOC NUMBER.....AD657405
INSTR...AF-AFOSR-0135-65
PROJECT/TASK.....V711/02

BY LANDAU H

AFOSR 67-1901
UNIVERSITY OF UTAH
IGNITION AND COMBUSTION OF SOLID PROPELLANTS
FINAL REPORT SEPT 1965
DAW ACCESS NO.....001405-001
DOC NUMBER.....AD657781
INSTR...AF-AFOSR-0040-66
PROJECT/TASK.....V711/01

BY MANTILA H G
CHENG J T
DUICK L S
KELLER J A
GACH A D

AFOSR 67-1902
UNIVERSITY OF CALIFORNIA
PRESSURE DEPENDENCE OF NONMETALLIZED HYDROGEN FUEL COMBUSTION
RATES
AIAA J V5 N4 PP774-778 APR 1967
DAW ACCESS NO.....017420-001
DOC NUMBER.....AD657410
INSTR...AF-AFOSR-0427-65
PROJECT/TASK.....V711/01

BY KOSDON F J
WILLIAMS F A

AFOSR 67-1903
UNIVERSITY OF MICHIGAN
RELAXATION TO EQUILIBRIUM OF A DILUTE ELECTRON PLASMA
J MATH PHYS V8 N2 PP249-262 FEB 1967
DAW ACCESS NO.....012051-002
DOC NUMBER.....AD657412
INSTR...AF-AFOSR-0427-65
PROJECT/TASK.....V711/02

BY MCLEOD J H
ONG H S H

AFOSR 67-1904
PENNSYLVANIA STATE UNIVERSITY
ACOUSTIC WAVES IN THE THERMOPHORE
SCIENTIFIC REPORT NO. 104 AUG 1967
DAW ACCESS NO.....004940-002
DOC NUMBER.....AD657449
INSTR...AF-AFOSR-0427-65
PROJECT/TASK.....V711/02

BY WIGHT L H

AFOSR 67-1905
COLUMBIA UNIVERSITY
ONE-DIMENSIONAL ATOMIC MODEL FOR A DISLOCATION LINE
PHYS REV V154 N3 PP854-861 15 FEB 67
DAW ACCESS NO.....020680-001
DOC NUMBER.....AD657244
INSTR...AF-AFOSR-1099-66
PROJECT/TASK.....V711/01

BY SANDERS W T

AFOSR 67-1906
CONNELL UNIVERSITY
CURRENT DIFFUSION IN A SHOCK TUBE WITH VARYING MAGNETIC
FIELD
J PHYS SOC JAPAN V22 N3 PP401-405 MAR 1967
DAW ACCESS NO.....007413-001
DOC NUMBER.....AD655190
INSTR...AF-AFOSR-0399-67
PROJECT/TASK.....V711/02

BY YASUHARA M

AFOSR 67-1907
CONNELL UNIVERSITY
GAS IONIZING SHOCK WAVE IN MAGNETIC SHOCK TUBE
TRANS JAPAN SOC AERON SPACE SCI V4 N15 PP70-76 1966
DAW ACCESS NO.....007413-002
DOC NUMBER.....AD655191
INSTR...AF-AFOSR-0399-67
PROJECT/TASK.....V711/02

BY YASUHARA M

AFOSR 67-1908
NORTHWESTERN UNIVERSITY
TRANSIENT RESPONSE OF AN ELASTIC SHELL IN PLANE STRAIN
J ACUST SOC AM V41 N2 PP358-368 FEB 1967
DAW ACCESS NO.....012244-002
DOC NUMBER.....AD657427
INSTR...AF-AFOSR-0100-66
PROJECT/TASK.....V711/01

BY KEER L M
FLEMING J F
HEINEMANN G

AFOSR 67-1910
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
WIND TUNNEL TESTS OF SIMULATED SPHERICAL HAILSTONES WITH
VARIABLE MOISTURE
J ATMOSPHERIC SCI V24 N1 PP58-62 JAN 1967
DAW ACCESS NO.....001393-005
DOC NUMBER.....AD657408
INSTR...AF-AFOSR-0156-64
PROJECT/TASK.....V711/02

BY YOUNG R G E
JORGENSEN K A

AFOSR 67-1911
CONNELL UNIVERSITY
A THEORY FOR THE SLIP-BOUNDARY CONDITIONS OVER A
SURFACE DEFINED BY ARBITRARY GAS-SURFACE INTERACTION
PARAMETERS
HARPERD GAS DYNAMICS 5TH SYMP V1 C L HUNDEIN ED UNIV
OF CALIF JUL 1966 PP623-640 NEW YORK ACADEMIC PRESS 1967
DAW ACCESS NO.....001062-006
DOC NUMBER.....AD655195
INSTR...AF-AFOSR-0134-66
PROJECT/TASK.....V711/02

BY SHEN S F

AFOSR 67-1912
UNIVERSITY OF MICHIGAN
TEST-PARTICLE RELAXATION IN AN ELECTRON GAS DESCRIBED BY
THE FOKKER-PLANCK KINETIC EQUATION
HARPERD GAS DYNAMICS 5TH SYMP V2 C L HUNDEIN ED UNIV
OF CALIF JUL 1966 PP1623-1638 NEW YORK ACADEMIC PRESS 1967
DAW ACCESS NO.....017051-003
DOC NUMBER.....AD657290
INSTR...AF-AFOSR-0425-65
PROJECT/TASK.....V711/02

BY HINLANDS G

AFOSR 67-1913
APPLICATIONS RESEARCH SCIENTIFIC
VARIATIONAL APPROACH TO HARTFELD FLOWS IN CYLINDRICAL AND
SPHERICAL GEOMETRY
HARPERD GAS DYNAMICS 5TH SYMP V1 C L HUNDEIN ED UNIV
OF CALIF JUL 1966 PP555-571 NEW YORK ACADEMIC PRESS 1967
DAW ACCESS NO.....018130-000
DOC NUMBER.....AD657230
INSTR...AF-AFOSR-0408-65
PROJECT/TASK.....V711/01

BY GENCIGIANE C
MAGANI C D

AFOSR 67-1914
APPLICATIONS RESEARCH SCIENTIFIC
SUMMARY RESULTS ABOUT A KINETIC MODEL WITH VELOCITY -
DEPENDENT COLLISION FREQUENCY
HARPERD GAS DYNAMICS 5TH SYMP V1 C L HUNDEIN ED UNIV
OF CALIF JUL 1966 PP301-304 NEW YORK ACADEMIC PRESS 1967
DAW ACCESS NO.....018130-007
DOC NUMBER.....AD657233
INSTR...AF-AFOSR-0408-65
PROJECT/TASK.....V711/01

BY GENCIGIANE C
MAGANI C D

AFOSR 67-1915
APPLICAZIONE RICERCA SCIENTIFICHE
THE PHENOMENON OF A CYLINDER ROTATING IN A HARMONIC GAS
HARMONIC GAS DYNAMICS 5TH SYMPOSIUM VI C. L. BRUNDIN ED UNIV
OXFORD JUL 1966 PP505-516 NEW YORK ACADEMIC PRESS 1967
BY HASSANIAN I
CERCIGNANI C
SCHWENDTMANN P
DAR ACCESS NO.....018130-008
DOC NUMBER.....AD657232
INSTR...AF-61/052/00461
PROJECT/TASK.....9781/01

AFOSR 67-1916
APPLICAZIONE RICERCA SCIENTIFICHE
NON-LINEAR HEAT TRANSFER BETWEEN TWO PARALLEL PLATES
ACCORDING TO A MODEL WITH CORRECT PRANDTL NUMBER
HARMONIC GAS DYNAMICS 5TH SYMPOSIUM VI C. L. BRUNDIN ED UNIV
OXFORD JUL 1966 PP441-453 NEW YORK ACADEMIC PRESS 1967
BY CERCIGNANI C
TENDI G
DAR ACCESS NO.....018130-004
DOC NUMBER.....AD657235
INSTR...AF-61/052/00461
PROJECT/TASK.....9781/01

AFOSR 67-1917
UNIVERSITY OF TEXAS
THE PHASE AB TWO IN THE TERNARY SYSTEMS LANTHANUM-ANTIMONY-
TELLURIUM AND LANTHANUM-TIN-ANTIMONY
INORG CHEM VOL 7 PP1298-1300 JUL 1967
BY WANG P
STEININK H
RAMAN A
DAR ACCESS NO.....010751-007
DOC NUMBER.....AD657271
INSTR...AF-61/052/00461
PROJECT/TASK.....9781/02

AFOSR 67-1918
POLYTECHNIC INSTITUTE OF BROOKLYN
RELIABILITY APPROXIMATIONS FOR COMPLEX STRUCTURES
PHOC ANN SYMPO RELIABILITY 1967 10-12 JAN 1967 PP732-731
BY MESSINGER M
SHOUMAN M
DAR ACCESS NO.....001645-038
DOC NUMBER.....AD657281
INSTR...AF-61/052/00461
PROJECT/TASK.....9781/00

AFOSR 67-1919
BYRN MAWR COLLEGE
AUDITORY DIRECTION AND HEAD MOTATION
PERCEPT MOTOR SKILLS V24 PP021-062 1967
BY KANRER F E
DAVIDSON R S
DAR ACCESS NO.....001562-001
DOC NUMBER.....AD657281
INSTR...AF-61/052/00461
PROJECT/TASK.....9781/03

AFOSR 67-1920
UNIVERSITY OF FLORIDA
THE SELECTION OF OPTIMUM CONDITIONS FOR SPECTROCHEMICAL
METHODS III SENSITIVITY OF ATOMIC FLUORESCENCE ABSORPTION
AND EMISSION FLAME SPECTROMETRY
J CHEM EDUC V44 N4 PP214-222 APR 1967
BY PARSONS W L
MCCARTHY W J
WINEFORDALE J D
DAR ACCESS NO.....020430-013
DOC NUMBER.....AD657284
INSTR...AF-61/052/00461
PROJECT/TASK.....9710/04

AFOSR 67-1921
UNIVERSITY OF MISSOURI
A COLLECTION OF SOME CONTROLLED SURFACE THERMAL
ACCOMMODATION COEFFICIENT MEASUREMENTS
HARMONIC GAS DYNAMICS 5TH SYMPOSIUM VI C. L. BRUNDIN ED UNIV
OXFORD JUL 1966 PP155-162 NEW YORK ACADEMIC PRESS 1967
BY THOMAS L H
DAR ACCESS NO.....012000-001
DOC NUMBER.....AD657281
INSTR...AF-61/052/00461
PROJECT/TASK.....9781/02

AFOSR 67-1922
UNIVERSITY OF MISSOURI
DETERMINATION OF THE THERMAL ACCOMMODATION COEFFICIENTS OF
GASES ON CLEAN SURFACES AT TEMPERATURES ABOVE 300 DEGREES
K BY THE TEMPERATURE JUMP METHOD
HARMONIC GAS DYNAMICS 5TH SYMPOSIUM VI C. L. BRUNDIN ED UNIV
OXFORD JUL 1966 PP163-172 NEW YORK ACADEMIC PRESS 1967
BY MOACH D V
THOMAS L H
DAR ACCESS NO.....012000-002
DOC NUMBER.....AD657281
INSTR...AF-61/052/00461
PROJECT/TASK.....9781/02

AFOSR 67-1923
UNIVERSITY OF DUNEDIN
AUSTRALIAN J SCI V23 N11 PP383-384 1967
BY LYONS L F
DAR ACCESS NO.....010990-013
DOC NUMBER.....AD657284
INSTR...AF-61/052/00461
PROJECT/TASK.....9781/02

AFOSR 67-1924
CORNELL UNIVERSITY
FLUID MECHANICS RESEARCH FINAL REPORT JULY 1967
BY SPARS A H
DAR ACCESS NO.....017412-023
DOC NUMBER.....AD657284
INSTR...AF-61/052/00461
PROJECT/TASK.....9781/01

AFOSR 67-1925
NORTHWESTERN UNIVERSITY
RESPONSE OF CYLINDRICAL SANDWICH SHELLS TO MOVING LOADS
J APPL MECH PP81-86 MAR 1967
BY HERRMANN G
HARRIS E H
DAR ACCESS NO.....012243-004
DOC NUMBER.....AD657284
INSTR...AF-61/052/00461
PROJECT/TASK.....9782/01

AFOSR 67-1926
YONAH UNIVERSITY
DISCONTINUOUS VECTOR FIELDS AND FEEDBACK CONTROL
DIFFERENTIAL EQUATIONS AND DYNAMICAL SYSTEMS PP155-166
ACADEMIC PRESS NEW YORK 1967
BY HENNES H G
DAR ACCESS NO.....019591-009
DOC NUMBER.....AD657288
INSTR...AF-61/052/00461
PROJECT/TASK.....9749/01

AFOSR 67-1927
UNIVERSITY OF CALIFORNIA
FEMIN BOUNDS FOR CONVECTIONAL COEFFS AND AN ASYMPTOTICALLY
OPTIMUM DECIDING ALGORITHM
IEEE TRANS INFORM THEORY VIT-13 42 PP260-269 APR 67
BY VITENOI A J
DAR ACCESS NO.....015030-008
DOC NUMBER.....AD657409
INSTR...AF-61/052/00461
PROJECT/TASK.....9749/01

AFOSR 67-1928
STANFORD RESEARCH INSTITUTE
TRANSFERS OF A BURNING PROPELLANT SURFACE TO EROSION
TRANSIENTS
PHU-SHIN MAY 1967
BY HANKEMAN G A
CAPENEM E L
WOLDRIDGE C E
DAR ACCESS NO.....005293-005
DOC NUMBER.....AD619150
INSTR...AF-61/052/00461
PROJECT/TASK.....9713/01

AFOSR 67-1929
TECHNION ISRAEL INST OF TECH
GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM
STIFFENERS
ISRAEL J TECHNOL V5 N1-2 PP114-124 1967
BY HANARI Z
SINGER J
BAHUCH M
DAR ACCESS NO.....001324-002
DOC NUMBER.....AD657089
INSTR...AF-61/052/00461
PROJECT/TASK.....9742/01

AFOSR 67-1930
SPACE SCIENCES INCORPORATED
ON DIFFUSION THEORY IN A GRAVITATIONAL FIELD
HARMONIC GAS DYNAMICS 5TH SYMPOSIUM VI C. L. BRUNDIN ED UNIV
OXFORD JUL 1966 PP325-344 NEW YORK ACADEMIC PRESS 1967
BY ZIERING S
SHEINBLAT M
DAR ACCESS NO.....012391-002
DOC NUMBER.....AD657271
INSTR...AF-61/052/00461
PROJECT/TASK.....9781/01

AFOSR 67-1931
YALE UNIVERSITY
FAN-INWARD MEASUREMENT OF LONG-RANGE PROFILES IN A
DISPLACED PHASE TRANSITION
PHYS REV LETTERS V18 N24 12 JUN 1967
BY WHEELER J G
CLARK J D
DAR ACCESS NO.....002923-005
DOC NUMBER.....AD657657
INSTR...AF-61/052/00461
PROJECT/TASK.....9763/02

AFOSR 67-1932
STANFORD UNIVERSITY
THE FLUORESCENT RESPONSE OF SODIUM IODIDE THALLIUM CESIUM
IODIDE THALLIUM CESIUM IODIDE SODIUM AND CALCIUM FLUORIDE
EXCITATION TO X-RAYS AND LOW ENERGY GAMMA RAYS
IEEE TRANS NUCL SCI NS14 PP448-470 1967
BY AITKEN D W
BROWN H L
MONTAGY G
ZOLIGER H W
DAR ACCESS NO.....010430-001
DOC NUMBER.....AD657284
INSTR...AF-61/052/00461
PROJECT/TASK.....9763/03

AFOSR 67-1933
PENNSYLVANIA STATE UNIVERSITY
CALIBRATION AND USE OF AN ELECTRON MICROSCOPE FOR
PRECISION MICROMEASUREMENTS IN THIN FILM MATERIALS
PHYS STATUS SOLIDI V18 N7 PP7-18 1967
BY MULLER C
DAR ACCESS NO.....010430-001
DOC NUMBER.....AD657284
INSTR...AF-61/052/00461
PROJECT/TASK.....9782/02

AFOSR 67-1934
STANFORD UNIVERSITY
TECHNIQUE AND APPARATUS FOR DETERMINING THE RESPONSE OF
SCINTILLATORS AND SEMICONDUCTORS TO LOW ENERGY X-RAY
EXCITATION
IEEE TRANS NUCL SCI NS13 PP287-290 1966
BY AITKEN D W
MARCUM A I
ZULLIGER M R
DAR ACCESS NO.....016440-002
DOC NUMBER.....AD057276
INSTR...AF-49/638/01499
PROJECT/TASK.....9763/02

AFOSR 67-1935
BROWN UNIVERSITY
KINETIC THEORY OF HEAT TRANSFER FOR A GAS WITH
INTERNAL DEGREES OF FREEDOM
RAREFIED GAS DYNAMICS 5TH SYM V2 C L BRUNDEN ED UNIV
OXFORD JUL 1966 PP19-440 NEW YORK ACADEMIC PRESS 1967
BY MSJ S K
MUSSE T F
DAR ACCESS NO.....018970-003
DOC NUMBER.....AD057273
INSTR...AF-49/638/01322
PROJECT/TASK.....9743/01

AFOSR 67-1936
DEFENSE RESEARCH CORPORATION
PRELIMINARY RESULTS OF A NEW FORMULATION OF THE HYPERSONIC
LEADING EDGE FLOW PROBLEM
RAREFIED GAS DYNAMICS 5TH SYM V2 C L BRUNDEN ED UNIV
OXFORD JUL 1966 PP355-360 NEW YORK ACADEMIC PRESS 1967
BY LAHMANN J A
DAR ACCESS NO.....018230-002
DOC NUMBER.....AD057269
INSTR...AF-49/638/01560
PROJECT/TASK.....9781/01

AFOSR 67-1937
NEW YORK UNIVERSITY
THE TRAIL OF AN IONOSPHERIC SATELLITE II
RAREFIED GAS DYNAMICS 5TH SYM V2 C L BRUNDEN ED UNIV
OXFORD JUL 1966 PP167-170 NEW YORK ACADEMIC PRESS 1967
BY VAGLIC-LAURIN R
DAN Y S
DAR ACCESS NO.....017830-002
DOC NUMBER.....AD057240
INSTR...AF-49/638/01665
PROJECT/TASK.....9741/02

AFOSR 67-1938
INSTITUTE FOR ADVANCED STUDY
ON THE HOMOLOGY GROUPS OF STEIN SPACES
INVENTIONS MATH V2 PP377-385 1967
BY NARASIMHAN R
DAR ACCESS NO.....021010-004
DOC NUMBER.....AD057238
INSTR...AF-49/638/01710
PROJECT/TASK.....9746/02

AFOSR 67-1939
JOHNS HOPKINS UNIVERSITY
PROPAGATION OF FINITE AMPLITUDE WAVES IN SINGLE CRYSTALS OF
HIGH-PURITY ALUMINUM
PHIL MAG V15 N130 PP654-671 APR 1967
BY GILLICH W J
DAR ACCESS NO.....005401-001
DOC NUMBER.....AD057276
INSTR...AF-49/638/01715
PROJECT/TASK.....9742/01

AFOSR 67-1940
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ELEMENT STIFFNESS-METHODS FOR BOUNDARY COMPATIBILITY
AND FOR PRESCRIBED BOUNDARY STRESSES
MATRIX METHODS STRUCT MECHS PM57-477 4PAP UNIC 26-28
OCT 1965
BY PIANT H H
DAR ACCESS NO.....006083-003
DOC NUMBER.....AD057312
INSTR...AF-49/638/01474
PROJECT/TASK.....9782

AFOSR 67-1941
ANTIOCH COLLEGE
ACTIVATION AND LONG TERM PERFORMANCE
ACTA PSYCHOL V27 PP173-184 1967
BY JERISON M J
DAR ACCESS NO.....003824-002
DOC NUMBER.....AD057239
INSTR...AF-49/638/01500
PROJECT/TASK.....9774/01

AFOSR 67-1942
TECHNION/ISRAEL INST OF TECH
INFLUENCE OF IN-PLANE BOUNDARY CONDITIONS ON THE STABILITY
OF CONICAL SHELLS UNDER HYDROSTATIC PRESSURE
ISRAEL J TECHNOL V5 N1-2 PP12-26 1967
BY OARUCH M
HARARI H
SINGAR J
DAR ACCESS NO.....001374-001
DOC NUMBER.....AD057532
INSTR...AF-49/638/01200
PROJECT/TASK.....9742/01

AFOSR 67-1943
UNIVERSITY OF WISCONSIN
INNER FUNCTIONS IN POLYDISCS
JULL AM MATH SOC V73 N3 PP369-372 MAY 1967
BY RUDIN W
DAR ACCESS NO.....020600-001
DOC NUMBER.....AD057248
INSTR...AF-49/638/01499
PROJECT/TASK.....9749/02

AFOSR 67-1945
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DYNAMIC UNCLING OF A CIRCULAR RING CONSTRAINED IN A
RIGID CIRCULAR SURFACE
DYN STABILITY STRUCT INTERN CONF NORTHWESTERN UNIV EVANSTON
ILL 18-20 OCT 1965 PP285-297 1966
BY PIANT H H
DAR ACCESS NO.....008083-004
DOC NUMBER.....AD057283
INSTR...AF-49/638/01474
PROJECT/TASK.....9782/01

AFOSR 67-1946
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GENERALIZED TRANSFORMATION TO A ROTATING COORDINATE
SYSTEM IN QUANTUM MECHANICS
PHYS REV V157 N2 PP291-294 MAY 1967
BY BRADDAUDE M C
DAR ACCESS NO.....007912-017
DOC NUMBER.....AD057531
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-1947
WASHINGTON UNIVERSITY
ON FITTING WITH FUNCTIONAL POLYNOMIALS
J BASIC ENGIN PP399-405 JUN 1967
BY ZAHORSKY J
FLAKE R H
DAR ACCESS NO.....014160-001
DOC NUMBER.....AD057413
INSTR...AF-49/638/01424
PROJECT/TASK.....9749/01

AFOSR 67-1948
STANFORD UNIVERSITY
THE LINEARITY OF THE CHARGE CONVERSION FUNCTION FOR COOLED
LITHIUM-DRIFTED SILICON DETECTORS IN RESPONSE TO X-RAY AND
LOW ENERGY GAMMA RAY EXCITATION
IEEE TRANS NUCL SCI NS14 PP563-568 1967
BY AITKEN D
ZULLIGER M H
DAR ACCESS NO.....016440-003
DOC NUMBER.....AD057254
INSTR...AF-49/638/01499
PROJECT/TASK.....9763/03

AFOSR 67-1950
ANTIOCH COLLEGE
A MODIFICATION OF THE HUFFMAN-FLESHLER GRID SHOCK SCHAMMLER
J REPTL ANAL BEHAV V9 N6 PP609-690 NOV 1966
BY CAMPBELL J M
JERISON M J
DAR ACCESS NO.....003824-003
DOC NUMBER.....AD057483
INSTR...AF-49/638/01500
PROJECT/TASK.....9776/01

AFOSR 67-1951
ANTIOCH COLLEGE
PATTERNS OF EXTINCTION OF A DETECTION-INDICATING
RESPONSE UNDER ESCAPE-AVOIDANCE REINFORCEMENT
PSYCHON SCI V5 N7 PP279-280 1966
BY JERISON M J
DAR ACCESS NO.....003824-004
DOC NUMBER.....AD057484
INSTR...AF-49/638/01500
PROJECT/TASK.....9778/01

AFOSR 67-1952
UNIVERSITY OF PENNSYLVANIA
THE MOORE SCHOOL INFORMATION SYSTEMS LABORATORY
MAY 1967
BY RUBINOFF M
DAR ACCESS NO.....011842-004
DOC NUMBER.....AD057809
INSTR...AF-49/638/01421
PROJECT/TASK.....9769/01

AFOSR 67-1954
UNIVERSIDAD NACIONAL DE CORDOBA
PRIMERAS JORNADAS LATINO AMERICANAS DE ACUSTICA /FIRST
LATIN AMERICAN SYMPOSIUM ON ACOUSTICS CORDOBA ARGENTINA
17-23 MAY 1965
BY FUCHS G L
DAR ACCESS NO.....018160-001
DOC NUMBER.....AD057324
INSTR...AF-49/638/01665
PROJECT/TASK.....9767/02

AFOSR 67-1955
PRINCETON UNIVERSITY
THE CALCULATION OF MODEL STELLAR ATMOSPHERES
WITH COMPUTATIONAL PHYS V7 PP1-52 ACADEMIC PRESS NEW YORK
1967
BY NEMAS M
DAR ACCESS NO.....016500-011
DOC NUMBER.....AD057653
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 67-1956
APPROXIMATE RESEARCH ASSOCIATES INC
SKIN-FRICTION DRAG AT SUPERSONIC-HYPersonic SPEEDS WITH
TRANSITION
J AIRCRAFT PP264-265 MAY-JUN 1967
BY LIU H K
OAR ACCESS NO.....014440-002
DDC NUMBER.....AD657519
INSTR...AF-49/63R/01309
PROJECT/TASK.....9781/01

AFOSR 67-1957
SOUTHWEST RESEARCH INSTITUTE
NOTE ON THE PROPAGATION OF ELASTIC WAVES IN A
HOMOGENEOUS MEDIUM OF FINITE LENGTH
J ADPL MECH MAR 1967
BY FRANCIS P H
OAR ACCESS NO.....010391-002
DDC NUMBER.....AD657517
INSTR...AF-49/63R/01485
PROJECT/TASK.....9782/02

AFOSR 67-1958
UNIVERSITY OF OKLAHOMA
ELECTRON EXCITATION FUNCTIONS OF MERCURY
PHYS REV V157 N1 PP31-40 5 MAY 67
BY ANDERSON M J
LEE E T P
LIN C C
OAR ACCESS NO.....000044-003
DDC NUMBER.....AD657665
INSTR...AF-49/63R-0252-65
PROJECT/TASK.....9787/02

AFOSR 67-1959
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HEAT TRANSFER AND PRESSURE DROP IN TAPE GENERATED SWIRL
FLOW
TH 11 A AUG 67
BY LOPINA M F
BERGLES A E
OAR ACCESS NO.....007912-018
DDC NUMBER.....AD654739
INSTR...F44620-67-C-0047
PROJECT/TASK.....9784/01

AFOSR 67-1960
HARVARD UNIVERSITY
PARTIAL SYMMETRY
PHYS REV LETTERS V18 N21 PP923-926 MAY 1967
BY SCHWINGER J
OAR ACCESS NO.....004861-039
DDC NUMBER.....AD657656
INSTR...AF-49/63R/01380
PROJECT/TASK.....9851/01

AFOSR 67-1961
UNIVERSITY OF SHEFFIELD
PARAMAGNETIC RESONANCE IN RARE EARTH METALS FINAL REPORT
JUNE 1967
BY TEMPLE R S
HARRIS A H
JOHNSON H
TEMPLE D W
OAR ACCESS NO.....010311-002
DDC NUMBER.....AD657790
INSTR...AF-49/63R-0060-65
PROJECT/TASK.....9763/01

AFOSR 67-1962
PRINCETON UNIVERSITY
STATISTICAL EQUILIBRIUM MODEL ATMOSPHERES FOR FAULTY-TYPE
STARS I HYDROGEN CONTINUA
ASTROPHYS J V149 PP165-190 JUL 67
BY MIHALAS D
OAR ACCESS NO.....016500-012
DDC NUMBER.....AD657055
INSTR...AF-49/63R/01555
PROJECT/TASK.....9767/03

AFOSR 67-1963
CASE INSTITUTE OF TECHNOLOGY
LOW-FIELD DE HAAS-VAN ALPHEN STUDY OF THE FERMION
SURFACE OF ALUMINUM
PHYS REV V154 N3 PP703-715 15 APR 1967
BY LARSON C L
GORDON W L
OAR ACCESS NO.....004353-002
DDC NUMBER.....AD657663
INSTR...AF-49/63R-0536-66
PROJECT/TASK.....9763/02

AFOSR 67-1964
UNIVERSITY OF MINNESOTA
ON THE SEARCH FOR VARIATIONAL PRINCIPLES
INTERNAL J HEAT MASS TRANSFER V10 PP799-821 1967
BY FINLAYSON H A
SCHWEN L E
OAR ACCESS NO.....013340-007
DDC NUMBER.....AD657660
INSTR...AF-49/63R-0219-67
PROJECT/TASK.....9767/01

AFOSR 67-1965
UNIVERSITY OF MARYLAND
ELECTRON SPIN POLARIZATION DUE TO A MAGNETIC IMPURITY
PHYS REV V157 N2 PP452-456 10 MAY 1967
BY FULLERBAUM M S
FALK D S
OAR ACCESS NO.....003333-024
DDC NUMBER.....AD657654
INSTR...AF-49/63R-0715-65
PROJECT/TASK.....9751/01

AFOSR 67-1966
UNIVERSITY OF WISCONSIN
PROPERTIES IN POLYISCS
HULL AM MATH SOC V73 N4 PP540-543 JUL 67
BY HUDIN W
OAR ACCESS NO.....020600-002
DDC NUMBER.....AD657640
INSTR...AF-49/63R-1140-66
PROJECT/TASK.....9749/02

AFOSR 67-1967
UNIVERSITY OF SOUTHERN CALIFORNIA
CONSOLIDATED SEMIANNUAL PROGRESS REPORT NO 5
31 MARCH 1967
BY KAPRIELIAN Z
OAR ACCESS NO.....014493-001
INSTR...AF-49/63R-0446-67
PROJECT/TASK.....9751/00

AFOSR 67-1968
CARNEGIE INSTITUTE OF TECHNOLOGY
JULY COME IN A 1967 TIME-SHARING SYSTEM
AUGUST 1967
BY LAUFER H C
OAR ACCESS NO.....022900-013
DDC NUMBER.....AD657782
INSTR...5D
PROJECT/TASK.....9718/00

AFOSR 67-1969
CATHOLIC UNIVERSITY OF AMERICA
ON LINEAR FORMS STOCHASTIC INTEGRALS
35TH SESSION INTERM STATIST INST HELGOLAND SEP 65 PP28-446
BY LAMA H G
LUKACS R
OAR ACCESS NO.....014011-003
DDC NUMBER.....AD657763
INSTR...AF-49/63R-0437-63
PROJECT/TASK.....9749/02

AFOSR 67-1970
ROYAL UNIVERSITY OF UPPSALA
CORRECTION TO THE ENERGY OF A CRYSTAL IN THE ALTERNATE
MOLECULAR ORBITAL APPROXIMATION
ARKIV FYSIK V33 N4 PP103-104 14 SEPT 1966
BY LINDBERGER J
CALAIS J L
OAR ACCESS NO.....023372-004
DDC NUMBER.....AD657740
INSTR...AF-61/052/00874
PROJECT/TASK.....9767/01

AFOSR 67-1971
MIDWEST RESEARCH INSTITUTE
A STUDY OF THE ELECTRIC DEFLECTION OF MOLECULAR BEAMS
AUGUST 1967
BY GREENE F T
MILNE T A
OAR ACCESS NO.....017851-001
INSTR...AF-49/63R/01724

AFOSR 67-1972
UNIVERSITY OF CALIFORNIA
OBSERVATION OF CYCLOTRON EMISSIONS FROM A HIGHLY IONIZED
PLASMA
PHYS LETTERS V22 N5 PP545-587 15 SEP 66
BY KAPLAN H F
MILL H W
WONG A Y
OAR ACCESS NO.....020410-002
DDC NUMBER.....AD657282
INSTR...AF-49/63R-0962-65
PROJECT/TASK.....9767/03

AFOSR 67-1973
GEORGE WASHINGTON UNIVERSITY
THE TWO CONCEPTS OF INFORMATION
J AM STATIST ASSOC V62 PP685-696 JUN 67
BY KULLBACK S
OAR ACCESS NO.....018120-006
DDC NUMBER.....AD657746
INSTR...AF-49/63R-0932-65
PROJECT/TASK.....9749/02

AFOSR 67-1974
ATLANTIC RESEARCH CORPORATION
CHLORINE 2117 OXIDE A NEW CHLORINE OXIDE
J AM CHEM SOC V89 PP2795-2797 1967
BY MCMALE F T
ELNE G V
OAR ACCESS NO.....017041-007
DDC NUMBER.....AD657729
INSTR...AF-49/63R/01645
PROJECT/TASK.....9713/01

AFOSR 67-1975
YALE UNIVERSITY
COUPLING BETWEEN NUCLEAR AND ELECTRONIC MOTION IN DIATOMIC
MOLECULES
J CHEM PHYS V46 N4 PP3034-3040 15 APR 1967
BY LAUE H
OAR ACCESS NO.....002121-005
DDC NUMBER.....AD657756
INSTR...AF-49/63R-0843-65
PROJECT/TASK.....9767/02

AFOSR 67-1976
UNIVERSITY OF ILLINOIS
TUNNELING CURRENTS VIA GOLD LEVELS IN URANIUM PSE
DIODES
PROC IERE V55 N4 PP1103-1106 JUNE 1967
BY SHEETMAN D G
SAM C T
DAR ACCESS NO.....003419-008
DOC NUMBER.....AD657745
INSTR...AF-AFOSR-0714-67
PROJECT/TASK.....97A3/02

AFOSR 67-1977
CONNELL UNIVERSITY
A RADIO SURVEY OF THE REGION OF NGC 6741
J ASTRON V72 N3 PP443-446 APR 1967
BY FENZIAN Y
DAR ACCESS NO.....500040-040
DOC NUMBER.....AD657721
INSTR...AF-49/638/01158
PROJECT/TASK.....2A34/00

AFOSR 67-1978
UNIVERSITY OF OREGON
ORION ELEVEN PRODUCED BY SORFV PHOTONS ON CAMCON 12
PHYS REV V155 N4 PP1094-1061 20 MAR 1967
BY PUGH H G
HENRIE D L
CHADRE Y
BOSCHITZ E
MCCARTHY T E
DAR ACCESS NO.....017601-001
DOC NUMBER.....AD657744
INSTR...AF-AFOSR-0947-67
PROJECT/TASK.....97B1/02

AFOSR 67-1980
UNIVERSITY OF CALIFORNIA
THO-DIMENSIONAL FINITE DEFORMATION EXPERIMENTS ON DOGS
ARTIFICES AND VEINS
AUGUST 1967
BY LEE J S
FRASHER W G JH
HUNG Y C H
DAR ACCESS NO.....001378-002
DOC NUMBER.....AD657746
INSTR...AF-AFOSR-1146-67
PROJECT/TASK.....97B2/01

AFOSR 67-1981
STANFORD UNIVERSITY
AN EXPERIMENTAL STUDY OF THE EFFECT OF LENGTH ON THE
NUCLEI PATTERN OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL
SHELLS
SUPAR 318 JUNE 1967
BY SENDELBECK R L
CARLSON R L
HOFF N J
DAR ACCESS NO.....001403-0P3
DOC NUMBER.....AD657761
INSTR...AF-49/638/01276
PROJECT/TASK.....97B2/01

AFOSR 67-1982
POLYTECHNIC INSTITUTE OF BROOKLYN
TORSIONAL VIBRATIONS OF HOMOGENEOUS AND SANDWICH
SPHERICAL CAPS AND CIRCULAR PLATES
SCIENTIFIC REPORT NO 9
BY KIMLIK I
YU Y Y
DAR ACCESS NO.....005552-C12
INSTR...AF-49/638/01290
PROJECT/TASK.....97B2/01

AFOSR 67-1982
POLYTECHNIC INSTITUTE OF BROOKLYN
TORSIONAL VIBRATIONS OF HOMOGENEOUS AND SANDWICH
SPHERICAL CAPS AND CIRCULAR PLATES
SCIENTIFIC REPORT NO 9 JULY 1967
BY KIMLIK I
YU Y Y
DAR ACCESS NO.....005552-010
DOC NUMBER.....AD657741
INSTR...AF-49/638/01290
PROJECT/TASK.....97B2/01

AFOSR 67-1983
TECHNION RESEARCH AND DEVELOPMENT
EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC STRENGTH OF
COMPOSITES
SCIENTIFIC REPORT NO 5 MML REPORT NO 4 JUNE 1967
BY DUDMAN S W
LIFSHITZ J M
DAR ACCESS NO.....022730-006
DOC NUMBER.....AD657720
INSTR...AF-61/052/00451
PROJECT/TASK.....97B2/02

AFOSR 67-1984
FULMER RESEARCH INSTITUTE LTD
HEAT OF FORMATION AND TRANSITION TEMPERATURES OF SOLID
LITHIUM HEXAFLUOROALUMINATE
TRANSACTIONS OF THE FARADAY SOCIETY VOL. 80, PT. 1, PP. 13-16
MARCH 1968
BY GROSS P
GREENE P D
HAYMAN C
DAR ACCESS NO.....007470-004
DOC NUMBER.....AD657701
INSTR...AF-61/052/00447
PROJECT/TASK.....3B14/17

AFOSR 67-1985
FULMER RESEARCH INSTITUTE
HEATS OF FORMATION OF THE FLUORATES OF LITHIUM SODIUM
AND POTASSIUM
TRANSACTIONS OF THE FARADAY SOCIETY VOL. 80, PT. 1, PP. 17-21 FEB 1968
BY GROSS P
HAYMAN C
JUEL M A
DAR ACCESS NO.....017490-001
DOC NUMBER.....AD657706
INSTR...AF-61/052/00443
PROJECT/TASK.....97B3/02

AFOSR 67-1986
ACMECHEM RESEARCH LABORATORIES INC
KINETICS OF THE ATTACK OF HIGH-TEMPERATURE MOLYBDENUM AND
TUNGSTEN BY ATOMIC OXYGEN
J ELECTROCHEM SOC V114 N4 PP305-314 APR 1967
BY HOSNER O E
ALLENBORNE M D
DAR ACCESS NO.....018631-001
DOC NUMBER.....AD657739
INSTR...AF-49/638/01637
PROJECT/TASK.....97B3/02

AFOSR 67-1987
IIT RESEARCH INSTITUTE
MULTIFLUORINATED AROMATIC ESTERS PREPARATION AND CARBONYL
STRETCHING FREQUENCIES
CAN J CHEM V64 PP2346-2348 1986
BY MILLER H
WHIFF J F
KACHAREN A J
SOLOMON I J
DAR ACCESS NO.....018930-008
DOC NUMBER.....AD657720
INSTR...AF-49/638/01178
PROJECT/TASK.....97B3/02

AFOSR 67-1988
UNIVERSITY OF TEXAS
THE PHYSICS OF METASTABLE SYSTEMS FINAL REPORT MAY 1967
BY ROBERTSON W W
DAR ACCESS NO.....009309-003
DOC NUMBER.....AD657805
INSTR...AF-AFOSR-0273-66
PROJECT/TASK.....97B3/02

AFOSR 67-1989
UNIVERSITY OF LUND
KINETIC AND EQUILIBRIUM STUDIES OF THE THERMAL
DECOMPOSITION OF 2-METHYL-2-PROPANOL
ACTA CHEM SCAND V21 N2 PP565-571 1967
BY SUNNER S
THULEN S A
DAR ACCESS NO.....011581-002
DOC NUMBER.....AD657761
INSTR...AF-EDAR-0034-64
PROJECT/TASK.....97B3/02

AFOSR 67-1990
UNIVERSITY OF MANCHESTER
FIRST LIMIT OF THE HYDROGEN AND OXYGEN REACTION IN VESSELS
COATED WITH BARIUM OXIDE
TRANS FARADAY SOC V534 V63 P16 PP1385-1393 JUN 1967
BY HOBSON A C
SIMMONS W F
DAR ACCESS NO.....010940-003
DOC NUMBER.....AD657737
INSTR...AF-EDAR-0048-62
PROJECT/TASK.....97B3/02

AFOSR 67-1991
IIT RESEARCH INSTITUTE
REACTIONS OF DIFLUORAMINE WITH LEWIS ACIDS
ADVANCES IN CHEMISTRY SERIES N34 ADVANCED PROPELLANT
CHEMISTRY PP181-147 1966
BY KEITH J N
MOUTANT R J
SUMIDA K K
SOLOMON I J
DAR ACCESS NO.....015930-007
DOC NUMBER.....AD657650
INSTR...AF-49/638/01175
PROJECT/TASK.....3B14/50

AFOSR 67-1992
UNIVERSITY OF MICHIGAN
GENERALIZED PRANDTL-MEYER WAVES IN RELAXATION HYDRODYNAMICS
QUART APPL MATH 25 N2 PP147-162 JUL 67
BY COUWEN N
DAR ACCESS NO.....011760-003
DOC NUMBER.....AD657766
INSTR...AF-AFOSR-0020-63
PROJECT/TASK.....97B4/01

AFOSR 67-1993
FULMER RESEARCH INSTITUTE LTD
HEATS OF FORMATION OF BORON NITRIDE AND BORON FLUORIDE
PURE WHITE CERAM SOC NH PP39-50 JUN 1967
BY GROSS P
HAYMAN C
STUART M C
DAR ACCESS NO.....007570-005
DOC NUMBER.....AD657664
INSTR...AF-61/052/00447
PROJECT/TASK.....3B14/17

AFOSR 67-1994
UNIVERSITY OF DURHAM
RARE EARTH COMPOUNDS
PROPERTIES THERMODYNAMIC PHYSIQUES ET STRUCTURALES DES
OXYDES SEMI-METALLIQUES - CHNS PP357-360 1967
BY KENNETH N R
TAYLOR M I
BARRE J D
THOMPSON
DAR ACCESS NO.....013580-003
DOC NUMBER.....AD657696
INSTR...AF-EDAR-0075-63
PROJECT/TASK.....97B3/02

AFOSR 67-1995
AFROCHEN RESEARCH LABS INC
NO - D CMF/LUMINESCENT REACTION USING ADIABATICALLY
EXPANDED NITRIC OXIDE
J CHEM PHYS V46 NR PP3275-3276 15 APR 1967
BY PONTIEN A
ROSNER D C
OAR ACCESS NO.....009781-002
DOC NUMBER.....AD687687
INSTR...AF-69/638/01684
PROJECT/TASK.....0750/02

AFOSR 67-1996
UNIVERSITY OF OKLAHOMA
SOME LIMIT THEOREMS FOR ORDINARY DIFFERENTIAL SYSTEMS
J DIFFERENTIAL EQUATIONS V3 NR PP483-439 JUL 67
BY REID W T
OAR ACCESS NO.....004233-002
DOC NUMBER.....AD657764
INSTR...AF-AFOSR-0749-65
PROJECT/TASK.....0749/02

AFOSR 67-1997
POLYTECHNIC INSTITUTE OF BROOKLYN
FURTHER EXPERIMENTAL RESULTS FOR THREE-DIMENSIONAL FREE
JETS
AIAA J V5 NR PP885-891 MAY 1967
BY TRENTACOSTE N
SPORZA P
OAR ACCESS NO.....019521-006
DOC NUMBER.....AD657723
INSTR...AF-49/618/01623
PROJECT/TASK.....0781/01

AFOSR 67-1998
HERNER AND COMPANY
SYSTEM DESIGN EVALUATION AND COSTING--IN PLAIN ENGLISH
BY HERNER S
OAR ACCESS NO.....012041-001
DOC NUMBER.....AD657768
INSTR...AF-49/638/01624
PROJECT/TASK.....0769/01

AFOSR 67-1999
ATLANTIC RESEARCH CORPORATION
THE DEFLAGRATION OF HYDRAZINE DICERMOXONATE
COMBUST FLAME VII NR PP141-149 APR 1967
BY MEHALF E T
ADAMS S J
VONELME G
LEVY J U
OAR ACCESS NO.....017040-004
DOC NUMBER.....AD657728
INSTR...AF-49/638/01169
PROJECT/TASK.....0713/01

AFOSR 67-2000
GENERAL APPLIED SCIENCE LABORATORIES INC
PLANAR FILM TURBULENT MIXING WITH AN AXIAL PRESSURE
GRADIENT
FLUIDS ENG CONF AM SOC MECH ENGRS CHICAGO ILL 8-11 MAY 1967
BY SCHMETZ J A
JANNONE J
OAR ACCESS NO.....008141-002
INSTR...AF-49/638/01503
PROJECT/TASK.....0711/01

AFOSR 67-2001
SYSTEM RESEARCH LTD
CYBERNETICS AND EDUCATION
CONGRESS INTERNATIONAL ASSOC CYBERNETICS 5TH NAMUR BELGIUM
SEPT 1967
BY PASK G
OAR ACCESS NO.....012691-001
DOC NUMBER.....AD657806
INSTR...F61082-07-C-0010
PROJECT/TASK.....0769/04

AFOSR 67-2002
TECHNION ISRAEL INSTITUTE OF TECHNOLOGY
SUPERPARAMAGNETIC BEHAVIOR OF SOLIDS AT LIQUID HELIUM
TEMPERATURES FINAL REPORT FFU 1967
BY HIRSH A A
OAR ACCESS NO.....012700-010
DOC NUMBER.....AD657804
INSTR...AF-60AR -0071-03
PROJECT/TASK.....0763/02

AFOSR 67-2003
HERNER AND COMPANY
COMPOSITION COPYING AND SEMI-MECHANIZED FILING AND
SEARCHING DEVICES
BY HERNER S
OAR ACCESS NO.....012041-002
DOC NUMBER.....AD657734
INSTR...AF-49/638/01624
PROJECT/TASK.....0769/01

AFOSR 67-2004
UNIVERSITY OF CALIFORNIA
THE EFFECT OF NON-EQUILIBRIUM COMBUSTION ON PROPELLANT
PERFORMANCE
TS-67-3 JULY 1967
BY SAWYER R F
OAR ACCESS NO.....025450-001
DOC NUMBER.....AD657791
INSTR...AF-AFOSR-1750-07
PROJECT/TASK.....0750/02

AFOSR 67-2005
HERNER AND COMPANY
THE PLACE OF THE SMALL LIBRARY IN THE NATIONAL NETWORK
J CHEM DOC V6 NR PP171-173 AUG 1966
BY HERNER S
OAR ACCESS NO.....012081-003
DOC NUMBER.....AD657736
INSTR...AF-49/638/01624
PROJECT/TASK.....0769/01

AFOSR 67-2006
GENERAL ELECTRIC COMPANY
RESEARCH PROGRAMS FOR ALERTING DETECTION AND IDENTIFICATION
OF PATHOGENS FINAL REPORT JULY 1967
BY GOULD J H
FICO R M
NITRUKA B M
SMITH J E
ALEXANDER M
OAR ACCESS NO.....014631-001
DOC NUMBER.....AD619664
INSTR...AF-49/638/01737
PROJECT/TASK.....0777/01

AFOSR 67-2007
UNIVERSITY OF OREGON
DISCRIMINABILITY OF STIMULI VARYING IN PHYSICAL AND
RETINAL ORIENTATION
J EXPTL PSYCHOL V74 NR PT1 PP149-157 1967
BY ATTNEAVE F
OLSON R K
OAR ACCESS NO.....019730-002
DOC NUMBER.....AD657849
INSTR...AF-AFOSR-0975-66
PROJECT/TASK.....0778/01

AFOSR 67-2008
GUSTAVUS ADOLPHUS COLLEGE
PERCEPTION AND JUDGMENT IN THE POLITICAL EXTREMIST
J COMMUN V17 NR PP136-141 JUN 1967
BY WHITTAKER J O
OAR ACCESS NO.....011190-009
DOC NUMBER.....AD657662
INSTR...AF-AFOSR-0188-62
PROJECT/TASK.....0779/02

AFOSR 67-2009
STANFORD UNIVERSITY
A SHEAR-FREE TURBULENT BOUNDARY LAYER
J FLUID MECH V28 PT4 PP803-821 1967
BY UKKAN T
REYNOLDS W C
OAR ACCESS NO.....001462-006
DOC NUMBER.....AD657848
INSTR...AF-49/638/01276
PROJECT/TASK.....0781/02

AFOSR 67-2010
OREGON STATE UNIVERSITY
MECHANISMS OF REACTIONS OF THIOL-SULFINATES /SULFENIC
ANHYDRIDES/ I THE THIOL-SULFINATE-SULFENIC ACID REACTION
J AM CHEM SOC V89 NR PP3857-3865 5 JUL 1967
BY KICE J L
VENIER C G
HEASLEY L
OAR ACCESS NO.....011821-010
DOC NUMBER.....AD657699
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....0762/03

AFOSR 67-2011
GENERAL DYNAMICS CORPORATION
INTERMOLECULAR POTENTIAL ENERGIES BY A MOLECULAR BEAM
SCATTERING METHOD
GDC-ODE-67-017 MAY 1967
BY NOTHE E W
OAR ACCESS NO.....020760-001
DOC NUMBER.....AD657784
INSTR...AF-49/638/01730
PROJECT/TASK.....0750/01

AFOSR 67-2012
UNIVERSITY OF MILAN
GRAIN STEM SYSTEMS AND BEHAVIOR FINAL REPORT JULY 1967
BY BARTORELLI C
ZANCHETTI A
OAR ACCESS NO.....012933-001
DOC NUMBER.....AD657824
INSTR...AF-60AR -0047-08
PROJECT/TASK.....0777/01

AFOSR 67-2013
NATIONAL BUREAU OF STANDARDS
THE HEATS OF COMBUSTION OF POLYTETRAFLUOROETHYLENE /TEFLON/
AND GRAPHITE IN ELEMENTAL FLUORIDE
J RES NATL BUR STD PHYS CHEM V71A NR PP105-114 MAR APR
1967
BY DUMALSKI E S
ARMSTRONG G T
OAR ACCESS NO.....500310-019
DOC NUMBER.....AD657733
INSTR...155A -00008-65
PROJECT/TASK.....0713/02

AFOSR 67-2014
NATIONAL BUREAU OF STANDARDS
MEASURED RELATIVE ENTHALPY OF ANHYDROUS CRYSTALLINE
ALUMINUM TRIFLUORIDE FROM 273 TO 1173 DEGREES K AND DERIVED
THERMODYNAMIC PROPERTIES FROM 273 TO 1400 DEGREES K
J RES NATL BUR STD PHYS CHEM V71A NR PP165-193 MAY-JUN
1967
BY DOUGLAS T D
DITMANS D A
OAR ACCESS NO.....500310-020
DOC NUMBER.....AD657732
INSTR...155A -00008-65
PROJECT/TASK.....0713/02

APOSR 67-2018
NATIONAL BUREAU OF STANDARDS
RELATIVE ENTHALPY OF BERYLLIUM 1-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2100 DEGREES
J RES NATL BUR STD PHYS CHEM V71A N2 P089-95 MAR APR 1967
BY DITMARS D A
DOUGLAS T B
OAR ACCESS NO.....800310-021
DDC NUMBER.....AD687767
INSTR...ISSA -00008-65
PROJECT/TASK.....0713/02

APOSR 67-2019
NATIONAL BUREAU OF STANDARDS
RELATIVE ENTHALPY OF BERYLLIUM 1-3-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2100 DEGREES
J RES NAT BUR STD PHYS CHEM V71A N2 P097-103 MAR APR 1967
BY DITMARS D A
DOUGLAS T B
OAR ACCESS NO.....800310-022
DDC NUMBER.....AD687768
INSTR...ISSA -00008-65
PROJECT/TASK.....0713/02

APOSR 67-2017
NATIONAL BUREAU OF STANDARDS
THE HEAT OF FORMATION OF BORON TRIMUTRIDE BY DIRECT COMBUSTION OF THE ELEMENTS
J RES NATL BUR STD PHYS CHEM V71A N3 P195-202 MAY-JUN 1967
BY DONALSKI E S
ARMSTRONG G Y
OAR ACCESS NO.....800310-023
DDC NUMBER.....AD687731
INSTR...ISSA -00008-65
PROJECT/TASK.....0713/02

APOSR 67-2018
CARNegie INSTITUTE OF TECHNOLOGY
TOWARD ECONOMIC REMOTE COMPUTER ACCESS
BY GOLD M M
SELWYN L L
OAR ACCESS NO.....022900-014
DDC NUMBER.....AD687789
INSTR...SD -146
PROJECT/TASK.....0718/00

APOSR 67-2019
HERNER AND COMPANY
APPLICATION OF AUTOMATIC LITERATURE ANALYSIS TECHNIQUES TO PSYCHIATRIC INTERVIEWS
BY HERNER S
SEGAL M A
LEYMAN E
OAR ACCESS NO.....012081-004
DDC NUMBER.....AD687789
INSTR...AF-49/638/01424
PROJECT/TASK.....0769/01

APOSR 67-2020
UNIVERSITY OF HOUSTON
A THERMOANALYTICAL STUDY OF SEVERAL COBALT /II/ CHLORIDE-AMINE ONIUM CHLORIDE SYSTEMS
J INORG NUCL CHEM V20 P1390-1409 1967
BY WILLIAMS J R
WENDLANDT W B
OAR ACCESS NO.....020001-003
DDC NUMBER.....AD687645
INSTR...AF-APOSR-1190-67
PROJECT/TASK.....0710/02

APOSR 67-2021
UNIVERSITY OF CALIFORNIA
A GENERAL FORMULATION AND SOLUTION OF CHEMICAL RATE EQUATIONS FOR USE IN NON-EQUILIBRIUM COMBUSTION STUDIES
TS-67-2 JULY 1967
BY PURGALIS P
SAVYER R F
OAR ACCESS NO.....025450-002
DDC NUMBER.....AD688004
INSTR...AF-APOSR-1250-67
PROJECT/TASK.....0780/02

APOSR 67-2022
KANSAS STATE UNIVERSITY
BIBLIOGRAPHY OF HYDRODYNAMIC ENTRANCE REGION FLOW
SPECIAL REPORT NUMBER 67 MARCH 1966
BY FAN L Y
HWANG C L
OAR ACCESS NO.....014031-004
DDC NUMBER.....AD687792
INSTR...AF-APOSR-0463-66
PROJECT/TASK.....0752/01

APOSR 67-2023
HERNER AND COMPANY
INFORMATION NEEDS AND USES IN SCIENCE AND TECHNOLOGY
BY HERNER S
HERNER M
OAR ACCESS NO.....012081-005
DDC NUMBER.....AD687735
INSTR...AF-49/638/01424
PROJECT/TASK.....0769/01

APOSR 67-2024
CALIFORNIA INSTITUTE OF TECHNOLOGY
SPECTROPHOTOMETRY OF NEW SHORT-PERIOD VARIABLE STARS
ASTROPHYS J V149 N1 P253-72 JUL 1967
BY OANZIGER I J
DICKENS R J
OAR ACCESS NO.....000581-025
DDC NUMBER.....AD687717
INSTR...AF-49/638/01323
PROJECT/TASK.....0774/01

APOSR 67-2025
WEIZMANN INSTITUTE OF SCIENCE
WATER INSOLUBLE DERIVATIVES OF PROTEINS WITH BIOLOGICAL ACTIVITY FINAL REPORT SEPT 1967
BY KATCHALSKI E
OAR ACCESS NO.....007800-001
DDC NUMBER.....AD687767
INSTR...AF-EDAR -0014-67
PROJECT/TASK.....0777/01

APOSR 67-2026
UNIVERSITY OF SHEFFIELD
TEST SECTION CONDITIONS FOR THE TAILORED INTERFACE HYPERSONIC SHOCK TUNNEL
APPENDIX TO M I C NO 83 1963
BY WOOD M P
OAR ACCESS NO.....013412-003
DDC NUMBER.....AD687796
INSTR...AF-EDAR -0011-6A
PROJECT/TASK.....0711/01

APOSR 67-2027
UNIVERSITY OF DELAWARE
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS FINAL REPORT JUNE 1967
BY HACKMAN E E III
OAR ACCESS NO.....017610-001
DDC NUMBER.....AD619626
INSTR...AF-APOSR-0022-65
PROJECT/TASK.....0713/01

APOSR 67-2028
UNIVERSITY OF UTAH
COMBUSTION IRREGULARITIES OF SOLID PROPELLANTS FINAL REPORT AUG 1967
BY RYAN M W
OAR ACCESS NO.....009182-003
DDC NUMBER.....AD619626
INSTR...AF-APOSR-0446-63
PROJECT/TASK.....0816/17

APOSR 67-2029
STANFORD UNIVERSITY
STRONG INITIAL- AND FINAL-STATE INTERACTIONS IN NONRESONANT HYPER-NUCLEAR DECAYS AND IN PARITY-VIOLATING REACTIONS
PHYS REV V196 N6 P1611-1622 28 APR 1967
BY ADAMS J B
OAR ACCESS NO.....001793-094
DDC NUMBER.....AD687736
INSTR...AF-49/638/01389
PROJECT/TASK.....0781/01

APOSR 67-2030
UNIVERSITY OF PITTSBURGH
SYNTHESIS OF ATROPINE LABELED WITH C14 IN THE TROPINE RING AND EFFECT OF COLD ACCLIMATION ON ATROPINE METABOLISM FINAL REPORT JULY 1967
BY SCHMIDT G C
ELING F E
OAR ACCESS NO.....012913-001
DDC NUMBER.....AD687787
INSTR...AF-APOSR-0087-66
PROJECT/TASK.....0777/01

APOSR 67-2031
STANFORD UNIVERSITY
SCATTERING FROM COULOMB-LIKE POTENTIALS WITHOUT DIVERGENCE OR CUTOFFS I FORMALISM GENERALIZED LEPPMANN-SCHWINGER EQUATIONS
J MATH PHYS V8 N4 P942-953 APR 1967
BY WEST G B
OAR ACCESS NO.....001793-095
DDC NUMBER.....AD687713
INSTR...AF-49/638/01389
PROJECT/TASK.....0781/01

APOSR 67-2032
UNIVERSITY COLLEGE
SUBTRACTIONS IN DISPERSION RELATIONS
PHYS REV V155 N5 P1449-54 26 JAN 1967
BY WOOLCOCK W S
OAR ACCESS NO.....000293-004
DDC NUMBER.....AD687814
INSTR...AF-EDAR -0002-64
PROJECT/TASK.....0781/01

APOSR 67-2033
STANFORD UNIVERSITY
FURTHER CONSEQUENCES OF THE QUARK MODEL IN INELASTIC MESON-BARYON SCATTERING
NUOVO CIMENTO SER 10 V49 P642-672 21 JUN 1967
BY FRIAR J L
TREFIL J S
OAR ACCESS NO.....001793-096
DDC NUMBER.....AD687715
INSTR...AF-49/638/01389
PROJECT/TASK.....0781/01

APOSR 67-2034
CORNELL UNIVERSITY
WKB APPROXIMATION IN THREE DIMENSIONS
PHYSICAL REVIEW V157 N4 P1751-760 20 MAY 1967
BY VANHORN M M
SALPETER E E
OAR ACCESS NO.....007443-011
DDC NUMBER.....AD687803
INSTR...AF-49/638/01827
PROJECT/TASK.....0767/02

AFOSR 67-2035
YENSHI UNIVERSITY
FIRST-ORDER PHASE TRANSITIONS IN SPIN-ONE ISING SYSTEMS
PHYSICA 533 PP689-690 1967
BY GRIFFITHS R B
OAR ACCESS NO.....005833-008
DOC NUMBER.....A0657681
INSTR...AF-AFOSR-0908-66
PROJECT/TASK.....9767/01

AFOSR 67-2036
STANFORD RESEARCH INSTITUTE
LONGITUDINAL SOUND VELOCITIES OF GRANULAR CONTACTS OF
AMMONIUM PERCHLORATE AND POTASSIUM CHLORIDE
COMBUST FLAME VII N3 PP26E-286 JUN 1967
BY REESE B O
BLACKBURN J M
SEELY L B
EVANS M W
OAR ACCESS NO.....010371-008
DOC NUMBER.....A0657743
INSTR...AF-49/63R/01669
PROJECT/TASK.....9711/01

AFOSR 67-2037
CORNELL UNIVERSITY
ARECIBO IONOSPHERIC OBSERVATORY
JULY 1967
BY TAYLOR D W
OAR ACCESS NO.....500051-001
DOC NUMBER.....A0659440
INSTR...F44620-67-L-0066
PROJECT/TASK.....2838/70

AFOSR 67-2038
JOHNS HOPKINS UNIVERSITY
INFRARED OBSERVATIONS OF THE OUTER SOLAR CORONA FINAL
REPORT OCT 1967
BY MACQUEEN R M
OAR ACCESS NO.....000133-001
DOC NUMBER.....A0654079
INSTR...AF-49/63R/01632
PROJECT/TASK.....9767/02

AFOSR 67-2040
STATE UNIVERSITY OF NEW YORK
INFRARED SPECTRA OF SOLID AND MATRIX-ISOLATED /CH3NH3SUB3N
AND /S1MSUB3SUB3N /THINETHYLAMINE
PERDEUTEROTRISILYLAMINE AND TRISILYLAMINE/
J CHEM PHYS V46 N9 PP3379-3384 1 MAY 1967
BY GOLDFARB T O
KHARE B N
OAR ACCESS NO.....007651-004
DOC NUMBER.....A0657688
INSTR...AF-AFOSR-0277-63
PROJECT/TASK.....9762/02

AFOSR 67-2041
STATE UNIVERSITY OF NEW YORK
INFRARED STUDIES OF DIMETHYLSILYLAMINE AND
METHYLDISILYLAMINE BY THE MATRIX-ISOLATION TECHNIQUE
J CHEM PHYS V46 N9 PP3384-3388 1 MAY 1967
BY GOLDFARB T O
KHARE B N
OAR ACCESS NO.....007651-005
DOC NUMBER.....A0657902
INSTR...AF-AFOSR-0277-63
PROJECT/TASK.....9762/02

AFOSR 67-2042
AEROCHEM RESEARCH LABS INC
ON LIQUID DROPLET COMBUSTION AT HIGH PRESSURES
ATAA J V5 N1 PP163-166 JAN 1967
BY ROSNER D F
OAR ACCESS NO.....0009751-003
DOC NUMBER.....A0657890
INSTR...AF-49/63R/01654
PROJECT/TASK.....9750/02

AFOSR 67-2043
UNIVERSITY COLLEGE OF WALES
HYDROGEN-AMSTRATION REACTIONS BY ETHYL RADICALS FROM
METHYLAMINES AND HYDRAZINE
J CHEM SOC SECTA PP1500-1503 1966
BY EDWARDS D A
KEHR J A
LLOYD A C
TROTMAN-DICKENSON A F
OAR ACCESS NO.....0009522-004
DOC NUMBER.....A0657901
INSTR...AF-EDAR -0023-63
PROJECT/TASK.....9750/01

AFOSR 67-2044
MARTIN MARITTA CORPORATION
ON GREY ABSORPTION COEFFICIENTS IN RADIATIVE TRANSFER
J OF QUANTITATIVE SPECTROSCOPY AND RADIATIVE TRANSFER
V8 PP971-999 1968
BY TRAUGOTT S C
OAR ACCESS NO.....022400-001
DOC NUMBER.....A0658209
INSTR...AF-49/63R/01726
PROJECT/TASK.....9783/02

AFOSR 67-2045
CARNEGIE INSTITUTE OF TECHNOLOGY
A DATA DEFINITION FACILITY FOR PROGRAMMING LANGUAGES
BY STANDISH T A
OAR ACCESS NO.....022900-015
DOC NUMBER.....A0658342
INSTR...-50-148
PROJECT/TASK.....9718/00

AFOSR 67-2046
UNIVERSITY OF MARYLAND
THE NUMERICAL SOLUTION OF BOUNDARY LAYER PROBLEMS
PROC 1968 HEAT TRANSFER AND FLUID MECHANICS INST UNIV
OF WASHINGTON 16-17 JUN 1968 PP137-150 1968
BY LUBARO S C
SCHMETZ J A
OAR ACCESS NO.....022660-001
DOC NUMBER.....A06584107
INSTR...AF-AFOSR-1228-67
PROJECT/TASK.....9711/01

AFOSR 67-2047
STANFORD UNIVERSITY
INVESTIGATION OF A TWO-DIMENSIONAL FULLY STALLED
TURBULENT FLOW FIELD
NO-19 AUG 1967
BY CHUI G
KLINE S J
OAR ACCESS NO.....001462-011
DOC NUMBER.....A06586931
INSTR...AF-49/63R/01876

AFOSR 67-2048
NORTH AMERICAN ROCKWELL CORP
BOUNDARY LAYER TRANSITION ON CONES AND SPHERES AT
SUPERSONIC SPEEDS-EFFECTS OF ROUGHNESS AND COOLING
C7-2007/020 JULY 1967
BY VAN ORIST E R
BLUMER C B
OAR ACCESS NO.....001163-007
DOC NUMBER.....A0660131
INSTR...AF-49/63R/01442
PROJECT/TASK.....9781/02

AFOSR 67-2049
AVCO EVERETT RESEARCH LABORATORY
ARC STRUCTURE IN A MAGNETIC ANNULAR DISCHARGE
RESEARCH REPORT 277 JUNE 1967
BY WORKMAN J B
OAR ACCESS NO.....002872-007
DOC NUMBER.....A06586950
INSTR...AF-49/63R/01483
PROJECT/TASK.....9752/01

AFOSR 67-2050
STANFORD UNIVERSITY
THE INFLUENCE OF ROTATION ON FLOW IN A LONG RECTANGULAR
CHANNEL - AN EXPERIMENTAL STUDY
REPORT NO-18 MAY 1967
BY HALLEN R M
JOHNSTON J P
OAR ACCESS NO.....001462-007
DOC NUMBER.....A06586955
INSTR...AF-49/63R/01478
PROJECT/TASK.....9781/02

AFOSR 67-2051
STANFORD UNIVERSITY
MAGNETIC MOMENTS AND PION CURRENTS IN NUCLEAR MATTER
NUCL PHYS B1 PP83B-550 1967
BY NYMAN E M
OAR ACCESS NO.....001793-007
DOC NUMBER.....A0657885
INSTR...AF-49/63R/01389
PROJECT/TASK.....9751/01

AFOSR 67-2052
GENERAL DYNAMICS CORP
SCATTERING OF MOLECULAR BEAMS OF HE D5U2 AND H5U2 FROM
THE /111/ PLANE OF AG
HAREFIED GAS DYN 5TH SYMP VI PP223-238 1967
BY SALTSBURG M
SMITH J N JR
PALMER R L
OAR ACCESS NO.....000302-003
DOC NUMBER.....A0657885
INSTR...AF-49/63R/01435
PROJECT/TASK.....9783/01

AFOSR 67-2053
UNIVERSITY OF ROCHESTER
SOME PROPERTIES OF HIGHER ORDER COHERENCE FUNCTIONS
ELECTROMAGNETIC WAVE THEORY PROC SYMP DELFT THE NETHERLANDS
SEPTEMBER 1965 PP1069-1075 1967
BY NFHTA C L
MANGEL L
OAR ACCESS NO.....010030-006
DOC NUMBER.....A0657897
INSTR...AF-49/63R/01532
PROJECT/TASK.....9767/02

AFOSR 67-2054
UNIVERSITA DEGLI STUDI DI PADOVA
TRANSIENT FREE RADICALS
SCIENCE V154 N3750 PP802-806 11 NOV 1966
BY SNYDER L C
TROZZOLO A M
WASSERMAN E
OAR ACCESS NO.....018140-008
DOC NUMBER.....A0657900
INSTR...AF-EDAR -0001-66
PROJECT/TASK.....9750/01

AFOSR 67-2055
NORTHWESTERN UNIVERSITY
STABILITY OF AN ELASTIC RING IN A RIGID CAVITY
J APPL MECH PP263-270 JUN 1967
BY ZAGUSTIN E A
HERRMANN G
OAR ACCESS NO.....012244-003
DOC NUMBER.....A0657707
INSTR...AF-AFOSR-0100-66
PROJECT/TASK.....9782/01

AFOSR 67-2056
STANFORD UNIVERSITY
ON THE ELECTROMAGNETIC STRUCTURE OF THE YUKAWA MESON II
PROG THEORET PHYS V37 NS 1967
BY SCHIFF L I
DAR ACCESS NO.....001703-000
DDC NUMBER.....AD657915
INSTR...AF-67/638/01309
PROJECT/TASK.....0782/01

AFOSR 67-2066
INNSBRUCK UNIVERSITY
STABILITY OF HELMHOLTZ PLASMA FLOW IN A DISCONTINUOUS
MAGNETIC FIELD
SCIENTIFIC REPORT NO 67 JUNE 1967
BY HERRMELGER F
DAR ACCESS NO.....013251-004
DDC NUMBER.....AD658044
INSTR...F61052-67-C-0014
PROJECT/TASK.....0782/01

AFOSR 67-2057
POLYTECHNIC INSTITUTE OF BROOKLYN
AN ITERAL SOLUTION FOR ROTATIONALLY SYMMETRICAL NON-LINEAR
MEMBRANE PROBLEMS
INTERN J NON-LINEAR MECH VI PP169-178 1966
BY GOLDSTEIN R A
DAR ACCESS NO.....001366-01
DDC NUMBER.....AD657911
INSTR...AF-67/638/01309
PROJECT/TASK.....0782/01

AFOSR 67-2067
POLYTECHNIC INSTITUTE OF BROOKLYN
LARGE DEFECTIONS OF AN AXIALLY COMPRESSED OVAL
CYLINDRICAL SHELL
PWDC 11TH INTERN CONG APPL MECH MUNICH GERMANY 1966
PP299-305
BY KEMPNER J
CHEN Y N
DAR ACCESS NO.....001333-012
DDC NUMBER.....AD658098
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2058
UNIVERSITY OF CALIFORNIA
A NUMERICAL SOLUTION OF THE BOLTZMANN EQUATION FOR A
TWO-DIMENSIONAL GAS
AF-67-6 APRIL 1967
BY GEBREIN F
DAR ACCESS NO.....001336-01
DDC NUMBER.....AD655667
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2068
GENERAL DYNAMICS CORPORATION
IONIZING LAYERS IN THE PLASMA PROPULSION DEVICES
PROC 6TH INTERN SYMP SPACE TECHNOL SCI PP211-220 TOKYO 1965
BY ROSCISEWSKI J
DAR ACCESS NO.....018921-006
DDC NUMBER.....AD657887
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2059
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
DIRECT MEASUREMENT OF FIRST COLLISION EFFECTS IN BAREFILL
HIGH SPEED FLOWS
BAREFILL GAS DYN 5TH SYMP V2 PP159-156 1967
BY SMOLDSMAN J J
DAR ACCESS NO.....012332-001
DDC NUMBER.....AD657914
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2069
GENERAL DYNAMIC CORPORATION
VELOCITY DEPENDENCE OF TOTAL CROSS SECTION FOR THERMAL
ENERGY ATOM-MOLECULE SCATTERING
INTERNATIONAL CONFERENCE PHYSICS ELECTRONIC AND ATOMIC
COLLISIONS 5TH NUKA Leningrad 1967 PP642-643
BY HELDING H K B
ROTHE E H
DAR ACCESS NO.....020760-002
DDC NUMBER.....AD657702
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2060
UNIVERSITY OF ILLINOIS
EFFECT OF ELECTROMAGNETIC FORCE ON THE STABILITY OF
LIQUID FILMS
I AND E F FUNDAMENTALS V6 NS 2 PP243-248 MAY 1967
BY CROLEY J M
DAR ACCESS NO.....013742-001
DDC NUMBER.....AD657915
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2070
OBSERVATORIO SAN CALIXTO
PRELIMINARY STUDY OF THE AFTERSHOCKS IN THE CENTRAL ANDES
SCIENTIFIC REPORT N 1 FEB 1967
BY CADRE R
DAR ACCESS NO.....016660-001
DDC NUMBER.....AD658205
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2061
UNIVERSITY OF CALIFORNIA
HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS
NUMBERS II EXPERIMENTAL RESULTS AND COMPARISON WITH THEORY
PHYS FLUIDS VII NS 6 PP47-602 MAY 1967
BY AISHARA Y
BASSBY D R
LIBBY F A
DAR ACCESS NO.....017821-001
DDC NUMBER.....AD657920
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2071
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ULTRASONIC VELOCITY AND DISPERSION IN LIQUID HELIUM II
FROM 0 IS TO 1.8 DEGREES K
PHYS REV V150 NS PP 200-214 5 JUNE
BY WHITNEY W H
CHASE C E
DAR ACCESS NO.....007912-010
DDC NUMBER.....AD657903
INSTR...F64020-67-C-0047
PROJECT/TASK.....0782/01

AFOSR 67-2062
YALE UNIVERSITY
A STUDY OF THE SEISMICITY OF THE CINCINNATI SHELF AREA
REPORT MAY 1967
BY BRADLEY E A
HERRMANN R B
HERRMANN S J
DAR ACCESS NO.....011581-002
DDC NUMBER.....AD658041
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2072
STANFORD UNIVERSITY
WAVE INTERACTIONS WITH MOVING BOUNDARIES
JOURNAL OF APPLIED PHYSICS V38 NS PP2106-2115 APRIL 1967
BY TSAI C S
AULD B A
DAR ACCESS NO.....004663-005
DDC NUMBER.....AD657891
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2063
STANFORD UNIVERSITY
STABILITY OF TURBULENT CHANNEL FLOW WITH APPLICATION TO
MAGNETIC TURBULENCE
J FLUID MECH V27 PP205-272 1967
BY REYNOLDS W C
TIDMANN B G
DAR ACCESS NO.....001662-004
DDC NUMBER.....AD657909
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2073
INNSBRUCK UNIVERSITY
THEORETICAL ANALYSIS OF A COAXIAL MALL ACCELERATOR
SCIENTIFIC REPORT NO 65 MARCH 1967
BY LACHNER K
DAR ACCESS NO.....013251-005
DDC NUMBER.....AD658045
INSTR...F61052-67-C-0014
PROJECT/TASK.....0782/01

AFOSR 67-2064
UNIVERSITY OF CALIFORNIA
ACCURACY AND SENSITIVITY OF THE THERMAL LENS METHOD FOR
MEASURING ABSORPTION
APPLIED OPTICS NS 6 PP1011-1021 DEC 1966
BY MATHIAS D
DAR ACCESS NO.....001662-004
DDC NUMBER.....AD657909
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2074
LABORATOIRE DE PHYSIOLOGIE ACOUSTIQUE
ANIMAL SONAR SYSTEM BIOLOGY AND BIONICS VOLUMES 1 AND 2
SYMPOSIUM ON BIONIC MODELS OF THE ANIMAL SONAR SYSTEM
VILLA PALCONIERI PRASCATI ITALY 26 SEPT 1966-3 OCT 1966
BY BUSNEL E G
DAR ACCESS NO.....022600-001
DDC NUMBER.....AD658040
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2065
UNIVERSITY OF CALIFORNIA
HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS
NUMBERS I THEORY FOR VARIABLE PROPERTY FLOW
PHYS FLUIDS VII NS 6 PP47-602 MAY 1967
BY KATYER J A
DAR ACCESS NO.....017821-001
DDC NUMBER.....AD657920
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2075
OREGON STATE UNIVERSITY
A SIMPLE VACUUM SEAL FOR NON-CIRCULAR TUBES
J SCI INSTR V46 NS1 /1967/
BY FREDERICKS W J
DAR ACCESS NO.....011811-002
DDC NUMBER.....AD657917
INSTR...AF-67/638/01360
PROJECT/TASK.....0782/01

AFOSR 67-2035
YESHIVA UNIVERSITY
FIRST-ORDER PHASE TRANSITIONS IN SPIN-ONE ISING SYSTEMS
PHYSICA V33 PP689-690 1967
BY GRIFFITHS R B
OAR ACCESS NO.....005833-008
DOC NUMBER.....AD657681
INSTR...AF-AFOSR-0506-06
PROJECT/TASK.....9767/01

AFOSR 67-2036
STANFORD RESEARCH INSTITUTE
LONGITUDINAL SOUND VELOCITIES OF GRANULAR COMPACTS OF
AMMONIUM PERCHLORATE AND POTASSIUM CHLORIDE
COMBUST FLAME VII N3 PP262-264 JUN 1967
BY REESE B O
BLACKBURN J H
SEELY L B
EVANS H W
OAR ACCESS NO.....010371-002
DOC NUMBER.....AD657743
INSTR...AF-49/638/01669
PROJECT/TASK.....9711/01

AFOSR 67-2037
CORNELL UNIVERSITY
ARCI80 IONOSPHERIC OBSERVATORY
JULY 1967
BY TAYLOR D W
OAR ACCESS NO.....500081-001
DOC NUMBER.....AD659440
INSTR...F44620-67-C-0066
PROJECT/TASK.....2832/70

AFOSR 67-2038
JOHNS HOPKINS UNIVERSITY
INFRARED OBSERVATIONS OF THE OUTER SOLAR CORONA FINAL
REPORT OCT 1967
BY MACQUEEN R H
OAR ACCESS NO.....000133-001
DOC NUMBER.....AD664079
INSTR...AF-49/638/01432
PROJECT/TASK.....9767/02

AFOSR 67-2040
STATE UNIVERSITY OF NEW YORK
INFRARED SPECTRA OF SOLID AND MATRIX-ISOLATED /CH3UN3SUB3N
AND /SINSUB3SUB3N /TRIMETHYLAMINE
PERDEUTERIOTRISILYLAMINE AND TRISILYLAMINE/
J CHEM PHYS V46 N9 PP3379-3386 1 MAY 1967
BY GOLOFARB T O
KHARE B N
OAR ACCESS NO.....007651-004
DOC NUMBER.....AD657888
INSTR...AF-AFOSR-0277-63
PROJECT/TASK.....9762/02

AFOSR 67-2041
STATE UNIVERSITY OF NEW YORK
INFRARED STUDIES OF DIMETHYLSILYLAMINE AND
METHYLODISILYLAMINE BY THE MATRIX-ISOLATION TECHNIQUE
J CHEM PHYS V46 N9 PP3344-3358 1 MAY 1967
BY GOLOFARB T O
KHARE B N
OAR ACCESS NO.....007651-005
DOC NUMBER.....AD657902
INSTR...AF-AFOSR-0277-63
PROJECT/TASK.....9762/02

AFOSR 67-2042
AEROCHEM RESEARCH LABS INC
ON LIQUID DROPLET COMBUSTION AT HIGH PRESSURES
AIAA J V5 N1 PP163-166 JAN 1967
BY ROSNER D E
OAR ACCESS NO.....009751-003
DOC NUMBER.....AD657890
INSTR...AF-49/638/01654
PROJECT/TASK.....9750/02

AFOSR 67-2043
UNIVERSITY COLLEGE OF WALES
HYDROGEN-ABSTRACTION REACTIONS BY ETHYL RADICALS FROM
METHYLAMINES AND HYDRAZINE
J CHEM SOC SECTA PP1500-1503 1966
BY EDWARDS D A
MERR J A
LLOYD A C
TROTMAN-DICKENSON A F
OAR ACCESS NO.....009522-004
DOC NUMBER.....AD657901
INSTR...AF-EDAR -0023-63
PROJECT/TASK.....9750/01

AFOSR 67-2044
MARTIN MARIETTA CORPORATION
ON GREY ABSORPTION COEFFICIENTS IN RADIATIVE TRANSFER
J OF QUANTITATIVE SPECTROSCOPY AND RADIATIVE TRANSFER
V8 PP971-999 1968
BY TRAUGOTT S C
OAR ACCESS NO.....022400-001
DOC NUMBER.....AD658209
INSTR...AF-49/638/01726
PROJECT/TASK.....9783/02

AFOSR 67-2045
CARNEGIE INSTITUTE OF TECHNOLOGY
A DATA DEFINITION FACILITY FOR PROGRAMMING LANGUAGES
BY STANDISH T A
OAR ACCESS NO.....022900-015
DOC NUMBER.....AD658042
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-2046
UNIVERSITY OF MARYLAND
THE NUMERICAL SOLUTION OF BOUNDARY LAYER PROBLEMS
PROC 1968 HEAT TRANSFER AND FLUID MECHANICS INST L V
OF WASHINGTON 16-17 JUN 1968 PP137-150 1968
BY LUBARD S C
SCHETZ J A
OAR ACCESS NO.....022660-001
DOC NUMBER.....AD664107
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9711/01

AFOSR 67-2047
STANFORD UNIVERSITY
INVESTIGATION OF A TWO-DIMENSIONAL FULLY STALLED
TURBULENT FLOW FIELD
MD-19 AUG 1967
BY CHUI G
KLINE S J
OAR ACCESS NO.....001422-011
DOC NUMBER.....AD666931
INSTR...AF-49/638/01278

AFOSR 67-2048
NORTH AMERICAN ROCKWELL CORP
BOUNDARY LAYER TRANSITION ON CONES AND SPHERES AT
SUPERSONIC SPEEDS-EFFECTS OF ROUGHNESS AND COOLING
CT-2007/020 JULY 1967
BY VAN DRIEST E R
BLUMER C B
OAR ACCESS NO.....001153-002
DOC NUMBER.....AD660131
INSTR...AF-49/638/01442
PROJECT/TASK.....9781/02

AFOSR 67-2049
AVCO EVERETT RESEARCH LABORATORY
ARC STRUCTURE IN A MAGNETIC ANNULAR DISCHARGE
RESEARCH REPORT 277 JUNE 1967
BY WORKMAN J B
OAR ACCESS NO.....002272-007
DOC NUMBER.....AD658058
INSTR...AF-49/638/01463
PROJECT/TASK.....9752/01

AFOSR 67-2050
STANFORD UNIVERSITY
THE INFLUENCE OF ROTATION ON FLOW IN A LONG RECTANGULAR
CHANNEL - AN EXPERIMENTAL STUDY
REPORT MD-18 MAY 1967
BY HALLEN R H
JOHNSTON J P
OAR ACCESS NO.....001462-007
DOC NUMBER.....AD658055
INSTR...AF-49/638/01278
PROJECT/TASK.....9711/02

AFOSR 67-2051
STANFORD UNIVERSITY
MAGNETIC MOMENTS AND PION CURRENTS IN NUCLEAR MATTER
NUCL PHYS B1 PP335-350 1967
BY NYMAN E M
OAR ACCESS NO.....001793-097
DOC NUMBER.....AD657885
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 67-2052
GENERAL DYNAMICS CORP
SCATTERING OF MOLECULAR BEAMS OF HE D5U82 AND HSU82 FROM
THE /111/ PLANE OF AG
RAREFIED GAS DYN 5TH SYMP V1 PP223-238 1967
BY SALTSBURG H
SMITH J H JR
PALMER R L
OAR ACCESS NO.....000302-003
DOC NUMBER.....AD657895
INSTR...AF-49/638/01435
PROJECT/TASK.....9783/01

AFOSR 67-2053
UNIVERSITY OF ROCHESTER
SOME PROPERTIES OF HIGHER ORDER COHERENCE FUNCTIONS
ELECTROMAGNETIC WAVE THEORY PROC SYM DELFT THE NETHERLANDS
SEPTEMBER 1965 PP1069-1075 1967
BY MEHTA C L
MANDEL L
OAR ACCESS NO.....010030-006
DOC NUMBER.....AD657897
INSTR...AF-49/638/01932
PROJECT/TASK.....9767/02

AFOSR 67-2054
UNIVERSITA DEGLI STUDI DI PADOVA
TRANSIENT FREE RADICALS
SCIENCE V154 N3750 PP802-806 11 NOV 1966
BY SNYDER L C
TROZZOLO M M
WASSERMAN E
OAR ACCESS NO.....010140-002
DOC NUMBER.....AD657900
INSTR...AF-EDAR -0001-66
PROJECT/TASK.....9750/01

AFOSR 67-2055
NORTHWESTERN UNIVERSITY
STABILITY OF AN ELASTIC RING IN A RIGID CAVITY
J APPL MECH PP263-270 JUN 1967
BY ZAGUSTIN E A
HERRMANN G
OAR ACCESS NO.....012244-003
DOC NUMBER.....AD657707
INSTR...AF-AFOSR-0100-66
PROJECT/TASK.....9782/01

AFOSR 67-2076
GENERAL DYNAMICS CORPORATION
STABILIZATION OF HELICAL MODES BY MAGNETIC WELLS
PHYS FLUIDS V10 N4 PP469-470 FEB 1967
BY POWLER T K
DAR ACCESS NO.....019331-003
DOC NUMBER.....AD658047
INSTR...AF-49/638/01546
PROJECT/TASK.....9752/01

AFOSR 67-2077
TECHNICAL UNIVERSITY
INVESTIGATION ON THE NONELASTIC BEHAVIOR OF THE UPPER
MANTLE
20 FEBRUARY 1967
BY MUELLER S
PUCHS K
DAR ACCESS NO.....017400-003
DOC NUMBER.....AD658047
INSTR...AF-01/082/00801
PROJECT/TASK.....9714/00

AFOSR 67-2078
COLUMBIA UNIVERSITY
NUMERICAL EXPERIMENTS OF MAGNETOHYDRODYNAMIC SHOCKS AND
THE STABILITY OF SWITCH-ON SHOCKS
PHYS FLUIDS V10 N2 PP249-256 FEB 1967
BY CHU C K
TAUSSIG R T
DAR ACCESS NO.....009583-005
DOC NUMBER.....AD658253
INSTR...AF-49/638/01634
PROJECT/TASK.....9752/01

AFOSR 67-2079
COLUMBIA UNIVERSITY
EXPERIMENTAL STUDY OF NORMAL IONIZING SHOCK WAVES
PHYS FLUIDS V10 N1 PP9-16 JAN 1967
BY MILLER H
DAR ACCESS NO.....009582-018
DOC NUMBER.....AD658273
INSTR...AF-49/638/01254
PROJECT/TASK.....9752/01

AFOSR 67-2380
UNIVERSITY OF CALIFORNIA
SOME RESULTS CONCERNING THE ZERO-CROSSINGS OF GAUSSIAN
NOISE
SIAM J APPL MATH V14 N6 PP1246-1254 NOVEMBER 1966
BY WONG C
DAR ACCESS NO.....004704-022
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-2080
UNIVERSITY OF CALIFORNIA
SOME RESULTS CONCERNING THE ZERO-CROSSINGS OF GAUSSIAN
NOISE
SIAM J APPL MATH V14 N6 PP1246-1254 NOVEMBER 1966
BY WONG C
DAR ACCESS NO.....004704-024
DOC NUMBER.....AD658274
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-2081
UNIVERSITY OF CALIFORNIA
HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE X-RAY FARADAY
ROTATION OF WATER ADSORBED ON HEMOGLOBIN
J APPL PHYSICS V38 N2 PP613-618 FEBRUARY 1967
BY CHAI S Y
VOGELHUT P O
DAR ACCESS NO.....004705-004
DOC NUMBER.....AD658244
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-2082
COLUMBIA UNIVERSITY
THE HIGH MACH NUMBER RAYLEIGH PROBLEM ACCORDING TO THE
KROOK MODEL
RAREFIED GAS DYN SIM SYMP VI PP589-605 1967
BY CHU C K
DAR ACCESS NO.....001583-006
DOC NUMBER.....AD658254
INSTR...AF-49/638/01634
PROJECT/TASK.....4752/01

AFOSR 67-2083
CALIFORNIA INSTITUTE OF TECHNOLOGY
EARTH'S VISCOSITY
VISI N3708 PP321-322 21 JAN 1966
BY ANDERSON D L
DAR ACCESS NO.....012342-030
DOC NUMBER.....AD658268
INSTR...AF-49/638/01337
PROJECT/TASK.....4752/00

AFOSR 67-2084
CALIFORNIA INSTITUTE OF TECHNOLOGY
SPECTRUM OF SHORT-PERIOD COME PHASES IN RELATION TO THE
ATTENUATION IN THE MANTLE
JOURNAL OF GEOPHYSICAL RESEARCH V72 N4 PP2191-2196 15
APR 1967
BY KANAMORI P
DAR ACCESS NO.....012342-031
INSTR...AF-49/638/01337
PROJECT/TASK.....4752/00

AFOSR 67-2085
UNIVERSITY OF CALIFORNIA
PANAMETRIC PHENOMENA AS APPLIED TO VIBRATION ISOLATORS AND
MECHANICAL AMPLIFIERS
J SOUND VIB V6 N3 PP489-498 1967
BY HODGENS P W
DAR ACCESS NO.....013721-006
DOC NUMBER.....AD658242
INSTR...AF-49/638/01576
PROJECT/TASK.....4752/00

AFOSR 67-2086
UNIVERSITY OF CALIFORNIA
THE GROWTH AND ETCHING OF SILICON THROUGH WINDOWS IN
SILICON DIOXIDE
J OF THE ELECTROCHEM SOCIETY V114 N4 PP381-388 APRIL 1967
BY OLDMAN W G
HOLMSTROM R
DAR ACCESS NO.....008704-023
DOC NUMBER.....AD658248
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-2087
UNIVERSITY OF CALIFORNIA
ELLIPSONOMETRY USING A RETARDATION PLATE AS COMPENSATOR
OPTICAL SOCIETY OF AMER V57 N6 PP617-624 MAY 1967
BY OLDMAN W G
DAR ACCESS NO.....008705-005
DOC NUMBER.....AD658247
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-2088
UNIVERSITY OF CALIFORNIA
STRUCTURE AND PROPERTIES OF LIQUID WATER
J OF CHEM PHYSICS V45 N12 PP179-184 15 DECEMBER 1966
BY DRENTLICH M
VOGELHUT P O
DAR ACCESS NO.....008705-006
DOC NUMBER.....AD658248
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 67-2089
GENERAL DYNAMICS CORPORATION
LANDAU DAMPING AND GROWTH OF ELECTROSTATIC MODES WITH
EFFECTS OF SPATIAL VARIATION
PHYS OF FLUIDS V10 N1 PP198-203 JAN 1967
BY HOOK D L
DAR ACCESS NO.....019331-004
DOC NUMBER.....AD658259
INSTR...AF-49/638/01546
PROJECT/TASK.....9752/01

AFOSR 67-2090
TEXAS INSTRUMENTS INC
NEAR SURFACE DISPERSION STUDIES AT TONTU FOREST
SEISMOLOGICAL OBSERVATORY
BULL SEIS SOC AM V57 N3 PP311-340 JUN 67
BY LINVILLE A F
LASTER S J
DAR ACCESS NO.....016020-003
DOC NUMBER.....AD658274
INSTR...AF-49/638/01244
PROJECT/TASK.....0652/00

AFOSR 67-2091
UNIVERSITY OF COLORADO
TRANSITION PROBABILITIES OF THE HYDROGEN ATOM FROM
NONCOMPACT DYNAMICAL GROUPS
THE PHYSICAL REVIEW V156 N5 PP1541-1545 25 APRIL 1967
BY BARUT A O
KLEINERT H
DAR ACCESS NO.....013691-008
DOC NUMBER.....AD658239
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....4751/01

AFOSR 67-2092
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
P-WAVE VELOCITIES IN THE MANTLE BELOW 700 KM
BULL SEIS SOC AM V57 N2 PP199-226 APR 67
BY CHINNEY M A
TIRSOZ M N
DAR ACCESS NO.....020510-004
DOC NUMBER.....AD658257
INSTR...AF-49/638/01632

AFOSR 67-2093
CATHOLIC UNIVERSITY OF AMERICA
SOLAR NEUTRINOS FROM THE PHOTON - HELIUM THREE REACTION
PHYS REV V157 N4 PP759-763 MAY 67
BY WERNIZ C W
HANNAN J G
DAR ACCESS NO.....019092-002
DOC NUMBER.....AD658265
INSTR...AF-AFOSR-0561-66
PROJECT/TASK.....3751/02

AFOSR 67-2094
CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS
THE SECRETORY CYCLE OF SUPRAOPTIC NEURONS IN THE MAY
A STRUCTURAL-FUNCTIONAL CORRELATION
ZEITSCHRIFT FUR ZELLFORSCHUNG V73 PP414-431 1966
BY ZAMBRANO D
MORRIS E O
DAR ACCESS NO.....005735-001
DOC NUMBER.....AD658276
INSTR...AF-AFOSR-0963-65
PROJECT/TASK.....9771/01

AFOSR 67-2095
CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS
NEUROSECRETORY ACTIVITY IN SUPRADOPTIC NUCLEUS OF NORMAL
RATS
ZEITSCHRIFT FÜR ZELLFORSCHUNG V73 PP405-413 1966
BY ZAMBRANO D
NORDHOF J
OAR ACCESS NO.....005734-002
DOC NUMBER.....A0658258
INSTR...AF-AFOSR-0314-64
PROJECT/TASK.....9777/01

AFOSR 67-2096
UNIVERSITY OF CALIFORNIA
THE USE OF CONTENT ANALYSIS FOR EXPLANATORY STUDIES
THE PUBLIC OPINION QUARTERLY V31 PP230-241 SUMMER 1967
BY MITCHELL R E
OAR ACCESS NO.....020800-002
INSTR...AF-AFOSR-1003-66
PROJECT/TASK.....9779/01

AFOSR 67-2097
CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS
ULTRASTRUCTURAL ASPECTS OF THE INHIBITION OF NEUROSECRETION
BY PUROMYCIN
ZEITSCHRIFT FÜR ZELLFORSCHUNG V76 PP458-470 1967
BY ZAMBRANO D
ROBERTIS E D
OAR ACCESS NO.....005735-002
DOC NUMBER.....A0658275
INSTR...AF-AFOSR-0963-65
PROJECT/TASK.....9777/01

AFOSR 67-2098
UNIVERSITY OF MIAMI
NONPLANAR CYCLOBUTANE-II THE METHYL 3-ISOPROPYLCYCLOBUTANE-
CARBOXYLATE SYSTEM
TETRAEDRON V23 PP321-3326 1967
BY LILLIEN I
DOUGHTY H A
OAR ACCESS NO.....012570-004
DOC NUMBER.....A0658261
INSTR...AF-AFOSR-0123-63
PROJECT/TASK.....9762/02

AFOSR 67-2099
STANFORD UNIVERSITY
CONFORMATIONAL ENERGY AND CONFIGURATIONAL STATISTICS OF
POLY-L-PROLINE
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V58 N1
PP52-59 JULY 1967
BY SCHIMMEL P R
FLODY P J
OAR ACCESS NO.....010301-030
DOC NUMBER.....A0658263
INSTR...AF-AFOSR-0134-61
PROJECT/TASK.....9760/03

AFOSR 67-2100
INSTITUTE FOR ADVANCED STUDY
MASS-SPIN RELATION IN A LAGRANGIAN MODEL
THE PHYSICAL REVIEW V157 N5 PP1471-1472 25 MAY 1967
BY BACRY H
RUTTS J
OAR ACCESS NO.....007783-007
DOC NUMBER.....A0658252
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 67-2101
UNIVERSITY OF MILAN
NEURAL MECHANISMS OF EMOTIONAL BEHAVIOR /GERMAN/
VERHANDLUNGEN DER DEUTSCHEN GESELLSCHAFT FÜR
KREISLAUFFORSCHUNG V32 PP46-57 1966
BY ZANCHETTI A
OAR ACCESS NO.....012932-004
DOC NUMBER.....A0658249
INSTR...AF-AFOSR-0006-65
PROJECT/TASK.....9777/01

AFOSR 67-2102
UNIVERSITY OF MILAN
BRAIN STEM MECHANISMS OF SLEEP
ANESTHESIOLOGY V26 N1 PP41-99 JAN-FEB 1967
BY ZANCHETTI A
OAR ACCESS NO.....012932-005
DOC NUMBER.....A0658297
INSTR...AF-AFOSR-0006-65
PROJECT/TASK.....9777/01

AFOSR 67-2103
UNIVERSITY OF CALIFORNIA
STUDY OF EARTH NOISE ON LAND AND SEA BOTTOM
BY BRADNER H
GILBERT F
HAUBRICH R
MUNK W
OAR ACCESS NO.....015942-002
DOC NUMBER.....A0810757
INSTR...AF-AFOSR-0038-65
PROJECT/TASK.....8652/00

AFOSR 67-2103
UNIVERSITY OF CALIFORNIA
STUDY OF EARTH NOISE ON LAND AND SEA BOTTOM FINAL REPORT
MARCH 1967
BY BRADNER H
GILBERT F
HAUBRICH R
MUNK W
OAR ACCESS NO.....021040-001
DOC NUMBER.....A0810757
INSTR...AF-AFOSR-1007-66
PROJECT/TASK.....8652/00

AFOSR 67-2104
UNIVERSITY OF PITTSBURGH
SYNTHESIS OF TROPINE-LABELED ATRAPINE I MICRO METHODS FOR
THE SYNTHESIS OF TROPINE AND FOR ITS ESTERIFICATION WITH
TROPIC ACID
JOURNAL OF PHARMACEUTICAL SCIENCES V56 N2 PP215-221 FEB
1967
BY SCHMIOT G C
ELING T E
DRACH J C
OAR ACCESS NO.....012913-002
DOC NUMBER.....A0658270
INSTR...AF-AFOSR-0087-66
PROJECT/TASK.....9777/01

AFOSR 67-2105
UNIVERSITY OF PITTSBURGH
DECREASED ATRAPINE TOXICITY IN RATS CHRONICALLY EXPOSED TO
COLD
SEPT 1967
BY KALSER S C
EVANS E
FORBES E
KELLY M
KELVINGTON E
OAR ACCESS NO.....012913-003
DOC NUMBER.....A0658462
INSTR...AF-AFOSR-0087-66
PROJECT/TASK.....9777/01

AFOSR 67-2106
UNIVERSITY OF PITTSBURGH
EFFECT OF VARYING PERIODS OF COLD EXPOSURE ON THE ACTION
AND METABOLISM OF HEXOBARBITAL
SEPT 1967
BY KALSER S C
KUNIG R
OAR ACCESS NO.....012913-004
DOC NUMBER.....A0658478
INSTR...AF-AFOSR-0087-66
PROJECT/TASK.....9777/01

AFOSR 67-2107
UNIVERSITY OF CALIFORNIA
EFFECT OF INNOVON ON SUBCORTICAL STRUCTURES IN MONKEYS
ACTA ANAESTH SCANDINAV V11 PP109-113 1967
BY KAVAN E M
REITE M L
RHODES J M
ADEY W R
OAR ACCESS NO.....009322-017
DOC NUMBER.....A0658262
INSTR...AF-AFOSR-01387
PROJECT/TASK.....9777/01

AFOSR 67-2108
CALIFORNIA INSTITUTE OF TECHNOLOGY
STUDY OF THE ENERGY OF THE FREE OSCILLATIONS OF THE EARTH
JOURNAL OF GEOPHYSICAL RESEARCH V72 N8 PP2159-2166 15 APRIL
1967
BY KOVACH R L
ANDERSON D L
OAR ACCESS NO.....012342-034
DOC NUMBER.....A0658271
INSTR...AF-AFOSR-01337
PROJECT/TASK.....8652/00

AFOSR 67-2109
BRYN MAWR COLLEGE
INTERMODAL EFFECT UPON HAPTIC JUDGMENTS OF DISTANCE
PROCEEDINGS 75TH ANNUAL CONVENTION APA 1967 PP23-24
BY DAVIDSON R S
OAR ACCESS NO.....005562-002
DOC NUMBER.....A0658238
INSTR...AF-AFOSR-0109-63
PROJECT/TASK.....9777/03

AFOSR 67-2110
UNIVERSITY OF COLORADO
CALCULATION OF TRANSITION PROBABILITIES FROM NONCOMPACT
DYNAMICAL GROUPS
THE PHYSICAL REVIEW V156 N5 PP1538-1540 25 APRIL 1967
BY HARUT A O
OAR ACCESS NO.....013991-009
DOC NUMBER.....A0658242
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9751/01

AFOSR 67-2111
UNIVERSITY OF CALIFORNIA
POLITICS OF MODERNIZATION FINAL REPORT MARCH 1966
BY APTER D E
OAR ACCESS NO.....018590-014
DOC NUMBER.....A0658474
INSTR...AF-AFOSR-0785-65
PROJECT/TASK.....9779/02

AFOSR 67-2112
MASSACHUSETTS GENERAL HOSPITAL
A METHOD FOR RESTRICTING STIMULI TO THE FRONTAL OR LATERAL
VISUAL FIELD OF EACH EYE SEPARATELY IN PIGEON
PSYCHON SCI V8 N1 PP15-16 1967
BY HELLO N K
OAR ACCESS NO.....018741-001
DOC NUMBER.....A0658279
INSTR...AF-AFOSR-0544-65
PROJECT/TASK.....9777/01

AFOSR 67-2113
UNIVERSITY OF COLORADO
TENSION OPERATIONS AND MASS FORMULA IN THE MINIMAL EXTENSION
OF U-SUB THREE BY CHARGE CONJUGATION
JOURNAL OF MATHEMATICAL PHYSICS V8 N4 PP463-468 APRIL 1967
BY HARUT A O
KLEINERT M
DAN ACCESS NO.....013091-010
DDC NUMBER.....AD658241
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9751/01

AFOSR 67-2114
UNIVERSITY OF MICHIGAN
THE ROLE OF THE THALAMUS MEDIAN IN THE ESTABLISHMENT AND
THE RETENTION OF CONDITIONED DEFENSES CLASSICAL AND
INSTRUMENTAL /FRENCH/
NEUROPSYCHOLOGIA V5 PP237-252 1967
BY DELACOUR J
DE MARTINEZ M P S
DAN ACCESS NO.....004275-001
DDC NUMBER.....AD658305
INSTR...AF-EDAR-0040-67
PROJECT/TASK.....4777/01

AFOSR 67-2115
COLUMBIA UNIVERSITY
SEISMIC EVIDENCE FOR A NEW LAYERED STRUCTURE OF THE EARTH'S
CORE
GEOPHYSICAL RESEARCH V72 N14 PP3649-3687 15 JULY 1967
BY ERGIN K
DAN ACCESS NO.....011391-002
DDC NUMBER.....AD658164
INSTR...AF-AFOSR-0807-60
PROJECT/TASK.....8652/00

AFOSR 67-2118
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FLUCTUATING WINDS AND THE OCEAN CIRCULATION
TELLUS V19 N2 PP250-257 1967
BY PEDLOSKY J
DAN ACCESS NO.....003702-003
DDC NUMBER.....AD658276
INSTR...AF-AFOSR-0492-66
PROJECT/TASK.....9747/01

AFOSR 67-2119
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A THEOREM ON HANCOCK FOURIER SERIES ON NONCOMMUTATIVE GROUPS
PACIFIC JOURNAL OF MATHEMATICS V21 N3 PP467-472 1967
BY RIGA-TALAMANCA A
RIDER D
DAN ACCESS NO.....000043-020
DDC NUMBER.....AD658260
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-2120
UNIVERSITY OF PITTSBURGH
TROPINE-LABELED ATROPINE METABOLISM IN MAN RADIOSOTOPIC
LABELED ATROPINE
BY KALSER S C
MCLEIN P L
DAN ACCESS NO.....012913-004
DDC NUMBER.....AD658257
INSTR...AF-AFOSR-0087-66
PROJECT/TASK.....9777/01

AFOSR 67-2121
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LINEAR THEORY OF MIXING STRATIFIED FLUID MOTIONS
FLUID MECHANICS V29 PT1 PP1-18 1967
BY PARCILON V
PEDLOSKY J
DAN ACCESS NO.....003702-004
DDC NUMBER.....AD658267
INSTR...AF-AFOSR-0492-66
PROJECT/TASK.....9749/01

AFOSR 67-2122
UNIVERSITY OF CALIFORNIA
SEPARATION OF ZEROS OF THE RIEMANN ZETA-FUNCTION
MATHEMATICS OF COMPUTATION V20 N85 PP523-541 OCT 66
BY LEHMAN H S
DAN ACCESS NO.....014650-004
DDC NUMBER.....AD658256
INSTR...AF-AFOSR-0553-68
PROJECT/TASK.....9749/02

AFOSR 67-2123
NORTHWESTERN UNIVERSITY
A HAND-PRINTED CHARACTER RECOGNITION EXPERIMENT
67-113 AUG 1967
BY STEINGRANDT W J
YAU S S
DAN ACCESS NO.....011741-013
DDC NUMBER.....AD657425
INSTR...AF-AFOSR-0048-65
PROJECT/TASK.....9747/01

AFOSR 67-2124
KINGS COLLEGE
SYNTHESIZING THE WAVIFORMS OF CAT PURSES
LFS SYSTEMS SOKANS ANIMARR BIOLOGIE ET DIETETIQUE FRASCATE
ITALY SEPTEMBER 1966 PP43-65
BY RYE J D
DAN ACCESS NO.....017140-001
DDC NUMBER.....AD658277
INSTR...AF-017057/00876
PROJECT/TASK.....9777/03

AFOSR 67-2125
POLYTECHNIC INSTITUTE OF BROOKLYN
DISORDER IN CRYSTALS
BY POST R
HUDMAN H
HANDLATS S
DAN ACCESS NO.....012430-001
DDC NUMBER.....AD658188L
INSTR...AF-AFOSR-0248-63
PROJECT/TASK.....9761/03

AFOSR 67-2125
INSTITUTE OF BROOKLYN POLYTECHNIC
DISORDER IN CRYSTALS
BY POST R
HUDMAN H
HANDLATS S
DAN ACCESS NO.....012430-002
DDC NUMBER.....AD658188L
INSTR...AF-AFOSR-0248-63
PROJECT/TASK.....9761/03

AFOSR 67-2127
JOHNS HOPKINS UNIVERSITY
ON HOMOTOPIC HARMONIC MAPS
CAN J MATH V19 PP673-687 1967
BY HARTMAN P
DAN ACCESS NO.....002403-007
DDC NUMBER.....AD658366
INSTR...AF-49/638/01.82
PROJECT/TASK.....9749/02

AFOSR 67-2128
JOHNS HOPKINS UNIVERSITY
ON QUASILINEAR ELLIPTIC FUNCTIONAL-DIFFERENTIAL EQUATIONS
DIFFERENTIAL EQUATIONS & DYNAMICAL SYSTEMS PP393-407
ACADEMIC PRESS INC NEW YORK 1967
BY HARTMAN P
DAN ACCESS NO.....002403-008
DDC NUMBER.....AD658351
INSTR...AF-49/638/01382
PROJECT/TASK.....9749/02

AFOSR 67-2129
CARNEGIE INSTITUTE OF TECHNOLOGY
AN INFORMATION PROCESSING THEORY OF HUMAN DECISION MAKING
UNDER UNCERTAINTY AND RISK
27 JULY 1964
BY FINDLEN M V
DAN ACCESS NO.....022900-016
DDC NUMBER.....AD658488
INSTR...SD -146
PROJECT/TASK.....9719/00

AFOSR 67-2130
NEW YORK UNIVERSITY
A STOCHASTIC MODEL OF MESSAGE INTERCHANGE ON A CHANNEL WITH
TRANSMISSION DELAY
IEEE TRANSACTIONS ON COMMUNICATION TECHNOLOGY V15 N3
PP405-412 JUNE 1967
BY BHAVY P T
DAN ACCESS NO.....010113-009
DDC NUMBER.....AD658255
INSTR...AF-AFOSR-0024-65
PROJECT/TASK.....9769/02

AFOSR 67-2131
UNIVERSITY OF MARYLAND
TRANSPORT PHENOMENA IN THE SIMPLE METALS
THE PHYSICAL REVIEW V158 N3 PP672-687 15 JUNE 1967
BY PHANGE H E
SACHS A
DAN ACCESS NO.....003333-025
DDC NUMBER.....AD658272
INSTR...AF-AFOSR-0735-65
PROJECT/TASK.....9751/01

AFOSR 67-2133
UNIVERSITY OF GEORGIA
COMPARATIVE PRONOUNCEABILITY RATINGS /% OF 100 CVCS IN TWO
COLLEGE POPULATIONS
PSYCHON SCI V8 N10 PP433-434 1967
BY NIMBLE C E
DAN ACCESS NO.....022060-002
DDC NUMBER.....AD658282
INSTR...AF-AFOSR-0994-66
PROJECT/TASK.....9778/01

AFOSR 67-2135
UNIVERSITY OF COLORADO
CURRENT OPERATIONS AND MAJUPANA EQUATION FOR THE HYDROGEN
ATOM FROM DYNAMICAL GROUPS
THE PHYSICAL REVIEW V157 N5 PP1180-1183 25 MAY 1967
BY HARUT A O
KLEINERT M
DAN ACCESS NO.....013091-011
DDC NUMBER.....AD658240
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9741/01

AFOSR 67-2135
UNIVERSITY OF ILLINOIS
LIMITING RELATION FOR THE BODY DIFFUSIVITY CLOSE TO A WALL
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS JOURNAL V13 N4
MARCH-APRIL 1967
BY SON J S
HANNATTY T J
DAN ACCESS NO.....014513-001
DDC NUMBER.....AD658281
INSTR...AF-AFOSR-0047-67
PROJECT/TASK.....9741/02

AFOSR 67-2137
UNIVERSITY OF TEXAS
PATTERN RECOGNITION APPLIED TO COUGH CATEGORIZATION
JSEP TECHNICAL REPORT NO 40
BY DEVINE J L JR
WELCH A J
OAR ACCESS NO.....015242-039
ODC NUMBER.....AD658737
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-2138
UNIVERSITY OF TEXAS
A UNIQUE LASER DETECTOR UTILIZING THE PHOTOELECTRIC
EFFECT IN COOLED SEMICONDUCTORS
JSEP TECHNICAL REPORT NO 39 SEPT 1967
BY STONE J L
MARTIG W H
OAR ACCESS NO.....015242-040
ODC NUMBER.....AD658738
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-2139
MASSACHUSETTS GENERAL HOSPITAL
INTERHEMISPHERIC COMPARISON OF VISUAL STIMULI IN THE
PIGEON
NATURE V214 N504 PP144-145 8 APRIL 1967
BY MELLO N K
OAR ACCESS NO.....018741-002
ODC NUMBER.....AD658280
INSTR...AF-AFOSR-054-65
PROJECT/TASK.....9777/01

AFOSR 67-2140
MASSACHUSETTS GENERAL HOSPITAL
MECHANISMS OF COLOR DISCRIMINATION A BEHAVIORAL ANALYSIS
FINAL REPORT JAN 1967
BY MELLO N K
OAR ACCESS NO.....018742-001
ODC NUMBER.....AD658480
INSTR...AF-AFOSR-07-C-0027
PROJECT/TASK.....9777/01

AFOSR 67-2141
COLUMBIA UNIVERSITY
ATTENUATION OF THE TORSIONAL FREE OSCILLATIONS IN AN EARTH
WITH A DISSIPATIVE MANTLE AND A DISSIPATIVE SOFT-SOLID CORE
OR A VISCOUS-LIQUID CORE
JOURNAL OF GEOPHYS RES V72 N12 PP3207-3224 15 JUN 65
BY SATO R
OAR ACCESS NO.....011391-003
ODC NUMBER.....AD658365
INSTR...AF-AFOSR-0887-65
PROJECT/TASK.....8652/00

AFOSR 67-2142
ISTITUTO GEOGRAFICO Y CATASTRAL
CRUSTAL STRUCTURE OF THE MEDITERRANEAN SEA BY SURFACE WAVES
PART I GROUP VELOCITY
BULLETIN SEISMOLOGICAL SOCIETY OF AMERICA V57 N2 PP151-172
APR 1967
BY PAYO G
OAR ACCESS NO.....015960-013
ODC NUMBER.....AD658409
INSTR...AF-61/052/00657
PROJECT/TASK.....8652/00

AFOSR 67-2143
CALIFORNIA INSTITUTE OF TECHNOLOGY
A MICRO-EARTHQUAKE SURVEY OF THE SAN ANDREAS FAULT SYSTEM
IN SOUTHERN CALIFORNIA
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA V57 N2
PP277-298 APRIL 1967
BY BHUNE J N
ALLEN C R
OAR ACCESS NO.....012342-032
ODC NUMBER.....AD658359
INSTR...AF-49/638/01337
PROJECT/TASK.....8652/00

AFOSR 67-2144
UNIVERSITY OF ATHENS
EVIDENCE FOR THE SEAT OF THE STRAIN - PRODUCING FORCES
ANNALI DI GEOFISICA V18 N4 PP399-409 1965
BY GALANOPULOS A G
OAR ACCESS NO.....014870-005
ODC NUMBER.....AD658394
INSTR...AF-61/052/00803
PROJECT/TASK.....8652/00

AFOSR 67-2145
TEXAS A&M RESEARCH FOUNDATION
CONVERGENCE OF PAIR APPROXIMANTS FOR THE DETHE-SALPETER
AMPLITUDE
THE PHYSICAL REVIEW V157 N5 PP1312-1316 25 MAY 1967
BY NUTTALL J
OAR ACCESS NO.....017450-008
ODC NUMBER.....AD658361
INSTR...AF-AFOSR-0918-65
PROJECT/TASK.....9751/02

AFOSR 67-2146
TEXAS A&M RESEARCH FOUNDATION
ANALYTIC CONTINUATION OF THE OFF-ENERGY-SHELL SCATTERING
AMPLITUDE
JOURNAL OF MATHEMATICAL PHYSICS V8 N4 PP873-877 APR 1967
BY NUTTALL J
OAR ACCESS NO.....017450-009
ODC NUMBER.....AD658362
INSTR...AF-AFOSR-0918-65
PROJECT/TASK.....9751/02

AFOSR 67-2147
CALIFORNIA INSTITUTE OF TECHNOLOGY
REFLECTION AND TRANSMISSION FROM A PLANE LAYERED CORE-
MANTLE BOUNDARY
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA V57 N3
PP477-499 JUNE 1967
BY TENG Y L
OAR ACCESS NO.....017342-033
ODC NUMBER.....AD658358
INSTR...AF-49/638/01337
PROJECT/TASK.....8652/00

AFOSR 67-2148
UNIVERSITY OF COLORADO
CALCULATION OF RELATIVISTIC TRANSITION PROBABILITIES AND
FORM FACTORS FROM NONCOMPACT GROUPS
THE PHYSICAL REVIEW V158 N5 PP1546-1561 25 APRIL 1967
BY RARUT A D
KLEINERT H
OAR ACCESS NO.....013091-012
ODC NUMBER.....AD658360
INSTR...AF-AFOSR-0033-68
PROJECT/TASK.....9741/01

AFOSR 67-2149
COLUMBIA UNIVERSITY
EXCITATION OF SURFACE WAVES BY EVENTS IN SOUTHERN ALGERIA
SCIENCE V150 N378 PP1098-1100 26 MAY 1967
BY LIEBEMANN R C
DENEROV P W
OAR ACCESS NO.....019551-001
ODC NUMBER.....AD658367
INSTR...AF-49/638/01723
PROJECT/TASK.....8652/00

AFOSR 67-2150
COLUMBIA UNIVERSITY
DISSIPATION FACTOR OF THE TORSIONAL MODE FOR A HOMOGENEOUS-
MANTLE EARTH WITH A SOFT-SOLID OR A VISCOUS-LIQUID CORE
J OF GEOPHYSICAL RESEARCH V72 N6 PP1761-1767 15 MARCH 1967
BY SATO R
ESPINOSA A F
OAR ACCESS NO.....011390-005
ODC NUMBER.....AD658113
INSTR...AF-AFOSR-0303-62
PROJECT/TASK.....8652/00

AFOSR 67-2151
UNIVERSITY OF ALASKA
LARGE APERTURE SEISMIC TELEMETERING SYSTEM FOR CENTRAL
ALASKA
UACR '68 MAY 1967
BY BERG E
SPERLICH N
FEETHAN W
OAR ACCESS NO.....019601-001
ODC NUMBER.....AD658688
INSTR...AF-AFOSR-0701-66
PROJECT/TASK.....8652/00

AFOSR 67-2152
UNIVERSITY OF MICHIGAN
CORRELATION FUNCTION SPATIAL FILTERING WITH INCOHERENT
LIGHT
APPLIED OPTICS V6 N7 PP1272 JULY 1967
BY JACKSON P L
OAR ACCESS NO.....012372-001
ODC NUMBER.....AD658356
INSTR...AF-49/638/01759
PROJECT/TASK.....8652/00

AFOSR 67-2153
UNIVERSITY OF FLORIDA
ON A FORM REPRESENTING A LARGE COLLECTION OF PRIMES
JOURNAL OF NATURAL SCIENCES & MATHEMATICS V6 N2 PP241-242
OCT 66
BY CHAYLA L M
MAXFIELD J E
SELFHIDGE R G
OAR ACCESS NO.....014771-001
ODC NUMBER.....AD658363
INSTR...AF-AFOSR-0472-65
PROJECT/TASK.....9749/01

AFOSR 67-2154
MELLON INSTITUTE
EXISTENCE OF ENTROPY AS A CONSEQUENCE OF ASYMPTOTIC
STABILITY
ARCH RATIONAL MECH ANAL V25 N4 PP243-270 1967
BY COLEMAN R D
HIZEL V J
OAR ACCESS NO.....015271-002
ODC NUMBER.....AD658354
INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 67-2155
UNIVERSITY OF CALIFORNIA
DIFFRACTION EFFECTS IN LORENTZ MICROSCOPY
JOURNAL OF APPLIED PHYSICS V38 N8 PP3341-3352 JULY 1967
BY WOMLEBEN D
OAR ACCESS NO.....018830-057
ODC NUMBER.....AD658363
INSTR...AF-AFOSR-0631-64
PROJECT/TASK.....9763/02

AFOSR 67-2156
ISTITUTO GEOGRAFICO Y CATASTRAL
THE ELECTRONIC COMPUTER PROGRAM FOR LOCALIZATION OF NEAR
SEISMIC IN THE IBERIAN PENINSULA REGION
1967
BY MUNUERA J M
UDIAS A
OAR ACCESS NO.....015960-014
ODC NUMBER.....AD658484
INSTR...AF-61/052/00657
PROJECT/TASK.....8652/00

AFOSR 67-2157
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CALIBRATION AND DIFFERENTIAL FIELD MEASUREMENT OF HIGH
MAGNETIC FIELDS BY MEANS OF A PERIODIC SIZE EFFECT IN
GALLIUM
THE REVIEW OF SCIENTIFIC INSTRUMENTS V34 N7 PP931-934 JULY
1967
BY FOMCH S
MENIFF E J JR
DAR ACCESS NO.....007912-020
DOC NUMBER.....AD658350
INSTR...744670-67-C-0047
PROJECT/TASK.....9784/01

AFOSR 67-2158
NATIONAL OBSERVATORY OF ATHENS
PRELIMINARY RESULTS OF AN INVESTIGATION OF CHUSTAL
STRUCTURE IN SOUTHEASTERN EUROPE
BULLETIN SEISMOLOGICAL SOCIETY OF AMERICA V58 N6
PP1241-1268 DECEMBER 1966
BY PAPAZACHOS N
COMINAKIS P
DRAKHOUKIS J
DAR ACCESS NO.....014470-000
DOC NUMBER.....AD658395
INSTR...AF-01/052/00803
PROJECT/TASK.....0652/00

AFOSR 67-2160
YALE UNIVERSITY
BURROWS PROBLEM OF THREE MODIES
PROC NATL ACAD SCI V58 N1 PP60-65 JULY 67
BY SZFEBELV V
DAR ACCESS NO.....011494-004
DOC NUMBER.....AD658367
INSTR...AF-AFOSR-0397-67
PROJECT/TASK.....9749/01

AFOSR 67-2162
YALE UNIVERSITY
SOLUTION OF RINKHOFFS EQUATIONS OF THE REGULARIZED
RESTRICTED PROBLEM
ASTRON J V71 N10 PP976-982 DEC 66
BY WILLIAMS C
DAR ACCESS NO.....011494-005
DOC NUMBER.....AD658415
INSTR...F-AFOSR-0397-67
PROJECT/TASK.....9749/01

AFOSR 67-2163
MELLON INSTITUTE
EQUIPESSENCE AND CONSTITUTIVE EQUATIONS FOR RIGID HEAT
CONDUCTORS
MATH PHYS V18 N2 PP149-208 1967
BY COLEMAN R D
GURTIN M E
DAR ACCESS NO.....015271-003
DOC NUMBER.....AD658355
INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 67-2164
UNIVERSITY OF CHICAGO
COMMENTS ON THE INFLUENCE OF INTERMEDIATE EXCITONS AND
EXCHANGE FORCES ON THE INTERACTION IN MOLECULAR CRYSTALS
THE CRYSTAL STRUCTURE OF ENDURINE
JOURNAL CHEMICAL PHYSICS V46 N10 PP3881-3889 15 MAY 1967
BY MELLER I H
RICE S A
DAR ACCESS NO.....015061-005
DOC NUMBER.....AD658352
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-2165
UNIVERSITY OF CHICAGO
MOTION OF ELECTRONS IN LIQUID ARGON
PHYSICAL REVIEW V158 N1 PP130-137 5 JUNE 1967
BY LERNER J
DAR ACCESS NO.....015061-006
DOC NUMBER.....AD658353
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-2166
UNIVERSITY OF MINNESOTA
EFFECT OF WATER AND SOME OTHER HYDROGEN BOND DONORS AND
ACCEPTORS ON PAH IN ACETONITRILE OF MIXTURES OF ACIDS AND
THEIR SALTS
ANALYTICAL CHEMISTRY V39 N10 PP1080-1084 AUG 1967
BY KOLTHOFF I H
CHANDROSSI M K JR
DAR ACCESS NO.....022120-001
DOC NUMBER.....AD658391
INSTR...AF-AFOSR-1223-67
PROJECT/TASK.....9710/03

AFOSR 67-2167
CORNELL UNIVERSITY
A BOUNDARY-LAYER THEORY FOR CELLULAR CONVECTION
INTERNATIONAL JOURNAL OF HEAT MASS TRANSFER V10 PP1065-1074
1967
BY TURCOTTE O L
DAR ACCESS NO.....001062-007
DOC NUMBER.....AD658525
INSTR...AF-49/638/01346
PROJECT/TASK.....9783/02

AFOSR 67-2168
NEW YORK UNIVERSITY
LECTURES ON TURBULENT FLOW
NYU-AA-66-89 DEC 1966
BY FERRARI C
KLEINSTEIN G
DAR ACCESS NO.....021860-002
DOC NUMBER.....AD658483
INSTR...AF-AFOSR-1062-66
PROJECT/TASK.....9781/01

AFOSR 67-2169
CARNegie-MELLON UNIVERSITY
STUDIES IN PROBLEM SOLVING SUBJECT 3 ON THE CRYPT-
ANITHMETIC TASK DONALD PLUS GERALD EQUALS ROBERT
BY NEWELL A
DAR ACCESS NO.....022900-017
DOC NUMBER.....AD658485
INSTR...30 -146
PROJECT/TASK.....9718/00

AFOSR 67-2171
INTERNATIONAL BUSINESS MACHINES CORP
ENTROPY A COMPLETE METRIC INVARIANT FOR AUTOMORPHIC OF
THE TORUS
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V67 N6
PP1573-1576 JUNE 67
BY ADLER H L
WEISS B
DAR ACCESS NO.....021440-001
DOC NUMBER.....AD658957
INSTR...AF-49/638/01682
PROJECT/TASK.....9749/02

AFOSR 67-2172
UNIVERSITY OF WISCONSIN
THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL /II/ CYANIDE
COMPLEX CONTAINING THE TETRAEDRATE LIGAND TRIS(3-
DIMETHYLARSINOPROPYL) PHOSPHINE
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N14 PP3424-3428 5
JUL 1967
BY STEVENSON D L
DAML L F
DAR ACCESS NO.....014421-000
DOC NUMBER.....AD658962
INSTR...AF-AFOSR-0818-66
PROJECT/TASK.....9710/01

AFOSR 67-2173
STANFORD UNIVERSITY
ANECISO EVALUATION PANEL FINAL REPORT OCT 1967
BY BRACEWELL R N
DAR ACCESS NO.....500110-001
DOC NUMBER.....AD661348
INSTR...AF-49/638/01181
PROJECT/TASK.....2838/00

AFOSR 67-2174
BROWN UNIVERSITY
THE STRUCTURE OF THE LEVEL SURFACES OF A LYAPUNOV FUNCTION
JOURNAL OF DIFFERENTIAL EQUATIONS V3 N3 PP323-329 JULY 1967
BY WILSON F W JR
DAR ACCESS NO.....019591-010
DOC NUMBER.....AD659010
INSTR...AF-AFOSR-0693-65
PROJECT/TASK.....9749/01

AFOSR 67-2175
FRANKLIN INST RESEARCH LABS
FUNDAMENTAL PROBLEMS OF FUTURE AEROSPACE STRUCTURES FINAL
REPORT SEPT 1967
BY ZISFEIN M B
DAR ACCESS NO.....027300-001
DOC NUMBER.....AD662671
INSTR...F44620-67-C-0064
PROJECT/TASK.....9782/01

AFOSR 67-2176
NORTH AMERICAN AVIATION INC
NON-EQUILIBRIUM IONIZATION IN A POTASSIUM GAS MHD DEVICE
FINAL REPORT SEPT 1967
A1-67-138 SEPT 1967
BY GUDERJOHN C A
DAR ACCESS NO.....013112-001
DOC NUMBER.....AD660882
INSTR...AF-49/638/01721
PROJECT/TASK.....9752/01

AFOSR 67-2177
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DISTAL FUNCTIONS ON GROUPS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V128 N1
PP1-40 JULY 1967
BY KNAPP A W
DAR ACCESS NO.....000451-021
DOC NUMBER.....AD658795
INSTR...AF-AFOSR-0335-63
PROJECT/TASK.....9749/02

AFOSR 67-2178
BROWN UNIVERSITY
NUMERICAL FILTERING THE EXACT DYNAMICAL EQUATIONS SATISFIED
BY THE CONDITIONAL MODE
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 N3 PP262-267
JUNE 1967
BY KUSHNER M J
DAR ACCESS NO.....019592-001
DOC NUMBER.....AD659016
INSTR...AF-AFOSR-0693-66
PROJECT/TASK.....9749/01

AFOSR 67-2179
 CORNELL UNIVERSITY
 MEASUREMENT OF RELAXATION TIMES OF CONCENTRATION
 FLUCTUATIONS BY THE ELECTRIC FIELD EFFECT ON CRITICAL
 OPALSCENCE
 PHYSICAL REVIEW LETTERS V18 N22 PP2640-2642 29 MAY 1967
 BY GRAYATT C C
 OAH ACCESS NO.....003361-002
 ODC NUMBER.....AD658401
 INSTR...AF-AFOSR-0750-65
 PROJECT/TASK.....9760/03

AFOSR 67-2180
 UNIVERSITY OF COLORADO
 NEW STUDIES OF INTRA- AND INTERMOLECULAR INTERACTIONS FINAL
 REPORT SEPT 1967
 BY MANNA M B
 OAH ACCESS NO.....013171-001
 ODC NUMBER.....AD658601
 INSTR...AF-AFOSR-0218-65
 PROJECT/TASK.....9710/03

AFOSR 67-2181
 FLORIDA STATE UNIVERSITY
 AMBIGUITIES IN THE OPTICAL-MODEL ANALYSIS OF ALPHA-PARTICLE
 SCATTERING
 NUCLEAR PHYSICS A98 PP228-240 1967
 BY THOMPSON W J
 CRAWFORD G E
 DAVIS R H
 OAH ACCESS NO.....005115-001
 ODC NUMBER.....AD658922
 INSTR...AF-AFOSR-0440-67
 PROJECT/TASK.....9751/02

AFOSR 67-2182
 CORNELL UNIVERSITY
 ELECTRIC FIELD EFFECT ON THE CRITICAL OPALSCENCE II
 RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS
 JOURNAL CHEMICAL PHYSICS V46 N6 PP2338-2350 15 MAR 1967
 BY DRYE D
 GRAYATT C C
 IEDA M
 OAH ACCESS NO.....009341-003
 ODC NUMBER.....AD658959
 INSTR...AF-AFOSR-0750-65
 PROJECT/TASK.....9760/03

AFOSR 67-2183
 FLORIDA STATE UNIVERSITY
 THE HALF-LIFE AND MASS OF π^0/π^+
 NUCLEAR PHYSICS A98 PP223-229 1967
 BY ALDRIDGE A M
 PLENOL M S
 ALDRIDGE J P III
 OAH ACCESS NO.....005115-002
 ODC NUMBER.....AD658962
 INSTR...AF-AFOSR-0440-67
 PROJECT/TASK.....9751/02

AFOSR 67-2184
 UNIVERSITY OF MARYLAND
 REFORMULATION OF THE NAGAKURA EQUATIONS
 THE PHYSICAL REVIEW V158 N3 PP567-570 15 JUNE 1967
 BY FALK D S
 FOLGER M
 OAH ACCESS NO.....003333-026
 ODC NUMBER.....AD659008
 INSTR...AF-AFOSR-0735-65
 PROJECT/TASK.....9751/01

AFOSR 67-2185
 COLUMBIA UNIVERSITY
 MOLECULAR PHOTOCHEMISTRY V PHOTOCYCLOADDITION OF ALKYL
 KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS
 JOURNAL AMERICAN CHEMICAL SOCIETY V84 N15 PP3450-3452 14
 JULY 1967
 BY TURNER N J
 WRIEDT P
 DALTON J C
 KNUDSEN D
 GLICK A
 OAH ACCESS NO.....015800-007
 ODC NUMBER.....AD659015
 INSTR...AF-AFOSR-1000-66
 PROJECT/TASK.....9760/02

AFOSR 67-2186
 UNIVERSITY OF CHICAGO
 FUNCTIONAL INTEGRAL REPRESENTATION OF NONEQUILIBRIUM
 STATISTICAL MECHANICS
 JOURNAL CHEMICAL PHYSICS V46 N10 PP3707-3717 15 MAY 1967
 BY PRUTICIAWSKI J
 RICE S A
 HURT N
 OAH ACCESS NO.....015061-007
 ODC NUMBER.....AD658600
 INSTR...AF-AFOSR-0781-67
 PROJECT/TASK.....9760/01

AFOSR 67-2187
 UNIVERSITY OF CHICAGO
 ON THE THEORY OF EXCITONS IN LIQUIDS II A CLASSICAL MODEL
 OF POLARIZATION WAVES IN A SIMPLE LIQUID
 JOURNAL CHEMICAL PHYSICS V46 N11 PP4442-4453 1 JUNE 1967
 BY NICOLIS L
 RICE S A
 OAH ACCESS NO.....015061-000
 ODC NUMBER.....AD658661
 INSTR...AF-AFOSR-0781-67
 PROJECT/TASK.....9760/01

AFOSR 67-2188
 FLORIDA STATE UNIVERSITY
 OPTICAL PARAMETERS FOR THE ELASTIC SCATTERING OF HELIUM-3
 BY HELIUM-4
 NUCLEAR PHYSICS A93 PP201-208 1967
 BY DUNNILL F
 GRAY T J
 FUNTUNE M T
 FLETCHER N R
 OAH ACCESS NO.....005115-003
 ODC NUMBER.....AD658606
 INSTR...AF-AFOSR-0440-67
 PROJECT/TASK.....9751/02

AFOSR 67-2189
 CLEMSON UNIVERSITY
 EXPERIMENT IN CRYOGENICS FOR THE UNDERGRADUATE
 AMERICAN JOURNAL OF PHYSICS V35 N2 PP353-362 JUN 1967
 BY STILLBELL E P JR
 GARDNER M L
 LITTLEJOHN M T
 OAH ACCESS NO.....012471-008
 ODC NUMBER.....AD658908
 INSTR...AF-AFOSR-0180-65
 PROJECT/TASK.....9760/02

AFOSR 67-2190
 INDIANA UNIVERSITY
 ON THE ANALYTIC PROPERTIES OF SOLUTIONS OF EQUATION
 DUKE MATHEMATICAL JOURNAL V34 N2 PP353-362 JUN 1967
 BY AVILA G S S
 GILBERT M P
 OAH ACCESS NO.....022970-003
 ODC NUMBER.....AD658984
 INSTR...AF-AFOSR-1206-67
 PROJECT/TASK.....9749/01

AFOSR 67-2191
 UNIVERSITY OF WISCONSIN
 ORGANOMETALLIC SULFUR COMPLEXES IX STRUCTURE OF A
 HEXANUCLEAR COBALT CARBOXYL SULFUR COMPLEX CONTAINING A
 TETRAMETAL-COORDINATED BRIDGING DISULFIDE GROUP
 JOURNAL AMERICAN CHEMICAL SOCIETY V89 N15 PP3727-3732 19
 JUL 1967
 BY STEVENSON D L
 MAGNUSON V R
 DAHL L F
 OAH ACCESS NO.....014421-006
 ODC NUMBER.....AD658961
 INSTR...AF-AFOSR-0518-66
 PROJECT/TASK.....9710/01

AFOSR 67-2192
 OREGON STATE UNIVERSITY
 MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFON IV
 THE HYDROLYSIS OF SULFINYL SULFONES /SULFINIC ANHYDRIDES/
 IN AQUEOUS DIOXANE
 JOURNAL AMERICAN CHEMICAL SOCIETY V89 N16 PP4113-4121 P AUG
 1967
 BY KICE J L
 GUANALOI G
 OAH ACCESS NO.....011821-011
 ODC NUMBER.....AD658963
 INSTR...AF-AFOSR-0108-65
 PROJECT/TASK.....9760/03

AFOSR 67-2193
 FLORIDA STATE UNIVERSITY
 ISOMERIC ANALOGUE STATES IN HEAVY NUCLEI IV SAMARIUM
 ISOTOPIES
 THE PHYSICAL REVIEW V158 N4 PP1377-1382 20 MAR 1967
 BY JOLLY R K
 MOORE C F
 OAH ACCESS NO.....005115-004
 ODC NUMBER.....AD658923
 INSTR...AF-AFOSR-0440-67
 PROJECT/TASK.....9751/02

AFOSR 67-2194
 UNIVERSITY OF NEW SOUTH WALES
 THE NUCLEON-NUCLEON SCATTERING LENGTH THE TWOF-BODY
 PROBLEM AND CHARGE SYMMETRY
 II NUOVO CIMENTO SPRIE R V48 PP233-236 1 MAR 1967
 BY OKAMOTO K
 LUCAS C
 OAH ACCESS NO.....011212-001
 ODC NUMBER.....AD659011
 INSTR...AF-AFOSR-0685-66
 PROJECT/TASK.....9751/02

AFOSR 67-2195
 UNIVERSITY OF NEW SOUTH WALES
 NOTE ON THE EXISTENCE OF THE TRINEUTRON
 PHYSICS LETTERS V240 N1 PP18-21 JAN 1967
 BY OKAMOTO K
 DAVIES U
 OAH ACCESS NO.....011212-002
 ODC NUMBER.....AD659012
 INSTR...AF-AFOSR-0685-66
 PROJECT/TASK.....9751/02

AFOSR 67-2196
 BOSTON UNIVERSITY
 STUDY OF SPECTRAL REPRESENTATIONS FOR SIMPLE QUANTUM-
 MECHANICAL SYSTEMS
 AMERICAN JOURNAL OF PHYSICS V35 N7 PP614-624 JULY 1967
 BY HELLMAN W S
 WOMAN P
 OAH ACCESS NO.....011367-014
 ODC NUMBER.....AD658960
 INSTR...AF-AFOSR-0385-65
 PROJECT/TASK.....9751/01

AFOSR 67-2197
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 THE EINSTEIN REDSHIFT IN WHITE DWARFS
 ASTROPHYSICAL JOURNAL V149 N2 PP283-298 AUGUST 1967
 BY GREENSTEIN J L
 TRIMBLE V L
 OAR ACCESS NO.....000461-026
 DOC NUMBER.....AD659775
 INSTR...AF-49/638/01383
 PROJECT/TASK.....9774/01

AFOSR 67-2198
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 ABUNDANCES IN TWO EXTREMELY HIGH-VELOCITY STARS
 ASTROPHYSICAL JOURNAL V149 N2 PP299-315 AUGUST 1967
 BY KOPLUND D
 OAR ACCESS NO.....000581-027
 DOC NUMBER.....AD659801
 INSTR...AF-49/638/01383
 PROJECT/TASK.....9774/01

AFOSR 67-2199
 JOHNS HOPKINS UNIVERSITY
 SPECTRUM OF SM III
 JOURNAL OF THE OPTICAL SOCIETY OF AMERICA V57 N7 PP667-669
 JULY 1967
 BY DUPONT A
 OAR ACCESS NO.....004603-003
 DOC NUMBER.....AD658954
 INSTR...AF-49/638/01497
 PROJECT/TASK.....4767/02

AFOSR 67-2200
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 A SPECTROPHOTOMETRIC STUDY OF DELTA SCUTI AND DELTA
 DELPHINI
 ASTROPHYSICAL JOURNAL V149 N1 PT1 PP47-53 JULY 1967
 BY KUMI L V
 DANZIGER I J
 OAR ACCESS NO.....000581-026
 DOC NUMBER.....AD658777
 INSTR...AF-49/638/01323
 PROJECT/TASK.....9774/01

AFOSR 67-2201
 CORNELL UNIVERSITY
 RADAR MEASUREMENTS AT 70CM OF VENUS AND MERCURY
 ASTRONOMICAL JOURNAL V72 N3 PP330-337 APR 1967
 BY PETTENGILL G H
 DYCE R A
 CAMPBELL D B
 OAR ACCESS NO.....000600-041
 DOC NUMBER.....AD658955
 INSTR...AF-49/638/01156
 PROJECT/TASK.....2838/00

AFOSR 67-2202
 JOHNS HOPKINS UNIVERSITY
 SPECTRUM OF MO III
 JOURNAL OF THE OPTICAL SOCIETY OF AMERICA V57 N7 PP670-672
 JULY 1967
 BY MCCLANEY J H
 OAR ACCESS NO.....004603-004
 DOC NUMBER.....AD659000
 INSTR...AF-49/638/01497
 PROJECT/TASK.....9767/02

AFOSR 67-2203
 BROWN UNIVERSITY
 QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS AND STRUCTURAL
 STABILITY
 DIFFERENTIAL EQUATIONS AND DYNAMICAL SYSTEMS PP469-480
 ACADEMIC PRESS NEW YORK 1967
 BY PEIXOTO M M
 OAR ACCESS NO.....014591-011
 DOC NUMBER.....AD659006
 INSTR...AF-AFOSR-0693-65
 PROJECT/TASK.....9749/01

AFOSR 67-2204
 CARNEGIE-MELLON UNIVERSITY
 ON THE ANALYSIS OF HUMAN PROBLEM SOLVING PROTOCOLS
 27 JUNE 1966
 BY NEWELL A
 OAR ACCESS NO.....022400-018
 DOC NUMBER.....AD658463
 INSTR...SD - 146
 PROJECT/TASK.....9718/00

AFOSR 67-2205
 HARVARD UNIVERSITY
 THE OM SCALE A COMPARATIVE SOCIO-PSYCHOLOGICAL MEASURE OF
 INDIVIDUAL MODERNITY
 SOCIOMETRY V29 N4 PP356-377 DECEMBER 1964
 BY SMITH D H
 INKELC A
 OAR ACCESS NO.....022400-001
 DOC NUMBER.....AD658806
 INSTR...AF-AFOSR-1094-66
 PROJECT/TASK.....9779/02

AFOSR 67-2206
 HARVARD UNIVERSITY
 THE MODERNIZATION OF MAN
 MODERNIZATION EDITED BYRON WEINER BASIC BOOKS INC NEW YORK
 NY PP138-150 1966
 BY INKELC A
 OAR ACCESS NO.....022400-002
 DOC NUMBER.....AD658956
 INSTR...AF-AFOSR-1094-66
 PROJECT/TASK.....9779/02

AFOSR 67-2207
 CARNEGIE-MELLON UNIVERSITY
 A PRELIMINARY SKETCH OF FORMULA ALGOL
 21 JULY 1965
 BY PERLIS A J
 TURRIAGA P
 STANDISH T
 OAR ACCESS NO.....022400-019
 DOC NUMBER.....AD659158
 INSTR...SD - 146
 PROJECT.....9718

AFOSR 67-2209
 INSTITUTE FOR ADVANCED STUDY
 TOWERS AS SPTS OF COMPOSITE PARTICLES AND THOUBLE WITH
 INFINITE-COMPONENT FIELD THEORIES
 THE PHYSICAL REVIEW V189 N6 PP1328-1330 25 JULY 1967
 BY HALPENN M M
 OAR ACCESS NO.....007783-008
 DOC NUMBER.....AD658468
 INSTR...AF-AFOSR-0042-85
 PROJECT/TASK.....9751/01

AFOSR 67-2210
 UNIVERSITY OF WISCONSIN
 ORGANOMETALLIC SULFUR COMPLEXES VIII THE MOLECULAR
 STRUCTURE OF A DOUBLY SULFUR-BRIDGED DIMERIC COMPLEX OF
 MOLYBDENUM VV CONTAINING A MO-MO INTERACTION
 JOURNAL AMERICAN CHEMICAL SOCIETY V89 N15 PP3721-3726 14
 JUL 1967
 BY STEVENSON D L
 DAHL L F
 OAR ACCESS NO.....016421-007
 DOC NUMBER.....AD658798
 INSTR...AF-AFOSR-0518-86
 PROJECT/TASK.....9710/01

AFOSR 67-2211
 SUCONY MOBIL OIL CO INC
 PLASMA DENSITY CONTOUR MEASUREMENTS USING MOLECULAR ION
 BEAM BREAKUP
 REVIEW SCIENTIFIC INSTRUMENTS V38 N7 PP928-931 JULY 1967
 BY JOBS F C
 HICKOK R L
 OAR ACCESS NO.....016261-001
 DOC NUMBER.....AD659020
 INSTR...F44620-67-C-0043
 PROJECT/TASK.....9752/01

AFOSR 67-2212
 STANFORD UNIVERSITY
 A QUANTITATIVE STUDY OF PAIN AND ITS REDUCTION THROUGH
 HYPNOTIC SUGGESTION
 PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES USA V57 N6
 PH1511-1586 JUNE 1967
 BY HILGARD E H
 OAR ACCESS NO.....015470-005
 DOC NUMBER.....AD659021
 INSTR...AF-49/638/01436
 PROJECT/TASK.....9776/01

AFOSR 67-2213
 TUFTS UNIVERSITY
 FEEDBACK AND CONTROL SYSTEMS IN SPATIALLY-ORIENTED BEHAVIOR
 FINAL REPORT SEPT 1967
 BY FREEDMAN S J
 OAR ACCESS NO.....014320-009
 INSTR...AF-49/638/01282
 PROJECT/TASK.....9778/01

AFOSR 67-2214
 STANFORD UNIVERSITY
 EFFECTS OF THIOPENTAL SEDATION ON LEARNING AND MEMORY
 SCIENCE V157 N3789 PP574-576 4 AUGUST 1967
 BY OSBORN A G
 BUNKER J P
 CUCRER L M
 FRANK G S
 HILGARD E H
 OAR ACCESS NO.....015470-006
 DOC NUMBER.....AD659018
 INSTR...AF-49/638/01436
 PROJECT/TASK.....9776/01

AFOSR 67-2215
 UNIVERSITY OF SOUTHERN CALIFORNIA
 SOME LIKAL-MODE MEASUREMENTS OF LI-DIFFUSED TE-DOPED GAAS
 JOURNAL OF APPLIED PHYSICS V38 N6 PP2713-2714 MAY 1967
 BY SPITZCH W G
 LOMINOR U G
 OAR ACCESS NO.....014493-002
 DOC NUMBER.....AD659013
 INSTR...AF-AFOSR-0496-67
 PROJECT/TASK.....4751/00

AFOSR 67-2216
 UNIVERSITY OF SOUTHERN CALIFORNIA
 LOCALIZED VIBRATIONAL MODES OF LITHIUM IN LITHIUM-DIFFUSED
 P-TYPE GAAS
 JOURNAL OF APPLIED PHYSICS V38 N7 PP3008-3014 JUNE 1967
 BY LEWISCH D G
 SPITZCH W G
 OAR ACCESS NO.....014493-003
 DOC NUMBER.....AD659014
 INSTR...AF-AFOSR-0496-67
 PROJECT/TASK.....4751/00

APOSR 67-2219
 BROWN UNIVERSITY
 GEOMETRIC THEORY OF FUNCTIONAL-DIFFERENTIAL EQUATIONS
 DIFFERENTIAL EQUATIONS AND DYNAMICAL SYSTEMS PP247-266
 ACADEMIC PRESS NEW YORK 1967
 BY MALE J R
 OAR ACCESS NO.....019891-012
 ODC NUMBER.....AD689007
 INSTR...AF-APOSR-0093-05
 PROJECT/TASK.....9749/01

APOSR 67-2220
 NORTHWESTERN UNIVERSITY
 GRAMM THEORETIC PARADOX-CONNECTING CODES
 IEEE TRANSACTIONS ON INFORMATION THEORY VIT-14, N4, PP684-691
 JUL 1968
 BY HAKIMI S L
 BREDESON J O
 OAR ACCESS NO.....011791-014
 ODC NUMBER.....AD658604
 INSTR...AF-APOSR-0098-48
 PROJECT/TASK.....9749/01

APOSR 67-2221
 UNIVERSITY OF MICHIGAN
 FORMATION OF CONCEPTS
 CONCEPTS AND THE STRUCTURE OF MEMORY EDITED BY BENJAMIN
 KLEINMUNTZ JOHN WILEY & SONS INC C/2 PP33-67 1967
 BY MARTIN E J
 OAR ACCESS NO.....015920-032
 ODC NUMBER.....AD658928
 INSTR...AF-49/638/01235
 PROJECT/TASK.....5002/00

APOSR 67-2222
 DARTMOUTH COLLEGE
 ANALYSIS OF FAR-FIELD MIXING WITH A PERIODIC SOURCE OF
 VORTICITY AT THE ORIFICE
 BY MCCORMACK P D
 OAR ACCESS NO.....021960-003
 ODC NUMBER.....AD628529
 INSTR...AF-APOSR-1101-06
 PROJECT/TASK.....9713/01

APOSR 67-2226
 COLUMBIA UNIVERSITY
 CYCLOPROPANONES VS REACTION OF CYCLOPROPANONE WITH AMINES
 TETRAHEDRON LETTERS N2 PP3089-3098 1967
 BY TURNER J
 HANMOND W H
 OAR ACCESS NO.....019800-008
 ODC NUMBER.....AD659017
 INSTR...AF-APOSR-1000-06
 PROJECT/TASK.....9760/02

APOSR 67-2227
 UNIVERSITY OF TEXAS
 GROUND STATES OF SIGMA-BONDED MOLECULES II STRAIN ENERGIES
 OF CYCLOPROPANES AND CYCLOPROPENES
 JOURNAL AMERICAN CHEMICAL SOCIETY V84 N16 PP3966-3970 2
 AUG 1967
 BY BAIRD N C
 DEWAM N J S
 OAR ACCESS NO.....019691-003
 ODC NUMBER.....AD659267
 INSTR...AF-APOSR-1050-67
 PROJECT/TASK.....9762/01

APOSR 67-2228
 CITY COLLEGE OF NEW YORK
 STOCHASTIC MIXING MODELS FOR CHEMICAL REACTIONS
 IEEE FUNDAMENTALS V6 PP276-288 MAY 1967
 BY KHANBECK F J
 SHINNAR R
 KATZ S
 OAR ACCESS NO.....017770-001
 ODC NUMBER.....AD659269
 INSTR...AF-APOSR-0921-05
 PROJECT/TASK.....9711/01

APOSR 67-2229
 CITY COLLEGE OF NEW YORK
 SIZING OF STORAGE TANKS FOR OFF-GRADE MATERIAL
 IEEE PROCESS DESIGN & DEVELOPMENT V6 PP263-268 APRIL 1967
 BY SHINNAR R
 OAR ACCESS NO.....017770-002
 ODC NUMBER.....AD659270
 INSTR...AF-APOSR-0921-05
 PROJECT/TASK.....9711/01

APOSR 67-2230
 UNIVERSITY OF CAMBRIDGE
 FORMATION OF CAVITIES AND MICROJETS IN LIQUIDS AND THEIR
 ROLE IN INITIATION AND GROWTH OF EXPLOSION
 PROCEEDINGS ROYAL SOCIETY A V295 PP38-50 1967
 BY BOWDEN F P
 MCINTIE M P
 OAR ACCESS NO.....019273-001
 ODC NUMBER.....AD658958
 INSTR...AF-EDAN -0003-67
 PROJECT/TASK.....9711/01

APOSR 67-2231
 STAMFORD UNIVERSITY
 REALIZATION OF STOCHASTIC SYSTEMS
 THE ANNALS OF MATHEMATICAL STATISTICS V38 N3 PP427-433
 JUNE 1967
 BY ARBIB M A
 OAR ACCESS NO.....022900-001
 ODC NUMBER.....AD659233
 INSTR...AF-APOSR-1198-67
 PROJECT/TASK.....9760/06

APOSR 67-2232
 UNIVERSITY OF MICHIGAN
 DECISION PROCESSES IN RETRIEVAL FROM MEMORY COMMENT ON THE
 CONTRIBUTIONS OF LLOYD H PETERSON AND CHARLES N COOPER
 CONCEPTS AND THE STRUCTURE OF MEMORY EDITED BENJAMIN
 KLEINMUNTZ JOHN WILEY & SONS INC C/2 PP16-PP5 1967
 BY MELTON A B
 OAR ACCESS NO.....015920-033
 ODC NUMBER.....AD658928
 INSTR...AF-49/638/01235
 PROJECT/TASK.....5002/00

APOSR 67-2233
 UNIVERSITY OF MICHIGAN
 ABSOLUTE RECOVERY OF FIRST-LIST RESPONSES FROM UNLEARNING
 DURING 20 MINUTES FILLED WITH AN EASY AND DIFFICULT
 INFORMATION PROCESSING TASK
 PROCEEDINGS 76TH ANNUAL CONVENTION AMERICAN PSYCHOLOGICAL
 ASSOCIATION WASHINGTON D C 2-8 SEPT 1967 PP63-64
 BY KAHNMAN D
 MELTON A B
 OAR ACCESS NO.....015920-034
 ODC NUMBER.....AD658928
 INSTR...AF-49/638/01235
 PROJECT/TASK.....5002/00

APOSR 67-2234
 UNIVERSITY OF MICHIGAN
 PERCEPTUAL DEFICIT DURING A MENTAL TASK
 SCIENCE V157 N3785 PP218-219 14 JULY 1967
 BY KAHNMAN D
 HEATLY J
 POLLACK I
 OAR ACCESS NO.....015920-035
 ODC NUMBER.....AD658930
 INSTR...AF-49/638/01235
 PROJECT/TASK.....5002/00

APOSR 67-2235
 UNIVERSITY OF MICHIGAN
 SENTENCE LENGTH AND SENTENCE RETENTION IN THE FREE-LEARNING
 SITUATION
 PSYCHONOMICS SCIENCE V8 N12 PP535-536 1967
 BY MARTIN E J
 ROBERTS K H
 OAR ACCESS NO.....015920-036
 ODC NUMBER.....AD658932
 INSTR...AF-49/638/01235
 PROJECT/TASK.....5002/00

APOSR 67-2236
 UNIVERSITY OF ROCHESTER
 EFFECTS OF COHERENCE IN ELECTROMAGNETIC RADIATION FINAL
 REPORT SEPT 1967
 BY WOLF E
 OAR ACCESS NO.....006623-012
 ODC NUMBER.....AD650124
 INSTR...AF-APOSR-0237-05
 PROJECT/TASK.....9767/02

APOSR 67-2239
 BOSTON UNIVERSITY
 QUARK MODEL AND QUADRATIC MASS FORMULAS FOR MESONS
 PHYS REV V159 N5 PP1365-1368 25 JULY 1967
 BY ISHIDA S
 RUMAN P
 OAR ACCESS NO.....011363-001
 ODC NUMBER.....AD659265
 INSTR...AF-APOSR-0385-67
 PROJECT/TASK.....9751/01

APOSR 67-2240
 POLYTECHNIC INSTITUTE OF BROOKLYN
 A CLASS OF NONLINEAR ERROR-CORRECTING CODES BASED UPON
 INTERLEAVED TWO-LEVEL SEQUENCES
 IEEE TRANSACTIONS ON INFORMATION THEORY VIT-13 N2 PP335-336
 APR 1967
 BY WOLF J K
 LEVITT K N
 OAR ACCESS NO.....020310-001
 ODC NUMBER.....AD659610
 INSTR...AF-49/638/01600
 PROJECT/TASK.....9749/01

APOSR 67-2241
 UNIVERSITY OF MARYLAND
 RESONANCE SATURATION OF AXIAL CHARGE COMMUTATORS SU(3)
 SYMMETRY AND SCALAR MESONS
 THE PHYSICAL REVIEW V154 N5 PP1247-1250 25 JULY 1967
 BY MATSUDA S
 ONEIDA S
 SUCHER J
 OAR ACCESS NO.....002223-009
 ODC NUMBER.....AD659266
 INSTR...AF-APOSR-0500-66
 PROJECT/TASK.....9751/01

APOSR 67-2243
 BOSTON UNIVERSITY
 SPECULATIONS ON PARTICLES SUPERSELECTION RULES AND
 COMPOSITIFS
 PHYS REV V158 N5 PP1397-1399 25 JUNE 1967
 BY RUMAN P
 OAR ACCESS NO.....011362-015
 ODC NUMBER.....AD659336
 INSTR...AF-APOSR-0385-65
 PROJECT/TASK.....9751/01

AFOSR 67-2244
POLYTECHNIC INSTITUTE OF BROOKLYN
INVARIANT ESTIMATION OF STOCHASTIC SYSTEM PARAMETERS
INTERNATIONAL FEDERATION OF AUTOMATIC CONTROL SYMPOSIUM
PRAGUE CZECHOSLOVAKIA JUNE 1967
BY SHAR L
WOLINSKY G
OAR ACCESS NO.....020310-002
DOC NUMBER.....AD65953
INSTR...AF-49/638/01600
PROJECT/TASK.....9769/01

AFOSR 67-2245
NEW YORK UNIVERSITY
THE FIRST BOUNDARY VALUE PROBLEM FOR CERTAIN LINEAR
ELLIPTIC DIFFERENTIAL EQUATIONS INVOLVING TWO SMALL
PARAMETERS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V26 N1 PP68-82
1967
BY D MALLEY R E JR
OAR ACCESS NO.....000334-001
DOC NUMBER.....AD659571
INSTR...AF-49/638/01602
PROJECT/TASK.....9769/02

AFOSR 67-2246
CORNELL AERONAUTICAL LABORATORY INC
A METHOD FOR DETERMINING CATALYTIC EFFICIENCY OF SURFACES
CAL NO A1-2187-A-4 FEB 1967
BY RUMACKEVSKY I O
DESANTO D F
OAR ACCESS NO.....006071-001
DOC NUMBER.....AD659446
INSTR...AF-49/638/01487
PROJECT/TASK.....9783/01

AFOSR 67-2247
OKLAHOMA STATE UNIVERSITY
NUCLEOPHILIC DISPLACEMENTS ON PHOSPHORUS ESTERS FINAL
REPORT SEPT 1967
BY BERLIN K O
OAR ACCESS NO.....011802-002
DOC NUMBER.....AD659548
INSTR...AF-49/638/0132-67
PROJECT/TASK.....9762/02

AFOSR 67-2248
HERNER AND COMPANY
STUDY OF DOCUMENTATION PROCEDURES AND MECHANISMS FINAL
REPORT AUG 1967
BY HERNER S
OAR ACCESS NO.....012081-006
DOC NUMBER.....AD659623
INSTR...AF-49/638/01424
PROJECT/TASK.....9769/01

AFOSR 67-2249
UNIVERSITY OF OXFORD
EFFECTS OF M GNESIUM AND CALCIUM IONS ON THE
ADENOSINETRIPHOSPHATASE ACTIVITY OF INSECT ACTOMYOSIN AT
LOW IONIC STRENGTH
COMP BIOCHEM PHYSIOL V21 PP113-118 1967
BY MARUYAMA K
ALLEN S R
OAR ACCESS NO.....022090-001
DOC NUMBER.....AD659524
INSTR...AF-49/638/0052-66
PROJECT/TASK.....9777/01

AFOSR 67-2250
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE FORMATION OF THE MACROVORTEX STRUCTURE IN HANO
SUPERCONDUCTORS
APPL PHYS LETTERS V11 N2 PP58-60 15 JULY 1967
BY INASA Y
WILLIAMS J E C
OAR ACCESS NO.....007912-021
DOC NUMBER.....AD659526
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-2251
UNIVERSITY OF OXFORD
THE EFFECT OF ADP ON THE ATPASE ACTIVITY OF INSECT
ACTOMYOSIN AT LOW IONIC STRENGTH
ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS V120 N1 PP225-226
APRIL 1967
BY MARUYAMA K
PRINGLE J W S
OAR ACCESS NO.....022090-002
DOC NUMBER.....AD659528
INSTR...AF-49/638/0052-66
PROJECT/TASK.....9777/01

AFOSR 67-2253
UNIVERSITY OF OXFORD
OSCILLATORY CONTRACTILE MECHANISM OF INSECT FLIGHT MUSCLE
31 JULY 1967
BY PRINGLE J W S
CULLEN M J
OAR ACCESS NO.....022090-003
DOC NUMBER.....AD659463
INSTR...AF-49/638/0052-66
PROJECT/TASK.....9777/01

AFOSR 67-2254
POLYTECHNIC INSTITUTE OF BROOKLYN
ON NON LINEAR EQUATIONS OF ISOTROPIC ELASTIC SPHERICAL
SHELLS
SCIENTIFIC REPORT NO 10
BY GROSSMAN P L
KOPLIK R
OAR ACCESS NO.....005552-013
DOC NUMBER.....AD661569
INSTR...AF-49/638/01290
PROJECT/TASK.....9782/01

AFOSR 67-2255
UNIVERSITY OF CALIFORNIA
PERITALIC TRANSPORT
BY FUNG Y C
YIM C S
OAR ACCESS NO.....001374-003
DOC NUMBER.....AD660107
INSTR...AF-49/638/1186-67
PROJECT/TASK.....9782/01

AFOSR 67-2256
AERUCHEM RESEARCH LABS INC
CONVECTIVE DIFFUSION LIMITATIONS ON THE RATES OF CHEMICAL
REACTIONS AT SOLID SURFACES--KINETIC IMPLICATIONS
SYMPOSIUM /INTERNATIONAL/ ON COMBUSTION 11TH BERKELEY CALIF
14-20 AUG 1966 PP181-186 COMBUSTION INSTITUTE PA 1967
BY ROSNER D E
OAR ACCESS NO.....009751-004
DOC NUMBER.....AD659618
INSTR...AF-49/638/01684
PROJECT/TASK.....9750/02

AFOSR 67-2257
UNIVERSITY OF CALIFORNIA
BARRIERS ON CONES FOR UNIFORMLY ELLIPTIC OPERATORS
ANNALI DI MATEMATICA PURA ED APPLICATA SERIE IV N76 PP93-
106 1967
BY MILLER K
OAR ACCESS NO.....014650-010
DOC NUMBER.....AD659268
INSTR...AF-49/638/0833-64
PROJECT/TASK.....9749/01

AFOSR 67-2258
GENERAL DYNAMICS CORPORATION
MEASUREMENT OF THE LI-HG TOTAL CROSS SECTION AT VERY LOW
ENERGIES
JOURNAL CHEMICAL PHYSICS V46 N11 PP4549-4550 1 JUN 1967
BY ROTHE E W
HELBING H K H
OAR ACCESS NO.....020760-003
DOC NUMBER.....AD659262
INSTR...AF-49/638/01730
PROJECT/TASK.....9750/01

AFOSR 67-2259
UNIVERSITY OF TEXAS
VISIBLE CONTINUUM IN XENON KRYPTON AND NEON
JOURNAL CHEMICAL PHYSICS V46 N9 PP3300-3313 MAY 1967
BY PRINCE J F
ROBERTSON W W
OAR ACCESS NO.....006306-001
DOC NUMBER.....AD659271
INSTR...AF-49/638/0273-67
PROJECT/TASK.....9750/02

AFOSR 67-2261
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
PHYSICS WITH HIGH MAGNETIC FIELDS AT THE NATIONAL MAGNET
LABORATORY
PROC COLLOQUES INTERNATIONAUX DU CNRS NO 166 LES CHAMPS
MAGNETIQUES INTENSES GRENoble 12-14 SEPTEMB 1966 PP61-78
1967
BY LAX R
OAR ACCESS NO.....007912-022
DOC NUMBER.....AD659275
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-2262
MAX PLANCK INSTITUT FUR BIOLOGIE
INFORMATION PROCESSING IN BIOLOGICAL SYSTEMS FINAL REPORT
APRIL 1967
BY REICHARDT W E
OAR ACCESS NO.....004283-001
DOC NUMBER.....AD659467
INSTR...AF-49/638/0050-65
PROJECT/TASK.....9777/01

AFOSR 67-2263
UNIVERSITY OF MANITOBA
PARAMAGNETIC RESONANCE SPECTRA OF METHYL RADICALS ON POROUS
GLASS SURFACES
SCIENCE V156 N3778 PP1105-1106 26 MAY 1967
BY FUJIMOTO M
GESSER H D
GANNETT O
SHIMIZU M
OAR ACCESS NO.....019340-002
DOC NUMBER.....AD659223
INSTR...AF-49/638/0642-64
PROJECT/TASK.....9760/02

AFOSR 67-2264
GENERAL DYNAMICS CORP
CONSTRUCTION OF PLOTTED DISKS FOR MECHANICAL VELOCITY
SELECTIONS USING ELECTRIC DISCHARGE MACHINING
REVIEW SCIENTIFIC INSTRUMENTS V38 N7 PP987-988 JULY 1967
BY KRISTENSEN A
PALMER M L
SALTSBURG M
SMITH J N JR
OAR ACCESS NO.....000302-004
DOC NUMBER.....AD659238
INSTR...AF-49/638/01435
PROJECT/TASK.....9783/01

AFOSR 67-2265
UNIVERSITY OF SOUTHERN CALIFORNIA
THE NUCLEAR MAGNETIC RESONANCE AND MICROWAVE SPECTRA OF
SOME DEUTERIO DERIVATIVES OF 2,4-DICARBAHYDROHEPTAMINE
JOURNAL AMERICAN CHEMICAL SOCIETY VOL 89 NO 22 1967
OCT 1967
BY DUKER T
DUNKER G H
REAUDET H A
MONTIER R L
DAR ACCESS NO.....017160-001
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2266
UNIVERSITY OF LUND
DOUBLE INNERVATION OF THE RELIN EMIS DILATOR
ARCHIVES OF OPTHALMOLOGY V27 PP561-565 APRIL 1967
BY PHINCHEN H
DAR ACCESS NO.....018342-001
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2267
INSTITUTE OF OCCUPATIONAL HEALTH
SPECIAL REVIEW PART I PHYSIOLOGICAL EFFECTS OF EXTREME HEAT
AS STUDIED IN THE FINNISH SAUNA BATH
AMERICAN JOURNAL OF PHYSICAL MEDICINE VOL 46 PP246-314 1966
BY HASAN J
KARVONEN M J
PIINCHEN P
DAR ACCESS NO.....017400-002
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2268
INSTITUTE OF OCCUPATIONAL HEALTH
SPECIAL REVIEW PART II PHYSIOLOGICAL EFFECTS OF EXTREME
HEAT AS STUDIED IN THE FINNISH SAUNA BATH
AMERICAN JOURNAL OF PHYSICAL MEDICINE VOL 46 PP246-314 1966
BY HASAN J
KARVONEN M J
PIINCHEN P
DAR ACCESS NO.....017400-003
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2269
PENNSYLVANIA STATE UNIVERSITY
AMPHIPHILIC CARRIER TRANSPORT AND SURFACE RECOMBINATION
VELOCITY IN SEMICONDUCTOR SURFACE LAYERS
PHYS REV V154 NO 3 PP177-181 15 JUN 1967
BY DULVER C F
MCKELVEY J D
DAR ACCESS NO.....012641-003
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2270
STANFORD UNIVERSITY
AUTOMATA THEORY AND DEVELOPMENT PART I
JOURNAL OF THEORETICAL BIOLOGY V14 PP131-156 1967
BY AMIR A E
DAR ACCESS NO.....022990-002
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2271
UNIVERSITY OF LUND
MORPHOLOGICAL ASPECTS ON THE HYDROSTATIC FUNCTION OF THE
GAS BLADDER OF CLUPEA HARENGUS L
ACTA UNIVERSITATIS LUNDENSIS SECTIO II NO 1967
BY FAHLEN G
DAR ACCESS NO.....018342-002
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2272
UNIVERSITY OF MICHIGAN
NEUROUS PROCESSES UNDERLYING BEHAVIOR AND LEARNING FINAL
REPORT APRIL 1967
BY FESSARD A E
DAR ACCESS NO.....006274-001
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2273
INSTITUTE OF OCCUPATIONAL HEALTH
INTERNAL STRESS AND THE ELECTROCARDIOGRAM A TECHNICAL STUDY
JOURNAL OF APPLIED PHYSIOLOGY V21 NO 6 PP1875-1879 NOVEMBER
1966
BY HAUTAMAJA J P
WOLF H
PIINCHEN P
AIKAS E
KARVONEN M J
DAR ACCESS NO.....017401-001
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2274
GOTENBERG UNIVERSITY
EFFECT OF DESIPRAMINE AND RESEBRINE ON THE IN VIVO U-
HYDROXYLATION OF 2-METHYL-N-PYRAMINE AND 2-METHYLDOPAMINE
JOURNAL OF PHARMACY AND PHARMACOLOGY V19 PP61-65 JANUARY
1967
BY MAGGENDAL J
LINDQVIST M
MORIS J E
DAR ACCESS NO.....007424-008
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2275
UNIVERSITY OF KENT
GAUGE INVARIANCE OF VECTOR MEASUREMENTS
ZETTS FUR NATURFORSCHUNG V21 N12 PP2110-2111 1966
BY CASTELL L
DAR ACCESS NO.....019450-007
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2276
UNIVERSITY OF FLORIDA
SMOOTHING AND UNFOLDING THE DATA OF BEAM-COLLISIONS
EXPERIMENTS
THE JOURNAL OF CHEMICAL PHYSICS VOL 46 PP3459-3461 15 MAY
1967
BY LOUP G E
THOMAS B S
DAR ACCESS NO.....018141-001
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2277
UNIVERSITY OF CALIFORNIA
CORRELATION EFFECTS IN ATOMS III FOUR-ELECTRON SYSTEMS
THE PHYSICAL REVIEW V157 NO 2 PP723-735 MAY 1967
BY UYRON F W JR
JOACHAIN C J
DAR ACCESS NO.....004614-001
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2278
CONNELL UNIVERSITY
IMPOSSIBILITY OF NON-THERMAL RADIO EMISSION FROM VENUS
WATER CLOUDS
THE ASTROPHYSICAL JOURNAL V149 PP459-461 AUGUST 1967
BY DRAKE F D
DAR ACCESS NO.....000080-002
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2279
RICE UNIVERSITY
F REGION AND MAGNETOSPHERE BACKSCATTER RESULTS
REVIEWS OF GEOPHYSICS V5 NO 2 PP191-205 MAY 1967
BY GORDON W E
DAR ACCESS NO.....022290-001
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2280
UNIVERSITY OF CALIFORNIA
CORRELATION EFFECTS IN ATOMS II ANGULAR CORRELATIONS
BETWEEN ELECTRONS
THE PHYSICAL REVIEW V157 NO 2 PP736-753 MAY 1967
BY UYRON F W JR
JOACHAIN C J
DAR ACCESS NO.....004614-002
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2281
DUKE UNIVERSITY
ELECTRON SPIN RESONANCE STUDY OF HYDROGEN ADDITION AND -
REPLACEMENT REACTIONS IN SOME PYRIMIDINE COMPOUNDS
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY VOL 89 PP3819-3821
AUGUST 1967
BY MEHAR J N
GORDY W
DAR ACCESS NO.....000274-013
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2282
UNIVERSITY OF MARYLAND
DYNAMICAL COMPUTATION OF PHOTON CORRELATIONS AND COUNTING
STATISTICS
THE PHYSICAL REVIEW V157 NO 2 PP2110-2111 1966
BY KORENMAN V
DAR ACCESS NO.....001311-022
DOC NUMBER.....AD659224
INSTR.....AF-FOAR-0015-07
PROJECT/TASK.....9777/01

AFOSR 67-2284
UNIVERSITY OF WINDSOR
SENSITIZED FLUORESCENCE IN VAPOURS OF ALKALI METALS IN
ENERGY TRANSFER IN COLLISIONS BETWEEN SODIUM AND INERT GAS
ATOMS
CANADIAN JOURNAL OF PHYSICS V65 PP2671-2681 1967
BY PIERRE J
KNAUSE L
OAR ACCESS NO.....011113-001
DOC NUMBER.....AD659232
INSTR...AF-AFOSR-0361-67
PROJECT/TASK.....9767/02

AFOSR 67-2285
UNIVERSITY OF KENT
THE VALIDITY OF PERTURBATION SERIES WITH ZERO RADIUS OF
CONVERGENCE
JOURNAL OF MATHEMATICAL PHYSICS V7 N11 PP1900-1902 NOV 1966
BY BARET G A JH
CHISHOLM R
OAR ACCESS NO.....019450-008
DOC NUMBER.....AD659213
INSTR...AF-ENAR -0061-66
PROJECT/TASK.....9767/01

AFOSR 67-2286
UNIVERSITY OF OREGON
THE SHIFT OF SPECTRA OF THE EMISSION LINES OF INON AND OTHER
METALS /CR NI CA CU AND AL/ PRODUCED BY ARGON AND HELIUM
BY CHEN S Y
MOLNES U A
OAR ACCESS NO.....018271-001
DOC NUMBER.....AD659420
INSTR...AF-AFOSR-1220-67
PROJECT/TASK.....9767/03

AFOSR 67-2287
UNIVERSITY OF BRISTOL
CHEMISTRY OF THE METAL CARBONYLS PART XL
CARBONYLATION OF RUTHENIUM TRICHLORIDE
JOURNAL CHEMICAL SOCIETY SEC A PP1234-1241 1967
BY BRUCE M T
STONE F C
OAR ACCESS NO.....019380-002
DOC NUMBER.....AD659426
INSTR...AF-61/052/00847
PROJECT/TASK.....9710/02

AFOSR 67-2288
POLYTECHNIC INSTITUTE OF BROOKLYN
APPROXIMATE ANALYTICAL SOLUTION FOR SATELLITE ORBITS
SUBJECTED TO SMALL TIDAL DRAG
AIAA JOURNAL V5 N6 PP1121-1124 JUNE 1967
BY BHOSHAN M
OAR ACCESS NO.....001072-030
DOC NUMBER.....AD659216
INSTR...AF-APISH-0001-63
PROJECT/TASK.....9761/01

AFOSR 67-2289
UNIVERSITY OF DELAWARE
DIFFUSION IN CRYSTALS FINAL REPORT SEPT 1967
BY HENCHENALL C E
FALLER J G
WILLIAMS J M
OAR ACCESS NO.....006482-002
DOC NUMBER.....AD659492
INSTR...AF-49/638/01343
PROJECT/TASK.....9761/03

AFOSR 67-2290
UNIVERSITY OF BRISTOL
VALENCE AUTOMERISM IN CYCLO-OCTATETRAHEDRORUTHENIUM
TRICHLORIDE
CHEMICAL COMMUNICATIONS P521 1967
BY BRUCE M T
COLEMAN M
GREEN M
STONE F G A
OAR ACCESS NO.....019380-003
DOC NUMBER.....AD659235
INSTR...AF-61/052/00847
PROJECT/TASK.....9710/02

AFOSR 67-2291
STANFORD UNIVERSITY
A SURVEY OF HIGH-TEMPERATURE BOUNDARY-LAYER THEORY
SUDAAR 326 SEPT 1967
BY VAN DYKE M
OAR ACCESS NO.....004022-011
DOC NUMBER.....AD659136
INSTR...AF-69/638/01274
PROJECT/TASK.....9761/01

AFOSR 67-2292
STOCKHOLM UNIVERSITY
HIGH ENERGY NUCLEAR PHYSICS AND ELEMENTARY PARTICLES
FINAL REPORT JUNE 1967
BY EKSPOD A G
OAR ACCESS NO.....007763-001
DOC NUMBER.....AD659490
INSTR...AF-EUAK -0057-68
PROJECT/TASK.....9751/01

AFOSR 67-2293
CORNELL UNIVERSITY
CHANGES IN MORPHOLOGY OF IONIC CRYSTALS DUE TO CAPILLARITY
ACTA METALLURGICA V18 PP277-284 MARCH 1966
BY HARELY J W
L C Y
OAR ACCESS NO.....015710-001
DOC NUMBER.....AD659714
INSTR...AF-APOM-0740-65
PROJECT/TASK.....9761/03

AFOSR 67-2297
WELDON INSTITUTE
THERMODYNAMICS AND THE STABILITY OF FLUID MOTION
ARCH RATIONAL MECH ANAL V25 N5 PP321-341 1967
BY COLEMAN B D
GREENBERG J M
OAR ACCESS NO.....015271-004
DOC NUMBER.....AD659218
INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 67-2298
OHIO STATE UNIVERSITY
INDIVIDUAL PERFORMANCE AND SELF-EVALUATION IN A
SIMULATED TEAM
ORGANIZATIONAL BEHAVIOR AND HUMAN PERFORMANCE V2 N3
PP309-326 AUGUST 1967
BY JOHNSTON W A
OAR ACCESS NO.....018450-005
DOC NUMBER.....AD659220
INSTR...AF-AFOSR-0985-66
PROJECT/TASK.....9778/02

AFOSR 67-2299
OHIO STATE UNIVERSITY
OPTIMAL STATIONARY CONTROL OF A LINEAR SYSTEM WITH
STATE-DEPENDENT NOISE
SIAM J CONTROL V5 N3 PP486-500 1967
BY BONHAM W M
OAR ACCESS NO.....019592-002
DOC NUMBER.....AD659216
INSTR...AF-AFOSR-0693-66
PROJECT/TASK.....9749/01

AFOSR 67-2300
CORNELL UNIVERSITY
CONCENTRATION FLUCTUATIONS IN THE VICINITY OF THE
CRITICAL POINT FINAL REPORT SEPT 1967
BY BLOOM J
GALTA T
JACOBSEN W T
OAR ACCESS NO.....026640-001
DOC NUMBER.....AD659486
INSTR...AF-AFOSR-1253-67
PROJECT/TASK.....9760/02

AFOSR 67-2301
GEORGETOWN UNIVERSITY
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 3 BOUNDARY
VALUE PROBLEMS
BY BRUNDER F E
LIONS J L
SCHWARTZ J T
OAR ACCESS NO.....020500-002
DOC NUMBER.....AD659352
INSTR...AF-AFOSR-0986-66
PROJECT/TASK.....9749/02

AFOSR 67-2302
GEORGETOWN UNIVERSITY
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 4
DIFFERENTIAL OPERATORS
BY CALDERON A P
COUDINGTON E A
NIRNBERG L
OAR ACCESS NO.....020500-003
DOC NUMBER.....AD659352
INSTR...AF-AFOSR-0986-66
PROJECT/TASK.....9749/02

AFOSR 67-2307
CORNELL UNIVERSITY
ANECIBO BIOSPHERIC OBSERVATORY
N5 71 JULY 1967
BY DIANE F D
OAR ACCESS NO.....000081-022
DOC NUMBER.....AD659334
INSTR...F66020-67-C-0060
PROJECT/TASK.....9761/00

AFOSR 67-2310
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
DISCONTINUOUS YIELDING OF HYPERELASTIC AUSTENITIC
STAINLESS STEEL
MNL REPORT NO 9 SCIENTIFIC REPORT NO 6 AUG 1967
BY BARUCH J
HUSSEIN A
JUNJER S H
OAR ACCESS NO.....022230-007
DOC NUMBER.....AD659368
INSTR...AF-61/052/00951
PROJECT/TASK.....9762/02

AFOSR 67-2311
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
CONSTITUTIVE EQUATIONS FOR DYNAMIC MATERIAL BEHAVIOR
MNL REPORT NO 10 SCIENTIFIC REPORT NO 7 SEPT 1967
BY HADJIFR S R
OAR ACCESS NO.....022230-008
DOC NUMBER.....AD659369
INSTR...AF-61/052/00951
PROJECT/TASK.....9762/02

AFOSR 67-2312
YALE UNIVERSITY
PHENOMENA IN QUANTUM MECHANICS
STUDIES IN THE FOUNDATIONS OF QUANTUM THEORY AND PHILOSOPHY OF
SCIENCE V2 - QUANTUM THEORY AND REALITY ED BY M DUNGE
PP11-49 NEW YORK SPHINX-VERLAG 1967
BY MANDENAU H
COHEN L
OAR ACCESS NO.....002121-004
DOC NUMBER.....AD659273
INSTR...AF-APINR-CH83-65
PROJECT/TASK.....9764/02

AFOSR 67-2314
LOUISIANA STATE UNIVERSITY
NUCLEOPHILIC DISPLACEMENTS AT SULFUR III THE EXCHANGE OF
OXYGEN-18 BETWEEN SODIUM THIOSULFATE-O-18 AND WATER
JOURNAL AMERICAN CHEMICAL SOCIETY VOL 89 PP3379-3386
5 JULY 1967
BY HRYOR W A
TONELLATO UV
OAH ACCESS NO.....014731-001
DOC NUMBER.....AD659506
INSTR...AF-AFOSR-0540-86
PROJECT/TASK.....9762/02

AFOSR 67-2316
CORNELL UNIVERSITY
SURFACE ASYMMETRY MECHANISM FOR FRACTIONAL ORDER REACTIONS
OBSERVED IN LEAD HEATS FROM METALS
SURFACE SCIENCE VOL 11/2 PP1-13 JULY/AUG 1967
BY GOMLACH R L
RHODIN T N
OAH ACCESS NO.....017600-003
DOC NUMBER.....AD659530
INSTR...AF-AFOSR-0876-85
PROJECT/TASK.....9761/03

AFOSR 67-2317
BOSTON UNIVERSITY
APPROXIMATE SU-3 AND ITS NONRELATIVISTIC LIMIT
PHYS REV VISH NS PP1560-1565 25 JUNE 1967
BY FLEISCHMAN D
ROMAN P
OAH ACCESS NO.....011362-010
DOC NUMBER.....AD659535
INSTR...AF-AFOSR-0385-85
PROJECT/TASK.....9751/01

AFOSR 67-2318
CORNELL UNIVERSITY
EPITAXIAL GROWTH OF GOLD AND SILVER ON MAGNESIUM OXIDE
CLEAVED IN ULTRAHIGH VACUUM
APPL PHYS LETTERS VOL 12 PP33-35 15 JULY 1967
BY PALMBERG P B
RHODIN T N
TODD C J
OAH ACCESS NO.....017040-004
DOC NUMBER.....AD659531
INSTR...AF-AFOSR-0576-85
PROJECT/TASK.....9761/03

AFOSR 67-2319
CORNELL UNIVERSITY
LOW TEMPERATURE CLAPAGE MANIPULATOR FOR LEAD
APPARATUS
THE REVIEW OF SCIENTIFIC INSTRUMENTS VOL 38 PP834-835
JUNE 1967
BY PALMBERG P B
OAH ACCESS NO.....017000-005
DOC NUMBER.....AD659532
INSTR...AF-AFOSR-0876-85
PROJECT/TASK.....9761/03

AFOSR 67-2320
UNIVERSITY OF ROCHESTER
INTERFERENCE EFFECTS AT THE SINGLE PHOTON LEVEL
PHYSICS LETTERS VOL 24A N13 PP766-767 19 JUNE 1967
BY FLEISCHMAN R L
MANDEL L
OAH ACCESS NO.....018030-007
DOC NUMBER.....AD659527
INSTR...AF-44/638/01532
PROJECT/TASK.....9767/02

AFOSR 67-2321
UNIVERSITY OF ROCHESTER
INTERFERENCE OF INDEPENDENT PHOTON BEAMS
THE PHYSICAL REVIEW VISH NS PP1086-1088 25 JULY 1967
BY FLEISCHMAN R L
MANDEL L
OAH ACCESS NO.....018030-008
DOC NUMBER.....AD659528
INSTR...AF-44/638/01532
PROJECT/TASK.....9767/02

AFOSR 67-2322
SYRACUSE UNIVERSITY
PHOTOLOGY IN SUMMABILITY SETS
MATH ZEITSCHRIFT VOL 92 PP99-103 APRIL 1967
BY PETERSEN G H
OAH ACCESS NO.....003603-007
DOC NUMBER.....AD659526
INSTR...AF-44/638/01401
PROJECT/TASK.....9749/01

AFOSR 67-2323
UNIVERSITY OF MARYLAND
PHOTOPHOSPHORESCENCE AND COMPANION MECHANISMS FOR ELLIPTIC
-PARABOLIC DIFFERENTIAL EQUATIONS
CAN J MATH VOL 19 PP664-671 AUGUST 1967
BY DUDSON J A
OAH ACCESS NO.....001523-021
DOC NUMBER.....AD659591
INSTR...AF-AFOSR-0400-84
PROJECT/TASK.....9749/01

AFOSR 67-2324
JOHNS HOPKINS UNIVERSITY
REACTION POSITIVE ION-PHOTON INTERACTIONS AT 2.26 eV/c
PHYSICAL REVIEW VISH NS PP1281-1297 25 JUN 67
BY ROSEN
ROSENSTEIN S
COLL J
GILLESPIE D
KALNIN H
OAH ACCESS NO.....001733-002
DOC NUMBER.....AD659534
INSTR...AF-AFOSR-0234-85
PROJECT/TASK.....9751/01

AFOSR 67-2325
STANFORD UNIVERSITY
RADIATION PRESSURE ON A CONDUCTING SPHERE
SUHR REPORT NO 112 OCT 1967
BY BURN W
MUNICHAN D
OAH ACCESS NO.....016490-002
DOC NUMBER.....AD659548
INSTR...AF-49/638/01524
PROJECT/TASK.....9767/03

AFOSR 67-2326
UNIVERSITY OF SOUTHERN CALIFORNIA
FUNCTIONAL EQUATIONS - ASYMPTOTIC EQUIVALENCE OF EQUATIONS
OF EVOLUTION
COMPT REND ACAD SCI PARIS SER A N264 PP629-632 3 APR 1967
BY WANG P K C
OAH ACCESS NO.....019741-001
DOC NUMBER.....AD659578
INSTR...AF-AFOSR-1029-67
PROJECT/TASK.....9749/01

AFOSR 67-2327
STANFORD UNIVERSITY
PHOTON NUMBER CAUSED BY A CLASSIC TRANSMITTER
THE PHYSICAL REVIEW VISH NS PP1167-1170 25 MAY 67
BY MUNICHAN D
OAH ACCESS NO.....016490-003
DOC NUMBER.....AD659510
INSTR...AF-49/638/01524
PROJECT/TASK.....9767/03

AFOSR 67-2328
UNIVERSITY
EL CITY DISTRIBUTION OF METASTABLE H ATOMS PRODUCED BY
DISSOCIATIVE EXCITATION OF H SUB 2
THE PHYSICAL REVIEW VISH NS PP49-56 5 JUN 67
BY LEVENTHAL M
ROBISCUE R T
LEA K R
OAH ACCESS NO.....012315-001
DOC NUMBER.....AD659582
INSTR...AF-AFOSR-0249-67
PROJECT/TASK.....9767/02

AFOSR 67-2329
TECHNISCHE HOCHSCHULE MÜNCHEN
STABILITY REGIONS OF DISCRETE VARIABLE METHODS FOR
ORDINARY DIFFERENTIAL EQUATIONS
BY STETTER M J
BARON W
SOCHATZY M
OAH ACCESS NO.....001114-001
DOC NUMBER.....AD659578
INSTR...AF-41/052/00960
PROJECT/TASK.....9749/01

AFOSR 67-2330
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DYNAMIC DENSITY OF HELIUM THREE IN THE CRITICAL REGION
PHYSICAL REVIEW LETTERS VOL 14 PP151-154 24 JULY 1967
BY ZIMMERMAN G O
CHASE C F
OAH ACCESS NO.....007912-023
DOC NUMBER.....AD659527
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-2331
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ENERGY BAND STRUCTURE OF COPPER OXIDE IN THE VICINITY OF
THE FUNDAMENTAL EDGE FROM MAGNETO-OSCILLATORY ABSORPTION
MEASUREMENTS
SOLID STATE COMMUNICATIONS VOL 1 PP631-636 1967
BY HALPERN J
ZAKHARCHENYA R P
OAH ACCESS NO.....007912-024
DOC NUMBER.....AD659527
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-2332
TEXAS TECHNOLOGICAL COLLEGE
THE FORMATION OF CATIONS AND CATION RADICALS FROM
AROMATIC SULFIDES AND SULFOXIDES
ORGANOSULFUR CHEMISTRY-MATTHIJS J JANSSEN ED INTERSCIENCE
PUBLISHERS JOHN WILEY NEW YORK PP93-117 1967
BY SHINE H J
OAH ACCESS NO.....012720-036
DOC NUMBER.....AD659587
INSTR...AF-AFOSR-0023-63
PROJECT/TASK.....9762/03

AFOSR 67-2334
UNIVERSITY OF CALIFORNIA
BROWNSHAWARD AHELIAN GROUP DIFFERENCE SETS
JOURNAL OF ALGEBRA VOL 13 PP388-402 NOVEMBER 1966
BY JOHNSON C C
OAH ACCESS NO.....014938-021
DOC NUMBER.....AD659538
INSTR...AF-AFOSR-0698-65
PROJECT/TASK.....9749/01

AFOSR 67-2335
JOHNS HOPKINS UNIVERSITY
DIFFERENT CODING PROPERTIES OF TWO ASPARTYL-TRNA SPECIES
JOURNAL OF MOLECULAR BIOLOGY VOL 12 PP619-621 1967
BY GALIZZI A
OAH ACCESS NO.....018390-004
DOC NUMBER.....AD659526
INSTR...AF-49/638/01504
PROJECT/TASK.....9777/01

AFOSR 67-2340
JOHNS HOPKINS UNIVERSITY
REACTION OF π^+ PLUS PARTICLES WITH PHOTONS INTO NEUTRAL π^0
PLUS POSITIVE PION PLUS PROTONS AT 1.66 BEV/C
PHYSICAL REVIEW V18 N5 PP1296-1309 25 JUN 67
BY BOMSE F
BORNSTEIN S
COLE J
GILLESPIE D
KRAFER H
OAR ACCESS NO.....001733-003
DDC NUMBER.....AD659584
INSTR...AF-AFOSR-0234-65
PROJECT/TASK.....9751/01

AFOSR 67-2341
UNIVERSITY OF MICHIGAN
DEVELOPMENT OF A HEATED SHOCK TUBE FINAL REPORT SEPT 1967
BY LAMONTE O
KIM Y W
OAR ACCESS NO.....017841-001
DDC NUMBER.....AD660886
INSTR...AF-AFOSR-0434-66
PROJECT/TASK.....9750/01

AFOSR 67-2342
UNIVERSITY OF TEXAS
TEXAS BIOMATERIAL OF ELECTRONICS RESEARCH NO 6 FINAL REPORT
NOV 1967
BY COATES C L
OAR ACCESS NO.....015242-037
DDC NUMBER.....AD662359
INSTR...AF-AFOSR-0706-67
PROJECT/TASK.....4751/00

AFOSR 67-2343
WEIZMANN INSTITUTE OF SCIENCE
SPECIFICITY OF IMMUNOLOGICAL TOLERANCE TO POLY-OL-ALANYL
PROTEINS
IMMUNOCHEMISTRY V4 PP169-181 1967
BY BAUMINGER S
SCHECHTER I
SFLA H
OAR ACCESS NO.....018321-002
DDC NUMBER.....AD659517
INSTR...AF-EDAR -0017-66
PROJECT/TASK.....9777/01

AFOSR 67-2344
WASHINGTON UNIVERSITY
FOURIER COEFFICIENTS OF FUNCTIONS OF BOUNDED
VARIATION
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY V18 N4
P768 AUG 1967
BY TABLESON M H
OAR ACCESS NO.....022450-001
DDC NUMBER.....AD659609
INSTR...AF-49/63R/01769
PROJECT/TASK.....9749/02

AFOSR 67-2345
NEW YORK UNIVERSITY
SINGULAR PERTURBATIONS OF BOUNDARY VALUE PROBLEMS FOR
LINEAR ORDINARY DIFFERENTIAL EQUATIONS INVOLVING TWO
PARAMETERS
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS V19
N2 PP291-301 AUGUST 1967
BY O MALLITY R E JR
OAR ACCESS NO.....000333-007
DDC NUMBER.....AD659574
INSTR...AF-AFOSR-0537-64
PROJECT/TASK.....9749/02

AFOSR 67-2346
UNIVERSITY OF NORTH CAROLINA
CONFIDENCE INTERVALS FOR THE MEAN OF A FINITE POPULATION
THE ANNALS OF MATHEMATICAL STATISTICS V38 N4 PP1180-1207
AUGUST 1967
BY JOSHI V H
OAR ACCESS NO.....015670-006
DDC NUMBER.....AD659614
INSTR...AF-AFOSR-0760-65
PROJECT/TASK.....9749/02

AFOSR 67-2348
SPEECH COMMUNICATIONS RESEARCH LABORATORY INC
ON THE PROBLEM OF DESCRIBING THE GRAMMAR OF NATURAL
LANGUAGES
LANGUAGE AND SPEECH V10 P12 PP107-121 APRIL-JUNE 1967
BY MASON J A
PETERSON G F
OAR ACCESS NO.....004216-001
DDC NUMBER.....AD659569
INSTR...AF-AFOSR-1252-67
PROJECT/TASK.....9769/02

AFOSR 67-2349
WEIZMANN INSTITUTE OF SCIENCE
FORMATION AND ISOLATION OF MAURIT ANTIPODIES TO A
SYNTHETIC ANTIGEN OF LOW MOLECULAR WEIGHT
JOURNAL OF IMMUNOLOGY V98 N4 PP739-744 1967
BY BOREK F
STUPP T
SELA H
OAR ACCESS NO.....018321-003
DDC NUMBER.....AD659519
INSTR...AF-EDAR -0017-66
PROJECT/TASK.....9777/01

AFOSR 67-2350
WEIZMANN INSTITUTE OF SCIENCE
DIFFERENCES IN IMMUNE RESPONSE TO SYNTHETIC ANTIGENS IN
TWO INbred STRAINS OF GUINEA-PIGS
IMMUNOLOGY V12 N5 PP573-581 MAY 1967
BY BEN-EPHRAIM S
FUCHS S
SFLA H
OAR ACCESS NO.....018321-004
DDC NUMBER.....AD659518
INSTR...AF-EDAR -0017-66
PROJECT/TASK.....9777/01

AFOSR 67-2351
CLARK UNIVERSITY
THE INTERRELATIONS OF THE CHEMICAL SENSES
THE CHEMICAL SENSES AND NUTRITION ED BY MORLEY R KARE AND
OWEN MALLER PP249-261 THE JOHNS HOPKINS PRESS BALTIMORE
MD 1967
BY MOUTON D G
OAR ACCESS NO.....020460-002
DDC NUMBER.....AD659600
INSTR...AF-AFOSR-1056-66
PROJECT/TASK.....9777/01

AFOSR 67-2352
CALIFORNIA INSTITUTE OF TECHNOLOGY
SELECTED PROBLEMS IN THE THEORY OF ELECTROMAGNETIC
RADIATION FINAL REPORT SEPT 1967
BY PAPAS C H
OAR ACCESS NO.....000132-007
DDC NUMBER.....AD662017
INSTR...AF-49/63R/01266
PROJECT/TASK.....9766/02

AFOSR 67-2353
UNIVERSITY OF CALIFORNIA
ON CLASSICAL SOLUTIONS OF THE TWO-DIMENSIONAL
NON-STATIONARY EULER EQUATION
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V25 N3 PP188
-200 1967
BY KATO T
OAR ACCESS NO.....014450-011
DDC NUMBER.....AD659620
INSTR...AF-AFOSR-0553-64
PROJECT/TASK.....9749/02

AFOSR 67-2354
UNIVERSITY OF PISA
COMPARATIVE NEUROPHYSIOLOGY OF THE VISUAL SYSTEM FINAL
REPORT SEPT 1967
BY MUZZI G
OAR ACCESS NO.....019641-001
DDC NUMBER.....AD659763
INSTR...F61052-67-C-0028
PROJECT/TASK.....9777/01

AFOSR 67-2355
UNIVERSITY OF ILLINOIS
WALL SHEAR STRESS DISTRIBUTION FOR FLOW AROUND A
CIRCULAR CYLINDER AT REYNOLDS NUMBER BETWEEN 60 AND 340
REPORT NO 2 OCT 1967
BY DIMOPOULOS H G
HANRATTY T J
OAR ACCESS NO.....014513-002
DDC NUMBER.....AD662015
INSTR...AF-AFOSR-0547-67
PROJECT/TASK.....9781/02

AFOSR 67-2357
YESHIVA UNIVERSITY
THE VANISHING OF A THETA CONSTANT IS A PECULIAR
PHENOMENON
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V73 N3 PP339
-342 MAY 1967
BY RAUCH H E
OAR ACCESS NO.....020940-002
DDC NUMBER.....AD659614
INSTR...AF-AFOSR-1077-66
PROJECT/TASK.....9749/02

AFOSR 67-2358
YESHIVA UNIVERSITY
THE LOCAL RING OF THE GENUS THREE MODULUS SPACE AT KLEINS
168 SURFACE
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V73 N3 PP343
-346 MAY 1967
BY RAUCH H E
OAR ACCESS NO.....020940-003
DDC NUMBER.....AD659613
INSTR...AF-AFOSR-1077-66
PROJECT/TASK.....9749/02

AFOSR 67-2360
UNIVERSITY OF TEXAS
FLUORESCENCE AND TRIPLET STATE OF HEXAFLUOROBENZENE
JOURNAL CHEMICAL PHYSICS V46 N12 PP4679-4699 15 JUNE
1967
BY PHILLIPS D
OAR ACCESS NO.....016290-006
DDC NUMBER.....AD659617
INSTR...AF-AFOSR-0776-65
PROJECT/TASK.....9760/02

AFOSR 67-2361
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ELECTROREFLECTANCE STUDY OF INTERBAND MAGNETO-OPTICAL
TRANSITIONS IN INDIUM ARSENIDE AND INDIUM ANTIMONIDE AT 1.5
DEGREES KELVIN
SOLID STATE COMMUNICATIONS V8 PP677-680 1967
BY PINGEON C R
GROVES S M
FEINLEIN J
OAR ACCESS NO.....007912-037
DDC NUMBER.....AD659708
INSTR...F44620-67-C-0047
PROJECT/TASK.....9784/01

AFOSR 67-2362
UNIVERSITY OF MONTREAL
INFORMATION RETRIEVAL EXPERIMENT FINAL REPORT JUNE 1967
BY SELYE H
OAR ACCESS NO.....012013-001
DDC NUMBER.....AD659716
INSTR...AF-AFOSR-0930-85
PROJECT/TASK.....9769/01

AFOSR 67-2363
COLUMBIA UNIVERSITY
THE FLUID TRANSPARATION ARC AS A RADIATION SOURCE FOR
SOLAR SIMULATION
P-37312 JUNE 1967
BY SHPEH C
KORMAN S
OAR ACCESS NO.....011102-005
DDC NUMBER.....AD661285
INSTR...AF-49/638/01395
PROJECT/TASK.....9783/02

AFOSR 67-2364
GENERAL ELECTRIC COMPANY
DENSITY PROFILE MEASUREMENTS FINAL REPORT SEPT 1967
BY GLOERSEN P
OAR ACCESS NO.....011611-001
DDC NUMBER.....AD660588
INSTR...AF-49/638/01578
PROJECT/TASK.....9752/01

AFOSR 67-2365
LEHIGH UNIVERSITY
QUESTION NEGOTIATION AND INFORMATION SEEKING IN LIBRARIES
FINAL REP. 11 JULY 1967
BY TAYLOR K S
OAR ACCESS NO.....015351-001
DDC NUMBER.....AD66946H
INSTR...AF-AFOSR-0724-66
PROJECT/TASK.....9769/01

AFOSR 67-2366
UNIVERSITY OF CALIFORNIA
CHARGE DENSITY NEAR A VORTEX LINE IN TYPE II
SUPERCONDUCTORS
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS V28 N7 PP1092-
1098 JUL 1967
BY LEADON R
OAR ACCESS NO.....008461-036
DDC NUMBER.....AD669712
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-2367
CORNELL UNIVERSITY
MASS TRANSPORT ANALYSIS FOR ULTRALD WIDENING AND RELATED
PHENOMENA
ACTA METALLURGICA V14 PP1397-1402 NOVEMBER 1966
BY LI C Y
BLAKELY J M
FEINGOLD A H
OAR ACCESS NO.....015710-002
DDC NUMBER.....AD660715
INSTR...AF-AFOSR-0780-65
PROJECT/TASK.....9761/03

AFOSR 67-2368
POLYTECHNIC INSTITUTE OF BROOKLYN
DYNAMICS AND VIBRATIONS OF HOMOGENEOUS AND LAYERED PLATES
AND SHELLS INCLUDING THOSE OF SANDWICH CONSTRUCTION FINAL
REPORT SEPT 1967
BY KOPLIK H
OAR ACCESS NO.....005552-014
DDC NUMBER.....AD661509
INSTR...AF-49/638/01290
PROJECT/TASK.....9762/01

AFOSR 67-2369
POLYTECHNIC INSTITUTE OF BROOKLYN
DYNAMICS AND VIBRATIONS OF HOMOGENEOUS AND LAYERED PLATES
AND SHELLS INCLUDING THOSE OF SANDWICH CONSTRUCTION FINAL
REPORT SEPT 1967
BY KOPLIK H
OAR ACCESS NO.....005552-015
DDC NUMBER.....AD661509
INSTR...AF-49/638/01290
PROJECT/TASK.....9762/01

AFOSR 67-2369
NORTH AMERICAN ROCKWELL CORP
THE DAMPING OF TURBULENT FLOW BY LONG-CHAIN MOLECULES
C7-2535/020 SEPT
BY VAN ORTEST C R
OAR ACCESS NO.....001153-003
DDC NUMBER.....AD660883
INSTR...AF-49/638/01442
PROJECT/TASK.....9781/02

AFOSR 67-2370
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HIGH CURRENT DENSITY SUPERCONDUCTING COILS
PROC INTERN CONF ON HIGH MAGNETIC FIELDS GRENOBLE 12-14
SEPT 1966 PP281-288 1967
BY WILLIAMS J E C
OAR ACCESS NO.....007912-028
DDC NUMBER.....AD659707
INSTR...F44620-67-C-0047
PROJECT/TASK.....9784/01

AFOSR 67-2371
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HIGH FIELD MAGNETS AT THE NATIONAL MAGNET LABORATORY
PROC INTERN CONF ON HIGH MAGNETIC FIELDS GRENOBLE 12-14
SEPT 1966 PP31-39 1967
BY MONTGOMERY D B
OAR ACCESS NO.....007912-026
DDC NUMBER.....AD659710
INSTR...F44620-67-C-0047
PROJECT/TASK.....9784/01

AFOSR 67-2372
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
NONPARABOLICITY OF THE CONDUCTION BAND IN GERMANIUM FROM
MAGNETO-PIEZOTRANSMISSION EXPERIMENTS
PHYS REV LETTERS V19 N5 PP236-238 31 JULY 1967
BY AGGARWAL R L
ZUTECK M D
LAX B
OAR ACCESS NO.....007912-027
DDC NUMBER.....AD659709
INSTR...F44620-67-C-0047
PROJECT/TASK.....9784/01

AFOSR 67-2373
UNIVERSITY OF PITTSBURGH
LONG-RANGE JIP SUPER IN SPIN-SPIN COUPLINGS IN BENZYL AND
TOLYL PHOSPHORUS COMPOUNDS
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N17 PP4427-4431 16
AUG 1967
BY GRIFFIN C E
GORDON M
OAR ACCESS NO.....008881-008
DDC NUMBER.....AD659860
INSTR...AF-AFOSR-0470-64
PROJECT/TASK.....9762/01

AFOSR 67-2374
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LARGE VOLUME PULSED FIELD COILS APPLICATIONS TO SYNCHRONOUS
PULSE OPERATION FROM 250 TO 500 KILOGAUSS
PROC INTERN CONF ON HIGH MAGNETIC FIELDS GRENOBLE 12-14
SEPT 1966 PP385-389 1967
BY FOMER S
OAR ACCESS NO.....007912-028
DDC NUMBER.....AD659708
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-2375
VICTORIA UNIVERSITY
BETA-DECAY OF RADIOACTIVE LEAD TETRAMETHYL
JOURNAL INORGANIC NUCLEAR CHEMISTRY V29 PP869-890 1967
BY DUNCAN J F
THOMAS F G
OAR ACCESS NO.....011751-003
DDC NUMBER.....AD659855
INSTR...AF-AFOSR-0027-63
PROJECT/TASK.....9710/03

AFOSR 67-2376
UNIVERSITY OF WISCONSIN
NEW ANIONIC REARRANGEMENTS IV KINETICS OF CATALYZED ANIONIC
REARRANGEMENT OF BIS(ORGANOSILYL)METHYL HYDRAZINES
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N16 PP4072-4076 2 AUG
1967
BY WEST R
ISHIKAWA M
HAILEY R E
OAR ACCESS NO.....019460-004
DDC NUMBER.....AD659857
INSTR...AF-AFOSR-1061-66
PROJECT/TASK.....9762/02

AFOSR 67-2377
UNIVERSITY OF WISCONSIN
NEW ANIONIC REARRANGEMENTS III CATALYTIC REARRANGEMENT OF
ORGANOSILYLHYDRAZINES
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N16 PP4068-4072 2 AUG
1967
BY WEST R
ISHIKAWA M
BAILEY R E
OAR ACCESS NO.....019460-005
DDC NUMBER.....AD659856
INSTR...AF-AFOSR-1061-66
PROJECT/TASK.....9762/02

AFOSR 67-2378
UNIVERSITY OF CALIFORNIA
MULTIPLICATIVE MATRIX COMMUTATORS COMMUTING WITH BOTH
FACTORS
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATION V14 N2
PP315-335 MAY 1967
BY THOMPSON R C
OAR ACCESS NO.....014930-024
DDC NUMBER.....AD659859
INSTR...AF-AFOSR-0698-65
PROJECT/TASK.....9749/01

AFOSR 67-2379
PRINCETON UNIVERSITY
A NEW ROUTE TO THE PREPARATION AND CONFIGURATIONAL
CORRELATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N18 PP4786-4788
30 AUG 1967
BY KORPIUM O
MISLOW K
OAR ACCESS NO.....022000-003
DOC NUMBER.....AD65988A
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 67-2380
UNIVERSIDAD DE CHILE
EFFECTS OF ATROPINE, ESERINE AND ADRENALINE IN LATS WITH
HYPERTENSIVE TRANSSECTION AND IN THE ISOLATED HEMISPHERE
CAT PREPARATION /SPANISH/
ARCH RION MED EXPR V3 N63 PP118-124 1966
BY VILLABLANCA J
OAR ACCESS NO.....010881-008
DOC NUMBER.....AD659713
INSTR...AF-AFOSR-0317-63
PROJECT/TASK.....9777/01

AFOSR 67-2381
KUMAMOTO UNIVERSITY
NEURAL ORGANIZATION OF SENSORY INFORMATION FOR TASTE
BY SATO M
OAR ACCESS NO.....500330-001
DOC NUMBER.....AD659796
INSTR...MIPR -0006-65
PROJECT/TASK.....9777/01

AFOSR 67-2382
KUMAMOTO UNIVERSITY
GUSTATORY AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL
NERVE OF THE MARGIT AND CAT
THE JAPANESE JOURNAL OF PHYSIOLOGY V17 PP94-110 1967
BY YAMADA K
OAR ACCESS NO.....500330-002
DOC NUMBER.....AD659808
INSTR...MIPR -0006-65
PROJECT/TASK.....9777/01

AFOSR 67-2383
KUMAMOTO UNIVERSITY
PREFERENCE-AVERSION FUNCTION FOR SODIUM
MONOAMINOCARBOXYLATES IN RATS
JOURNAL OF THE PHYSIOLOGICAL SOCIETY OF JAPAN V29 PP188-189
1967
BY MIJI Y
SATO M
OAR ACCESS NO.....500330-003
DOC NUMBER.....AD659820
INSTR...MIPR -0006-65
PROJECT/TASK.....9777/01

AFOSR 67-2384
KUMAMOTO UNIVERSITY
GUSTATORY AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL
NERVE OF THE RAT
THE JAPANESE JOURNAL OF PHYSIOLOGY V18 PP599-611 1966
BY YAMADA K
OAR ACCESS NO.....500330-004
DOC NUMBER.....AD659717
INSTR...MIPR -0006-65
PROJECT/TASK.....9777/01

AFOSR 67-2385
KUMAMOTO UNIVERSITY
MULTIMODAL SENSITIVITY OF TASTE UNITS IN THE RAT
THE KUMAMOTO MEDICAL JOURNAL V20 N1 PP67-70 1967
BY YAMASHITA S
OGAWA M
SATO M
OAR ACCESS NO.....500330-005
DOC NUMBER.....AD659819
INSTR...MIPR -0006-65
PROJECT/TASK.....9777/01

AFOSR 67-2386
LOUISIANA STATE UNIVERSITY
REACTIONS OF FREE RADICALS FINAL REPORT OCT 1967
BY PRYOR W A
OAR ACCESS NO.....014731-002
DOC NUMBER.....AD659765
INSTR...AF-AFOSR-0540-66
PROJECT/TASK.....9762/02

AFOSR 67-2387
UNIVERSITY OF MASSACHUSETTS
RATES OF EXCHANGE OF SOLVENT MOLECULES WITH PARAMAGNETIC
IONS FINAL REPORT OCT 1967
BY STENGLE T M
LANGFORD C W
OAR ACCESS NO.....013011-005
DOC NUMBER.....AD660139
INSTR...AF-AFOSR-0212-65
PROJECT/TASK.....9760/02

AFOSR 67-2388
STANFORD UNIVERSITY
ALGEBRAIC ASPECTS OF THE THEORY OF DYNAMICAL SYSTEMS
DIFFERENTIAL EQUATIONS AND DYNAMICAL SYSTEMS ED BY J HALE
L J LASALLE PH133-148 ACADEMIC PRESS N Y 1967
BY KALMAN P E
OAR ACCESS NO.....015390-003
DOC NUMBER.....AD659711
INSTR...AF-49/GJR/01440
PROJECT/TASK.....9749/01

AFOSR 67-2389
UNIVERSITY OF CALIFORNIA
ON A CLASS OF MATRIX EQUATIONS
PACIFIC JOURNAL OF MATHEMATICS V20 N2 PP269-316 1967
BY THOMPSON R C
OAR ACCESS NO.....014931-001
DOC NUMBER.....AD659854
INSTR...AF-AFOSR-069A-67
PROJECT/TASK.....9749/01

AFOSR 67-2390
UNIVERSITY OF CALIFORNIA
A NOTE ON MATRIX COMMUTATORS
AMERICAN MATHEMATICAL MONTHLY V74 N3 PP276-278 MARCH 1967
BY THOMPSON R C
OAR ACCESS NO.....014931-002
DOC NUMBER.....AD659879
INSTR...AF-AFOSR-069B-67
PROJECT/TASK.....9749/01

AFOSR 67-2391
UNIVERSITY OF MIAMI
NONPLANAR CYCLOBUTANE STERIC CONTROL IN OXAMINATION OF
CIS AND TRANS-3-ISOPROPYLCYCLOBUTYLAMINE
TETRAHEDRON LETTERS N40 PP3953-3959 1967
BY LILLIEN I
DOUGHTY M A
OAR ACCESS NO.....012570-005
DOC NUMBER.....AD659880
INSTR...AF-AFOSR-0123-63
PROJECT/TASK.....9762/02

AFOSR 67-2392
CORNELL UNIVERSITY
DEFECTS NEAR IONIC CRYSTAL SURFACES
FUNDAMENTAL PHENOMENA IN THE MATERIALS SCIENCES V3 SURFACE
PHENOMENA ED BY L J GONIS PP153-170 PLENUM PRESS N Y 1966
BY LI C Y
BLAKELY J M
OAR ACCESS NO.....015710-003
DOC NUMBER.....AD659883
INSTR...AF-AFOSR-0780-65
PROJECT/TASK.....9781/03

AFOSR 67-2393
INDIANA UNIVERSITY
DETECTION OF AN IN-PHASE SIGNAL WITH AND WITHOUT
UNCERTAINTY REGARDING THE INTERAURAL PHASE OF THE MASKING
NOISE
JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA V4, N4 P1L
PP778-781 APRIL 1967
BY MCFADDEN D
OAR ACCESS NO.....014543-003
DOC NUMBER.....AD659885
INSTR...AF-AFOSR-0548-67
PROJECT/TASK.....9769/03

AFOSR 67-2394
HAMILTON UNIVERSITY
EQUIVALENT GAUSSIAN MEASURES WITH A PARTICULARLY SIMPLE
HADON-NIKODYM DERIVATIVE
THE ANNALS OF MATHEMATICAL STATISTICS V36 N4 PP1027-1030
AUGUST 1967
BY VANHERG D F
OAR ACCESS NO.....012521-006
DOC NUMBER.....AD659882
INSTR...AF-AFOSR-0035-65
PROJECT/TASK.....9749/02

AFOSR 67-2395
CATHOLIC UNIVERSITY OF AMERICA
A CHARACTERIZATION OF THE STABLES AND SYSTEMATIC PROCESS
/FRENCH/
BY LUKACS E
OAR ACCESS NO.....014012-002
DOC NUMBER.....AD659888
INSTR...AF-AFOSR-0437-65
PROJECT/TASK.....9749/02

AFOSR 67-2397
UNIVERSIDADE DE SAO PAULO
THE CARBON 13 PROTON-NUCLEAR REACTION NEAR THRESHOLD
NUCLEAR PHYSICS V85 N3 PP689-696 1966
BY DIETZSCH O
OAR ACCESS NO.....008173-001
DOC NUMBER.....AD659887
INSTR...AF-AFOSR-0310-65
PROJECT/TASK.....9751/02

AFOSR 67-2398
UNIVERSITY OF OREGON
GLUTERON SHIPPING ON A REALISTIC NUCLEUS
PHYS REV V157 N4 PP770-778 20 MAY 1967
BY KRONINGA A J
LIN K L
MCANATHY I E
OAR ACCESS NO.....017600-003
DOC NUMBER.....AD659881
INSTR...AF-AFOSR-0447-65
PROJECT/TASK.....9751/02

AFOSR 67-2399
UNIVERSITY OF TEXAS
THE EFFECT OF VACUUM C SURFACE DAMAGE IN FATIGUE FINAL
REPORT SEPT 1967
BY MILKOV M A
APPLEWHITE B
OAR ACCESS NO.....018602-001
DOC NUMBER.....AD66067A
INSTR...AF-AFOSR-0540-66
PROJECT/TASK.....9742/02

AFOSR 67-2400
CARNEGIE-MELLON UNIVERSITY
CONTRIBUTIONS TO MATHEMATICAL MATHEMATICS
BY TURNAGA R
DAR ACCESS NO.....072900-020
DOC NUMBER.....AD660127
INSTR...AF-49/634/01421
PROJECT/TASK.....9714/00

AFOSR 67-2401
UNIVERSITY OF PENNSYLVANIA
THE PDPMAR ASSEMBLY SYSTEM
68-11 OCT 1967
BY JOHNSON T M
WOLFGANG M S
DAR ACCESS NO.....311842-005
INSTR...AF-49/634/01421
PROJECT/TASK.....9769/01

AFOSR 67-2402
HOUSTON STATE PSYCHIATRIC INSTITUTE
PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION
PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS
BY BURCH N R
DAR ACCESS NO.....019651-002
DOC NUMBER.....AD660138
INSTR...AF-49/634/01421
PROJECT/TASK.....9774/01

AFOSR 67-2403
STATE UNIVERSITY OF NEW YORK
FLASH PHOTOLYSIS STUDIES OF 1,3-B-CYCLOOCTADIENE A
REVERSIBLE RING OPENING
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N18 PP450M-4592 30
AUG 1967
BY GILDFORD T D
LINDQVIST L
DAR ACCESS NO.....017240-001
DOC NUMBER.....AD659886
INSTR...AF-49/634/01421
PROJECT/TASK.....9762/01

AFOSR 67-2406
UNIVERSITY OF NEVADA
FIELD EMISSION STUDIES OF THE SURFACE MIGRATION OF
REFRACTORY METALS FINAL REPORT OCT 1967
BY DETTLER P C
DAR ACCESS NO.....011241-001
DOC NUMBER.....AD660129
INSTR...AF-49/634/01421
PROJECT/TASK.....9761/03

AFOSR 67-2407
UNIVERSITY OF CALIFORNIA
THE SEARCH FOR NEW MATERIALS
FERROELECTRICITY EDITED BY EDWARD F WELLEN PP 176-182
ELSEVIER PUBLISHING COMPANY AMSTERDAM 1967
BY MATTHEIAS H T
DAR ACCESS NO.....018430-058
DOC NUMBER.....AD659878
INSTR...AF-49/634/01421
PROJECT/TASK.....9763/02

AFOSR 67-2408
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY OF CERIUM COBALT
JOURNAL OF PHYSICS AND CHEMISTRY SOLIDS V28 PP1060-1047
22 MARCH 1967
BY SMITH T F
HARRIS L W
DAR ACCESS NO.....018430-059
DOC NUMBER.....AD659831
INSTR...AF-49/634/01421
PROJECT/TASK.....9763/02

AFOSR 67-2409
UNIVERSITY OF CALIFORNIA
WILL WENSHOF METHOD FOR SUPERCONDUCTIVITY
THE PHYSICAL REVIEW V157 N2 PP353-354 17 JULY 1967
BY SMITH T F
CHU C W
DAR ACCESS NO.....018430-060
DOC NUMBER.....AD659833
INSTR...AF-49/634/01421
PROJECT/TASK.....9763/02

AFOSR 67-2410
UNIVERSITY OF MISSOURI
SOME RESULTS RELATING MOMENT GENERATING FUNCTIONS AND
CONVERGENCE MAPS IN THE LAW OF LARGE NUMBERS
THE ANNALS OF MATHEMATICAL STATISTICS V34 N3 PP742-750 JUNE
1967
BY HANSON D L
DAR ACCESS NO.....018430-061
DOC NUMBER.....AD659835
INSTR...AF-49/634/01421
PROJECT/TASK.....9764/02

AFOSR 67-2411
ATLANTIC RESEARCH CORPORATION
RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID
OXIDIZERS
QUARTERLY TECHNICAL SUMMARY REPORT NO 7 SEPT 1967
BY FEUP G V
MCHEALE T T
KILGOMAN H
LEVY J H
DAR ACCESS NO.....017041-008
DOC NUMBER.....AD621593
INSTR...AF-49/634/01421
PROJECT/TASK.....9713/01

AFOSR 67-2412
POLYTECHNIC INSTITUTE OF BROOKLYN
MICROWAVES/ELECTROMAGNETIC THEORY AND INFORMATION
PROCESSES
R-452 31-67 MARCH 1967
BY OLINER A A
DAR ACCESS NO.....001689-040
DOC NUMBER.....AD619366
INSTR...AF-49/634/01421
PROJECT/TASK.....4751/00

AFOSR 67-2413
PRINCETON UNIVERSITY
CONFIGURATIONAL CORRELATION OF PHOSPHINATES BY NUCLEAR
MAGNETIC RESONANCE AND OPTICAL ROTATORY DISPERSION
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N14 PP4786-4787 30
AUG 1967
BY LEWIS R A
KORPIUM O
NISLOW K
DAR ACCESS NO.....022000-004
DOC NUMBER.....AD660827
INSTR...AF-49/634/01421
PROJECT/TASK.....9742/01

AFOSR 67-2414
HARVARD UNIVERSITY
HYPERBOLIC MOTIONS
MAGUYA MATHEMATICAL JOURNAL V29 MARCH 1967
BY AHLFORS L V
DAR ACCESS NO.....001593-008
DOC NUMBER.....AD659853
INSTR...AF-49/634/01421
PROJECT/TASK.....9749/02

AFOSR 67-2415
INSTITUTO GEOGRAFICO Y CATASTRAL
CRUSTAL STRUCTURE OF THE MEDITERRANEAN SEA PART II PHASE
VELOCITY AND TRAVEL TIMES
BY PAYO G
DAR ACCESS NO.....015960-015
DOC NUMBER.....AD662628
INSTR...AF-49/634/01421
PROJECT/TASK.....8625/00

AFOSR 67-2416
PRINCETON UNIVERSITY
CONFORMATIONAL FLEXIBILITY OF THIANTHRENE AND ITS OXIDES
JOURNAL AMERICAN CHEMICAL SOCIETY V89 PP4815-4816 1967
BY CHICKOS J
NISLOW K
DAR ACCESS NO.....022000-005
DOC NUMBER.....AD659828
INSTR...AF-49/634/01421
PROJECT/TASK.....9762/01

AFOSR 67-2417
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
IRON POSITIVE ION AND IRON OXIDE POSITIVE ION HYPERFINE
FIELDS IN MAGNETIC OXIDE AND CALCIUM OXIDE
PHYSICS LETTERS V25A N2 PP149-150 31 JULY 1967
BY CHAPPERT J
FRANKEL W H
BLUM N A
DAR ACCESS NO.....007912-029
DOC NUMBER.....AD659809
INSTR...AF-49/634/01421
PROJECT/TASK.....9764/01

AFOSR 67-2419
UNIVERSITY OF DELAWARE
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
AFOSR 6-9 JULY 1967
BY REACHELL H C
HACKMAN E F
DAR ACCESS NO.....017010-002
DOC NUMBER.....AD622591
INSTR...AF-49/634/01421
PROJECT/TASK.....9713/01

AFOSR 67-2420
NORTH AMERICAN ROCKWELL CORPORATION
STABILITY OF TWO-DIMENSIONAL POISSON FLOW
C7-2239/020 SEPT 1967
BY HADGILL J R
VAN DRIST E R
DAR ACCESS NO.....001153-004
DOC NUMBER.....AD641570
INSTR...AF-49/634/01421
PROJECT/TASK.....4701/02

AFOSR 67-2421
HARVARD UNIVERSITY
KLEINIAN GROUPS IN THE PLANE AND IN SPACE (GERMAN)
FESFUND ZUM 70 GEBURTSTAG VON WOLF VON NEUBAUER H H KUNZI
UND A BEUGER PP7-15 SPRINGER-VERLAG GERMANY
BY AHLFORS L V
DAR ACCESS NO.....001593-009
DOC NUMBER.....AD659837
INSTR...AF-49/634/01421
PROJECT/TASK.....9749/02

AFOSR 67-2422
UNIVERSITY OF ARIZONA
1,2-AND 1,4-ADDITION PRODUCTS FROM THE REACTION OF
BENZYL MAGNESIUM CHLORIDE AND TRANS-ALPHA-PHENYLENE
JOURNAL ORGANIC CHEMISTRY V32 PP1673-1674 1967
BY SCHILLING C L JR
MILVANEY J E
DAR ACCESS NO.....014890-002
DOC NUMBER.....AD659903
INSTR...AF-49/634/01421
PROJECT/TASK.....9767/02

AFOSR 67-2423
UNIVERSITY OF ARIZONA
POLYINITIATED SPECIES FROM 1-PHENYLPROPYLENE AND
ORGANOLITHIUM REAGENTS
JOURNAL ORGANIC CHEMISTRY V32 P1674 1967
BY MULVANEY J E
POLK T L
NESTON D J
OAR ACCESS NO.....014890-003
ODC NUMBER.....AD659902
INSTR...AF-AFOSR-0780-68
PROJECT/TASK.....9762/02

AFOSR 67-2424
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FLUX-HOLE MOTION AND THE PEAK EFFECT IN SUPERCONDUCTIVITY
PHYSICS LETTERS V28A N2 PP139-140 J1 JULY 1967
BY MAXWELL E
SCHWARTZ W D
WIZGALL M
OAR ACCESS NO.....007912-030
ODC NUMBER.....AD659908
INSTR...FA4620-07-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-2425
UNIVERSITY OF SOUTHERN CALIFORNIA
NEW APPROXIMATION FOR SCREENED EXCHANGE AND THE DIELECTRIC
CONSTANT OF METALS
PHYS REV V160 N3 PP585-590 18 AUG 1967
BY KLEINMAN L
OAR ACCESS NO.....021270-002
ODC NUMBER.....AD659904
INSTR...AF-AFOSR-1115-66
PROJECT/TASK.....9763/02

AFOSR 67-2426
BROWN UNIVERSITY
SOME EXISTENCE THEOREMS FOR LINEAR OPTIMAL CONTROL PROBLEMS
SIAM J CONTROL V5 N3 PP410-437 1967
BY JACOBS M O
OAR ACCESS NO.....019592-003
ODC NUMBER.....AD659905
INSTR...AF-AFOSR-0633-66
PROJECT/TASK.....9749/01

AFOSR 67-2427
SOUTHERN ILLINOIS UNIVERSITY
THE MODELING ENERGY OF MINERALS POLYMORPHS OF SILICA
ESTUDIOS GEOLOGICOS V27 PP135-141 JUNE 1966
BY AMOHOS J L
OAR ACCESS NO.....018561-002
ODC NUMBER.....AD659906
INSTR...AF-AFOSR-0596-66
PROJECT/TASK.....9761/02

AFOSR 67-2428
UNIVERSITY OF MICHIGAN
A SEMINAR ON GRAPH THEORY
MOLT RINEHART AND WINSTON M Y 1967
BY HARARY F
HEINER L
OAR ACCESS NO.....014961-001
ODC NUMBER.....AD659938
INSTR...AF-AFOSR-0754-07
PROJECT/TASK.....9749/01

AFOSR 67-2429
MELLON INSTITUTE
THERMODYNAMICS WITH INTERNAL STATE VARIABLES
J CHEM PHYS V47 N2 PP597-613 JULY 1967
BY COLEMAN R D
GURTIN M E
OAR ACCESS NO.....015771-005
ODC NUMBER.....AD659986
INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 67-2430
PURDUE UNIVERSITY
ON THE INTERACTION OF A FINITE AMPLITUDE PRESSURE PULSE
WITH A COMBUSTION REGION
SYMPOSIUM CENTENNIAL ON COMBUSTION 11TH BERKELEY CALIF
14-20 AUG 1966 PP739-746 COMBUSTION INST PITTSBURGH 1967
BY OSBORN J R
LEHMANN G M
OAR ACCESS NO.....005872-008
ODC NUMBER.....AD659987
INSTR...AF-AFOSR-0753-65
PROJECT/TASK.....9711/01

AFOSR 67-2431
GENERAL DYNAMICS CORP
INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES
GA-8273 OCT 1967
BY SMITH J M JR
OAR ACCESS NO.....000302-005
ODC NUMBER.....AD660202
INSTR...AF-49/638/01435
PROJECT/TASK.....9763/01

AFOSR 67-2432
UNIVERSITY OF LONDON
ULTRASOUND IN ADULT MICE
NATURE V215 N5100 P512 29 JULY 1967
BY SEWELL G O
OAR ACCESS NO.....017390-002
ODC NUMBER.....AD660141
INSTR...AF-61/052/00876
PROJECT/TASK.....4777/01

AFOSR 67-2433
STANFORD UNIVERSITY
NONUNIFORM ELECTRICAL CONDUCTION IN TWO CHANNELS
ATAA JOURNAL V8 N8 PP1424-1432 AUG 1967
BY OLIVER D A
HITCHNER M
OAR ACCESS NO.....020770-001
ODC NUMBER.....AD660074
INSTR...AF-49/638/01695
PROJECT/TASK.....9752/01

AFOSR 67-2434
INNSBRUCK UNIVERSITY
THE INFLUENCE OF ELECTRICAL RESISTIVITY ON THE TWO
STABILITY OF STATIONARY EQUILIBRIA
SCIENTIFIC REPORT NO 48 AUG 1967
BY FRIEDEL M
OAR ACCESS NO.....013251-006
ODC NUMBER.....AD660091
INSTR...F61052-67-C-0014
PROJECT/TASK.....9752/01

AFOSR 67-2435
INNSBRUCK UNIVERSITY
APPROXIMATIVE SOLUTION OF AN EIGENVALUE PROBLEM OF THE
HELMHOLTZ EQUATION USING LIE SERIES
SCIENTIFIC REPORT NO 50 AUG 1967
BY TINHOFER G
OAR ACCESS NO.....013251-007
ODC NUMBER.....AD660090
INSTR...F61052-67-C-0014
PROJECT/TASK.....9752/01

AFOSR 67-2436
UNIVERSITY OF LONDON
AUDITORY COMMUNICATION /SUMMARY/
PROCEEDINGS ROYAL SOCIETY OF MEDICINE V60 PP767-768
AUGUST 1967
BY PYE J D
ANDREW R
BENCUMPTON W B
WATSON A P
OAR ACCESS NO.....017390-003
ODC NUMBER.....AD659904
INSTR...AF-61/052/00876
PROJECT/TASK.....9777/01

AFOSR 67-2437
COLUMBIA UNIVERSITY
COLLISIONLESS SHOCK WAVE IN A PLASMA
JOURNAL PHYSICAL SOCIETY OF JAPAN V23 N2 PP436-443 AUG 1967
BY HIRU R
HUNG R J
OAR ACCESS NO.....009953-007
ODC NUMBER.....AD660070
INSTR...AF-49/638/01634
PROJECT/TASK.....9752/01

AFOSR 67-2438
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD
DISCONTINUITY RELATIONS AND SHOCK POLARS FOR CONSERVATION
EQUATIONS WITH APPLICATION TO MAGNETOGASDYNAMICS
TAE REPORT NO 57 AUG 1967
BY GEFFEN N
OAR ACCESS NO.....019031-002
ODC NUMBER.....AD660087
INSTR...AF-EDAN -0083-65
PROJECT/TASK.....9752/01

AFOSR 67-2439
COLUMBIA UNIVERSITY
COMPARISON OF OBLIQUE NORMAL AND TRANSVERSE IONIZING SHOCK
WAVES
PHYSICS FLUIDS V10 N6 PP1145-1160 JUNE 1967
BY TAUSSIG R Y
OAR ACCESS NO.....009563-008
ODC NUMBER.....AD659930
INSTR...AF-49/438/01634
PROJECT/TASK.....9752/01

AFOSR 67-2442
TECHNION/ISRAEL INST OF TECH
ON THE STABILITY OF ECCENTRICALLY STIFFENED CYLINDRICAL
SHELLS UNDER AXIAL COMPRESSION
INTERNATIONAL JOURNAL SOLIDS STRUCTURES V3 PP445-470 1967
BY SINGEN J
BARUCH M
HARARI O
OAR ACCESS NO.....001323-013
ODC NUMBER.....AD660446
INSTR...AF-EDAN -0058-63
PROJECT/TASK.....9782/01

AFOSR 67-2443
CALIFORNIA INSTITUTE OF TECHNOLOGY
RAMAN SPECTRUM OF CRYSTALLINE BENZENE
JOURNAL CHEMICAL PHYSICS V46 N12 PP4847-4853 15 JUNE
1967
BY GEL A M
ROBINSON G W
OAR ACCESS NO.....019990-001
ODC NUMBER.....AD660380
INSTR...AF-49/638/01644
PROJECT/TASK.....4760/02

AFOSR 67-2445
UNIVERSITY OF CHICAGO
INTERMEDIATE EXCITONS IN MOLECULAR CRYSTALS A STUDY OF
THE EXCITED STATES OF CRYSTALLINE IODINE
JOURNAL CHEMICAL PHYSICS V47 N2 PP4949-504 15 JULY 1967
BY MILLER I M
RICE S A
OAR ACCESS NO.....015061-009
ODC NUMBER.....AD660303
INSTR...AF-AFOSR-0711-67
PROJECT/TASK.....4760/01

AFOSR 67-2446
UNIVERSITY OF CHICAGO
EQUATION OF STATE OF A MONOTONIC FLUID WITH 0-12 POTENTIAL
DISCUSSIONS OF THE PARADOX SOCIETY NO. 18-28 1967
BY RICE S A
YOUNG D A
DAR ACCESS NO.....015081-010
DOC NUMBER.....A0600306
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-2447
UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION
ON THE STATIC RESPONSE OF ANNEALED ALUMINUM
MIDWESTERN MECHANICS CONF 9TH UNIV WISCONSIN 16-18 AUG
1969 PR57-33B
BY KPNIG H J
DELLON H W JR
DAR ACCESS NO.....008773-007
DOC NUMBER.....A0600386
INSTR...AF-AFOSR-0782-01
PROJECT/TASK.....9782/01

AFOSR 67-2448
CALIFORNIA INSTITUTE OF TECHNOLOGY
LAMINAR BOUNDARY-LAYER SEPARATION AND WAKE FLOW FOR
A SMOOTH BLUNT BODY AT SUPERSONIC AND HYPERSONIC SPEEDS
AIAA JOURNAL V2 NO 0108-1008 JUNE 1967
BY GRANGER J M
KLINGER J M
LFC S L
DAR ACCESS NO.....007503-001
DOC NUMBER.....A0600375
INSTR...AF-AFOSR-0781-02
PROJECT/TASK.....9781/02

AFOSR 67-2449
REED INSTITUTE
REACTION RATE STUDIES OF GASEOUS UNIMOLECULAR
ISOMERIZATIONS FINAL REPORT OCT 1967
BY TAMHOUT F D
DAR ACCESS NO.....012681-001
DOC NUMBER.....A0600391
INSTR...AF-AFOSR-0781-65
PROJECT/TASK.....9780/02

AFOSR 67-2450
STANFORD RESEARCH INSTITUTE
ORGANIZATIONAL DESIGN - AN EXPLORATORY STUDY
MAY 1969 DEC 1967
BY VULNER H M
DAR ACCESS NO.....022810-001
DOC NUMBER.....A0602634
INSTR...AF-AFOSR-0781-02
PROJECT/TASK.....9779/02

AFOSR 67-2451
CASE WESTERN RESERVE UNIVERSITY
TIME-DEPENDENT HYPERSONIC VISCOUS INTERACTIONS
BY BODKIEWICZ C M
HESMOTO F
DAR ACCESS NO.....020340-001
DOC NUMBER.....A0602901
INSTR...AF-AFOSR-0954-65
PROJECT/TASK.....9781/02

AFOSR 67-2452
UNIVERSITY OF CALIFORNIA
DYNAMIC SNAP-THROUGH OF AN ELASTIC IMPERFECT SIMPLE SHALLOW
TRUSS
NO 5 OCT 1967
BY HUANG H L
VANDER H
DAR ACCESS NO.....022770-004
DOC NUMBER.....A0601588
INSTR...AF-AFOSR-1276-67
PROJECT/TASK.....9782/01

AFOSR 67-2453
UNIVERSITY OF CALIFORNIA
SHOCK WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC HALF-
SPACE SUBJECTED TO IMPULSIVE ELECTROMAGNETIC RADIATION
NOV 1967
BY HIGEMIER G A
MORLAND L B
DAR ACCESS NO.....022780-005
DOC NUMBER.....A0601567
INSTR...AF-AFOSR-1276-67
PROJECT/TASK.....9782/01

AFOSR 67-2454
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SELF-CONSISTENT SOLUTION OF NONLINEAR PROBLEMS IN UNSTEADY
RADIATION GASDYNAMICS
NOV 1967
BY FINKELMAN D
DAR ACCESS NO.....001193-009
DOC NUMBER.....A060227H
INSTR...AF-AFOSR-0782-01
PROJECT/TASK.....9781/02

AFOSR 67-2455
NORTH DAKOTA STATE UNIVERSITY
SEX AND AGE AS VARIABLES IN PERSUASIBILITY
THE JOURNAL OF SOCIAL PSYCHOLOGY V73 PP47-52 1967
BY WHITTAKER J C
MEADE R C
DAR ACCESS NO.....016390-005
DOC NUMBER.....A0600391
INSTR...AF-AFOSR-0782-65
PROJECT/TASK.....9779/02

AFOSR 67-2456
NORTH DAKOTA STATE UNIVERSITY
SEX AND AGE AS VARIABLES IN PERSUASIBILITY
THE JOURNAL OF SOCIAL PSYCHOLOGY V73 PP47-52 1967
BY WHITTAKER J C
MEADE R C
DAR ACCESS NO.....016390-005
DOC NUMBER.....A0600391
INSTR...AF-AFOSR-0782-65
PROJECT/TASK.....9779/02

AFOSR 67-2457
UNIVERSITY OF CALIFORNIA
WAVE IDENTITIES UNSUBTRACTED DISPERSION RELATIONS AND
FEYNMAN GRAPHS
PHYS REV V158 NS PP1544-1557 JUN 1967
BY BARDAKCI K
HALPERN M B
SEGRE G
DAR ACCESS NO.....005134-015
DOC NUMBER.....A0600480
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-2457
UNIVERSITY OF CALIFORNIA
WAVE IDENTITIES UNSUBTRACTED DISPERSION RELATIONS AND
FEYNMAN GRAPHS
PHYS REV V158 NS PP1544-1557 JUN 1967
BY BARDAKCI K
HALPERN M B
SEGRE G
DAR ACCESS NO.....005134-018
DOC NUMBER.....A0600480
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-2457
UNIVERSITY OF CALIFORNIA
WAVE IDENTITIES UNSUBTRACTED DISPERSION RELATIONS AND
FEYNMAN GRAPHS
PHYS REV V158 NS PP1544-1557 JUN 1967
BY BARDAKCI K
HALPERN M B
SEGRE G
DAR ACCESS NO.....005134-020
DOC NUMBER.....A0600480
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-2458
UNIVERSITY OF CALIFORNIA
ALGEBRAIC STRUCTURE OF SUPERCONVERGENCE RELATIONS
PHYS REV V159 NS PP1263-1268 25 JUL 1967
BY BARDAKCI K
SEGRE G
DAR ACCESS NO.....005134-016
DOC NUMBER.....A0600480
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-2458
UNIVERSITY OF CALIFORNIA
ALGEBRAIC STRUCTURE OF SUPERCONVERGENCE RELATIONS
PHYS REV V159 NS PP1263-1268 25 JUL 1967
BY BARDAKCI K
SEGRE G
DAR ACCESS NO.....005134-019
DOC NUMBER.....A0600480
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9751/01

AFOSR 67-2459
GENERAL DYNAMICS CORPORATION
FUNDAMENTALS OF GAS-SURFACE INTERACTIONS SYMPOSIUM SAN DIEGO
CALIF 14-16 DEC 1965 NEW YORK ACADEMIC PRESS 1967
FINAL REPORT OCT 1967
NEW YORK ACADEMIC PRESS 1967
BY SALTSBURG H
SMITH J N
RIGERS M
DAR ACCESS NO.....022030-001
DOC NUMBER.....A0600293
INSTR...AF-AFOSR-0781-02
PROJECT/TASK.....9781/02

AFOSR 67-2460
CALIFORNIA INSTITUTE OF TECHNOLOGY
MAGNETOHYDRODYNAMIC FLOW IN A RECTANGULAR DUCT WITH
CONDUCTING ELECTRODES
JOURNAL OF APPLIED MATHEMATICS AND PHYSICS V18 N1 PP92-106
1967
BY CHIANG D
LUNDGREN T S
DAR ACCESS NO.....027720-002
DOC NUMBER.....A0600189
INSTR...AF-33/615/02341
PROJECT/TASK.....9749/01

AFOSR 67-2461
CALIFORNIA INSTITUTE OF TECHNOLOGY
SHOCK STRUCTURE IN A GAS OF RIGID NONCENTRAL PARTICLES
THE PHYSICS OF FLUIDS V10 N4 PP786-798 APRIL 1967
BY HAIGHT C M
LUNDGREN T L
DAR ACCESS NO.....027720-003
DOC NUMBER.....A0600485
INSTR...AF-33/615/02341
PROJECT/TASK.....9749/01

AFOSR 67-2462
CALIFORNIA INSTITUTE OF TECHNOLOGY
DISTRIBUTION FUNCTIONS IN THE STATISTICAL THEORY OF
TURBULENCE
THE PHYSICS OF FLUIDS V10 NS PP969-975 MAY 1967
BY LUNDGREN T S
DAR ACCESS NO.....027720-004
DOC NUMBER.....A0600391
INSTR...AF-33/615/02341
PROJECT/TASK.....9749/01

AFOSR 67-2463
PRINCETON UNIVERSITY
ELECTRONIC STRUCTURE AND GEOMETRY OF HYDROGEN CYANIDE
JOURNAL CHEMICAL PHYSICS V46 N3 PP1797-1803 1 MAR 1967
BY PAN D C
ALLEN L C
OAR ACCESS NO.....020130-001
DOC NUMBER.....AD660459
INSTR...AF-49/638/01625
PROJECT/TASK.....9760/01

AFOSR 67-2473
VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH
MOSSBAUER EFFECT SPECTRA OF A SUPPORTED IRON CATALYST
JOURNAL CATALYSIS V8 N3 PP294-298 JULY 1967
BY HUNSON M C JR
CAMPELL A D
OAR ACCESS NO.....019210-003
DOC NUMBER.....AD660307
INSTR...AF-AFOSR-0736-65
PROJECT/TASK.....9760/03

AFOSR 67-2464
PRINCETON UNIVERSITY
GEOMETRY OF MOLECULES III OXYGEN DIFLUORIDE LITHIUM
DIOXIDE HYDROGEN HYDROFLUORITE LITHIUM HYDROXIDE
JOURNAL CHEMICAL PHYSICS V45 N10 PP3682-3700 15 NOV 1966
BY HUENKER W J
PEYERIMHOFF S D
OAR ACCESS NO.....020130-002
DOC NUMBER.....AD660460
INSTR...AF-49/638/01625
PROJECT/TASK.....9760/01

AFOSR 67-2474
ORION UNIVERSITY
EXTENDED DYNAMICAL SYSTEMS AND STABILITY THEORY
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES USA V58 N2
PP405-409 AUG 1967
BY HALE J K
INFANTE E F
OAR ACCESS NO.....019593-001
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 67-2465
PRINCETON UNIVERSITY
EXTENDED HUCKEL THEORY AND THE SHAPE OF MOLECULES
JOURNAL CHEMICAL PHYSICS V46 N3 PP1029-1037 1 FEB 1967
BY ALLEN L C
RUSSELL J D
OAR ACCESS NO.....020130-003
DOC NUMBER.....AD660464
INSTR...AF-49/638/01625
PROJECT/TASK.....9760/01

AFOSR 67-2474
ORION UNIVERSITY
EXTENDED DYNAMICAL SYSTEMS AND STABILITY THEORY
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES USA V58 N2
PP405-409 AUG 1967
BY HALE J K
INFANTE E F
OAR ACCESS NO.....019593-002
DOC NUMBER.....AD660294
INSTR...AF-AFOSR-0653-67
PROJECT/TASK.....9749/01

AFOSR 67-2466
PRINCETON UNIVERSITY
ORIGIN OF ROTATIONAL BARRIERS II METHYLAMINE AND IMPROVED
WAVEFUNCTIONS FOR HYDROGEN PEROXIDE
JOURNAL CHEMICAL PHYSICS V46 N6 PP2176-2204 15 MAR 1967
BY FINK W H
ALLEN L C
OAR ACCESS NO.....020130-004
DOC NUMBER.....AD660460
INSTR...AF-49/638/01625
PROJECT/TASK.....9760/01

AFOSR 67-2475
UNIVERSITY OF WISCONSIN
SURFACE LATTICE DYNAMICS OF SILVER II LOW-ENERGY ELECTRON
THERMAL DIFFUSE SCATTERING
PHYSICAL REVIEW V160 N3 PP523-530 15 AUGUST 1967
BY MCKINNEY J T
JONES E R
WENH M B
OAR ACCESS NO.....012601-002
DOC NUMBER.....AD660313
INSTR...AF-AFOSR-0081-66
PROJECT/TASK.....9761/03

AFOSR 67-2467
PRINCETON UNIVERSITY
GEOMETRY OF MOLECULES I WAVEFUNCTIONS FOR SOME SIX-AND
EIGHT-ELECTRON POLYHYDROGENS
JOURNAL CHEMICAL PHYSICS V45 N2 PP734-749 15 JULY 1966
BY PEYERIMHOFF S D
HUENKER R J
ALLEN L C
OAR ACCESS NO.....020130-005
DOC NUMBER.....AD660460
INSTR...AF-49/638/01625
PROJECT/TASK.....9760/01

AFOSR 67-2476
UNIVERSITY OF CALIFORNIA
A THEOREM ON MARK WITH APPLICATIONS TO MAPPINGS ON
SYMMETRY CLASSES OF TENSORS
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V73 N5 PP675
-677 SEPTEMBER 1967
BY MARCUS M
OAR ACCESS NO.....014931-003
DOC NUMBER.....AD660298
INSTR...AF-AFOSR-0698-67
PROJECT/TASK.....9749/01

AFOSR 67-2468
PRINCETON UNIVERSITY
GEOMETRY OF MOLECULES II DIETHANE AND ETHANE
JOURNAL CHEMICAL PHYSICS V45 N4 PP2037-2047 15 OCT 1966
BY HUENKER R J
ALLEN L C
WHITTEN J L
OAR ACCESS NO.....020130-006
DOC NUMBER.....AD660462
INSTR...AF-49/638/01625
PROJECT/TASK.....9760/01

AFOSR 67-2477
HUGHES RESEARCH LABORATORIES
INTERACTION OF COHERENT LIGHT WITH SOLIDS AND WITH
TURBULENT ATMOSPHERES FINAL REPORT OCT 1967
BY SHOWN W P JR
GIULIANO C R
OAR ACCESS NO.....015101-002
DOC NUMBER.....AD660589
INSTR...AF-49/638/01607
PROJECT/TASK.....9760/02

AFOSR 67-2469
PRINCETON UNIVERSITY
ORBITAL WAVEFUNCTIONS FOR ETHANE METHYL ALCOHOL AND
HYDROGEN PEROXIDE
JOURNAL CHEMICAL PHYSICS V46 N6 PP2201-2275 15 MAR 1967
BY FINK W H
ALLEN L C
OAR ACCESS NO.....020130-007
DOC NUMBER.....AD660467
INSTR...AF-49/638/01625
PROJECT/TASK.....9760/01

AFOSR 67-2478
MCMASTER UNIVERSITY
A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE RE ACTIONS
IN THE SYSTEM BORON TRIFLUORIDE-METHANOL A MODIFIED
INTERPRETATION
CANADIAN JOURNAL OF CHEMISTRY V45 PP2243-2246 1967
BY GILLESPIE M J
HARTMAN J S
OAR ACCESS NO.....021030-002
INSTR...AF-AFOSR-1127-66
PROJECT/TASK.....9710/01

AFOSR 67-2470
PRINCETON UNIVERSITY
NUMERICAL TEST OF THE INTEGRAL HELLMANN-FEYNMAN THEOREM
JOURNAL CHEMICAL PHYSICS V46 N8 PP3270-3271 15 APR 1967
BY FINK W H
ALLEN L C
OAR ACCESS NO.....020130-008
DOC NUMBER.....AD660478
INSTR...AF-49/638/01625
PROJECT/TASK.....9760/01

AFOSR 67-2478
MCMASTER UNIVERSITY
A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE RE ACTIONS
IN THE SYSTEM BORON TRIFLUORIDE-METHANOL A MODIFIED
INTERPRETATION
CANADIAN JOURNAL OF CHEMISTRY V45 PP2243-2246 1967
BY GILLESPIE R J
HARTMAN J S
OAR ACCESS NO.....021030-003
DOC NUMBER.....AD660484
INSTR...AF-AFOSR-1127-66
PROJECT/TASK.....9710/01

AFOSR 67-2471
PRINCETON UNIVERSITY
A NEW APPROACH TO MANY-ELECTRON THEORY AT INTERMEDIATE
DENSITIES
QUANTUM THEORY OF ATOMS MOLECULES SOLID STATE ACADEMIC
PRESS NEW YORK PP39-80 1966
BY ALLEN L C
OAR ACCESS NO.....020130-009
DOC NUMBER.....AD660393
INSTR...AF-49/638/01625
PROJECT/TASK.....9760/01

AFOSR 67-2479
UNIVERSITY OF CHICAGO
ROTATING FLUID MASSES
ANN REV ASTRON AND ASTROPHYS ANNUAL REVIEWS INC PALO ALTO
CALIF V5 PP465-480
BY LE NOVIZ N R
OAR ACCESS NO.....009922-001
DOC NUMBER.....AD660295
INSTR...AF-AFOSR-0712-67
PROJECT/TASK.....9749/01

AFOSR 67-2472
VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH
MOSSBAUER EFFECT SPECTRA OF AMMONIA ADSORPTION ON A
SUPPORTED IRON CATALYST
NATURE V214 NS087 PP79-80 1 APR 1967
BY HUNSON M C JR
OAR ACCESS NO.....015210-002
INSTR...AF-AFOSR-0736-65
PROJECT/TASK.....9760/03

AFOSR 67-2480
MICHIGAN STATE UNIVERSITY
MAGNETIC EFFECTS IN NICKEL THIOUREA DI-10010E
JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN V23 N2 PP229-232
AUGUST 1967
BY FOMSTAT M
LOVE N D
MCLEARNNEY J N
DAR ACCESS NO.....008432-001
INSTN...AF-AFOSR-0430-57
PROJECT/TASK.....9763/03

AFOSR 67-2480
MICHIGAN STATE UNIVERSITY
MAGNETIC EFFECTS IN NICKEL THIOUREA DI-10010E
JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN V23 N2 PP229-232
AUGUST 1967
BY FOMSTAT M
LOVE N D
MCLEARNNEY J N
DAR ACCESS NO.....008432-002
DOC NUMBER.....A0860296
INSTN...AF-AFOSR-0430-67
PROJECT/TASK.....9763/03

AFOSR 67-2481
GENERAL ELECTRIC COMPANY
BLOWING OF CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS
AIAA JOURNAL V5 N9 PP1889-1890 1967
BY SHERMAN A
YEH H
DAR ACCESS NO.....019631-002
DOC NUMBER.....A0854461
INSTN...AF-AFOSR-0430-0109
PROJECT/TASK.....9762/01

AFOSR 67-2481
PRINCETON UNIVERSITY
CHEMICAL SHIFT NON-EQUIVALENCE OF DIATHEMOTROPIC PROTONS
DUE TO RESTRICTED ROTATION AROUND AMYL-KITRONEN BONDS IN
SUBSTITUTED AMIDES
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N19 PP4910-4917 13
SEP 1967
BY SHU Y
TAYLOR E C
MISLOW K
DARAN M
DAR ACCESS NO.....022000-006
DOC NUMBER.....A0860486
INSTN...AF-AFOSR-1184-67
PROJECT/TASK.....9762/01

AFOSR 67-2484
AFOSPACE RESEARCH ASSOCIATES INC
RESEARCH ON ENERGY ABSORBING STRUCTURES PART V
AFR REPORT NO RR NANCY 1967
BY HAZELSKY M
LIN T H
LIN S H
DAR ACCESS NO.....011101-002
DOC NUMBER.....A0863434
INSTN...AF-AFOSR-0430-01521
PROJECT/TASK.....9762/01

AFOSR 67-2485
UNIVERSITY OF TEXAS
THE CRYSTAL CHEMISTRY OF SELECTED ADSORBED WATER EARTH
COMPOUNDS WITH SULFUR TELLURIUM AND ANTIMONY
INORGANIC CHEMISTRY V6 N4 PP1645-1652 SEP 1967
BY WANG R
STEINFINK M
DAR ACCESS NO.....010751-008
DOC NUMBER.....A0860485
INSTN...AF-AFOSR-0430-05
PROJECT/TASK.....9761/02

AFOSR 67-2486
UNIVERSITY OF CALIFORNIA
THERMAL CONDUCTIVITY OF PURE TYPE-II SUPERCONDUCTORS IN
HIGH MAGNETIC FIELDS
THE PHYSICAL REVIEW V154 N2 PP397-399 10 JUNE 1967
BY MAKI K
DAR ACCESS NO.....008461-037
INSTN...AF-AFOSR-0610-14
PROJECT/TASK.....9761/01

AFOSR 67-2486
UNIVERSITY OF CALIFORNIA
THERMAL CONDUCTIVITY OF PURE TYPE-II SUPERCONDUCTORS IN
HIGH MAGNETIC FIELDS
THE PHYSICAL REVIEW V154 N2 PP397-399 10 JUNE 1967
BY MAKI K
DAR ACCESS NO.....008461-040
DOC NUMBER.....A0860483
INSTN...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-2487
UNIVERSITY OF CALIFORNIA
FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II
SUPERCONDUCTORS I DIRTY LIMIT
THE PHYSICAL REVIEW V154 N2 PP316-326 10 JULY 1967
BY CAROLI C
MAKI K
DAR ACCESS NO.....008461-018
INSTN...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-2487
UNIVERSITY OF CALIFORNIA
FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II
SUPERCONDUCTORS I DIRTY LIMIT
THE PHYSICAL REVIEW V154 N2 PP316-326 10 JULY 1967
BY CAROLI C
MAKI K
DAR ACCESS NO.....008461-041
DOC NUMBER.....A0860482
INSTN...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-2488
UNIVERSITY OF CALIFORNIA
FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II
SUPERCONDUCTORS I DIRTY LIMIT
THE PHYSICAL REVIEW V154 N2 PP316-315 10 JULY 1967
BY CAROLI C
MAKI K
DAR ACCESS NO.....008461-039
INSTN...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-2488
UNIVERSITY OF CALIFORNIA
FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II
SUPERCONDUCTORS I DIRTY LIMIT
THE PHYSICAL REVIEW V154 N2 PP316-315 10 JULY 1967
BY CAROLI C
MAKI K
DAR ACCESS NO.....008461-042
DOC NUMBER.....A0860481
INSTN...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 67-2489
SOUTHERN ILLINOIS UNIVERSITY
ON THE SIGNIFICANCE OF TWO NEW PATTERSON FUNCTIONS FOR
DISORDERED CRYSTALS
ZEITSCHRIFT FUR KRISTALLOGRAPHIE V124 4/5 PP261-261 1967
BY ANDRUS M C
DAR ACCESS NO.....016270-001
DOC NUMBER.....A0860297
INSTN...AF-AFOSR-0632-65
PROJECT/TASK.....9761/02

AFOSR 67-2491
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MALONETHYL-METAL COMPOUNDS XIV THE MECHANISM OF THE
PHENYL /DIPHENYLCHLOROMETHYL/ MERCURY-OLEFIN REACTION
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N10 PP4953-4959 13
SEP 1967
BY SCYFENTH D
PUT MUE J V
HURLITCH J M
DAR ACCESS NO.....014231-019
DOC NUMBER.....A0860302
INSTN...AF-AFOSR-0502-66
PROJECT/TASK.....9762/02

AFOSR 67-2492
FLORIDA ATLANTIC UNIVERSITY
ANCHOR EFFECT LIMITS
PSYCHONOMIC SCIENCE V9 N4 PP179-180 1967
BY ADAMSUN R E
DAR ACCESS NO.....021890-001
DOC NUMBER.....A0860487
INSTN...AF-AFOSR-1163-66
PROJECT/TASK.....9778/01

AFOSR 67-2493
UNIVERSITY OF COLORADO
METHODS OF VALIDATION OF JUDGMENTS IN DECISION MAKING
FINAL REPORT AUG 1967
BY ROSE E
DAR ACCESS NO.....011142-001
INSTN...AF-AFOSR-0479-64
PROJECT/TASK.....9779/02

AFOSR 67-2494
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
INDIVIDUAL PERFORMANCE AND SELF-EVALUATION AS A FUNCTION
OF LEVEL OF TEAM OUTPUT FINAL REPORT SEPT 1967
BY JOHNSTON V A
HOWELL R C
DAR ACCESS NO.....019851-001
DOC NUMBER.....A0860593
INSTN...AF-AFOSR-0985-67
PROJECT/TASK.....9778/02

AFOSR 67-2495
STANFORD RESEARCH INSTITUTE
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION
TRANSIENTS
SRI PROJECT NO RCU 4918 NOV 1967
BY HANSMAN G A
WOLDRIDGE C E
DAR ACCESS NO.....008433-007
DOC NUMBER.....A0861575
INSTN...AF-AFOSR-0430-01665
PROJECT/TASK.....9713/01

AFOSR 67-2496
UNIVERSITY OF TEXAS
PLASMA HEATING AND WAVE PROPAGATION AT HARMONICS OF THE ION
CYCLotron FREQUENCY
EUROPEAN CONFERENCE ON CONTROLLED FUSION AND PLASMA
PHYSICS 2ND ED M KRISTIANSEN STOCKHOLM SWEDEN 14-17 AUG
1967
BY KRISTIANSEN M
DOUGAL A A
DAR ACCESS NO.....015247-035
INSTN...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 67-2497
UNIVERSITY OF TEXAS
BREATHING MECHANISMS FOR LASER-INDUCED DISCHARGES IN SUPER-
HIGH PRESSURE GASES
INTERNATIONAL CONFERENCE ON PHENOMENA IN IONIZED GASES
8TH ED AA ORODAL VILPNA AUSTRIA 27 AUG - 2 SEP 1967
BY DOUGAL A A
GILL D M
DAR ACCESS NO.....013242-036
DDC NUMBER.....AD600587
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 67-2498
UNIVERSITY OF TEXAS
ON THE STABILITY CONSTRAINTS AND OSCILLATORY BEHAVIOR OF
COUPLED SYSTEMS
HIGHEST SYMPOSIUM ON CIRCUIT THEORY 10TH ED JK AGGARWAL
PURDUE UNIV IND 18-19 MAY 1967
BY AGGARWAL J K
MYER H M
DAR ACCESS NO.....013240-018
DDC NUMBER.....AD600594
INSTR...AF-AFOSR-0766-68
PROJECT/TASK.....4751/00

AFOSR 67-2499
RICE UNIVERSITY
THEORETICAL NUCLEAR ASTROPHYSICS FINAL REPORT OCT 1967
BY CLAYTON D D
DAR ACCESS NO.....016560-004
DDC NUMBER.....AD622167
INSTR...AF-AFOSR-0895-65
PROJECT/TASK.....9751/02

AFOSR 67-2501
HARVARD UNIVERSITY
ALL POSSIBLE SYMMETRIES OF THE J MATRIX
PHYS REV V190 N5 PP1251-1254 25 JULY 1967
BY GILLMAN D S
MANIULA J
DAR ACCESS NO.....004861-040
DDC NUMBER.....AD600474
INSTR...AF-AFOSR-01380
PROJECT/TASK.....9751/01

AFOSR 67-2503
BRANDEIS UNIVERSITY
STATIONARY EMPTY SPACES ENERGY AND EUCLIDEAN BEHAVIOR
/FRENCH/
COMPT REND ACAD SCI PARIS V268A PP405-408 3 MAY 1967
BY OESER S
DAR ACCESS NO.....005154-002
INSTR...AF-AFOSR-0363-67
PROJECT/TASK.....9767/04

AFOSR 67-2503
BRANDEIS UNIVERSITY
STATIONARY EMPTY SPACES ENERGY AND EUCLIDEAN BEHAVIOR
/FRENCH/
COMPT REND ACAD SCI PARIS V268A PP405-408 3 MAY 1967
BY OESER S
DAR ACCESS NO.....005154-003
DDC NUMBER.....AD600491
INSTR...AF-AFOSR-0368-67
PROJECT/TASK.....9767/04

AFOSR 67-2504
UNIVERSITY OF SOUTHERN CALIFORNIA
RESEARCH IN THEORETICAL SOLID STATE PHYSICS FINAL REPORT
OCT 1967
BY KLEINMAN L
DAR ACCESS NO.....021270-003
DDC NUMBER.....AD622154
INSTR...AF-AFOSR-1115-66
PROJECT/TASK.....9763/02

AFOSR 67-2505
UNIVERSITY OF OKLAHOMA
GENERALIZED GREENS MATRICES FOR TWO-POINT BOUNDARY PROBLEMS
SIAM JOURNAL OF APPLIED MATHEMATICS V15 N4 PP856-870 JULY
1967
BY RUDOLPH T
DAR ACCESS NO.....004213-003
INSTR...AF-AFOSR-0749-65
PROJECT/TASK.....9749/02

AFOSR 67-2505
UNIVERSITY OF OKLAHOMA
GENERALIZED GREENS MATRICES FOR TWO-POINT BOUNDARY PROBLEMS
SIAM JOURNAL OF APPLIED MATHEMATICS V15 N4 PP855-870
JULY 1967
BY RUDOLPH T
DAR ACCESS NO.....004213-004
DDC NUMBER.....AD600488
INSTR...AF-AFOSR-0749-65
PROJECT/TASK.....9749/02

AFOSR 67-2506
HUMPHREY UNIVERSITY
LOCAL WEIGHTS WHICH DETERMINE AREA AND THE ISING MODEL
JOURNAL OF MATHEMATICAL PHYSICS V4 N3 PP104-105 MARCH 1967
BY BARTLE G
DAR ACCESS NO.....020400-002
DDC NUMBER.....AD600497
INSTR...AF-AFOSR-0255-65
PROJECT/TASK.....9749/02

AFOSR 67-2507
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CONVERGENCE OF FINITE ELEMENT METHOD IN SOLVING LINEAR
ELASTIC PROBLEMS
INTERNATIONAL JOURNAL SOLIDS STRUCTURES V3 PP865-879 1967
BY TONG P
PIAN T H M
INSTR...AF-AFOSR-0347-65
PROJECT/TASK.....9782/01

AFOSR 67-2507
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CONVERGENCE OF FINITE ELEMENT METHOD IN SOLVING
LINEAR ELASTIC PROBLEMS
INTERNATIONAL JOURNAL SOLIDS STRUCTURES V3 PP865-879 1967
BY TONG P
PIAN T H M
DAR ACCESS NO.....008084-008
DDC NUMBER.....AD600479
INSTR...AF-AFOSR-0347-65
PROJECT/TASK.....9782/01

AFOSR 67-2508
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
BUCKLING OF RADIALLY CONSTRAINED CIRCULAR RING UNDER
DISTRIBUTED LOADING
INTERNATIONAL JOURNAL SOLIDS STRUCTURES V3 PP715-730 1967
BY PIAN T H M
HUCCIAICELLI L L JR
DAR ACCESS NO.....008084-004
INSTR...AF-AFOSR-0347-65
PROJECT/TASK.....9782/01

AFOSR 67-2508
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
BUCKLING OF RADIALLY CONSTRAINED CIRCULAR RING UNDER
DISTRIBUTED LOADING
INTERNATIONAL JOURNAL SOLIDS STRUCTURES V3 PP715-730 1967
BY PIAN T H M
HUCCIAICELLI L L JR
DAR ACCESS NO.....008084-006
DDC NUMBER.....AD600480
INSTR...AF-AFOSR-0347-65
PROJECT/TASK.....9782/01

AFOSR 67-2509
UNIVERSITY OF CHICAGO
THEORY OF HOT ELECTRONS IN GASES LIQUIDS AND SOLIDS
THE PHYSICAL REVIEW V158 N2 PP303-309 10 JUNE 1967
BY COMEN M H
LENER J
DAR ACCESS NO.....015061-011
DDC NUMBER.....AD600489
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 67-2511
UNIVERSITY OF CALIFORNIA
ON THE RESPONSE OF SHALLOW THIN SHELLS TO RANDOM
EXCITATIONS
NC 6 NOV 1967
BY NEMAT-NASSEN S
DAR ACCESS NO.....022730-006
DDC NUMBER.....AD601972
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9782/01

AFOSR 67-2512
CALIFORNIA INSTITUTE OF TECHNOLOGY
AFOSR PROGRAM ON LIQUID STRUCTURES FINAL REPORT OCT 1967
BY PINGS C J
DAR ACCESS NO.....014610-022
DDC NUMBER.....AD600684
INSTR...AF-AFOSR-01273
PROJECT/TASK.....9710/03

AFOSR 67-2513
STANFORD UNIVERSITY
ANALYSIS OF THE SKELETAL CONFIGURATION OF CRYSTALLINE HEN
EGG-WHITE LYSOZYME
PROCEEDINGS NATIONAL ACADEMY OF SCIENCES USA V53 N2 PP428
-435 AUG 1967
BY HWANT D A
SCHIMMEL P H
DAR ACCESS NO.....010391-031
DDC NUMBER.....AD600681
INSTR...AF-AFOSR-01341
PROJECT/TASK.....9760/03

AFOSR 67-2514
UNIVERSITY OF FLORIDA
THERMAL EQUILIBRIUM IN TURBULEN FUSION FLAMES
JOURNAL QUANTUM SPECTROSCOPY RADIATION TRANSFER V7
PP703-713 1967
BY UE GALAN L
WINEFROUNER J D
DAR ACCESS NO.....020431-002
DDC NUMBER.....AD600686
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 67-2515
COLUMBIA UNIVERSITY
PHOTOCHEMICAL REACTIVITY
JOURNAL CHEMICAL EDUCATION V44 N9 PP536-537 SEP 1967
BY TURRO N J
DAR ACCESS NO.....014900-004
DDC NUMBER.....AD600687
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 67-2516
CARNEGIE-MELLON UNIVERSITY
SOL - 20
22 APRIL 1965
BY HANSEN G J
OAR ACCESS NO.....022900-021
DDC NUMBER.....AD660085
INSTR...50 -146
PROJECT/TASK.....9718/00

AFOSR 67-2517
CARNEGIE-MELLON UNIVERSITY
NEW PROOFS OF OLD THEOREMS IN LOGIC AND FORMAL
LINGUISTICS
NOVEMBER 1966
BY FLOYD H W
OAR ACCESS NO.....022900-022
DDC NUMBER.....AD660086
INSTR...50 -146
PROJECT/TASK.....9718/00

AFOSR 67-2518
CARNEGIE-MELLON UNIVERSITY
SCADS A PROGRAMMING SYSTEM FOR THE SIMULATION OF COMBINED
ANALOG DIGITAL SYSTEMS
MARCH 1964
BY STAUFFS J C
GILBERT W L
OAR ACCESS NO.....022900-023
DDC NUMBER.....AD660087
INSTR...50 -146
PROJECT/TASK.....9718/00

AFOSR 67-2519
ARCTIC INSTITUTE OF NORTH AMERICA
TIME DOMAIN STUDIES OF SHORT PERIOD TELESEISMIC P PHASES
FINAL REPORT SEPT 1967
BY JASHAM P W
OAR ACCESS NO.....011982-001
DDC NUMBER.....AD670191
INSTR...AF-AFOSH-0702-67
PROJECT/TASK.....8652/00

AFOSR 67-2520
BOSTON UNIVERSITY
ELECTROMAGNETIC PROPERTIES OF MESONS IN THE QUARK MODEL
NUCLEAR PHYSICS 02 N2 PP307-315 15 JUN 67
BY ISHIDA S
KUNNO K
ROMAN P
SHIMODA H
OAR ACCESS NO.....011362-017
DDC NUMBER.....AD660671
INSTR...AF-AFOSH-0385-65
PROJECT/TASK.....9751/01

AFOSR 67-2521
HARVARD UNIVERSITY
SIMPLE FORMULA FOR THE DRELL-WALYCKA FORM FACTORS IN
QUASI-ELASTIC ELECTRODYNAMIC PROCESSES
THE PHYSICAL REVIEW 157 N6 PP871-873 20 MAY 1967
BY HENNY G R
OAR ACCESS NO.....004961-041
DDC NUMBER.....AD660087
INSTR...AF-09/638/01380
PROJECT/TASK.....9751/01

AFOSR 67-2522
RICE UNIVERSITY
MICROWAVE RADIATION OF SINGLY CHARGED HELIUM 3 FROM M II
REGIONS
ASTROPHYSICAL J 144 PP15-22 JULY 1967
BY GOLDWIRE H C JR
GROSS W M
OAR ACCESS NO.....016560-005
INSTR...AF-AFOSH-0855-65
PROJECT/TASK.....9751/02

AFOSR 67-2522
RICE UNIVERSITY
MICROWAVE RADIATION OF SINGLY CHARGED HELIUM 3 FROM M II
REGIONS
ASTROPHYSICAL J 144 PP15-22 JULY 1967
BY GOLDWIRE H C JR
GROSS W M
OAR ACCESS NO.....016560-009
DDC NUMBER.....AD660069
INSTR...AF-AFOSH-0855-65
PROJECT/TASK.....9751/02

AFOSR 67-2523
RICE UNIVERSITY
TERMINATION OF THE S-PROCESS
ASTROPHYSICAL J 140 PP64-85 APR 1967
BY CLAYTON D D
RASSBAUGH M E
OAR ACCESS NO.....016560-006
INSTR...AF-AFOSH-0855-65
PROJECT/TASK.....9751/02

AFOSR 67-2523
STANFORD UNIVERSITY
POLYMERIZATION OF 2,4-DIPHENYLPENTANE AN OLIGOMER OF
POLYSTYRENE
JOURNAL AMERICAN CHEMICAL SOCIETY 89 PP4807-4808 1967
BY WILLIAMS A D
BRAUNAN J I
NELSON N J
FLORY P J
OAR ACCESS NO.....010301-032
DDC NUMBER.....AD660083
INSTR...AF-09/638/01381
PROJECT/TASK.....9760/03

AFOSR 67-2524
BRANDEIS UNIVERSITY
THE SIGN OF THE GRAVITATIONAL FORCE
ANNALS OF PHYSICS V43 N3 PP436-451 JUL 1967
BY OCSEK S
PIRANI F A E
OAR ACCESS NO.....006153-007
INSTR...AF-AFOSH-0368-65
PROJECT/TASK.....9767/06

AFOSR 67-2524
BRANDEIS UNIVERSITY
THE SIGN OF THE GRAVITATIONAL FORCE
ANNALS OF PHYSICS V43 N3 PP436-451 JUL 1967
BY OCSEK S
PIRANI F A E
OAR ACCESS NO.....006153-008
DDC NUMBER.....AD660070
INSTR...AF-AFOSH-0368-65
PROJECT/TASK.....9767/06

AFOSR 67-2525
HARVARD UNIVERSITY
SOURCES AND ELECTRODYNAMICS
PHYSICAL REVIEW 158 N5 PP1391-1407 25 JUN 1967
BY SCHWINGER J
OAR ACCESS NO.....004861-048
DDC NUMBER.....AD660090
INSTR...AF-09/638/01380
PROJECT/TASK.....9751/01

AFOSR 67-2526
UNIVERSITY OF CHICAGO
MEASUREMENT OF PRIMARY AND ALBEDO COSMIC RAYS ON A POLAR
ORBITING SATELLITE
PLANET SPACE SCI 15 N7 PP1169-1180 JULY 1967
BY MUHAYAMA T
OAR ACCESS NO.....000679-009
DDC NUMBER.....AD660076
INSTR...AF-09/638/01642
PROJECT/TASK.....9751/04

AFOSR 67-2527
UNIVERSITY OF CHICAGO
A SEARCH FOR ALPHA PARTICLES TRAPPED IN THE GEOMAGNETIC
FIELD
JOURNAL OF GEOPHYSICAL RESEARCH 72 N15 PP3885-3894 1 AUG
1967
BY FENTON K H
OAR ACCESS NO.....000629-010
DDC NUMBER.....AD660077
INSTR...AF-09/638/01642
PROJECT/TASK.....9751/04

AFOSR 67-2528
UNIVERSITY OF ILLINOIS
LASER STUDIES IN THE 100 TO 1000 MICRON RANGE FINAL
REPORT SEPT 1967
BY COLEMAN P O
OAR ACCESS NO.....016982-001
DDC NUMBER.....AD661120
INSTR...AF-AFOSH-1147-66
PROJECT/TASK.....9768/02

AFOSR 67-2530
INSTITUTIONAL DE TECNICA AERONAUTICA
COMPILATION OF ABSTRACTS-4TH AFOSR COMBINED CONTRACTS
MEETING ON COMBUSTION DYNAMICS RESEARCH
AFOSR COMBINED CONTRACTS MEETING ON COMBUSTION DYNAMICS
RESEARCH 4TH MADRID SPAIN 8-12 JUL 1968
BY COLEMAN P O
OAR ACCESS NO.....013600-001
DDC NUMBER.....AD670060
INSTR...AF-EUAR -0027-68
PROJECT/TASK.....9711/01

AFOSR 67-2531
UNIVERSITY OF BERGEN
ON THE COMPLEXITY OF X-RAY AND OPTICAL PULSATONS IN AUROSAS
J OF GEOPHYSICAL RESEARCH 72 N13 PP3504-3506 1 JUL 1967
BY ROSENBERG T J
AJORDAL J
KVIFTE G J
OAR ACCESS NO.....017170-002
DDC NUMBER.....AD660048
INSTR...AF-01/052/00869
PROJECT/TASK.....9751/04

AFOSR 67-2534
CARNEGIE-MELLON UNIVERSITY
MORPHOLOGY OF THE NEVADA CATTLEBRANDS AND THEIR BLAZONS
PART TWO
BY WATT W C
OAR ACCESS NO.....022900-024
DDC NUMBER.....AD660088
INSTR...50 -146
PROJECT/TASK.....9718/00

AFOSR 67-2535
UNIVERSITA DEGLI STUDI DI PISA
ANALYSIS OF POLARIZED LIGHT IN WOLF-SPIDERS
INTERNATIONAL PROCEEDINGS ON THE FUNCTIONAL ORGANIZATION
OF THE COMPOUND EYE STOCKHOLM SWEDEN 25-27 OCTOBER 1965
PP171-186 1966
BY MAGNIF
DAR ACCESS NO.....000726-009
INSTR...AF-EDAR-0037-66
PROJECT/TASK.....9777/01

AFOSR 67-2536
UNIVERSITA DEGLI STUDI DI PISA
ANALYSIS OF POLARIZED LIGHT IN WOLF-SPIDERS
INTERNATIONAL PROCEEDINGS ON THE FUNCTIONAL
ORGANIZATION OF THE COMPOUND EYE STOCKHOLM SWEDEN 25-27
OCTOBER 1965 PP171-186 1966
BY MAGNIF
DAR ACCESS NO.....000726-010
DOC NUMBER.....AD660720
INSTR...AF-EDAR-0037-66
PROJECT/TASK.....9777/01

AFOSR 67-2537
UNIVERSITY OF PISA
BINOCULAR RECIPROCAL INTERACTION UPON FIBER ENDINGS IN THE
LATERAL GENICULATE NUCLEUS OF THE CAT
BRAIN RESEARCH V2 PP188-192 1966
BY MARCHIAFAVA P L
DAR ACCESS NO.....019640-004
DOC NUMBER.....AD660720
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2538
UNIVERSITY OF PISA
SPATIAL AND TEMPORAL ORGANIZATION IN RETINAL UNITS
CYBERNETIX V3 N4 PP196-202 NOVEMBER 1966
BY GESTRI G
MAFFEI L
PETRACCHI D
DAR ACCESS NO.....019640-005
DOC NUMBER.....AD660723
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2539
UNIVERSITY OF PISA
THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL
GENICULATE NUCLEUS AFTER STIMULATION OF VISUAL CORTIX
ARCHIVES ITALIENNES DE BIOLOGIE V105 PP104-117 1967
BY ANGEL A
MAGNIF
STRATA P
DAR ACCESS NO.....019640-006
DOC NUMBER.....AD660723
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2540
UNIVERSITY OF PISA
STATISTICAL DEPENDENCY OF EVENTS IN NEIGHBORING RETINAL
UNITS
BRAIN RESEARCH V2 PP397-398 1966
BY GESTRI G
MAFFEI L
PETRACCHI D
DAR ACCESS NO.....019640-007
DOC NUMBER.....AD660721
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2541
UNIVERSITY OF PISA
A NEURAL COMPONENT IN DARK ADAPTATION
ARCHIVES ITALIENNES DE BIOLOGIE V105 N2 PP201-208 1967
BY MAFFEI L
PUPPELLE H E
DAR ACCESS NO.....019640-008
DOC NUMBER.....AD660741
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2542
UNIVERSITY OF PISA
RETINAL RESPONSES WITH DIFFERENT BACKGROUND LIGHT AND
PSYCHOPHYSICAL CORRELATION
ARCHIVES ITALIENNES DE BIOLOGIE V106 N2 PP189-200 1967
BY PUPPELLE R F
MAFFEI L
DAR ACCESS NO.....019640-009
DOC NUMBER.....AD660742
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2543
UNIVERSITY OF PISA
TRANSFER PROPERTIES OF THE LATERAL GENICULATE BODY
JOURNAL NEUROPHYSIOLOGY V10 PP331-340 1967
BY MAFFEI L
RIZZOLA TI G
DAR ACCESS NO.....019640-010
DOC NUMBER.....AD660743
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2544
UNIVERSITY OF PISA
RELATIONSHIP BETWEEN CORTICAL ACTIVITY AND THE EXCITABILITY
OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE BODY
BRAIN RESEARCH V5 PP501-503 1967
BY ANGEL A
STRATA P
DAR ACCESS NO.....019640-011
DOC NUMBER.....AD660764
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2545
UNIVERSITY OF PISA
ELECTROPHYSIOLOGICAL EVIDENCE FOR A NEURAL STAGE IN DARK
ADAPTATION
EXPERIMENTIA V22 PP685 1966
BY MAFFEI L
PUPPELLE H E
DAR ACCESS NO.....019640-012
DOC NUMBER.....AD660745
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2546
UNIVERSITY OF PISA
SURGICAL IMMOBILIZATION OF THE EYE AND PUPIL PERMITTING
STAIR PHOTOIC STIMULATION OF FREELY MOVING CATS
ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY V21
PP504-505 1966
BY REALUCCHI G
MUNSON J B
RIZZOLATTI G
DAR ACCESS NO.....019640-013
DOC NUMBER.....AD660746
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2547
UNIVERSITY OF PISA
ELECTROPHYSIOLOGICAL STUDY OF TECTAL RESPONSES TO OPTIC
NERVE VOLLY
ARCH ITAL BIOL V104 PP406-420 1966
BY MARCHIAFAVA P L
PEPEU G C
DAR ACCESS NO.....019640-014
DOC NUMBER.....AD660747
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2548
UNIVERSITA DEGLI STUDI DI PISA
SLEEP IN THE PIGEON
ARCH ITAL BIOL V104 PP515-521 1966
BY TNADARDI V
DAR ACCESS NO.....000723-006
DOC NUMBER.....AD660748
INSTR...AF-EDAR-0009-63
PROJECT/TASK.....9777/01

AFOSR 67-2549
GENERAL ELECTRIC COMPANY
ULTRASENSITIVE DETECTION OF CERTAIN MICROBIAL METABOLITES
BY GAS CHROMATOGRAPHY
ANALYTICAL BIOCHEMISTRY V20 N3 PP546-550 SEPT 1967
BY MITHUKA B N
ALEXANDER M
DAR ACCESS NO.....019631-002
DOC NUMBER.....AD660750
INSTR...AF-60/638/01737
PROJECT/TASK.....9777/01

AFOSR 67-2550
UNIVERSITY OF MIAMI
CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION
POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC
JORDAN CURVE WITH CUSPS
BY O HARA P J JR
DAR ACCESS NO.....004854-001
DOC NUMBER.....AD660751
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 67-2551
PURDUE RESEARCH FOUNDATION
THEORY AND DESIGN CONSIDERATIONS IN DEVELOPING A
MULTI-PURPOSE INSTRUMENT FOR DETERMINATION OF TWELVE
PROPERTIES
SEPTEMBER 1966
BY LEIDENFROST W
DAR ACCESS NO.....017060-001
DOC NUMBER.....AD660752
INSTR...AF-60/638/01874
PROJECT/TASK.....9750/01

AFOSR 67-2552
TECHNISCHE HOCHSCHULE MÜNCHEN
ON THE EQUIVALENCE OF SYSTEMS OF PARTIAL DIFFERENTIAL
EQUATIONS
MONATSHEFTE FÜR MATHEMATIK V71 N4 PP354-368 1967
BY ALBRECHT R F
VACHENAUER P
DAR ACCESS NO.....001113-002
DOC NUMBER.....AD660753
INSTR...AF-EDAR-0048-65
PROJECT/TASK.....9749/01

AFOSR 67-2553
NEW YORK UNIVERSITY RESEARCH FOUNDATION
OPTIMAL APPROXIMATION
JOURNAL OF FUNCTIONAL ANALYSIS V1 N2 PP222-244 AUG 1967
BY SAHO A
DAR ACCESS NO.....020630-001
DOC NUMBER.....AD660754
INSTR...AF-61/052-60
PROJECT/TASK.....9749/01

AFOSR 67-2554
UNIVERSITY OF CHICAGO
THE PRINCIPLE OF EXCHANGE OF STABILITIES II THE ONSET OF
CONVECTION IN THE PRESENCE OF INHIBITION
THE ASTROPHYSICAL JOURNAL V150 PP203-212 OCTOBER 1967
BY LEBOWITZ M R
DAR ACCESS NO.....009422-002
DOC NUMBER.....AD660755
INSTR...AF-61/052-67
PROJECT/TASK.....9749/01

AFOSR 67-2555
UNIVERSITY OF FLORIDA
RELATIVISTIC NUCLEON-NUCLEON INTERACTIONS
NUCLEAR PHYSICS V2 N2 PP267-281 1967
BY GREEN A E S
SAWADA T
OAR ACCESS NO.....017611-003
DOC NUMBER.....AD660783
INSTR...AF-AFOSR-0902-66
PROJECT/TASK.....9751/02

AFOSR 67-2556
UNIVERSITY OF FLORIDA
MESON THEORETIC N-N INTERACTIONS FOR NUCLEAR PHYSICS
REVIEWS OF MODERN PHYSICS V30 N3 PP596-610 JULY 1967
BY GREEN A E S
SAWADA T
OAR ACCESS NO.....017611-002
DOC NUMBER.....AD660931
INSTR...AF-AFOSR-0902-66
PROJECT/TASK.....9751/02

AFOSR 67-2558
UNIVERSITE DE LYON
MONOAMINES AND SLEEPS II-TECHNICAL ASPECTS AND INTEREST
OF THE STUDY OF THE CENTRAL METABOLISM OF MONOAMINES
DURING SLEEP /FRENCH/
J TIXIER & FILS 19 RUE ROUX-BOIGNAT LYON FRANCE 1967
BY PUJOL J P
OAR ACCESS NO.....000893-004
DOC NUMBER.....AD660945
INSTR...AF-EDAR -0046-66
PROJECT/TASK.....9777/01

AFOSR 67-2559
UNIVERSITE DE LYON
THE STATES OF SLEEP
SCIENTIFIC AMERICAN V216 N2 PP22-72 FEBRUARY 1967
BY JOUVET M
OAR ACCESS NO.....000893-001
DOC NUMBER.....AD660930
INSTR...AF-EDAR -0046-66
PROJECT/TASK.....9777/01

AFOSR 67-2560
UNIVERSITE DE LYON
RELATIONSHIPS BETWEEN RESERPINE INDUCED PHASIC EEG
ACTIVITY AND SINGLE UNIT DISCHARGE IN THE PONTINE RETICULAR
FORMATION AND LATERAL GENICULATE BODY NEURONS
EXPERIENTIA V23 P389 1967
BY JEANNEROD M
OAR ACCESS NO.....000895-002
DOC NUMBER.....AD660924
INSTR...AF-EDAR -0046-66
PROJECT/TASK.....9777/01

AFOSR 67-2561
UNIVERSITE DE LYON
THE SLEEPING BRAIN
SCIENCE JOURNAL PP3-8 MAY 1967
BY JOUVET M
OAR ACCESS NO.....000895-003
DOC NUMBER.....AD660929
INSTR...AF-EDAR -0046-66
PROJECT/TASK.....9777/01

AFOSR 67-2562
UNIVERSITE DE LYON
PERMANENT INSOMNIA AND DIMINUTION OF CEREBRAL SEROTONIN BY
LESION OF THE RAPHE SYSTEM IN THE CAT /FRENCH/
JOURNAL OF PHYSIOLOGIE V59 N1 PP248 1967
BY JOUVET M
BOILLIER P
PUJOL J P
RENAULT J
OAR ACCESS NO.....000895-004
DOC NUMBER.....AD660925
INSTR...AF-EDAR -0046-66
PROJECT/TASK.....9777/01

AFOSR 67-2563
UNIVERSITE DE LYON
SUPPRESSION OF SLEEP BY P CHLOROMETHAMPHETAMINE AND P
CHLOROPHENYLALANINE /FRENCH/
COMPTES RENDUS DES SEANCES DE LA SOCIETE DE BIOLOGIE V160
N12 PP2347 1966
BY DELORME F
FROMENT J L
JOUVET M
OAR ACCESS NO.....000895-005
DOC NUMBER.....AD660926
INSTR...AF-EDAR -0046-66
PROJECT/TASK.....9777/01

AFOSR 67-2564
UNIVERSITE DE LYON
EFFECTS OF THE LESIONS OF THE RAPHE SYSTEM UPON SLEEP AND
CEREBRAL SEROTONIN /FRENCH/
COMPTES RENDUS DES SEANCES DE LA SOCIETE DE BIOLOGIE
V160 N12 PP2347 1966
BY JOUVET M
BOILLIER P
PUJOL J P
RENAULT J
OAR ACCESS NO.....000895-006
DOC NUMBER.....AD660926
INSTR...AF-EDAR -0046-66
PROJECT/TASK.....9777/01

AFOSR 67-2565
UNIVERSITY OF FLORIDA
THE N-N INTERACTION 1967 - AN OVERVIEW AND CONFERENCE
SUMMARY
REVIEWS OF MODERN PHYSICS V30 N3 PP498-508 JULY 1967
BY GREEN A E S
MAGGREGOR M H
WILSON R
OAR ACCESS NO.....017611-001
DOC NUMBER.....AD660932
INSTR...AF-AFOSR-0902-66
PROJECT/TASK.....9751/02

AFOSR 67-2567
UNIVERSITY OF CALIFORNIA
GENERALIZED EIGENVALUE PROBLEMS
ANNALS OF PHYSICS V42 N3 PP367-374 MAY 1967
BY SCHWARTZ C
OAR ACCESS NO.....004612-019
DOC NUMBER.....AD660955
INSTR...AF-AFOSR-0130-63
PROJECT/TASK.....9767/01

AFOSR 67-2568
TEXAS A & M UNIVERSITY
CHLORINE AND DEUTERON RELAXATION TIME MEASUREMENTS IN
LIQUID HCl AND DCl
JOURNAL OF CHEMICAL PHYSICS V46 N11 PP2424-2428 JUNE 1967
BY BOEHME H C
EISNER M
OAR ACCESS NO.....002183-004
DOC NUMBER.....AD660950
INSTR...AF-AFOSR-0173-65
PROJECT/TASK.....9767/01

AFOSR 67-2569
UNIVERSITY OF CHICAGO
THRESHOLD FOR SUPERFLUID VORTEX LINES IN A ROTATING
ANNULUS
PHYSICAL REVIEW LETTERS V19 N5 PP214-216 J1 JULY 1967
BY BENDT P J
DONNELLY R J
OAR ACCESS NO.....016590-013
DOC NUMBER.....AD660948
INSTR...AF-AFOSR-0785-65
PROJECT/TASK.....9767/01

AFOSR 67-2570
MOMM-BUNGE FOUNDATION
SLEEP IN PREGNANCY EVIDENCE OF FOETAL-SLEEP CHARACTERISTICS
JOURNAL OF NEUROLOGICAL SCIENCES V4 PP600-605 1967
BY PETRE-QUADENS O
DE BANSY A M
DEVOS J
SFAELLO Z
OAR ACCESS NO.....022170-001
DOC NUMBER.....AD660942
INSTR...AF-61/052/00949
PROJECT/TASK.....9777/01

AFOSR 67-2571
MOMM-BUNGE FOUNDATION
A STUDY OF THE INDETERMINATE STAGE OF SLEEP IN
OLIGOPHRENICS RELATIONSHIP WITH SPINDLES AND PARADOXICAL
SLEEP
ACTA NEUROLOGICA ET PSYCHIATRICA BELGICA V67 PP50-56 1967
BY PETRE-QUADENS O
OAR ACCESS NO.....022170-002
DOC NUMBER.....AD660943
INSTR...AF-61/052/00949
PROJECT/TASK.....9777/01

AFOSR 67-2572
UNIVERSITY OF EDINBURGH
THE EFFECT OF OXYTOCIN AND ADRENALINE ON BLOOD FLOW IN THE
HIND LIMB OF THE DOG FOLLOWING CHRONIC LUMBAR SYMPLECTOMY
JOURNAL OF PHYSIOLOGY V192 PP43-52 1967
BY LLOYD S
PICKFORD M
OAR ACCESS NO.....000901-002
DOC NUMBER.....AD660923
INSTR...AF-EDAR -0017-65
PROJECT/TASK.....9777/01

AFOSR 67-2574
UNIVERSITY OF MINNESOTA
HIGH SUPERCONDUCTING TRANSITION TEMPERATURES IN THE
MOLYBDENUM CARBIDE FAMILY OF COMPOUNDS
JOURNAL OF LESS-COMMON METALS V13 PP129-131 1967
BY TOTH L F
OAR ACCESS NO.....020530-004
DOC NUMBER.....AD660938
INSTR...AF-AFOSR-1012-66
PROJECT/TASK.....9763/02

AFOSR 67-2575
UNIVERSITY OF MINNESOTA
SUPERCONDUCTING H SUB C - J SUB C AND IC MEASUREMENTS IN
THE NIOBIUM-TITANIUM-NITROGEN NIOBIUM-NIAPNIUM-NITROGEN AND
NIOBIUM-VANADIUM-NITROGEN TERNARY SYSTEMS
JOURNAL OF APPLIED PHYSICS V38 N5 PP2268-2271 APRIL 1967
BY YEN C M
TOTH L F
SHY Y M
ANDERSON D E
ROSNER L G
OAR ACCESS NO.....020530-005
DOC NUMBER.....AD660939
INSTR...AF-AFOSR-1012-66
PROJECT/TASK.....9763/02

AFOSR 67-2576
CALIFORNIA INSTITUTE OF TECHNOLOGY
STRUCTURE OF LIQUIDS VI SOME CHARACTERISTICS OF FIRST-
ORDER DENSITY EXPANSIONS OF RADIAL DISTRIBUTION DIRECT
CORRELATION AND SCATTERING INTENSITY FUNCTIONS
MOLECULAR PHYSICS V12 N6 PP501-504 1967
BY PINGS C J
DAR ACCESS NO.....014610-023
DDC NUMBER.....AD660937
INSTR...AF-49/638/01273
PROJECT/TASK.....9710/03

AFOSR 67-2577
CALIFORNIA INSTITUTE OF TECHNOLOGY
STRUCTURE OF LIQUIDS PART 7 -- DETERMINATION OF
INTER-MOLECULAR POTENTIAL FUNCTIONS AND CORRELATION
FUNCTIONS IN FLUID ARGON BY X-RAY DIFFRACTION TECHNIQUES
DISCUSSIONS OF THE PARADAY SOCIETY N63 PP69-98 1967
BY PINGS C J
DAR ACCESS NO.....014610-024
DDC NUMBER.....AD660936
INSTR...AF-49/638/01273
PROJECT/TASK.....9710/03

AFOSR 67-2578
RICE UNIVERSITY
GROUND STATE HYPERFINE SPLITTING OF SINGLY CHARGED HELIUM-3
PHYSICAL REVIEW LETTERS V18 N12 PP433-434 20 MARCH 1967
BY GOLDWIRE H C JR
DAR ACCESS NO.....016560-007
DDC NUMBER.....AD660941
INSTR...AF-AFOSR-0855-69
PROJECT/TASK.....9751/02

AFOSR 67-2579
RICE UNIVERSITY
COULOMB DE-EXCITATION OF C-12 IN A HELIUM GAS AT HIGH
DENSITY AND TEMPERATURE
ASTROPHYSICAL JOURNAL V148 PP301-303 APR 1967
BY CLAYTON D D
SHAW P B
DAR ACCESS NO.....016560-008
DDC NUMBER.....AD660940
INSTR...AF-AFOSR-0855-69
PROJECT/TASK.....9751/02

AFOSR 67-2580
POLYTECHNIC INSTITUTE OF BROOKLYN
A STUDY OF THREE-DIMENSIONAL INCOMPRESSIBLE TURBULENT WALL
JETS
PIBAL REPORT NO 1022 OCT 1967
BY SPORZA M H
HERBST G
DAR ACCESS NO.....019521-007
DDC NUMBER.....AD663423
INSTR...AF-49/638/01623
PROJECT/TASK.....9781/01

AFOSR 67-2581
TECHNICAL UNIVERSITY OF VIENNA
TUNGSTEN COMPOUNDS AS LIQUID ABSORBERS FOR NOSSBAUER
EXPERIMENTS
BY WEINZIERL P
DAR ACCESS NO.....016310-005
DDC NUMBER.....AD661283
INSTR...AF-61/052/00645
PROJECT/TASK.....9761/01

AFOSR 67-2582
POLYTECHNIC INSTITUTE OF BROOKLYN
PROGRESS REPORT NO 32 TO THE JOINT SERVICES TECHNICAL
ADVISORY COMMITTEE
R-462 32-67 NOV 1967
BY OLIVER A A
DAR ACCESS NO.....001685-042
DDC NUMBER.....AD662848
INSTR...AF-49/638/01402
PROJECT/TASK.....9751/00

AFOSR 67-2583
POLYTECHNIC INSTITUTE OF BROOKLYN
LONG CYLINDRICAL SHELL UNDER LOADS APPLIED TO A REINFORCING
RING
AIAA JOURNAL V5 N10 PP1863-1870 OCT 1967
BY ALLENTUCH A
BRADY K
KEMPNER J
DAR ACCESS NO.....001333-014
DDC NUMBER.....AD661127
INSTR...AF-49/638/01360
PROJECT/TASK.....9752/01

AFOSR 67-2584
UNIVERSITY OF CALIFORNIA
HIPPOCAMPAL STATES AND FUNCTIONAL RELATIONS WITH
CORTICOSUBCORTICAL SYSTEMS IN ATTENTION AND LEARNING
PROGRESS IN BRAIN RESEARCH W ROSS ADEY AND T TOKIZANE
EDITORS ELSEVIER PUBLISHING COMPANY AMSTERDAM
NETHERLANDS V27
BY ADEY W R
DAR ACCESS NO.....009322-019
DDC NUMBER.....AD661125
INSTR...AF-49/638/01347
PROJECT/TASK.....9777/01

AFOSR 67-2585
UNIVERSITY OF CALIFORNIA
QUANTITATIVE ANALYSIS OF THE SPONTANEOUS AND EVOKED
ACTIVITY OF THE CELLS OF THE PURKINJE /FRENCH/
JOURNAL DE PHYSIOLOGIE V59 N1 PP209-210 1967
BY BATINI C
KADO R Y
DAR ACCESS NO.....009322-019
DDC NUMBER.....AD661126
INSTR...AF-49/638/01387
PROJECT/TASK.....9777/01

AFOSR 67-2586
UNIVERSITY COLLEGE
ANATOMICAL LOCALIZATION OF TARGET LEARNING AND MEMO. FINAL
REPORT NOV 1967
BY YOUNG J Z
DAR ACCESS NO.....004346-003
DDC NUMBER.....AD661331
INSTR...AF-60AR -0053-66
PROJECT/TASK.....9777/01

AFOSR 67-2587
POLYTECHNIC INSTITUTE OF BROOKLYN
ULTRASONIC RELAXATION OF HYDRATE HELTS CALCIUM NITRATE
TETRAHYDRATE
JOURNAL ACOUSTICAL SOCIETY OF AMERICA V42 N2 PP517-518 AUG
1967
BY PETRUCCI S
FITZPATRICK F
DAR ACCESS NO.....023020-001
DDC NUMBER.....AD661141
INSTR...AF-AFOSR-1189-67
PROJECT/TASK.....9760/01

AFOSR 67-2589
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CRITICAL DATA OF NIOBIUM NITRIDE IN TRANSVERSE MAGNETIC
FIELDS
ZEITSCHRIFT FUR PHYSIK V205 PP400-408 1967
BY NECHLER K
SAUR E
WIZGALL H
DAR ACCESS NO.....007912-065
DDC NUMBER.....AD661134
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-2590
UNIVERSITY OF MARYLAND
ON THE CASE PROBLEM FOR A COMPACT INTEGRAL OPERATOR
JOURNAL OF MATHEMATICS AND MECHANICS V17 N3 PP217-224
SEPTEMBER 1967
BY WEINSTEIN A
DAR ACCESS NO.....001525-001
DDC NUMBER.....AD661142
INSTR...AF-AFOSR-1306-67
PROJECT/TASK.....9749/01

AFOSR 67-2591
UNIVERSITY OF CALIFORNIA
FIRST ORDER FREQUENCY EFFECTS IN SUPERSONIC PANEL FLUTTER
OF FINITE CYLINDRICAL SHELLS
AS-67-16 AUG 1967
BY LI T H
DAR ACCESS NO.....010335-001
DDC NUMBER.....AD661134
INSTR...AF-AFOSR-0264-67
PROJECT/TASK.....9781/02

AFOSR 67-2592
UNIVERSITY OF CALIFORNIA
SUPERSONIC SEPARATED LOW DOWNSTREAM OF A BACKWARD FACING
STEP
AS-67-9 MAY 1967
BY CRAWFORD D R
DAR ACCESS NO.....016835-002
DDC NUMBER.....AD660111
INSTR...AF-AFOSR-0268-67
PROJECT/TASK.....9781/02

AFOSR 67-2593
GENERAL DYNAMICS CORPORATION
ANOMALOUS RESISTIVE INSTABILITY
PHYSICS FLUIDS V10 N5 PP1108-1109 MAY 1967
BY FOWLER T K
URUNOMO W E
DAR ACCESS NO.....019331-006
DDC NUMBER.....AD661127
INSTR...AF-49/638/01546
PROJECT/TASK.....9752/01

AFOSR 67-2596
GENERAL DYNAMICS CORPORATION
NONLINEAR INSTABILITY
PHYSICS FLUIDS V10 N5 PP1027-1030 MAY 1967
BY O NEIL T H
DAR ACCESS NO.....019331-005
DDC NUMBER.....AD661128
INSTR...AF-49/638/01546
PROJECT/TASK.....9752/01

AFOSR 67-2597
AEROCHEM RESEARCH LABS INC
THE EFFECT OF MASS INJECTION ON HEAT TRANSFER FROM A
PARTIALLY DISSOCIATED GAS STREAM
ASME JOURNAL HEAT TRANSFER V89 SER C N3 PP213-216 AUG 1967
BY ROSNER D F
DAR ACCESS NO.....009751-005
DDC NUMBER.....AD661121
INSTR...AF-49/638/01654
PROJECT/TASK.....9750/02

AFOSR 67-2598
CARNEGIE INSTITUTE OF TECHNOLOGY
EXCITED STATES OF HA /134/
NUCLEAR PHYSICS A100 PP392-400 1967
BY JULIAN G M
JHA S
OAR ACCESS NO.....013141-002
DOC NUMBER.....AD061140
INSTR...AF-AFOSR-027R-65
PROJECT/TASK.....9751/02

AFOSR 67-2599
UNIVERSITY OF CALIFORNIA
ON THE FORMULATION OF CONSTITUTIVE EQUATIONS FOR LIVING
SOFT TISSUES
NOVEMBER 1967
BY PRAGER M
OAR ACCESS NO.....001374-004
DOC NUMBER.....AD062594
INSTR...AF-AFOSR-1186-67
PROJECT/TASK.....9782/01

AFOSR 67-2600
STANFORD UNIVERSITY
CRYSTALLOGENICS FINAL REPORT OCT 1967
BY TILLER W A
OAR ACCESS NO.....014900-002
DOC NUMBER.....AD061118
INSTR...AF-AFOSR-0731-65
PROJECT/TASK.....9761/02

AFOSR 67-2601
UNIVERSITY OF MICHIGAN
THE LOW TEMPERATURE OXIDATION OF AMMONIA OVER A
SUPPORTED RUTHENIUM CATALYST
CHEMICAL ENGINEERING SCIENCE V22 PP1067-1078 1967
BY SCHMIDT T J
PARHAYAND G
OAR ACCESS NO.....004100-002
DOC NUMBER.....AD061118
INSTR...AF-AFOSR-0731-65
PROJECT/TASK.....9761/02

AFOSR 67-2602
KAROLINSKA INSTITUTE
THE UPTAKE OF ISOPHENALINE IN NERVE GRANULES
INTERNATIONAL JOURNAL NEUROPHARMACOLOGY V6 PP411-434 1967
BY VON EULER U S
LISHAJKO F
OAR ACCESS NO.....005725-001
DOC NUMBER.....AD061143
INSTR...AF-AFOSR-001R-67
PROJECT/TASK.....9777/01

AFOSR 67-2603
UNIVERSITY OF GEORGIA
RESEARCH ANALYSIS IN THE LIFE SCIENCES FINAL REPORT NOV
1967
BY MCNORIE H A
OAR ACCESS NO.....007051-001
INSTR...AF-AFOSR-01370
PROJECT/TASK.....9778/03

AFOSR 67-2604
KEIO UNIVERSITY
SPECTRAL RESPONSE CURVES OF SINGLE CONES IN THE CAT
VISION RESEARCH V20P519-531 1967
BY TOHITA T
KANEKO A
MURAKAMI M
PAULIER F L
OAR ACCESS NO.....005510-002
DOC NUMBER.....AD061137
INSTR...AF-AFOSR-0009-65
PROJECT/TASK.....9777/01

AFOSR 67-2605
UNIVERSITY OF KUCHISTAN
TRANSIENT SOLUTION FOR SOUND WAVE IN A VISCOS FLUID
JOURNAL ACOUSTICAL SOCIETY OF AMERICA V41 N5 PP1112-1131
MAY 1967
BY HARKSTICK D T
OAR ACCESS NO.....011171-005
DOC NUMBER.....AD061144
INSTR...AF-AFOSR-01320
PROJECT/TASK.....9781/02

AFOSR 67-2606
VON KATHAN INSTITUTE FOR FLUID MECHANICS
BOUNDARY LAYER INSTABILITY ON SLANT WINGS /GERMANY/
ZEITSCHRIFT FUR FLUGTECHNIKAFTEN V.5 N4 PP102-104 1967
BY GINOUX J J
OAR ACCESS NO.....001104-002
DOC NUMBER.....AD061131
INSTR...AF-AFOSR-0007-64
PROJECT/TASK.....9751/02

AFOSR 67-2607
UNIVERSITY OF MARYLAND
ON THE FORMULATION OF CONSTITUTIVE EQUATIONS FOR LIVING
SOFT TISSUES
NOVEMBER 1967
BY PRAGER M
OAR ACCESS NO.....001374-004
DOC NUMBER.....AD062594
INSTR...AF-AFOSR-1186-67
PROJECT/TASK.....9782/01

AFOSR 67-2609
UNIVERSITY OF MARYLAND
ON THE FORMULATION OF CONSTITUTIVE EQUATIONS FOR LIVING
SOFT TISSUES
NOVEMBER 1967
BY PRAGER M
OAR ACCESS NO.....001374-004
DOC NUMBER.....AD062594
INSTR...AF-AFOSR-1186-67
PROJECT/TASK.....9782/01

AFOSR 67-2610
UNIVERSITY OF CALIFORNIA
INTERFEROMETER EXPERIMENT WITH INDEPENDENT LOCAL
OSCILLATORS
SCIENCE V157 N3785 PP189-191 14 JUL 67
BY BARE C
CLARK H G
KELLERMAN K I
COHEN M M
JAUNCEY D L
OAR ACCESS NO.....023110-002
DOC NUMBER.....AD061434
INSTR...AF-AFOSR-1260-67
PROJECT/TASK.....9767/02

AFOSR 67-2612
TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY
SPECTRAL EMISSIVITY CALCULATIONS BY THE STATISTICAL MODEL
APPLIED TO THE 4-3 MICRONS BANDS OF CARBON DIOXIDE AT HIGH
TEMPERATURES
APPLIED OPTICS V6 N6 PP1049-1055 JUNE 1967
BY BEN-ARYEH Y
OAR ACCESS NO.....010743-001
DOC NUMBER.....AD061432
INSTR...AF-AFOSR-0026-67
PROJECT/TASK.....9750/01

AFOSR 67-2613
UNIVERSITY OF MARYLAND
SOME REMARKS ABOUT THE LOCALIZATION OF STATES IN A QUANTUM
FIELD THEORY
COMMUN MATH PHYS V1 PP205-280 1965
BY SCHLIEDER S
OAR ACCESS NO.....002222-03R
DOC NUMBER.....AD061444
INSTR...AF-AFOSR-0500-64
PROJECT/TASK.....9751/01

AFOSR 67-2614
CORNELL UNIVERSITY
THEORETICAL RESEARCH IN ASTROPHYSICS FINAL REPORT OCT 1967
BY GOLD T
OAR ACCESS NO.....007443-013
DOC NUMBER.....AD061513
INSTR...AF-AFOSR-01527
PROJECT/TASK.....9767/03

AFOSR 67-2615
UNIVERSITY OF MARYLAND
HODOLIMOV-PARASIUK-HEPP RENORMALIZATION THEOREM AND
JOURNAL OF MATHEMATICAL PHYSICS V8 N5 MAY 1967
BY BHANDI R A
OAR ACCESS NO.....002223-011
DOC NUMBER.....AD061435
INSTR...AF-AFOSR-0500-64
PROJECT/TASK.....9751/01

AFOSR 67-2616
UNIVERSITY OF MARYLAND
HODOLIMOV-PARASIUK-HEPP RENORMALIZATION THEOREM AND
JOURNAL OF MATHEMATICAL PHYSICS V8 N5 MAY 1967
BY BHANDI R A
OAR ACCESS NO.....002223-013
DOC NUMBER.....AD061435
INSTR...AF-AFOSR-0500-64
PROJECT/TASK.....9751/01

AFOSR 67-2617
WASHINGTON UNIVERSITY
FOURIER SERIES ON THE RING OF INTEGERS IN A P-SERIES FIELD
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V73 N5 PP623-
624 SEPTEMBER 1967
BY TAILLSON M H
OAR ACCESS NO.....022450-002
DOC NUMBER.....AD061509
INSTR...AF-AFOSR-01760
PROJECT/TASK.....9749/02

AFOSR 67-2617
VALE UNIVERSITY
DIRECT ELECTRON EXCITATION CROSS SECTIONS PERTINENT TO THE
ANODIC ION LASER
PHYSICAL REVIEW LETTERS V17 N19 PP987-991 7 NOV 66
BY HENNETT W R JR
MCCOY G W
KADLMANN P J
BERLIN S
RYMAN M
OAR ACCESS NO.....018851-007
DOC NUMBER.....AD061436
INSTR...AF-AFOSR-0626-65
PROJECT/TASK.....9767/02

AFOSR 67-2618
YESHIVA UNIVERSITY
PROPERTIES OF A HARMONIC CRYSTAL IN A STATIONARY
NON-EQUILIBRIUM STATE
JOURNAL OF MATHEMATICAL PHYSICS V8 N5 PP1673-1070 MAY 67
BY RIFDOR Z
LEROWITZ J L
LIER E
OAR ACCESS NO.....005843-009
ODC NUMBER.....AD661415
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9767701

AFOSR 67-2619
UNIVERSITY OF CALIF
CONTENT ANALYSIS OF DOCUMENTARY AND BIOGRAPHIC MATERIALS
METHODOLOGY
M-22 SEPT 1967
BY WONG P
OAR ACCESS NO.....020800-003
ODC NUMBER.....AD622782
INSTR...AF-AFOSR-1003-66
PROJECT/TASK.....9777702

AFOSR 67-2620
SPEECH COMMUNICATIONS RESEARCH LABORATORY INC
ON THE NATURE OF SPEECH SCIENCE
ANN HULLFETIN N1 HES INST OF LOGOPEDICS AND PHONETICS UNIV
OF TOKYO PP13-19 APRIL 15 1967
BY PETERSON C E
OAR ACCESS NO.....004215-001
ODC NUMBER.....AD661447
INSTR...AF-AFOSR-1215-67
PROJECT/TASK.....9767702

AFOSR 67-2621
CORNELL UNIVERSITY
SOLID STATE STUDIES OF POTASSIUM MOLYBDENUM DIOXIDES
INORGANIC CHEMISTRY V8 N9 PP1682-1585 SEPTEMBER 1967
BY HOUCHAMU G H JR
PEHLSTEIN J
SIFKOW M J
OAR ACCESS NO.....003192-006
ODC NUMBER.....AD661430
INSTR...AF-AFOSR-0796-65
PROJECT/TASK.....9767702

AFOSR 67-2622
UNIVERSITY OF MAINE
AN INVESTIGATION OF THE ORDERING OF MOLECULES IN THE
ANISOTROPIC LIQUID PHASE OF LIQUID CRYSTALS FINAL REPORT
1967
BY CARR E F
OAR ACCESS NO.....004391-005
ODC NUMBER.....AD661582
INSTR...AF-AFOSR-0605-64
PROJECT/TASK.....9767702

AFOSR 67-2623
KUMAMOTO UNIVERSITY MEDICAL SCHOOL
PREFERENCE FOR AND NEURAL GUSTATORY RESPONSE TO SODIUM
SALTS IN RATS
THE KUMAMOTO MEDICAL JOURNAL V20 N3 PP129-138 1967
BY HIJI Y
OAR ACCESS NO.....000510-003
ODC NUMBER.....AD661407
INSTR...AF-AFOSR-0009-65
PROJECT/TASK.....9777701

AFOSR 67-2624
PRINCETON UNIVERSITY
HAGEMIZATION AND CLAVAGE OF SULFOXIDES BY METHYLLITHIUM
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N20 PP5278-5238
27 SEP 1967
BY JACOBUS J
MISLOW K
OAR ACCESS NO.....022000-007
ODC NUMBER.....AD661440
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9767701

AFOSR 67-2625
PRINCETON UNIVERSITY
CONFORMATIONAL ANALYSIS OF TRIPHOLYPHOSPHINES
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N20 PP5224-5229
27 SEP 1967
BY HALPERN J
MISLOW K
OAR ACCESS NO.....022000-008
ODC NUMBER.....AD661406
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9767701

AFOSR 67-2626
KUMAMOTO UNIVERSITY MEDICAL SCHOOL
ANALYSIS OF RESPONSES OF HAMSTER TASTE UNITS TO GUSTATORY
AND THERMAL STIMULI
KUMAMOTO MEDICAL JOURNAL V20 N3 PP134-142 1967
BY YAMASHITA S
OGAWA M
SATO M
OAR ACCESS NO.....000510-004
ODC NUMBER.....AD661408
INSTR...AF-AFOSR-0009-65
PROJECT/TASK.....9777701

AFOSR 67-2627
STATE UNIVERSITY OF NEW YORK
PHOTOCHEMICAL CYCLOHEXANOL FORMATION OF AN ARYL KETONE
THE SCOPE AND MECHANISM OF THE REACTION
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N17 PP4435-4442
16 AUG 1967
BY MADWA A
CHUMHINE D
MARTMAN R
LAYTON R
OAR ACCESS NO.....016801-001
ODC NUMBER.....AD661535
INSTR...AF-AFOSR-1213-67
PROJECT/TASK.....9767703

AFOSR 67-2628
STATE UNIVERSITY OF NEW YORK
A NOVEL PHOTOINDUCED RING EXPANSION OF 1-T-BUTYL-2-PHENYL-
3-METHOXYLAZETIDINE
JOURNAL AMERICAN CHEMICAL SOCIETY V89 PP3077-3078 1967
BY MADWA A
GRUBER H
HAMILTON L
OAR ACCESS NO.....016801-002
ODC NUMBER.....AD661538
INSTR...AF-AFOSR-1213-67
PROJECT/TASK.....9767703

AFOSR 67-2629
YALE UNIVERSITY
DIRECT OBSERVATION OF COLLISION BROADENING AND EFFECT OF
RESONANT INTERACTIONS ON GAS-LASER TRANSITIONS
PHYSICAL REVIEW LETTERS V18 N17 PP688-629 24 APR 67
BY BENNETT W R JR
CHEBOTAYEV V P
KNUTSON J W JR
OAR ACCESS NO.....016851-008
ODC NUMBER.....AD661537
INSTR...AF-AFOSR-0626-65
PROJECT/TASK.....9767702

AFOSR 67-2630
YALE UNIVERSITY
RADIAL DRIFT VELOCITIES IN THE ARGON ION LASER
PHYSICAL REVIEW LETTERS V18 N17 PP177-179 15 MAR 67
BY MENGER G N
CHEBOTAYEV V P
KNUTSON J W JR
OAR ACCESS NO.....016851-009
ODC NUMBER.....AD661536
INSTR...AF-AFOSR-0626-65
PROJECT/TASK.....9767702

AFOSR 67-2631
YALE UNIVERSITY
EVALUATION OF ABSORPTION AND GAIN FROM SPONTANEOUS EMISSION
PROFILES
APPLIED OPTICS V5 PP1458-1861 NOV 66
BY HALLIK E A
ELLIOTT C J
OAR ACCESS NO.....016851-010
ODC NUMBER.....AD661527
INSTR...AF-AFOSR-0626-65
PROJECT/TASK.....9767702

AFOSR 67-2632
UNIVERSITY OF NEW MEXICO
REASSIGNMENT OF THE LUMINESCENCE FROM RUTHENIUM II
COMPLEXES
CHEMICAL PHYSICS LETTERS V1 PP127-129 MAY 1967
BY KLASSEN D M
CHODSHY G A
OAR ACCESS NO.....011781-008
ODC NUMBER.....AD661507
INSTR...AF-AFOSR-0204-65
PROJECT/TASK.....9710702

AFOSR 67-2633
MCMASTER UNIVERSITY
IONIC DIFFUSION IN SOLID METAL OXIDES FINAL REPORT OCT 1967
BY SHELITZ M S
OAR ACCESS NO.....005703-005
ODC NUMBER.....AD661579
INSTR...AF-AFOSR-0515-66
PROJECT/TASK.....9767701

AFOSR 67-2634
CORNELL UNIVERSITY
STELLAR COLLISIONS
II NAUVO CEMENTO V50 SEH 10 PP199-206 11 AUG 1967
BY DEYOUNG D S
AFORD W I
OAR ACCESS NO.....007443-012
ODC NUMBER.....AD661445
INSTR...AF-AFOSR-01527
PROJECT/TASK.....9767702

AFOSR 67-2635
CORNELL UNIVERSITY
THERMAL INSTABILITY RESULTING FROM SYNCHROTRON RADIATION
ASTROPHYSICAL JOURNAL V150 PP105-113 OCT 1967
BY SEPURA M
AFORD W I
OAR ACCESS NO.....007443-011
ODC NUMBER.....AD661526
INSTR...AF-AFOSR-01527
PROJECT/TASK.....9767702

AFOSR 67-2636
CORNELL UNIVERSITY
THE STABILITY OF IONIZATION FRONTS
ASTROPHYSICAL JOURNAL V150 PP571-576 SEP 1967
BY NEWMAN H C
AFORD W I
OAR ACCESS NO.....007443-014
ODC NUMBER.....AD661534
INSTR...AF-AFOSR-01527
PROJECT/TASK.....9767702

AFOSR 67-2637
UNIVERSITY OF INDIANAPOLIS
RADIOFREQUENCY SOURCE OF POTASSIUM RESONANCE RADIATION FOR
USE IN KILOGAUSS MAGNETIC FILDS
APPLIED OPTICS V6 PP1681-1686 OCT 67
BY BERDOWSKI W
SHIMER T
KRAUSE L
DAR ACCESS NO.....011113-002
DOC NUMBER.....AD661403
INSTR...AF-AFOSR-0361-67
PROJECT/TASK.....9767/02

AFOSR 67-2638
FULMER RESEARCH INSTITUTE LTD
HEAT OF FORMATION OF ALUMINUM CHLORIDE
R 163/SR/4/SEPTEMBER 1967
BY GROSS P
HAYMAN C
DAR ACCESS NO.....017490-002
DOC NUMBER.....AD661565
INSTR...AF-61/052/0086J
PROJECT/TASK.....9713/02

AFOSR 67-2639
NATIONAL BUREAU OF STANDARDS
HEATS OF FORMATION OF ALUMINUM DIBORIDE AND ALPHA-ALUMINUM
DODECABORIDE
JOURNAL RESEARCH NATIONAL BUREAU STANDARDS V71A N4 PP307
-315 JULY-AUG 1967
BY DONALSKI E S
ARMSTRONG G T
DAR ACCESS NO.....500310-024
DOC NUMBER.....AD661427
INSTR...155A -00008-65
PROJECT/TASK.....9713/02

AFOSR 67-2640
YALE UNIVERSITY
DETECTION OF QUARKS IN THE ULTRAVIOLET SOLAR SPECTRUM
PHYSICAL REVIEW LETTERS V17 N23 PP1196-1198 5 DEC 66
BY BENNETT W R JR
DAR ACCESS NO.....018851-011
DOC NUMBER.....AD661437
INSTR...AF-AFOSR-0626-65
PROJECT/TASK.....9767/02

AFOSR 67-2641
UNIVERSITY OF PITTSBURGH
NUCLEAR-MAGNETIC-RESONANCE FREE INDUCTION DECAY IN A TWO-
SPIN SYSTEM
PHYSICAL REVIEW V150 N2 PP246-252 10 JUNE 67
BY LEE M
TSE D
GOLDBERG W I
LOVE I J
DAR ACCESS NO.....003173-004
DOC NUMBER.....AD661510
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/03

AFOSR 67-2642
INDIANA UNIVERSITY
NONADIABATIC DECOMPOSITION OF N SUB 2 O IN THE DEACTIVATION
OF O SUB 2 BY N SUB 2 OXIDE IN THE DEACTIVATION OF OXYGEN
ONE O BY NITROGEN
JOURNAL CHEMICAL PHYSICS V47 N1 PP228-234 1 JUL 1967
BY SNELLING D R
BAIR E J
DAR ACCESS NO.....021020-001
DOC NUMBER.....AD661429
INSTR...AF-49/638/01703
PROJECT/TASK.....9760/02

AFOSR 67-2643
UNIVERSITY OF MICHIGAN
POLYMERIZATION OF STYRENE WITH TITANIUM CHLORIDE TRIETHYL
ALUMINUM VANADIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS
JOURNAL OF POLYMER SCIENCE V2 PTA PP5131-5147 1966
BY OTTO F D
PARRAVANO G
DAR ACCESS NO.....004100-003
DOC NUMBER.....AD661405
INSTR...AF-49/638/00606
PROJECT/TASK.....9763/00

AFOSR 67-2644
UNIVERSITY OF MICHIGAN
POLYMERIZATION OF VINYLCHLOROXANE WITH TITANIUM CHLORIDE
TRIETHYL ALUMINUM CATALYSTS
JOURNAL OF POLYMER SCIENCE V3 PTA PP6029-6046 1965
BY MCCARTY W M
PARRAVANO G
DAR ACCESS NO.....004102-004
DOC NUMBER.....AD661406
INSTR...AF-49/638/00606
PROJECT/TASK.....9763/00

AFOSR 67-2645
EIP RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY
IETRI-C227-20 SEPT 1967
BY SOLOMON I J
DAR ACCESS NO.....014530-004
DOC NUMBER.....AD661401
INSTR...AF-61/038/21177
PROJECT/TASK.....9713/02

AFOSR 67-2646
UNIVERSITY OF OKLAHOMA
OPTICAL IONIZATION-EXCITATION FUNCTIONS OF ALUMINUM BY
ELECTRON IMPACT
PHYSICAL REVIEW V160 N1 PP20-22 5 AUG 67
BY ANDERSON M J
LEE E T P
LIN C C
DAR ACCESS NO.....014530-004
DOC NUMBER.....AD661401
INSTR...AF-61/038/21177
PROJECT/TASK.....9713/02

AFOSR 67-2647
UNIVERSITY OF PITTSBURGH
DENSITY-MATRIX DERIVATION OF THE SPIN-DIFFUSION EQUATION
PHYSICAL REVIEW V156 N3 PP817-825 15 APRIL 67
BY LOVE I J
GADE S
DAR ACCESS NO.....003173-005
DOC NUMBER.....AD661511
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/03

AFOSR 67-2648
UNIVERSITY OF PITTSBURGH
EXPERIMENTAL FREE-INDUCTION DECAY SHAPES AND THEORETICAL
SECOND MOMENTS FOR HYDROGEN IN HEXAGONAL ICE
JOURNAL OF CHEMICAL PHYSICS V46 N12 PP4800-4809 15 JUNE 67
BY BAI JAL D E
LOW I J
DAR ACCESS NO.....003173-006
DOC NUMBER.....AD661512
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/03

AFOSR 67-2649
ARIZONA STATE UNIVERSITY
ELECTRICAL PROPERTIES OF RARE EARTH OXIDES FINAL REPORT
OCT 1967
BY KEVANE C J
DAR ACCESS NO.....006103-001
DOC NUMBER.....AD661584
INSTR...AF-AFOSR-0609-65
PROJECT/TASK.....9763/02

AFOSR 67-2650
MCMASTER UNIVERSITY
THE KINETICS OF MUSTITE SCALE FORMATION ON IRON-NICKEL
ALLOYS
ACTA METALLURGICA V15 N10 PP1591-1596 OCT 1967
BY MORRIS L A
SHELTZER W W
DAR ACCESS NO.....015703-006
DOC NUMBER.....AD661513
INSTR...AF-AFOSR-0515-66
PROJECT/TASK.....9763/01

AFOSR 67-2651
STANFORD UNIVERSITY
NONUNIFORM ELECTRICAL CONDUCTION IN MAGNETHYDRODYNAMIC
CHANNELS
SUMPR REPORT NO 163 MAY 1967
BY OLIVER D A
DAR ACCESS NO.....020710-002
DOC NUMBER.....AD661586
INSTR...AF-49/638/01695
PROJECT/TASK.....9752/01

AFOSR 67-2652
UNIVERSITY OF VIRGINIA
DYNAMICAL SCREENING AND MAGNETIC PHASES FOR ELECTRONS
IN SOLIDS
NUOVO CIMENTO SER 10 V50 PP72-94 11 JULY 1967
BY CELLI V
MORANDI G
DAR ACCESS NO.....022120-001
DOC NUMBER.....AD661699
INSTR...AF-AFOSR-1138-66
PROJECT/TASK.....9763/02

AFOSR 67-2653
PURDUE UNIVERSITY
DETERMINATION OF TRACE METALS USING COORDINATION CHAIN
REACTIONS WITH MASKING AGENTS AND WITH AUTOMATED RATE
MEASUREMENT
ANALYTICAL CHEMISTRY V39 N12 PP1346-1350 OCT 1967
BY STEHL R H
MARGERUM D V
LATTERELL J J
DAR ACCESS NO.....012651-006
DOC NUMBER.....AD661700
INSTR...AF-AFOSR-0134-65
PROJECT/TASK.....9710/01

AFOSR 67-2654
PURDUE UNIVERSITY
TRACE DETERMINATION OF OXYGEN BY REACTION WITH
PENTACYANOCOBALTATE /II/ COUPLED TO COORDINATION CHAIN
ANALYTICAL CHEMISTRY V39 N12 PP1351-1357 OCT 1967
BY HAGENHUB U
STFEL R H
DAR ACCESS NO.....012651-005
DOC NUMBER.....AD661701
INSTR...AF-AFOSR-0134-65
PROJECT/TASK.....9710/01

AFOSR 67-2655
UNIVERSITY OF TORONTO
FLASH PHOTOLOGY UNDER NON-EQUILIBRIUM CONDITIONS
CANADIAN JOURNAL CHEMISTRY V44 PP2149-2174 1967
BY BURNS G
DAR ACCESS NO.....014491-001
DOC NUMBER.....AD661703
INSTR...AF-AFOSR-0506-66
PROJECT/TASK.....9760/02

AFOSR 67-2656
CASE WESTERN RESERVE UNIVERSITY
STRESS AND DILATATION FIELDS OF THE /II/ DISLOCATION IN
CUBIC CRYSTALS
JOURNAL OF APPLIED PHYSICS V38 N4 PP1520-1527 25 MARCH 1967
BY CHOU Y T
MITCHELL T E
DAR ACCESS NO.....016590-004
DOC NUMBER.....AD661704
INSTR...AF-AFOSR-0224-65
PROJECT/TASK.....9763/01

AFOSR 67-2657
GEORGETOWN UNIVERSITY
COMPLEXES OF CHROMIUM /III/ WITH SOME N-SUBSTITUTED
ETHYLENEDIAMINETRICACETIC ACIDS
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY V89 NR PP1810-1822
12 APR 1967
BY BUSTIN D I
EARLEY J E
OAR ACCESS NO.....012511-005
DOC NUMBER.....AD661731
INSTR...AF-AFOSR-0133-05
PROJECT/TASK.....9710702

AFOSR 67-2658
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
PHOTOCHEMICAL TRANSFORMATIONS OF SMALL RING
CARBONYL COMPOUNDS X PHOTODESULFURIZATION OF
DIBENZOTYLSTILBENE EPISULFIDE
JOURNAL AMERICAN CHEMICAL SOCIETY V89 NR PP3064-3069 5
JUL 1966
BY PADWA A
CRUMRENE D
SHUDBER A
OAR ACCESS NO.....010800-005
DOC NUMBER.....AD661704
INSTR...AF-AFOSR-0820-05
PROJECT/TASK.....9762703

AFOSR 67-2659
UNIVERSITY OF VIRGINIA
MAGNETIC IMPURITIES AND SUPERCONDUCTIVITY BELOW THE
KONDON TEMPERATURE
PHYSICS LETTERS V25A NR PP305-6 19 JULY 1967
BY CELLI V
ZUCKERMAN M J
OAR ACCESS NO.....022120-002
DOC NUMBER.....AD661705
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9763702

AFOSR 67-2660
UNIVERSITY OF CALIFORNIA
PHENOMENOLOGICAL THEORY OF THE RESISTIVITY AND
SUSCEPTIBILITY OF DILUTE RHODIUM-IRON AND IRIUM-IRON
ALLOYS
PHYSICS LETTERS V25A NR PP114-115 31 JULY 67
BY KNAPP G S
OAR ACCESS NO.....018431-004
DOC NUMBER.....AD661706
INSTR...AF-AFOSR-0A31-67
PROJECT/TASK.....9763703

AFOSR 67-2661
SOUTHERN ILLINOIS UNIVERSITY
THE DIFFERENCE FOURIER-TRANSFORM /OFT/ METHOD FOR DIRECT
CRYSTAL-STRUCTURE DETERMINATION
ZEITSCHRIFT FUR KRISTALLOGRAPHIE V124 NR/5 PP262-274 1967
BY AMOROS J L
CANUT-AMOROS M
OAR ACCESS NO.....016270-002
DOC NUMBER.....AD661721
INSTR...AF-AFOSR-0837-65
PROJECT/TASK.....9761702

AFOSR 67-2662
CORNELL UNIVERSITY
DETERMINATION OF LOSS AND TRANSPORT IN THE NIGHT-TIME F-
REGION FROM BACKSCATTER N-M PROFILES
JOURNAL OF ATMOSPHERIC & TERRESTRIAL PHYSICS V29 NR PP987
993 AUG 1967
BY PHASAD S S
OAR ACCESS NO.....000080-043
DOC NUMBER.....AD661714
INSTR...AF-AFOSR-01150
PROJECT/TASK.....9763700

AFOSR 67-2663
VALE UNIVERSITY
DIRECT OBSERVATION OF HOLE-BURNING LENGTHS AND
COLLISION BROADENING USING STIMULATED EMISSION TECHNIQUES
ENTERN CONFERENCE ON THE PHYSICS OF ELECTRONIC & ATOMIC
COLLISIONS ST. LOUIS MO USSR 17-23 JUL 67 PP521-522
BY KENNETH B R JR
CHENOTAYE V P
OAR ACCESS NO.....018851-012
DOC NUMBER.....AD661722
INSTR...AF-AFOSR-0A76-65
PROJECT/TASK.....9767702

AFOSR 67-2664
GENERAL DYNAMICS CORPORATION
ACCELERATION PROCESS IN THE HALL CURRENT DEVICE
PHYSICS OF FLUIDS V10 NR PP1010-1009 MAY 1967
BY KONGCZEVSKI J
OAR ACCESS NO.....014921-007
DOC NUMBER.....AD661724
INSTR...AF-AFOSR-080156
PROJECT/TASK.....9757701

AFOSR 67-2665
PRINCETON UNIVERSITY
LOGARITHMIC DENSITY BEHAVIOR OF A NONEQUILIBRIUM
HETEROGENEOUS GAS
JOURNAL OF MATHEMATICAL PHYSICS V8 NR PP1410-1420 JUL 67
BY SHUMAN M
FELDMAN J A
OAR ACCESS NO.....010900-043
DOC NUMBER.....AD661725
INSTR...AF-AFOSR-010154
PROJECT/TASK.....9767703

AFOSR 67-2666
UNIVERSITY OF CHICAGO
ADIABATIC PULSATIONS AND CONVECTIVE INSTABILITY OF
GASEOUS MASSES
THE ASTROPHYSICAL JOURNAL V180 PP213-221 OCTOBER 1967
BY TASSOUL M
TASSOUL J L
OAR ACCESS NO.....009922-003
DOC NUMBER.....AD661697
INSTR...AF-AFOSR-0712-67
PROJECT/TASK.....9749701

AFOSR 67-2667
HEMNER AND COMPANY
UNIFICATION OF THEORY AND EMPIRICISM IN INFORMATION
RETRIEVAL FINAL REPORT OCT 1967
BY FAINTHOMNE R A
OAR ACCESS NO.....014552-001
DOC NUMBER.....AD661723
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9769702

AFOSR 67-2668
DURK UNIVERSITY
MICROWAVE MILLIMETER AND RADIOFREQUENCY SPECTROSCOPY FINAL
REPORT NOV 1967
BY GORDY W
OAR ACCESS NO.....000274-014
DOC NUMBER.....AD661724
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767702

AFOSR 67-2669
UNIVERSITY OF FLORIDA
STUDIES OF LOW-ENERGY IONIC COLLISIONS FINAL REPORT NOV
1967
BY BAILEY T L
THOMAS B S
OAR ACCESS NO.....010141-002
DOC NUMBER.....AD661719
INSTR...AF-AFOSR-0471-66
PROJECT/TASK.....9767701

AFOSR 67-2670
CALIFORNIA INSTITUTE OF TECHNOLOGY
NARROW-AND BROAD-BAND PHOTOMETRY OF RED STARS I NORTHERN
GIANTS
ASTROPHYSICAL JOURNAL SUPPL SER V14 NR3 PP307-358
SEPTEMBER 1967
BY EGGEN O J
OAR ACCESS NO.....0000581-029
DOC NUMBER.....AD661719
INSTR...AF-AFOSR-0471-66
PROJECT/TASK.....9774701

AFOSR 67-2671
UNIVERSITY OF CHICAGO
STUDY OF THE RYDBERG STATES OF H2
JOURNAL CHEMICAL PHYSICS V47 NR PP125-132 - AUG 1967
BY HAZI A U
RICE S A
OAR ACCESS NO.....015061-012
DOC NUMBER.....AD661719
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760701

AFOSR 67-2672
UNIVERSITY OF CALIFORNIA
THE ELECTRICAL RESISTIVITY OF GOLD-VANADIUM
INTERMETALLIC COMPOUND
PHYSICS LETTERS V25A NR PP121-122 31 JULY 1967
BY MAPLE M R
LUO H L
OAR ACCESS NO.....018031-005
DOC NUMBER.....AD661707
INSTR...AF-AFOSR-0631-67
PROJECT/TASK.....9763703

AFOSR 67-2673
CALIFORNIA INSTITUTE OF TECHNOLOGY
ON THE ABSOLUTE MAGNITUDE AND EFFECTIVE TEMPERATURE OF THE
HYDROGENPOOR STARS NO 30253
ASTROPHYSICAL JOURNAL V150 NR PP239-244 OCTOBER 1967
BY DANZIGER I J
WALLERSTEIN G
OAR ACCESS NO.....0000501-033
DOC NUMBER.....AD661718
INSTR...AF-AFOSR-0123
PROJECT/TASK.....9774701

AFOSR 67-2674
COLUMBIA UNIVERSITY
POLARIZATION OF LIGHT ENTERED FROM THE PERIPHERY OF A SCAL
BY ELECTRON IMPACT
PHYSICAL REVIEW LETTERS V19 NR PP203-206 7 AUG 67
BY KAMRA M
SUNARAY M
OAR ACCESS NO.....000067-103
DOC NUMBER.....AD661717
INSTR...AF-AFOSR-0130-66
PROJECT/TASK.....9767702

AFOSR 67-2675
UNIVERSITY OF WINDSOR
ION-ATOMIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND
MAGNETICALLY INDUCED QUENCHING OF SODIUM RESONANCE RADIATION BY
MAGNETICALLY INDUCED QUENCHING OF SODIUM RESONANCE RADIATION BY
THE PHYSICAL REVIEW V150 NR PP1113-1115 JUL 67
BY KIMBLE B P
CUMLEY G
OAR ACCESS NO.....011112-011
DOC NUMBER.....AD661723
INSTR...AF-AFOSR-0361-65
PROJECT/TASK.....9767702

AFOSR 67-2676
WELDON INSTITUTE
GROWTH AND DECAY OF DISCONTINUITIES IN FLUIDS WITH
INTERNAL STATE VARIABLES
PHYS FLUIDS V10 N7 PP1458-1468 JULY 67
BY COLEMAN B D
GURTIN M E
OAR ACCESS NO.....015271-006
DOC NUMBER.....AD661702
INSTR...AF-AFOSR-0720-06
PROJECT/TASK.....9749/01

AFOSR 67-2677
STANFORD UNIVERSITY
MODEL-INDEPENDENT CONTRIBUTION IN PROTON-PROTON
BREMSSTRAHLUNG
PHYSICS LETTERS V258 N2 PP135-138 7 AUG 67
BY NYMAN E M
OAR ACCESS NO.....001793-099
DOC NUMBER.....AD661720
INSTR...AF-49/638/0138V
PROJECT/TASK.....9751/01

AFOSR 67-2678
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ENOLATE ANIONS AS SYNTHETIC INTERMEDIATES
RECORD OF CHEMICAL PROGRESS V28 N2 PP99-120 JUNE 1967
BY MOUSE H O
OAR ACCESS NO.....019171-001
DOC NUMBER.....AD661711
INSTR...AF-AFOSR-0573-66
PROJECT/TASK.....9762/02

AFOSR 67-2679
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBANIONS XIII THE NUCLEAR MAGNETIC
RESONANCE SPECTRA OF VARIOUS METHYLMAGNESIUM DERIVATIVES
AND RELATED SUBSTANCES
JOURNAL ORGANIC CHEMISTRY V32 PP2481-2496 AUG 1967
BY MOUSE H O
LATHAM R A
WHITESIDES G M
OAR ACCESS NO.....019171-002
DOC NUMBER.....AD661712
INSTR...AF-AFOSR-0573-66
PROJECT/TASK.....9762/02

AFOSR 67-2680
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOMETHYL METAL COMPOUNDS XIII THE PREPARATION OF
GEN-DIFLUOROCYCLOPROPANES BY IODINE ION INDUCED CF2
TRANSFER FROM TRIMETHYL /TRIFLUOMETHYL/ TIN
JOURNAL ORGANIC CHEMISTRY V32 PP2940-2954 OCT 1967
BY SEYFENTH D
DERTOUZOS
SUZUKI H
MUI J Y P
OAR ACCESS NO.....014231-016
DOC NUMBER.....AD661713
INSTR...AF-AFOSR-0507-06
PROJECT/TASK.....9762/02

AFOSR 67-2681
INSTITUTO NACIONAL DE TECNICA AEROSPAIAL
FLAME PROPAGATION ALONG THE INTERFACE BETWEEN A GAS AND A
REACTION MEDIUM
SYMPOSIUM /INTERNATIONAL/ ON COMBUSTION 11TH BERKELEY CALIF
14-20 AUG 1966 PP533-544 COMBUSTION INSTITUTE PA 1967
BY TARIFA C S
TORRALBA R M
OAR ACCESS NO.....013605-001
DOC NUMBER.....AD661709
INSTR...AF-FOAR-0044-67
PROJECT/TASK.....9711/01

AFOSR 67-2682
APPLICAZIONI RICERCHIE SCIENTIFICHE
CYLINDRICAL COUETTE FLOW OF A RAPIDLY GAS
PHYSICS OF FLUIDS V10 N5 PP1200-1204 JUNE 1967
BY CERCIGNANI C
SENNAGIUTO F
OAR ACCESS NO.....011130-010
DOC NUMBER.....AD661759
INSTR...AF-61/057/004M1
PROJECT/TASK.....9783/01

AFOSR 67-2683
STANFORD UNIVERSITY
SELF-ENERGY CONSIDERATIONS IN GENERAL RELATIVITY AND THE
EXACT FIELDS OF CHARGE AND MASS DISTRIBUTIONS
NUOVO CIMENTO SER 10V50 PP583-604 1 AUG 1967
BY KYLE C F
MARTIN A W
OAR ACCESS NO.....001793-100
DOC NUMBER.....AD661712
INSTR...AF-49/639/0138V
PROJECT/TASK.....9751/01

AFOSR 67-2685
WELDON INSTITUTE
A NOTE ON THE STABILITY PROPERTIES OF UNIFORM TEMPERATURE
FIELDS
J MATH ANAL APPL V19 N2 PP247-252 AUGUST 1967
BY GREENBERG J M
OAR ACCESS NO.....015271-007
DOC NUMBER.....AD661929
INSTR...AF-AFOSR-0720-06
PROJECT/TASK.....9749/01

AFOSR 67-2686
NEW YORK UNIVERSITY
AN EXTENSION OF THE VALIDITY OF THE STATIONARY PHASE FORMULA
SIAM JOURNAL OF APPLIED MATHEMATICS V10 N4 PP915-923
JULY 1967
BY LUDWIG D
OAR ACCESS NO.....000333-008
DOC NUMBER.....AD661930
INSTR...AF-AFOSR-0537-64
PROJECT/TASK.....9749/02

AFOSR 67-2687
AMERICAN MATHEMATICAL SOCIETY
RELATIVITY THEORY AND ASTROPHYSICS 1 RELATIVITY AND
COSMOLOGY FINAL REPORT NOV 1967
LECTURES IN APPLIED MATHEMATICS V8 AMERICAN MATH SOC
PROVIDENCE R I 1967
BY EHLERS J
OAR ACCESS NO.....017120-001
DOC NUMBER.....AD661846
INSTR...AF-AFOSR-0834-65
PROJECT/TASK.....9749/01

AFOSR 67-2688
AMERICAN MATHEMATICAL SOCIETY
RELATIVITY THEORY AND ASTROPHYSICS 2 GALACTIC STRUCTURE
FINAL REPORT NOV 1967
LECTURES IN APPLIED MATHEMATICS V9 AMERICAN MATH SOC
PROVIDENCE R I 1967
BY EHLERS J
OAR ACCESS NO.....017120-002
DOC NUMBER.....AD661846
INSTR...AF-AFOSR-0834-65
PROJECT/TASK.....9749/01

AFOSR 67-2689
AMERICAN MATHEMATICAL SOCIETY
RELATIVITY THEORY AND ASTROPHYSICS 3 STELLAR STRUCTURE
FINAL REPORT NOV 1967
LECTURES IN APPLIED MATHEMATICS V10 AMERICAN MATH SOC
PROVIDENCE R I 1967
BY EHLERS J
OAR ACCESS NO.....017120-003
DOC NUMBER.....AD661847
INSTR...AF-AFOSR-0834-65
PROJECT/TASK.....9749/01

AFOSR 67-2690
ARCTIC INSTITUTE OF NORTH AMERICA
A COMPARISON OF LONG SHOT AND EARTHQUAKES FINAL REPORT AUG
1967
BY CURRIE R G
OAR ACCESS NO.....021370-002
DOC NUMBER.....AD661970
INSTR...AF-AFOSR-1022-66
PROJECT/TASK.....8652/00

AFOSR 67-2691
STANFORD UNIVERSITY
PROPERTIES OF THE 715/-DIMENSIONAL SU(4) SUPERMULTIPLETS OF
NEGATIVE-PARITY EXCITATIONS OF OXYGEN 16 USING REALISTIC
NUCLEAR FORCES
PHYS REV V159 N4 PP816-829 20 JUL 67
BY HARRETT B N
OAR ACCESS NO.....001793-101
DOC NUMBER.....AD661914
INSTR...AF-49/638/0138V
PROJECT/TASK.....9751/01

AFOSR 67-2692
CORNELL UNIVERSITY
EXTENT OF THERMAL NON-EQUILIBRIUM IN THE IONOSPHERE
JOURNAL OF ATMOSPHERIC AND TERRESTRIAL PHYSICS V29 PP1137-
1151 1967
BY MAHAJAN K K
OAR ACCESS NO.....500081-003
DOC NUMBER.....AD662129
INSTR...F44020-67-C-0066
PROJECT/TASK.....2838/00

AFOSR 67-2693
CORNELL UNIVERSITY
10.7 CM-SOLAR RADIATION FLUX AND IONOSPHERIC TEMPERATURES
JOURNAL OF ATMOSPHERIC AND TERRESTRIAL PHYSICS V29 PP1153-
1158 1967
BY MAHAJAN K K
OAR ACCESS NO.....500081-004
DOC NUMBER.....AD662130
INSTR...F44020-67-C-0066
PROJECT/TASK.....2838/00

AFOSR 67-2694
CORNELL UNIVERSITY
RADAR OBSERVATIONS OF MARS AND JUPITER AT 70 CM
THE ASTROPHYSICAL JOURNAL V72 N4 N1351 PP771-777 AUG 67
BY DYCE R H
PETTENCILL G H
SANCHEZ A D
OAR ACCESS NO.....500081-005
DOC NUMBER.....AD662159
INSTR...F44020-67-C-0066
PROJECT/TASK.....2838/00

AFOSR 67-2695
CORNELL UNIVERSITY
LUNAR OCCULTATIONS OF THE RADIO SOURCES J015 J0205 AND
NSM 12 PLUS 04
THE ASTRONOMICAL JOURNAL V72 N7 PP831 SEP 67
BY SUTTON J
HAZARD C
GURKIS S
OAR ACCESS NO.....500081-006
ODC NUMBER.....AD662158
INSTR...AF-64620-67-C-0066
PROJECT/TASK.....283A/00

AFOSR 67-2696
CALIFORNIA INSTITUTE OF TECHNOLOGY
ELECTROMAGNETIC SCATTERING FROM CYLINDRICALLY AND
SPHERICALLY STRATIFIED BOODIES
BY LATHAM R W
OAR ACCESS NO.....000153-004
ODC NUMBER.....AD664050
INSTR...AF-AFOSR-1400-68
PROJECT/TASK.....9768/02

AFOSR 67-2696
CALIFORNIA INSTITUTE OF TECHNOLOGY
ELECTROMAGNETIC SCATTERING FROM CYLINDRICALLY AND SPHERICAL
STRATIFIED BOODIES
BY LATHAM R W
OAR ACCESS NO.....000153-004
ODC NUMBER.....AD664050
INSTR...AF-AFOSR-1400-68
PROJECT/TASK.....9768/02

AFOSR 67-2697
AUSTRIAN STUDY GROUP FOR ATOMIC ENERGY
ROTATING CRYSTAL SPECTROMETERS WITH AND WITHOUT AN
AUXILIARY DEVICE FOR SUPPRESSION OF UNWANTED REFLECTIONS
NUCLEAR INSTRUMENTS AND METHODS V50 PP251-257 1967
BY QUITTNER G
LEGLEH E
OAR ACCESS NO.....011650-006
ODC NUMBER.....AD662131
INSTR...AF-61/052/0063H
PROJECT/TASK.....9761/03

AFOSR 67-2698
INTERNATIONAL BUSINESS MACHINES CORPORATION
LOW-ENERGY ELECTRON DIFFRACTION STUDY OF SURFACES OF
ANTIMONY AND BISMUTH
SURFACE SCIENCE V8 PP57-76 1967
BY JONA F
OAR ACCESS NO.....012540-013
ODC NUMBER.....AD662154
INSTR...AF-49/638/01201
PROJECT/TASK.....9761/02

AFOSR 67-2699
INSTITUTE FOR ADVANCED STUDY
CONSPIRACY AND SUPERCONVERGENCE IN PION PHOTOPRODUCTION
THE PHYSICAL REVIEW V160 N5 PP1441-1446 25 AUG 1967
BY HALPERN M B
OAR ACCESS NO.....007783-009
ODC NUMBER.....AD662133
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 67-2700
UNIVERSITY OF CAMBRIDGE
NUCLEON-NUCLEON INTERACTION AT HIGH ENERGIES
REVIEWS OF MODERN PHYSICS V39 N3 PP663-669 JULY 1967
BY LFADER E
OAR ACCESS NO.....013011-024
ODC NUMBER.....AD662135
INSTR...AF-EDAR-0036-65
PROJECT/TASK.....9751/01

AFOSR 67-2701
UNIVERSITY OF CAMBRIDGE
DAUGHTERS FROM ANALYTICITY PLUS CROSSING SYMMETRY
MOVING CEMENTO SERIO V51A PP191-194 1 SEP 1967
BY DEAN M W
OAR ACCESS NO.....013011-025
ODC NUMBER.....AD662170
INSTR...AF-FIAR-0036-65
PROJECT/TASK.....9751/01

AFOSR 67-2702
BROWN UNIVERSITY
MATHEMATICS IN SCIENCE AND ENGINEERING STOCHASTIC STABILITY
AND CONTROL
V33 ACADEMIC PRESS N Y 1967
BY KUSHNER M J
OAR ACCESS NO.....019592-004
ODC NUMBER.....AD662119
INSTR...AF-AFOSR-0693-66
PROJECT/TASK.....9749/01

AFOSR 67-2703
UNIVERSITY OF MARYLAND
VAN DER WAALS FORCE DISPERSION THEORY AND SINGULARITIES
ON SECOND RIEMANN SHEETS
THE PHYSICAL REVIEW V161 N5 PP1664-1675 25 SEPTEMBER 1967
BY SOFFER J
SUCHER J
OAR ACCESS NO.....002223-012
ODC NUMBER.....AD662167
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 67-2704
UNIVERSITY OF ALASKA
EVIDENCE FOR MAGMA IN THE KATHAI VOLCANIC RANGE
BULLETIN VOLCANOLOGICAL V31 P175-214 1967
BY KUHOTA S
BERG E
OAR ACCESS NO.....019601-002
ODC NUMBER.....AD649249
INSTR...AF-AFOSR-0701-66
PROJECT/TASK.....8652/00

AFOSR 67-2705
UNIVERSITY OF FLORIDA
A SIMPLE DEVICE FOR SAMPLING GASES WITHOUT AIR
CONTAMINATION
BY WILLIAMS M P
OVERFIELD C V
WINEFORDNER J D
OAR ACCESS NO.....020430-014
INSTR...AF-AFOSR-1033-66
PROJECT/TASK.....9710/03

AFOSR 67-2706
GENSSELAEN POLYTECHNIC INSTITUTE
MOLTEA SALTS HANDBOOK
ACADEMIC PRESS INCORPORATED 111 FIFTH AVENUE NEW YORK
NEW YORK
BY JANZ G J
OAR ACCESS NO.....002582-010
INSTR...AF-AFOSR-0181-63
PROJECT/TASK.....9710/01

AFOSR 67-2707
LANONT GEOLOGICAL OBSERVATORY OF COLUMBIA UNIVERSITY
DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY
IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY REFLECTED
FROM THE MANTLE-CORE BOUNDARY
BULLETIN SEISMOLOGICAL SOCIETY OF AMERICA V57 N5 PP829-856
OCT 67
BY SATO R
ESPINOSA A F
OAR ACCESS NO.....011390-006
ODC NUMBER.....AD662107
INSTR...AF-AFOSR-0303-62
PROJECT/TASK.....8652/00

AFOSR 67-2708
UNIVERSITY OF NEVADA
SOLID EARTH TIDES AS A TRIGGERING MECHANISM FOR EARTHQUAKES
OCTOBER 1967
BY VANWORMER J D
OAR ACCESS NO.....011472-001
ODC NUMBER.....AD662354
INSTR...AF-AFOSR-0646-66
PROJECT/TASK.....8652/00

AFOSR 67-2709
INSTITUTE FOR ADVANCED STUDY
THEORETICAL DISCUSSIONS CONCERNING DEGENERACY
PHYS REV LETTERS V18 N10 PP349-353 6 MAR 1967
BY TUAN S F
WU T T
OAR ACCESS NO.....007783-010
ODC NUMBER.....AD662308
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 67-2709
INSTITUTE FOR ADVANCED STUDY
THEORETICAL DISCUSSIONS CONCERNING DEGENERACY
PHYS REV LETTERS V18 N10 PP349-353 6 MAR 1967
BY TUAN S I
WU T T
OAR ACCESS NO.....007783-011
ODC NUMBER.....AD662308
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 67-2710
UNIVERSITY OF WESTERN AUSTRALIA
ON THE POSSIBLE ROLE OF DISLOCATIONS IN GENERATING
ORDERED AND DISORDERED SHEAR STRUCTURES
JOURNAL PHYSICAL CHEMICAL SOLIDS V28 PP1393-1408
BY ANDERSON J S
HYDE B G
OAR ACCESS NO.....016761-001
ODC NUMBER.....AD662307
INSTR...AF-AFOSR-0853-67
PROJECT/TASK.....9760/01

AFOSR 67-2712
UNIVERSITY OF CALIFORNIA
LOW-TEMPERATURE SPECIFIC HEAT OF ARSENIC
THE PHYSICAL REVIEW V161 N3 PP652-655 15 SEPTEMBER 1967
BY TAYLOR W A
MCCOLLUM D C
PASSENHEIM B C
WHITE M W
OAR ACCESS NO.....017940-002
ODC NUMBER.....AD662310
INSTR...AF-AFOSR-0949-65
PROJECT/TASK.....9763/01

AFOSR 67-2713
NORTH DAKOTA STATE UNIVERSITY
SOLVATION OF EXTRACTED COMPLEX METAL ACIDS II
SOLVENT EXTRACTION CHEMISTRY SYMPOSIUM GOTEBOG SWEDEN 1966
KORTH-HOLAND PUB PP447-453 1967
BY KOPP C V
MCDONALD R L
OAR ACCESS NO.....011831-002
ODC NUMBER.....AD662309
INSTR...AF-AFOSR-0065-65
PROJECT/TASK.....9710/02

AFOSR 67-2716
CARNegie-MELLON UNIVERSITY
AN NB SUPER - RECOGNIZER FOR CONTEXT FREE GRAMMARS
SEPTEMBER 1967
BY FARLEY J
OAH ACCESS NO.....029900-025
DOC NUMBER.....AD662033
INSTH...30 -146
PROJECT/TASK.....4718/00

AFOSR 67-2718
UNIVERSITY OF CALIFORNIA
BOUNDARY VALUE PROBLEMS AND THE POINCARÉ-LEFSCHETZ
MAPPING
JOURNAL D ANALYSE MATHÉMATIQUE V19 PP323-371 1967
BY MOHL M
OAH ACCESS NO.....007016-002
DOC NUMBER.....AD662294
INSTH...AF-AFOSH-0920-65
PROJECT/TASK.....9747/02

AFOSR 67-2717
SPANISH SEISMOLOGICAL SURVEY
THE FOCAL MECHANISM OF EARTHQUAKES IN THE SOUTHERN COAST
OF THE IBERIAN PENINSULA
TECTONOPHYSICS V4 N3 PP229-236 NOV 66
BY UDIAS A
OAH ACCESS NO.....015960-010
DOC NUMBER.....AD662311
INSTH...AF-61/052/00657
PROJECT/TASK.....0657/00

AFOSR 67-2718
CARNEGIE INSTITUTE OF TECHNOLOGY
EXTERNAL PROBLEMS FOR A CLASS OF FUNCTIONALS DEFINED ON
CONVEX SETS
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V7J N4
PP584-591 JULY 1967
BY NEMANI Z
OAH ACCESS NO.....001572-008
DOC NUMBER.....AD662296
INSTH...AF-AFOSH-0416-62
PROJECT/TASK.....0749/02

AFOSR 67-2719
SYSTEM RESEARCH LTD
TESTS FOR A SIMPLE LEARNING AND PERCEIVING ARTIFACT
CYBERNETICA N2 PP75-90 1966
BY PASK G A
FELDMANN H J
OAH ACCESS NO.....012690-009
DOC NUMBER.....AD662299
INSTH...AF-61/052/00640
PROJECT/TASK.....0769/04

AFOSR 67-2720
SYSTEM RESEARCH LTD
MAN/MACHINE INTERACTION IN ADAPTIVELY CONTROLLED
EXPERIMENTAL CONDITIONS
BULLETIN OF MATHEMATICAL BIOPHYSICS V27 PP261-273 1965
BY PASK G
OAH ACCESS NO.....012690-010
DOC NUMBER.....AD662298
INSTH...AF-61/052/00640
PROJECT/TASK.....0769/04

AFOSR 67-2721
SYSTEM RESEARCH LTD
COMMENTS ON THE CYBERNETICS OF ETHICAL SOCIOLOGICAL AND
PSYCHOLOGICAL SYSTEMS
PROGRESS IN BIOCYBERNETICS V3 ELSEVIER PUB CO AMSTERDAM
PP158-249 1966
BY PASK G
OAH ACCESS NO.....012690-011
DOC NUMBER.....AD662300
INSTH...AF-61/052/00640
PROJECT/TASK.....0769/04

AFOSR 67-2722
SYSTEM RESEARCH LTD
THE CONTROL OF LEARNING IN SMALL SUBSYSTEMS OF A PROGRAMMED
EDUCATIONAL SYSTEM
IEEE TRANS ON HUMAN FACTORS IN ELECTRONICS VHE-5 N2
PP68-73 JUNE 1967
BY PASK G
OAH ACCESS NO.....012691-002
DOC NUMBER.....AD662313
INSTH...AF-61/052/00640
PROJECT/TASK.....0769/04

AFOSR 67-2723
CITY COLLEGE OF NEW YORK
COMPLEX MIXING MODELS FOR CHEMICAL REACTION SYSTEMS FINAL
REPORT MAY 1967
BY KATZ S
SHINNAR H
OAH ACCESS NO.....017770-035
DOC NUMBER.....AD662056
INSTH...AF-61/052/00640
PROJECT/TASK.....9711/01

AFOSR 67-2724
STANFORD UNIVERSITY
A FURTHER ATTEMPT TO MODIFY HYPNOTIC SUSCEPTIBILITY THROUGH
REPEATED INDIVIDUALIZED EXPERIENCE
THE INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL
HYPNOSIS V15 N3 PP118-124 1967
BY COOPER L W
SCHUBOT E
DANFORD S A
TAMM C I
OAH ACCESS NO.....015470-007
DOC NUMBER.....AD662431
INSTH...AF-49/038/01430
PROJECT/TASK.....9778/01

AFOSR 67-2725
UNIVERSITY OF MICHIGAN
MAN AS AN INTUITIVE STATISTICIAN
PSYCHOLOGICAL BULLETIN V68 N1 PP29-46 1967
BY PETERSON C R
HEACH L H
OAH ACCESS NO.....022070-002
DOC NUMBER.....AD662432
INSTH...AF-49/038/01731
PROJECT/TASK.....9778/01

AFOSR 67-2726
UNIVERSITY OF MARYLAND
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF
TRITARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBYNLS
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N22 PP5573-5577
25 OCT 1967
BY GRIM S D
WHEATLAND D A
MCFARLANE W
OAH ACCESS NO.....015430-006
DOC NUMBER.....AD662439
INSTH...AF-AFOSH-0782-65
PROJECT/TASK.....9710/01

AFOSR 67-2727
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CYCLOTRON RESONANCE IN SINGLE CRYSTAL GRAPHITE AT 72
/GIGAHERTZ/
PHYSICS LETTERS V25A N4 PP310-311 26 AUGUST 1967
BY OBHLEN H F
FONEN S
OAH ACCESS NO.....007912-031
DOC NUMBER.....AD662422
INSTH...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-2728
UNIVERSITY OF NEW YORK
LOW-TEMPERATURE RESISTIVITY AND THE SIGN OF THE EXCHANGE
INTEGRAL
JOURNAL OF APPLIED PHYSICS V38 N3 PP 1155-1156 1 MAR 1967
BY SARACHIK M P
SMALTELL D
OAH ACCESS NO.....017081-001
DOC NUMBER.....AD662475
INSTH...AF-AFOSH-0894-67
PROJECT/TASK.....9736/03

AFOSR 67-2729
STANFORD UNIVERSITY
THE USE OF PAIR-STATE REPORTS IN THE STUDY OF HYPNOTIC
ANALGESIA TO THE PAIN OF ICE WATER
THE JOURNAL OF NERVOUS AND MENTAL DISEASE V144 N6 PP506-513
1967
BY HILGARD E R
COOPER L W
LEAHY J
MORGAN A H
VIEVODSKY J
OAH ACCESS NO.....015470-009
DOC NUMBER.....AD662430
INSTH...AF-49/038/01430
PROJECT/TASK.....9778/01

AFOSR 67-2730
UNIVERSITY OF ROCHESTER
CORRELATION PROPERTIES OF BLACKBODY RADIATION III CROSS-
SPECTRAL TENSORS
PHYSICAL REVIEW V161 N3 PP1328-1334 25 SEP 1967
BY MEHTA C L
WOLF E
OAH ACCESS NO.....004623-013
DOC NUMBER.....AD662297
INSTH...AF-AFOSH-0237-65
PROJECT/TASK.....9767/02

AFOSR 67-2731
WASHINGTON UNIVERSITY
MAGNETIC FIELD-DEPENDENT ELASTIC EFFECTS IN THE CUBIC
ANTIFERROMAGNET /MUCHIUM MANGANESE TRIFLUORIDE/
SOLID STATE COMMUNICATIONS V5 PP735-738 1967
BY WELCHER H L
WILEY G I
STEVENS R W H
OAH ACCESS NO.....015780-001
DOC NUMBER.....AD662301
INSTH...AF-AFOSH-0041-65
PROJECT/TASK.....9767/01

AFOSR 67-2732
COLUMBIA UNIVERSITY
RADIO SPECTRA AND FERMI ACCELERATION BY SHOCKS
MONTHLY NOTICES ROYAL ASTRONOMICAL SOCIETY V119 PP205-220
1967
BY HUDSON P D
OAH ACCESS NO.....014240-012
DOC NUMBER.....AD662433
INSTH...AF-49/038/01358
PROJECT/TASK.....9774/01

AFOSR 67-2733
UNIVERSITY OF CALIFORNIA
SPACE CHEMISTRY
MCGRAW-HILL YEARBOOK SCIENCE AND TECHNOLOGY MCGRAW-HILL CO
NEW YORK N Y PP19-25 1967
BY LIBBY W F
OAR ACCESS NO.....012962-007
DOC NUMBER.....AD662453
INSTR...AF-AFOSR-0245-65
PROJECT/TASK.....9710/03

AFOSR 67-2734
UNIVERSITY OF MARYLAND
AN INEQUALITY FOR THE EIGENVALUES OF A CLASS OF SELF-
ADJOINT OPERATORS
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V71 N3
PP487-490 MAY 1967
BY STENGER W
OAR ACCESS NO.....001523-022
DOC NUMBER.....AD6624771
INSTR...AF-AFOSR-0400-64
PROJECT/TASK.....9747/01

AFOSR 67-2735
UNIVERSIDAD NACIONAL DE TRUJILLO
THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF
ADAPTATION TO HIGH ALTITUDE FINAL REPORT JULY 1967
OAR ACCESS NO.....022180-001
DOC NUMBER.....AD662631
INSTR...AF-AFOSR-088A-66
PROJECT/TASK.....9777/01

AFOSR 67-2736
COLUMBIA UNIVERSITY
COMMENT ON THE DEVIATION FROM AN INVERSE SIXTH POWER
POTENTIAL IN THE SCATTERING OF A POLAR MOLECULE BY
NONPOLAR GASES
THE JOURNAL OF CHEMICAL PHYSICS V47 N2 PP871-872 15 JUL 67
OAR ACCESS NO.....000063-002
DOC NUMBER.....AD661428
INSTR...AF-AFOSR-0330-66
PROJECT/TASK.....9767/01

AFOSR 67-2737
UNIVERSITY OF TEXAS
CRYSTAL CHEMISTRY OF AMSH2 STRUCTURES I INVESTIGATIONS ON
ABSD2 SECTIONS IN THE TERNARY SYSTEMS WARE EARTH-ALUMINUM-
SILICON - GERMANIUM AND - TIN
INORGANIC CHEMISTRY VA PP1789 1967
OAR ACCESS NO.....010751-009
DOC NUMBER.....AD662455
INSTR...AF-AFOSR-0906-65
PROJECT/TASK.....9761/02

AFOSR 67-2738
TEXAS A&M UNIVERSITY
CONTINUUM DISTORTIONS IN RELATIVISTIC THREE-PARTICLE
SCATTERING EQUATIONS
THE PHYSICAL REVIEW V160 N5 PP1459-1467 25 AUGUST 1967
OAR ACCESS NO.....017450-010
DOC NUMBER.....AD662448
INSTR...AF-AFOSR-0416-65
PROJECT/TASK.....9751/02

AFOSR 67-2739
CONNELL UNIVERSITY
SOLID STATE STUDIES OF ALKALI METALS IN TRANSITION-METAL
OXIDES
THE ALKALI METALS SPECIAL PUBLICATION N27 PP429-451 1967
OAR ACCESS NO.....003192-007
DOC NUMBER.....AD662463
INSTR...AF-AFOSR-0796-65
PROJECT/TASK.....9761/02

AFOSR 67-2740
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE EFFECTS OF HIGH MAGNETIC FIELDS ON THE ISOTHERMAL
DISSOLUTION AND GROWTH RATES OF FEROUS AMMONIUM SULFATE
HEXAHYDRATE AND POTASSIUM ALUMINUM SULFATE
JOURNAL OF CRYSTAL GROWTH V1 PP131-138 1967
OAR ACCESS NO.....007912-032
DOC NUMBER.....AD662650
INSTR...AF-AFOSR-07-C-0047
PROJECT/TASK.....9768/01

AFOSR 67-2741
WASHINGTON UNIVERSITY
PROPERTIES OF ELECTRICAL EXCITABLE MEMBRANES FINAL REPORT
NOV 1967
OAR ACCESS NO.....023160-001
DOC NUMBER.....AD662595
INSTR...AF-AFOSR-1209-67
PROJECT/TASK.....9777/01

AFOSR 67-2742
UNIVERSITY OF UTAH
PERIODICITY IN THE AUTONOMIC DISCHARGE FINAL REPORT NOV
1967
OAR ACCESS NO.....015770-002
DOC NUMBER.....AD662506
INSTR...AF-AFOSR-0748-65
PROJECT/TASK.....9777/01

AFOSR 67-2743
UNIVERSITY OF MICHIGAN
INSTRUCTIONS ABOUT HANDIENESS AND HUN DEPENDENCY IN T-0-
CHOICE LEARNING
JOURNAL OF EXPERIMENTAL PSYCHOLOGY V75 N2 PP279-282 1967
OAR ACCESS NO.....022070-003
DOC NUMBER.....AD662434
INSTR...AF-AFOSR-01731
PROJECT/TASK.....9778/01

AFOSR 67-2744
UNIVERSITY OF CALIFORNIA
STIMULATION OF JUPITERS RADIO EMISSION BY 10
NATURE V214 N5084 PP126-128 8 APRIL 1967
OAR ACCESS NO.....012962-008
DOC NUMBER.....AD662452
INSTR...AF-AFOSR-0245-65
PROJECT/TASK.....9710/03

AFOSR 67-2745
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY AND HANDIENESS
PHYSICS LETTERS V25A N3 PP226-227 AUGUST 14 1967
OAR ACCESS NO.....018831-006
DOC NUMBER.....AD662435
INSTR...AF-AFOSR-0631-67
PROJECT/TASK.....9763/03

AFOSR 67-2747
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
APPROACH TO MAGNETIC SATURATION IN SINGLE CRYSTAL THULIUM
AT 42 SUPER O K AND 180 KG
PHYSICS LETTERS V25A N4 PP321-322 28 AUGUST 1967
OAR ACCESS NO.....007012-033
DOC NUMBER.....AD662423
INSTR...AF-AFOSR-067-C-0047
PROJECT/TASK.....9764/01

AFOSR 67-2748
UNIVERSITY OF CALIFORNIA
RADIO REFLECTION BY FREE RADICALS IN EARTHS ATMOSPHERE
SCIENCE V156 N3783 PP1730-1732 30 JUNE 1967
OAR ACCESS NO.....012962-009
DOC NUMBER.....AD662465
INSTR...AF-AFOSR-0245-65
PROJECT/TASK.....9710/03

AFOSR 67-2749
TUFTS UNIVERSITY
ERRORS IN AUDITORY DIRECTION-FINDING AFTER COMPENSATION
FOR VISUAL RE-ARRANGEMENT
PERCEPTION & PSYCHOPHYSICS V2 N10 PP466-468 1967
OAR ACCESS NO.....014320-010
DOC NUMBER.....AD662654
INSTR...AF-AFOSR-0438-67
PROJECT/TASK.....9778/01

AFOSR 67-2750
INSTITUTO GEOGRAFICO Y CATASTRAL
RECORDING CAPABILITIES OF SOME SPANISH SEISMOLOGICAL
STATIONS
OAR ACCESS NO.....015960-017
DOC NUMBER.....AD662601
INSTR...AF-01/052/00657
PROJECT/TASK.....8025/00

AFOSR 67-2751
HOWONA COLLEGE
LOW ENERGY X-RAY AND ELECTRON PHYSICS FINAL REPORT DEC
1967
OAR ACCESS NO.....007143-006
DOC NUMBER.....AD662607
INSTR...AF-AFOSR-0689-68
PROJECT/TASK.....9767/01

AFOSR 67-2752
KANSAS STATE POLYTECHNIC INSTITUTE
FORCED OSCILLATIONS IN SECOND ORDER SYSTEMS WITH BOUNDED
NONLINEARITIES
DIFFERENTIAL EQUATIONS AND DYNAMICAL SYSTEMS ACADEMIC
PRESS N Y PP447-503 1967
OAR ACCESS NO.....014570-002
DOC NUMBER.....AD662441
INSTR...AF-AFOSR-0549-68
PROJECT/TASK.....9749/01

AFOSR 67-2753
FLORIDA STATE UNIVERSITY
NUCLEAR QUADRUPOLE RESONANCE OF DIAMMONIUM
PENTACHLOROQUINOLINATE
JOURNAL OF CHEMICAL PHYSICS V47 N3 PP1170-1173 1 AUGUST 1967
BY MOULTON W G
CAMP S L
GARRETT H B
DAR ACCESS NO.....003202-001
DOC NUMBER.....AD662476
INSTH...AF-AFOSR-0028-65
PROJECT/TASK.....9763/02

AFOSR 67-2754
UNIVERSITY OF VIRGINIA
RESONANCE SCATTERING IN IMPURE SUPERCONDUCTORS II - EFFECTS
OF CORRELATION AND DEGENERACY
NUOVO CIMENTO SERA V49 PP41-57 13 SEPTEMBER 1966
BY ZUCKERMAN M J
DAR ACCESS NO.....027120-003
DOC NUMBER.....AD662446
INSTH...AF-AFOSR-113H-66
PROJECT/TASK.....9763/02

AFOSR 67-2755
JOHNS HOPKINS UNIVERSITY
INTERPOLATING FAMILIES AND GENERALIZED CONVEX FUNCTIONS
DUKE MATHEMATICAL JOURNAL V38 N3 PP511-518 SEPTEMBER 1967
BY HARTMAN P
DAR ACCESS NO.....007403-009
DOC NUMBER.....AD662429
INSTH...AF-43/638/01302
PROJECT/TASK.....9749/02

AFOSR 67-2756
NORTHWESTERN UNIVERSITY
SUPERPARAMAGNETIC MAGNETOFERRITIC PRECIPITATES FROM
DILUTE SOLUTIONS OF IRON IN MAGNESIUM OXIDE
JOURNAL OF APPLIED PHYSICS V38 N4 PP379-3737 AUGUST 1967
BY WITZ G P
FINE M E
DAR ACCESS NO.....013070-005
DOC NUMBER.....AD662444
INSTH...AF-AFOSR-0327-63
PROJECT/TASK.....9763/01

AFOSR 67-2757
CONNELL UNIVERSITY
POLYNOMIALS ASSOCIATED WITH MEASURES IN THE COMPLEX
PLANE
JOURNAL OF MATHEMATICS AND MECHANICS V16 N9 PP997-1014
MARCH 1967
BY WIDOM H
DAR ACCESS NO.....013691-001
DOC NUMBER.....AD662472
INSTH...AF-AFOSR-0743-66
PROJECT/TASK.....9749/02

AFOSR 67-2758
CALIFORNIA INSTITUTE OF TECHNOLOGY
COMMENTS ON FRICTION CONSTANT FORMALISM
JOURNAL CHEMICAL PHYSICS V47 N4 PP1265-1270 15 AUG 1967
BY COLLINGS A F
DAR ACCESS NO.....014610-025
DOC NUMBER.....AD662457
INSTH...AF-49/638/01273
PROJECT/TASK.....9710/03

AFOSR 67-2759
UNIVERSITY OF MINNESOTA
ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL COMPLEX
VARIABLES
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V125 N1
PP7-12 OCT 1966
BY CAMERON M M
STORVICK D A
DAR ACCESS NO.....000412-011
DOC NUMBER.....AD662403
INSTH...AF-AFOSR-0311-63
PROJECT/TASK.....9749/02

AFOSR 67-2760
UNIVERSITY OF WASHINGTON
VIBRATIONAL SPECTRUM OF CYCLOPENTANE
JOURNAL CHEMICAL PHYSICS V47 N3 PP946-955 1 AUG 1967
BY EUBANK D I
WAGNER E J
SCHULTZ J W
JACKMAN L W
WIRING R B
DAR ACCESS NO.....026260-007
DOC NUMBER.....AD662460
INSTH...AF-47/638/00797
PROJECT/TASK.....9710/03

AFOSR 67-2761
INTERNATIONAL BUSINESS MACHINES CORPORATION
LOW-ENERGY-ELECTRON DIFFRACTION STUDY OF THE EPITAXY OF
SILICON ON SILICON
SURFACES AND INTERFACES I-CHEMICAL AND PHYSICAL
CHARACTERISTICS FOR A RECENT WEISS (ON SYMPOSIUM BY SYMPOSIUM
UNIV PRESS PP399-416 1967
BY JONA F
DAR ACCESS NO.....012540-014
DOC NUMBER.....AD662428
INSTH...AF-49/638/01201
PROJECT/TASK.....9749/02

AFOSR 67-2762
NATIONAL OBSERVATORY OF ATHENS
THE SEISMIC ACTIVITY IN THE CYPRUS AREA
SEP 1965
BY GALANPOULOS A G
DELBASIS N O
DAR ACCESS NO.....014970-007
DOC NUMBER.....AD662451
INSTH...AF-01/052/00803
PROJECT/TASK.....9652/00

AFOSR 67-2763
YALE UNIVERSITY
INTERFACES IN THE THEORY OF ELECTRON CORRELATIONS
ANNALEN DER PHYSIK SERP V18 N1-2 1966
BY STEPHEN M J
ONSAGER L
MITTAG L
DAR ACCESS NO.....020590-001
DOC NUMBER.....AD662436
INSTH...AF-AFOSR-1045-66
PROJECT/TASK.....9761/01

AFOSR 67-2764
UNIVERSITY OF ROCHESTER
BAND STRUCTURE DEFORMATION POTENTIALS AND EXCITON STATES
IN SOLID XENON
JOURNAL OF CHEMICAL PHYSICS V28 PP2067-2089 1967
BY REILLY M M
DAR ACCESS NO.....002743-012
DOC NUMBER.....AD662440
INSTH...AF-AFOSR-0011-64
PROJECT/TASK.....9761/01

AFOSR 67-2765
OHIO STATE UNIVERSITY
INFLUENCE OF NONMAGNETIC IMPURITIES ON SUPERCONDUCTORS WITH
OVERLAPPING BANDS
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS V28 PP1933-1940
1967
BY SUNG C C
WONG V K
DAR ACCESS NO.....017030-002
DOC NUMBER.....AD662431
INSTH...AF-AFOSR-0409-65
PROJECT/TASK.....9761/01

AFOSR 67-2766
UNIVERSITY OF CAMBRIDGE
APPROACH TO CURRENTS AND THE DERIVATION OF CURRENT
ALGEBRA
PHYSICAL REVIEW V154 N5 PP1623-1629 25 JUNE 1967
BY TAMM M U
DAR ACCESS NO.....013011-026
DOC NUMBER.....AD662431
INSTH...AF-EDAR-0216-65
PROJECT/TASK.....9751/01

AFOSR 67-2767
UNIVERSITY OF MINNESOTA
A TRANSLATION THEOREM FOR ANALYTIC FEYNMAN INTEGRALS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V125 N1
PP1-6 OCT 1966
BY CAMERON M M
STORVICK D A
DAR ACCESS NO.....000412-012
DOC NUMBER.....AD662442
INSTH...AF-AFOSR-0311-63
PROJECT/TASK.....9749/02

AFOSR 67-2768
YALE UNIVERSITY
GALVANOMAGNETIC AND RELATED EFFECTS IN TYPE-II
SUPERCONDUCTORS
PHYSICAL REVIEW LETTERS V16 N18 PP801-801 2 MAY 66
BY STEPHEN M J
DAR ACCESS NO.....020590-002
DOC NUMBER.....AD662436
INSTH...AF-AFOSR-1045-66
PROJECT/TASK.....9761/01

AFOSR 67-2769
YALE UNIVERSITY
RELAXATION OF THE SUPERCONDUCTING ORDER PARAMETER
THE PHYSICAL REVIEW V154 N2 PP369-381 10 FEBRUARY 1967
BY STEPHEN M J
LUCAS G
DAR ACCESS NO.....020590-003
DOC NUMBER.....AD662447
INSTH...AF-AFOSR-1045-66
PROJECT/TASK.....9761/01

AFOSR 67-2770
UNIVERSITY OF SOUTHERN CALIFORNIA
CORE REARRANGEMENT AND HANTREE-FOCK IONIZATION ENERGIES
PHYSICAL REVIEW V162 N1 PP105-107 1 OCTOBER 1967
BY CHOW P C
KLEINMAN L
DAR ACCESS NO.....021270-004
DOC NUMBER.....AD662445
INSTH...AF-AFOSR-1115-66
PROJECT/TASK.....9761/02

AFOSR 67-2771
UNIVERSITY OF CAMBRIDGE
THEOREM ON C-NUMBER SCHWINGER TERM
PHYSICAL REVIEW V154 N5 PP1427-1428 25 JULY 1967
BY LUB E Y C
DAR ACCESS NO.....013011-027
DOC NUMBER.....AD662431
INSTH...AF-AFOSR-1045-66
PROJECT/TASK.....9751/01

AFOSR 67-2772
CALIFORNIA INSTITUTE OF TECHNOLOGY
SELF-DIFFUSION IN SIMPLE LIQUIDS THE LINEAR TRAJECTORY
APPROXIMATION
JOURNAL PHYSICAL CHEMISTRY V71 PP3710-3711 1967
BY COLLINGS A F
PINGS C J
DAR ACCESS NO.....014610-026
DOC NUMBER.....AD62454
INSTH...AF-49/637/01271
PROJECT/TASK.....9710/03

AFOSR 67-2773
UNIVERSITY OF MICHIGAN
COLLECTION AND ANALYSIS OF SEISMIC WAVE PROPAGATION
DATA
AUGUST 1967
BY WILLIS O F
JACKSON M L
DAR ACCESS NO.....012372-002
DOC NUMBER.....AD657402
INSTH...AF-49/637/01759
PROJECT/TASK.....0652/00

AFOSR 67-2774
UNIVERSITY OF ILLINOIS
THE DIFFUSION OF CARBON IN NICKEL ABOVE AND BELOW THE CURIE
TEMPERATURE
TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME V239
PP705-709 MAY 1967
BY DIAMOND S
WERT C
DAR ACCESS NO.....002823-011
DOC NUMBER.....AD662495
INSTH...AF-AFOSR-0613-64
PROJECT/TASK.....9763/01

AFOSR 67-2775
UNIVERSITY OF ROCHESTER
DE-EXCITATION RATES OF EXCITED ELECTRONIC STATES IN SOLIDS
THE JOURNAL OF CHEMICAL PHYSICS V47 NO PP1379-1384 15
AUGUST 1967
BY GENTER D L
FOWLER M H
DAR ACCESS NO.....002743-013
DOC NUMBER.....AD662404
INSTH...AF-AFOSR-0611-64
PROJECT/TASK.....9761/01

AFOSR 67-2777
UNIVERSITY OF CALIFORNIA
GRINOV-POMERANCHUK PULSES IN SCATTERING AMPLITUDES
THE PHYSICAL REVIEW V190 NO PP1490-1493 25 AUG 1967
BY MANDELSTAM S
WANG L L
DAR ACCESS NO.....005134-017
DOC NUMBER.....AD662417
INSTH...AF-AFOSR-0232-66
PROJECT/TASK.....9761/01

AFOSR 67-2778
CONNELL UNIVERSITY
NEGATIVE RESULTS IN A SEARCH FOR RADIO EMISSION FROM
INFRARED AND T TAURI STARS
THE ASTROPHYSICAL JOURNAL V149 PP491-492 SEP 1967
BY COMELLA J
DAR ACCESS NO.....500001-007
DOC NUMBER.....AD662378
INSTH...F44620-67-C-0066
PROJECT/TASK.....2619/00

AFOSR 67-2779
UNIVERSITY OF LEYDEN
RESEARCH IN STATISTICAL MECHANICS FINAL REPORT OCT 1967
BY MAZUR P
DAR ACCESS NO.....032052-005
DOC NUMBER.....AD662440
INSTH...AF-EOAN -0009-62
PROJECT/TASK.....9767/01

AFOSR 67-2780
UNIVERSITY OF CHICAGO
INVESTIGATIONS IN THE FIELD OF RELATIONAL BIOLOGY FINAL
REPORT MARCH 1967
BY ROSEN R
DAR ACCESS NO.....007444-001
DOC NUMBER.....AD662430
INSTH...AF-AFOSR-0009-66
PROJECT/TASK.....7777/01

AFOSR 67-2781
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SENSORY PROPERTIES OF SOME UNITS IN THE TECTUM OF THE
FROG FINAL REPORT AUG 1967
BY LITVIN J Y
DAR ACCESS NO.....027920-002
DOC NUMBER.....AD662410
INSTH...F44620-67-C-0010
PROJECT/TASK.....9767/01

AFOSR 67-2782
MONONA COLLEGE
15-150 Å ULTRASOFT X-RAY REGION
X-RAY OPTICS AND MICROANALYSIS CONGRES INTERNATIONAL SUR
L OPTIQUE DES RAYONS X ET LA MICROANALYSE 4TH CDSAY
SEPTEMBER 1965 IMAGE A PART HERMANN PARIS PP440-453
BY HENKE R L
DAR ACCESS NO.....002143-007
DOC NUMBER.....AD662384
INSTH...AF-AFOSR-0081-64
PROJECT/TASK.....9767/01

AFOSR 67-2783
UNIVERSITY OF CALIFORNIA
1,4-ASYMMETRIC INDUCTION IN A TRANSAMINATION REACTION
JOURNAL AMERICAN CHEMICAL SOCIETY V89 NO PP5244-5249 27
SEP 1967
BY GUTHRIE M U
WEISTER W
CRAN D J
DAR ACCESS NO.....011701-005
DOC NUMBER.....AD662464
INSTH...AF-AFOSR-0124-65
PROJECT/TASK.....9762/02

AFOSR 67-2784
ISTITUTO ELETTROTECNICO NAZIONALE
DIGITAL TECHNIQUE FOR RECORDING TIME DEPENDENT SPECTRA
BY TIME TO PULSE HEIGHT CONVERSION PART A FINAL REPORT
APRIL 1967
BY MONTEGLIOLI G
BROVETTO P
CONTESI C
DAR ACCESS NO.....002723-002
DOC NUMBER.....AD662627
INSTH...AF-EOAN -0027-66
PROJECT/TASK.....9763/02

AFOSR 67-2785
ISTITUTO ELETTROTECNICO NAZIONALE
ON THE MEASUREMENT OF SMALL DEVIATIONS FROM THE OHMIC LAW
PART B FINAL REPORT MAY 1967
BY MONTEGLIOLI G
BROVETTO P
GUSCA G
DAR ACCESS NO.....002723-003
DOC NUMBER.....AD662625
INSTH...AF-EOAN -0027-66
PROJECT/TASK.....9763/02

AFOSR 67-2786
ISTITUTO ELETTROTECNICO NAZIONALE
TIME DEPENDENCE OF SPECTRAL COMPONENTS OF THE
ELECTROLUMINESCENCE OF ZNS SINGLE CRYSTALS PART C FINAL
REPORT AUG 1967
BY MONTEGLIOLI G
BROVETTO P
GUSCA G
CONTESI C
DAR ACCESS NO.....002723-004
DOC NUMBER.....AD662642
INSTH...AF-EOAN -0027-66
PROJECT/TASK.....9763/02

AFOSR 67-2787
STANFORD UNIVERSITY
SOME STRUCTURAL PROBLEMS OF SPACE FLIGHT
SUDAN 328 NOV 1967
BY JOFF N J
DAR ACCESS NO.....001403-024
DOC NUMBER.....AD662465
INSTH...AF-49/637/01276
PROJECT/TASK.....9762/01

AFOSR 67-2788
CARNEGIE INSTITUTE OF TECHNOLOGY
STUDIES OF THERMALLY ACTIVATED COUPLED-CURRENT PROCESSES
FINAL REPORT NOV 1967
BY POUND G M
DAR ACCESS NO.....018420-003
DOC NUMBER.....AD662613
INSTH...AF-AFOSR-0407-64
PROJECT/TASK.....9761/03

AFOSR 67-2790
NORTHWESTERN UNIVERSITY
STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE 5 LIO
SOLUTIONS FINAL REPORT NOV 1967
BY WHITTAIN J U
DAR ACCESS NO.....014050-002
DOC NUMBER.....AD662614
INSTH...AF-AFOSR-0400-64
PROJECT/TASK.....9763/02

AFOSR 67-2791
UNIVERSITY OF PENNSYLVANIA
SOLVENT ISOTOPE EFFECTS FOR ETHYLENEGLYCOL VS
ETHANOL FINAL REPORT NOV 1967
BY INGHAMTON L W
DAR ACCESS NO.....013951-001
DOC NUMBER.....AD662679
INSTH...AF-AFOSR-0412-65
PROJECT/TASK.....9762/03

AFOSR 67-2792
UNIVERSITA DI ROMA
RADIATIVE CORRECTIONS TO LEPTONIC DECAYS AND COMPOSITE
MODELS FOR STRONG INTERACTIONS
PHYSICS LETTERS V258 N2 PP132-135 AUGUST 1967
BY CAUDINO A
MATANI L
DEBARATA G
DAR ACCESS NO.....023430-001
DOC NUMBER.....AD662483
INSTH...F61052-67-C-0084
PROJECT/TASK.....9767/04

AFOSR 67-2793
IMPERIAL COLLEGE OF SCIENCE & TECHNOLOGY
RIDGE RULES AND HIGH-ENERGY SINGLE-PARTICLE PRODUCTION
PHYSICAL REVIEW V159 NO PP1297-1303 25 JULY 1967
BY HOPKINS H G
FRASER G M
DAR ACCESS NO.....010642-004
DOC NUMBER.....AD662490
INSTH...AF-EOAN -0012-67
PROJECT/TASK.....9767/04

AFOSR 67-2784
NORTHWESTERN UNIVERSITY
DIFFRACTION CONTRAST FROM NON-SPHERICAL DISTORTIONS - -
IN PARTICULAR A CUBICAL INCLUSION
PHILOSOPHICAL MAGAZINE VIA N182 PP479-590 OCTOBER 1967
OAH ACCESS NO.....013070-000
BY JASS S L
MURA T
COHEN J H
DOC NUMBER.....AD662486
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9763/01

AFOSR 67-2794
NEW YORK UNIVERSITY
AN EXTENSION OF THE KANTHOVICH METHOD
NYU-AA-66-70 AUG 1966
OAH ACCESS NO.....017021-001
BY KERR A D
INSTR...AF-AFOSR-0813-66
PROJECT/TASK.....9762/01

AFOSR 67-2795
MIDWEST RESEARCH INSTITUTE
DETERMINATION OF MIXED VIRIAL COEFFICIENTS FINAL REPORT DEC 1967
OAH ACCESS NO.....012791-001
BY BREWER J
DOC NUMBER.....AD662488
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9750/01

AFOSR 67-2796
PRINCETON UNIVERSITY
DIETETARY PHOSPHATE COMPLEXES OF COBALT SPECTRAL MAGNETIC
AND ELECTRON PARAMAGNETIC RESONANCE STUDIES
INORGANIC CHEMISTRY V6 N4 PP694-699 APR 1967
OAH ACCESS NO.....013391-000
BY MORRIS W D JR
VAN HECKE G R
HALL D D
DOC NUMBER.....AD662480
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9710/01

AFOSR 67-2797
PRINCETON UNIVERSITY
VIBRATIONAL SPECTRA AND FORCE CONSTANTS OF ZINC
TETRACYANATE ION ZINC TETRAISOTHIOCYANATE ION ZINC
TETRAISULFENOCYANATE ION
INORGANIC CHEMISTRY V6 N4 PP337-341 FEB 1967
OAH ACCESS NO.....013391-007
BY FORSTEN D
MORRIS W D JR
DOC NUMBER.....AD662482
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9710/01

AFOSR 67-2798
OHIO STATE UNIVERSITY
NUCLEAR MAGNETIC RELAXATION TIMES OF HELIUM THREE IN HELIUM
THREE - HELIUM FOUR SOLUTIONS
PHYSICS LETTERS V25A N3 PP216-217 14 AUGUST 1967
OAH ACCESS NO.....017030-003
BY SUNG C C
DOC NUMBER.....AD662484
INSTR...AF-AFOSR-0813-66
PROJECT/TASK.....9761/01

AFOSR 67-2800
UNIVERSITY OF UTAH
LASER TEMPERATURE-JUMP STUDIES OF FAST REACTIONS FINAL
REPORT NOV 1967
OAH ACCESS NO.....014211-001
BY FRYING E M
DOC NUMBER.....AD662485
INSTR...AF-AFOSR-0813-66
PROJECT/TASK.....9710/03

AFOSR 67-2802
IMPERIAL COLLEGE OF SCIENCE & TECHNOLOGY
A LIMITATION ON THE USE OF CURRENT ALGEBRA TECHNIQUES FOR
MESON DECAYS
NUOVO CIMENTO SERX V50 PP764-775 21 AUG 1967
OAH ACCESS NO.....010642-010
BY KELLET D H
DOC NUMBER.....AD662489
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9757/04

AFOSR 67-2803
UNIVERSITY OF COLORADO
TRANSITION FORM FACTORS IN THE N ATOM
PHYSICAL REVIEW V160 NO PP1149-1151 25 AUGUST 1967
OAH ACCESS NO.....013091-013
BY HADUT A U
KLINERT H
DOC NUMBER.....AD662492
INSTR...AF-AFOSR-0030-05
PROJECT/TASK.....9741/01

AFOSR 67-2804
UNIVERSITY OF COLORADO
DYNAMICAL GROUP O/A 2/ FOR BARYONS AND THE BEHAVIOR OF
FORM FACTORS
PHYSICAL REVIEW V161 N5 PP1464-1466 SEPT 1967
OAH ACCESS NO.....013091-014
BY HADUT A U
KLINERT H
DOC NUMBER.....AD662493
INSTR...AF-AFOSR-0030-05
PROJECT/TASK.....9741/01

AFOSR 67-2805
UNIVERSITY OF PISA
ON PERIOD RELATIONS FOR ABELIAN INTEGRALS ON ALGEBRAIC
CURVES
ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA CLASSE DI
SCIENZE V21 N11 PP189-238 1967
OAH ACCESS NO.....016790-009
BY ACHREOTTI A
MAYER A L
DOC NUMBER.....AD662497
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9749/02

AFOSR 67-2806
NATIONAL ACADEMY OF SCIENCES
CHEMISTRY PROGRAM OF THE AIR FORCE OFFICE OF SCIENTIFIC
RESEARCH FINAL REPORT OCT 1967
OAH ACCESS NO.....027410-001
BY ROGERS L B
JENSEN J A
DIGELSEN J
BUNHAM P A
HANNAY N D
DOC NUMBER.....AD662498
INSTR...AF-AFOSR-1302-67
PROJECT/TASK.....9762/01

AFOSR 67-2807
VANDERBILT UNIVERSITY
THE IODINATION OF COORDINATED IMIDAZOLE
JOURNAL AMERICAN CHEMICAL SOCIETY V88 N23 PP5537-5540
5 DEC 1966
OAH ACCESS NO.....019390-002
BY LAMBERT D G
JONES M M
DOC NUMBER.....AD662492
INSTR...AF-AFOSR-0630-64
PROJECT/TASK.....9760/02

AFOSR 67-2808
CARNEGIE-MELLON UNIVERSITY
AN INTRODUCTORY COURSE IN COMPUTER PROGRAMMING
OAH ACCESS NO.....022900-026
BY BRADEN R T
PERLIS A J
DOC NUMBER.....AD662492
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 67-2810
UNIVERSITY OF FLORIDA
MEASUREMENT OF PERMANENT GASES BY A FLAME EMISSION GAS
CHROMATOGRAPHIC DETECTOR
JOURNAL CHROMATOGRAPHY V30 PP335-343 1967
OAH ACCESS NO.....020431-004
BY OVERFIELD C V
WINEFORDEN J D
DOC NUMBER.....AD662498
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 67-2811
VANDERBILT UNIVERSITY
THE RETARDATION OF LIGAND OXIDATIONS BY CO-COORDINATION
JOURNAL INORGANIC NUCLEAR CHEMISTRY V28 PP1927-1935 1966
OAH ACCESS NO.....019390-003
BY JONES M M
JOHNSTON D O
BARNETT C J
DOC NUMBER.....AD662494
INSTR...AF-AFOSR-0630-64
PROJECT/TASK.....9760/02

AFOSR 67-2812
UNIVERSITY OF FLORIDA
INFLUENCE OF TYPE OF TURBULENT FLAME ON LIMITS OF
EXTENSION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY
ANALYTICAL LETTERS V1 N1 PP43-54 1967
OAH ACCESS NO.....020431-004
BY HATZEL M P JR
WINEFORDEN J D
DOC NUMBER.....AD662499
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 67-2814
UNIVERSITY OF CALIFORNIA
DENSELY STOCHASTIC ASSOCIATED MATRICES
UKL MATHEMATICAL JOURNAL V34 N3 PP541-549 SEPTEMBER 1967
OAH ACCESS NO.....014431-004
BY MARCUS M
NEWMAN M
DOC NUMBER.....AD662507
INSTR...AF-AFOSR-0630-67
PROJECT/TASK.....9749/01

AFOSR 67-2815
INSTITUTE FOR FORMAL STUDIES
LANGUAGE IDENTIFICATION IN THE LIMIT
INFORMATION AND CONTROL V10 N5 PP467-474 MAY 1967
OAH ACCESS NO.....017532-001
BY GOLD E H
DOC NUMBER.....AD662508
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9767/03

AFOSR 67-2816
SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS
THE APPLICATIONS OF GENERALIZED FUNCTIONS
FINAL REPORT DEC 1967
OAH ACCESS NO.....021400-001
BY ZEMANIAN A H
DOC NUMBER.....AD662509
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9749/01

AFOSR 67-2817
YALE UNIVERSITY
THEORY OF ORBITS IN THE RESTRICTED PROBLEM OF THREE BODIES
ACADEMIC PRESS N Y 1967
BY SZFELMEL V
DAR ACCESS NO.....011494-006
DDC NUMBER.....AD662803
INSTR...AF-AFOSR-0347-67
PROJECT/TASK.....9749/01

AFOSR 67-2818
UNIVERSITY OF CALIFORNIA
AN INEQUALITY FOR LINEAR TRANSFORMATIONS
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY V8 N5
P273-297 OCTOBER 1967
BY MARCUS M
DAR ACCESS NO.....014931-25
DDC NUMBER.....AD662803
INSTR...AF-AFOSR-0698-67
PROJECT/TASK.....9749/01

AFOSR 67-2819
STANFORD UNIVERSITY
COULOMB CORRECTIONS TO INELASTIC ELECTRON SCATTERING
PHYSICAL REVIEW V157 N4 PP895-906 20 MAY 1967
BY CUTLER L S
DAR ACCESS NO.....001793-102
DDC NUMBER.....AD662830
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 67-2820
STANFORD UNIVERSITY
RELATIVISTIC 3-DIMENSIONAL 2-BODY INTEGRAL EQUATIONS ON-
SHELL AND OFF-SHELL FORMALISMS
PHYSICAL REVIEW V160 N5 PP1522-1539 25 AUG 1967
BY NAMYSLOWSKI J M
DAR ACCESS NO.....001793-103
DDC NUMBER.....AD662833
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 67-2821
STANFORD UNIVERSITY
QUANTUM THEORY OF SUPERFLUID VORTICES I LIQUID HELIUM II
PHYSICAL REVIEW V162 N1 PP143-151 5 OCT 1967
BY FETTER A L
DAR ACCESS NO.....001793-104
DDC NUMBER.....AD662831
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 67-2822
STANFORD UNIVERSITY
ANALYSIS OF 3-BODY ANGULAR MOMENTUM STATES IN PI N
INTERACTIONS
PHYSICAL REVIEW V157 N5 PP1328-1343 25 MAY 1967
BY NAMYSLOWSKI J M
WAZMI M S K
ROBERTS R G
DAR ACCESS NO.....001793-105
DDC NUMBER.....AD662832
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 67-2823
STANFORD UNIVERSITY
QUARKS AND MAGNETIC POLES
PHYSICAL REVIEW V160 N5 PP1257-1262 25 AUG 1967
BY SCHIFF L I
DAR ACCESS NO.....001793-106
DDC NUMBER.....AD662834
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 67-2824
STANFORD UNIVERSITY
DISPERSION CORRECTIONS TO THE LEVELS OF MUONIC ATOMS
PHYSICS LETTERS V258 N1 PP178-180 21 AUG 67
BY CHILF M R JR
DAR ACCESS NO.....001793-107
DDC NUMBER.....AD662832
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 67-2825
STANFORD UNIVERSITY
STRUCTURE OF UNITARY SCATTERING AMPLITUDES
PHYSICAL REVIEW V161 N5 PP1528-1537 25 SEP 1967
BY MARTIN A W
DAR ACCESS NO.....001793-108
DDC NUMBER.....AD662937
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 67-2826
UNIVERSITY OF MASSACHUSETTS
THE USES OF NUCLEAR MAGNETIC RESONANCE IN THE STUDY OF
LIGAND SUBSTITUTION PROCESSES
COORDINATION CHEMISTRY REVIEWS V2 PP349-370 1967
BY STENGLE T H
LANGFORD C W
DAR ACCESS NO.....013411-006
DDC NUMBER.....AD663004
INSTR...AF-AFOSR-02-65
PROJECT/TASK.....1700/02

AFOSR 67-2827
MICE UNIVERSITY
ON THE MINIMIZATION OF THE PRODUCT OF THE POWERS OF
SEVERAL INTEGRALS
JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS VI N1 PP70
-82 JULY 1967
BY MIELE A
DAR ACCESS NO.....016481-004
DDC NUMBER.....AD662811
INSTR...AF-AFOSR-0828-67
PROJECT/TASK.....9749/01

AFOSR 67-2828
VANDERBILT UNIVERSITY
THE MASKING OF LIGAND REACTIVITY BY COORDINATION
ADVANCES IN CHEMISTRY SERIES NO 62 - BERNER CENTENNIAL
PP229-252 AMERICAN CHEMICAL SOCIETY WASH DC 1966
BY JONES M W
DAR ACCESS NO.....019390-004
DDC NUMBER.....AD662816
INSTR...AF-AFOSR-0630-66
PROJECT/TASK.....9760/02

AFOSR 67-2829
UNIVERSITY OF SOUTHERN CALIFORNIA
SECONDARY ELECTRON EMISSION IN THE ELECTRON PROBE
X-RAY OPTICS AND MICROANALYSIS CONGRES INTERNATIONAL SUM
L OPTIQUE DES RAYONS X ET LA MICROANALYSE ATR PP168-180
URSAI SEPTEMBER 1965 TIRAGE A PART MERMANN PARIS
BY WITTRY D B
DAR ACCESS NO.....011911-006
DDC NUMBER.....AD662817
INSTR...AF-AFOSR-0076-68
PROJECT/TASK.....9761/03

AFOSR 67-2830
UNIVERSITY OF SOUTHERN CALIFORNIA
ELECTRON PROBE ANALYSIS OF SEMICONDUCTORS FINAL REPORT SEPT
BY WITTRY D B
KYSER D F
DAR ACCESS NO.....011911-007
DDC NUMBER.....AD663242
INSTR...AF-AFOSR-0076-66
PROJECT/TASK.....9761/03

AFOSR 67-2831
VISHVA UNIVERSITY
CHARGE SUPERSELECTION RULE
PHYSICAL REVIEW V155 N5 PP1432-1431 25 MAR 1967
BY AMARONOV Y
SUSSKIND L
DAR ACCESS NO.....017090-005
DDC NUMBER.....AD662823
INSTR...AF-AFOSR-0816-65
PROJECT/TASK.....9767/04

AFOSR 67-2832
VANDERBILT UNIVERSITY
OXIDATION OF SOME CHELATING AGENTS AND COMPLEXES WITH
ALKALINE FERRICYANIDE
JOURNAL AMERICAN CHEMICAL SOCIETY V88 N20 PP4615-4618
20 OCT 1966
BY LANHEIT D G
JOHNS M M
DAR ACCESS NO.....019390-005
DDC NUMBER.....AD662818
INSTR...AF-AFOSR-0630-64
PROJECT/TASK.....9760/02

AFOSR 67-2833
CALIFORNIA INSTITUTE OF TECHNOLOGY
MECHANISMS OF INNATE PATTERN LEARNING MEMORY AND HEAD-OUT
WITHIN SINGLE NEURONS FINAL REPORT DEC 1967
BY STRUMWASSER F
DAR ACCESS NO.....015410-003
DDC NUMBER.....AD662995
INSTR...AF-49/638/01447
PROJECT/TASK.....9777/01

AFOSR 67-2834
TEXAS A&M UNIVERSITY
KOHN VARIATIONAL PRINCIPLE FOR THREE-PARTICLE SCATTERING
PHYSICAL REVIEW LETTERS V19 N8
BY NUTTALL J
DAR ACCESS NO.....017451-001
DDC NUMBER.....AD662850
INSTR...AF-AFOSR-0911-67
PROJECT/TASK.....9751/02

AFOSR 67-2835
UNIVERSITY OF MARYLAND
EQUAL-TIME COMMUTATOR AND ZERO-ENERGY THEOREM IN THE LEE
MODEL
THE PHYSICAL REVIEW V162 N5 PP1747-1750 25 OCTOBER 1967
BY BHANCI R A
ORZALESI C A
DAR ACCESS NO.....002223-014
DDC NUMBER.....AD662813
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 67-2836
PENNSYLVANIA STATE UNIVERSITY
AN ELASTO-PLASTIC ANALYSIS OF CIRCULAR RINGS WITH
TEMPERATURE DEPENDENT YIELD STRESS
BY PATEL N T
HU L W
DAR ACCESS NO.....005196-001
DDC NUMBER.....AD665140
INSTR...AF-AFOSR-0127-67
PROJECT/TASK.....9782/02

AFOSR 67-2837
PENNSYLVANIA STATE UNIVERSITY
PATIQUET STRENGTH - STRESS CONCENTRATION EQUATION FOR
ALUMINUM ALLOY P43-73
BY HU L W
MORALES W J
DAR ACCESS NO.....005196-004
DOC NUMBER.....AD663072
INSTR...AF-AFOSR-0127-67
PROJECT/TASK.....9782/02

AFOSR 67-2838
PENNSYLVANIA STATE UNIVERSITY
ANALYSIS OF SHORT WED-STIFFENED SANDWICH SHELL WITH
CLOSED ENDS UNDER EXTERNAL PRESSURE
BY PETERSON H A
HU L W
DAR ACCESS NO.....005196-002
DOC NUMBER.....AD663139
INSTR...AF-AFOSR-0127-67
PROJECT/TASK.....9782/02

AFOSR 67-2839
PENNSYLVANIA STATE UNIVERSITY
ELASTIC BUCKLING AND PLASTIC COLLAPSE OF CIRCULAR
TUBES UNDER HYDROSTATIC PRESSURE
BY HU L W
GEIGEN W
DAR ACCESS NO.....005196-003
DOC NUMBER.....AD663138
INSTR...AF-AFOSR-0127-67
PROJECT/TASK.....9782/02

AFOSR 67-2840
RICE UNIVERSITY
ON OPTIMUM WINGS AND SEMICONES IN HYPERSONIC VISCOUS
FLOW
AIAA JOURNAL V5 N1 PP177-179 JANUARY 1967
BY NICLE A
LUSTY A H JR
DAR ACCESS NO.....016441-005
DOC NUMBER.....AD663331
INSTR...AF-AFOSR-0828-67
PROJECT/TASK.....9749/01

AFOSR 67-2841
UNIVERSITY OF MINNESOTA
TORSIONAL COORDINATES IN VIBRATIONAL ANHARMONICITY
APPLICATION TO ETHYLENE
JOURNAL CHEMICAL PHYSICS V44 N11 PP4186-4194 1 JUNE 1966
BY MACHIDA K
DAR ACCESS NO.....010070-001
DOC NUMBER.....AD663063
INSTR...AF-AFOSR-0154-62
PROJECT/TASK.....9760/01

AFOSR 67-2842
UNIVERSITY OF MINNESOTA
IMPORTANCE OF QUADRATIC FORCE CONSTANTS IN FERMI
RESONANCE
JOURNAL CHEMICAL PHYSICS V47 N4 PP1525-1530 15 AUG 1967
BY REICHMAN S
OVEREND J
DAR ACCESS NO.....010072-002
DOC NUMBER.....AD663064
INSTR...AF-AFOSR-0570-67
PROJECT/TASK.....9760/01

AFOSR 67-2843
UNIVERSITY OF MINNESOTA
GENERAL QUARTIC FORCE FIELD OF HCN
JOURNAL CHEMICAL PHYSICS V44 N9 PP3561-3567 1 MAY 1966
BY SUZUKI I
PARISEAU M A
OVEREND J
DAR ACCESS NO.....010071-001
DOC NUMBER.....AD663065
INSTR...AF-AFOSR-0570-68
PROJECT/TASK.....9760/01

AFOSR 67-2844
UNIVERSITY OF MINNESOTA
ANHARMONICITY IN THE SYMMETRIC AND ASYMMETRIC CH
VIBRATIONS OF ETHYLENE
JOURNAL CHEMICAL PHYSICS V46 N9 PP3512-3514 1 MAY 1967
BY MACHIDA K
OVEREND J
DAR ACCESS NO.....010071-002
DOC NUMBER.....AD663066
INSTR...AF-AFOSR-0570-68
PROJECT/TASK.....9760/01

AFOSR 67-2845
UNIVERSITY OF CALIFORNIA
LENGTHS OF TENSORS
INEQUALITIES PROCEEDINGS OF AN INTERNATIONAL SYMPOSIUM
EDITED BY OVED SHISHA PP163-176 NEW YORK ACADEMIC PRESS 1967
BY MARCUS M
DAR ACCESS NO.....014930-023
INSTR...AF-AFOSR-0498-65
PROJECT/TASK.....9749/01

AFOSR 67-2846
UNIVERSITY OF SOUTHERN CALIFORNIA
MATHEMATICAL THEORY OF CONTINUUM PROCEEDINGS, UNIV
SOUTHERN CALIFORNIA LOS ANGELES, JANUARY 30-FEBRUARY 1,
1967 450P NEW YORK ACADEMIC PRESS 1967
BY JALAKRISHNAN A V
NEUSTADT L W
DAR ACCESS NO.....022720-001
DOC NUMBER.....AD663074
INSTR...AF-AFOSR-1210-67
PROJECT/TASK.....9749/01

AFOSR 67-2847
NEW YORK UNIVERSITY
LOWER BOUNDS AND UNIQUENESS THEOREMS FOR SOLUTIONS OF
DIFFERENTIAL EQUATIONS IN A HILBERT SPACE
COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS V20 N1 PP207
-229 FEBRUARY 1967
BY AGMON S
NIRENBERG L
DAR ACCESS NO.....019500-003
DOC NUMBER.....AD663033
INSTR...AF-AFOSR-0684-64
PROJECT/TASK.....9749/02

AFOSR 67-2848
NEW YORK UNIVERSITY
REPRESENTATIONS OF THE ALGEBRA OF ALL OPERATORS IN
HILBERT SPACE AND RELATED ANALYTIC FUNCTION ALGEBRAS
COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS V20 N2
PP437-492 MAY 1967
BY PORTA H
SCHWARTZ J T
DAR ACCESS NO.....019500-004
DOC NUMBER.....AD663034
INSTR...AF-AFOSR-0684-64
PROJECT/TASK.....9749/02

AFOSR 67-2849
NEW YORK UNIVERSITY
COMPLEX FOURIER TRANSFORM TECHNIQUE IN VARIABLE
COEFFICIENT PARTIAL DIFFERENTIAL EQUATIONS
JOURNAL D'ANALYSE MATHÉMATIQUE V19 PP75-95 1967
BY EHRENPREIS L
DAR ACCESS NO.....019500-005
DOC NUMBER.....AD663035
INSTR...AF-AFOSR-0684-64
PROJECT/TASK.....9749/02

AFOSR 67-2850
NEW YORK UNIVERSITY
ON STABILITY FOR DIFFERENCE SCHEMES A SHARP FORM OF
GARDING'S INEQUALITY
COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS V19 N4 PP473
-492 NOVEMBER 1966
BY LAX P D
NIRENBERG L
DAR ACCESS NO.....019500-006
DOC NUMBER.....AD663036
INSTR...AF-AFOSR-0684-64
PROJECT/TASK.....9749/02

AFOSR 67-2851
NEW YORK UNIVERSITY
ON A THEOREM OF P NOWACAD
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS V17 N1
PP61-67 JANUARY 1967
BY KARLIN S
NIRENBERG L
DAR ACCESS NO.....019500-007
DOC NUMBER.....AD663037
INSTR...AF-AFOSR-0684-64
PROJECT/TASK.....9749/02

AFOSR 67-2852
NEW YORK UNIVERSITY
AN EXTENDED INTERPOLATION INEQUALITY
CLASSE DI SCIENZE V20 N4 PP733-737 1966
BY NIRENBERG L
DAR ACCESS NO.....019500-008
DOC NUMBER.....AD663038
INSTR...AF-AFOSR-0684-64
PROJECT/TASK.....9749/02

AFOSR 67-2853
UNIVERSITY OF MINNESOTA
TITRATION OF BASES IN ACETONITRILE
ANALYTICAL CHEMISTRY V39 N13 PP1627-1633 NOV 1967
BY KOLTHOFF I M
CHANTONNI M K JR
HUMMEL S
DAR ACCESS NO.....022320-002
DOC NUMBER.....AD663067
INSTR...AF-AFOSR-1223-67
PROJECT/TASK.....9710/03

AFOSR 67-2854
UNIVERSITY OF CHICAGO
COSMIC-RAY RADIAL DENSITY GRADIENT AND ITS RIGIDITY
DEPENDENCE OBSERVED AT SOLAR MINIMUM ON MARINER IV
THE ASTROPHYSICAL JOURNAL V150 PP675-678 NOV 1967
BY O GALLAGHER J J
DAR ACCESS NO.....000625-011
DOC NUMBER.....AD663039
INSTR...AF-69/03N/01682
PROJECT/TASK.....9751/06

AFOSR 67-2855
LAMONT GEOLOGICAL OBSERVATORY
ON THE TRAVEL TIMES OF P AS OBTAINED FROM THE NUCLEAR
EXPLOSIONS BILBY AND SHOAL
PHYS EARTH PLANETARY INTERIORS VI PP14-23 1967
BY LEHMANN I
DAR ACCESS NO.....011391-004
DOC NUMBER.....AD663068
INSTR...AF-AFOSR-0887-65
PROJECT/TASK.....8652/00

AFOSR 67-2856
DURHAM UNIVERSITY
ANALYSIS OF COSMIC RAY EXPERIMENTS FINAL REPORT AUG 1967
BY WOLFENDALE A W
DAR ACCESS NO.....021640-003
DOC NUMBER.....AD663030
INSTR...AF-61/052/00929
PROJECT/TASK.....9751/04

AFOSR 67-2857

NEW REACTION OF THIONYL CHLORIDE WITH A CARBOXYLIC
ACID IN THE PRESENCE OF A TERTIARY AMINE IN A-
CRYSTALLOGRAPHIC PROOF OF STRUCTURE OF ALPHA-CHLORO-ALPHA-
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N3 P3533-3449 A NOV
1967

BY SIMON M S
ROGERS J B
SAENGER W
GUOGOUTAS J Z

DAR ACCESS NO.....020460-001
DOC NUMBER.....A0661032
INSTR...AF-AFOSR-1039-66
PROJECT/TASK.....9742/01

AFOSR 67-2858

STANFORD UNIVERSITY
ATTENUATION OF SEISMIC BODY WAVES IN THE MANTLE
GEOPHYSICAL JOURNAL OF THE ROYAL ASTRONOMICAL SOCIETY
VIA PP165-170 1967

BY KOVACH H L

DAR ACCESS NO.....020460-001
DOC NUMBER.....A0661032
INSTR...AF-AFOSR-1039-66
PROJECT/TASK.....9742/01

AFOSR 67-2859

UNIVERSITY OF SOUTHERN CALIFORNIA
OPTIMAL FILTERING FOR CORRELATED NOISE
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS V20
N1 PP1-8 OCT 1967

BY HUCY R S

DAR ACCESS NO.....021751-001
DOC NUMBER.....A066225
INSTR...AF-AFOSR-1244-67
PROJECT/TASK.....9749/01

AFOSR 67-2860

UNIVERSITY OF ALASKA
THE JUNE 21 1967 EARTHQUAKE SEWIS AT FAIRBANKS ALASKA
AFTERSHOCK LOCATIONS DEPTHS AND MAGNITUDES

BY BERG E
GODFREY L
KUDOTA S
HANSON K
KICMEL

DAR ACCESS NO.....019601-003
DOC NUMBER.....A0663237
INSTR...AF-AFOSR-0701-66
PROJECT/TASK.....8642/00

AFOSR 68-

CALIFORNIA UNIV ELECTRONICS RESCH LAB
THIN FILM MAGNETIZATION ANALYSIS
PROC IRE 47 1237-1244 JULY 1959

BY CHU K
SINGER J R

DAR ACCESS NO.....000090-006
DOC NUMBER.....A0663309
INSTR...AF-AFOSR-0264-62
PROJECT/TASK.....9749/01

AFOSR 68-0001

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DYNAMIC STABILITY OF A PENOLLUM UNDER COEXISTENCE OF
PARAMETRIC AND FORCED EXCITATION
ASRL TR 134-5 DEC 1967

BY CHHATPAH C K
DUGUNDJI J

DAR ACCESS NO.....001362-005
DOC NUMBER.....A0665119
INSTR...AF-AFOSR-0701-66
PROJECT/TASK.....9742/01

AFOSR 68-0002

ATLANTIC RESEARCH CORPORATION
RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID
OXIDIZERS FINAL REPORT DEC 1967

BY ELME G V
MCMALE L T
FRIEDMAN H
LEVY J H

DAR ACCESS NO.....017041-004
DOC NUMBER.....A0665489
INSTR...AF-AFOSR-01645
PROJECT/TASK.....9713/01

AFOSR 68-0004

GIANNINI SCIENTIFIC CORPORATION
LOSSES IN PLASMA ACCELERATION
TR 117-1743 NOV 1967

BY DUCATI A C

DAR ACCESS NO.....010922-001
DOC NUMBER.....A0665112
INSTR...AF-AFOSR-01743
PROJECT/TASK.....9752/01

AFOSR 68-0005

UNIVERSITY OF TEXAS
DESIGN OF ADAPTIVE CONTROL SYSTEMS THROUGH UTILIZATION OF
SENSITIVITY CONCEPTS
JSEP TECHNICAL REPORT NO 41 JAN 1968

BY MASTEN M K
WOMACK B F

DAR ACCESS NO.....014242-045
DOC NUMBER.....A0664412
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-0007

UNIVERSITY OF ATHENS
AFTERSHOCK SEQUENCES OF SOME LARGE EARTHQUAKES IN THE
REGION OF GREECE
ANNALI DI GEOPISICA V20 N1 PP1-93 1967

BY PAPAZACHOS R
DELRABIS H
LIAPIS M
MOUNCULIOIS G
PURCARU G

DAR ACCESS NO.....014877-008
DOC NUMBER.....A0663238
INSTR...AF-AFOSR-00403
PROJECT/TASK.....

AFOSR 68-0008

UNIVERSITY OF ATHENS
THE SEISMOTECTONIC REGIME IN GREECE
ANNALI DI GEOPISICA V20 N1 PP109-119 1967

BY GALANODIULOS A G

DAR ACCESS NO.....014877-009
DOC NUMBER.....A0663301
INSTR...AF-AFOSR-00403
PROJECT/TASK.....8652/00

AFOSR 68-0009

TEXAS INSTRUMENTS INCORPORATED
JAHN-TILLER EFFECT OF A DI ICM IN EIGHTFOLD CUBIC
COORDINATION
THE PHYSICAL REVIEW V162 N2 PP262-273 10 OCTOBER 1967

BY HOCKEY U T

DAR ACCESS NO.....027700-001
DOC NUMBER.....A0663318
INSTR...AF-AFOSR-0649-68
PROJECT/TASK.....9763/02

AFOSR 68-0010

WAYNE STATE UNIVERSITY
VARIABLE-WIDTH GATE FOR KAMM-BUHM PULSE HEIGHT DETECTOR
REVIEW OF SCIENTIFIC INSTRUMENTS V38 N10 PP1536-1537 OCTOBER
1967

BY DUNLEY J W

DAR ACCESS NO.....006593-002
DOC NUMBER.....A0663324
INSTR...AF-AFOSR-0649-68
PROJECT/TASK.....9763/02

AFOSR 68-0011

UNIVERSITY OF TORONTO
A SEARCH FOR OPTIMUM METHODS FOR THE NUMERICAL INTEGRATION
OF ORDINARY DIFFERENTIAL EQUATIONS
SIAM REVIEW V9 N4 PP647-654 OCT 1967

BY WALL F E

DAR ACCESS NO.....009410-003
DOC NUMBER.....A0663309
INSTR...AF-AFOSR-0264-62
PROJECT/TASK.....9749/01

AFOSR 68-0012

GEORGETOWN UNIVERSITY
THE HETEROPOLY-12-NIOODMANGANATE/IV ANION
JOURNAL OF CHEMICAL PHYSICS V47 1967

BY DALL J W
POPE M T

DAR ACCESS NO.....020860-001
DOC NUMBER.....A0663320
INSTR...AF-AFOSR-1066-68
PROJECT/TASK.....9710/01

AFOSR 68-0013

UNIVERSITY OF MICHIGAN
NOTE ON DIFFRACTION BY A DISC
PHOTOCAM PHIL SOC V63 PT 3 PP451-453 1967

BY SENS A E
JONES D S

DAR ACCESS NO.....010982-004
DOC NUMBER.....A0663325
INSTR...AF-AFOSR-0374-65
PROJECT/TASK.....9749/01

AFOSR 68-0014

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MOSSBAUER STUDY OF FERRIMAGNETIC ORDERING IN NICKEL
FERRITE AND CHROMIUM-SUBSTITUTED NICKEL FERRITE
PHYSICAL REVIEW LETTERS V19 N10 PP572-574 4 SEPTEMBER 1967

BY CHAPPERT J
FRANKEL H B

DAR ACCESS NO.....007912-034
DOC NUMBER.....A0663305
INSTR...AF-AFOSR-0649-68
PROJECT/TASK.....9764/01

AFOSR 68-0015

UNIVERSITY OF CONNECTICUT
ENERGY GAP AND THERMAL CONDUCTIVITY OF PURE AND IMPURE
SUPERCONDUCTING TIN
THE PHYSICAL REVIEW V154 N2 PP338-345 10 FEBRUARY 1967

BY ULPHICH C W
WANKOETZ D
WINTERH M
WERNIGLOS C A

DAR ACCESS NO.....014370-002
DOC NUMBER.....A0663317
INSTR...AF-AFOSR-0649-68
PROJECT/TASK.....9761/03

AFOSR 68-0018
UNIVERSITY OF CONNECTICUT
SUPERCONDUCTING AND NORMAL-STATE THERMAL CONDUCTIVITY OF
IMPURE TIN
THE PHYSICAL REVIEW NS4 N2 PP329-337 10 FEBRUARY 1967
BY PEARSON G J
ULMICH C W
GUTHS J F
MITCHELL M A
REYNOLDS C A
DAR ACCESS NO.....014370-003
DOC NUMBER.....AD663303
INSTR...AF-AFOSR-047A-64
PROJECT/TASK.....9761/03

AFOSR 68-0017
UNIVERSITY OF CONNECTICUT
ELECTROSTATIC EFFECT AND SUPERCONDUCTIVITY IN TINY
SAMPLES
PHYSICS V3 N4 PP192-219 1967
BY WANKOWITZ G
DAR ACCESS NO.....014370-004
DOC NUMBER.....AD663304
INSTR...AF-AFOSR-047A-64
PROJECT/TASK.....9761/03

AFOSR 68-0016
UNIVERSITY OF MICHIGAN
ON AN INTEGRAL EQUATION IN DIFFRACTION THEORY
COMPOSITION MATHEMATICA VIA N1 2 PP49-56 1967
BY HEINS A E
DAR ACCESS NO.....010482-005
DOC NUMBER.....AD663300
INSTR...AF-AFOSR-037A-65
PROJECT/TASK.....9749/01

AFOSR 68-0019
MELLON INSTITUTE
SIMPLE CIRCUIT FOR NOISE GLOVE CONTROL
THE REVIEW OF SCIENTIFIC INSTRUMENTS V38 N7 PP983-984
JULY 1967
BY HAND C W
DAR ACCESS NO.....020080-002
DOC NUMBER.....AD663310
INSTR...AF-AFOSR-0976-66
PROJECT/TASK.....9710/03

AFOSR 68-0020
WESLEYAN UNIVERSITY
THE RANGE OF FERROMAGNETIC EXCHANGE INTERACTIONS
JOURNAL OF APPLIED PHYSICS V38 N3 PP922-927 1 MARCH 1967
BY TROUSDALE W L
LONGWORTH G
KITCHENS F A
DAR ACCESS NO.....018540-002
DOC NUMBER.....AD663302
INSTR...AF-AFOSR-0635-64
PROJECT/TASK.....9763/03

AFOSR 68-0021
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LOW TEMPERATURE SPECIFIC HEAT OF DILUTE MAGNETIC ALLOYS
PHYSICS LETTERS V24A N2 PP77-78 10 JANUARY 1967
BY KIM D J
SCHWARTZ M H
DAR ACCESS NO.....007912-035
DOC NUMBER.....AD663307
INSTR...F44620-67-C-0047
PROJECT/TASK.....9744/01

AFOSR 68-0022
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
INTERBAND MAGNETOREFLECTION AND BAND STRUCTURE OF HGTE
THE PHYSICAL REVIEW V181 N3 PP77-79 15 SEPTEMBER 1967
BY GROVES S H
HODON M M
PINGSON C H
DAR ACCESS NO.....007912-036
DOC NUMBER.....AD663309
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-0021
COLUMBIA UNIVERSITY
EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
REPORT NO 36 1967
BY LEVINE L S
DAR ACCESS NO.....009583-009
DOC NUMBER.....AD663212
INSTR...AF-AFOSR-0639/0163
PROJECT/TASK.....9752/01

AFOSR 68-0024
UNIVERSITY OF PITTSBURGH
POLITICAL ELITES A MODEL OF ANALYSIS
OCTOBER 1966
BY DECK C
WALLEY J M
DAR ACCESS NO.....018691-001
DOC NUMBER.....AD663449
INSTR...AF-AFOSR-0622-65
PROJECT/TASK.....9771/02

AFOSR 68-0025
UNIVERSITY OF WISCONSIN
THE WORK COMPONENTS STUDY A SET OF MEASURES FOR WORK
MOTIVATION
JOURNAL OF PSYCHOLOGICAL STUDIES V15 N1 PP1-11 1967
BY BONGATTA E F
DAR ACCESS NO.....015060-007
DOC NUMBER.....AD663330
INSTR...AF-AFOSR-0737-65
PROJECT/TASK.....9776/02

AFOSR 68-0029
UNIVERSITY OF CHICAGO
THEORY OF EXCITONS IN LIQUIDS III NONRESONANT BROADENING OF
IMPURITY SPECTRA IN SIMPLE LIQUIDS
JOURNAL CHEMICAL PHYSICS V47 N7 PP2297-2297 1 OCT 1967
BY PODIPLAWSKI J
RICE S A
DAR ACCESS NO.....018081-013
DOC NUMBER.....AD663322
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-0029
UNIVERSITY OF CHICAGO
MEMORY EFFECTS AND THE AUTOCORRELATION FUNCTION OF
DYNAMICAL VARIABLES
JOURNAL CHEMICAL PHYSICS V47 N7 PP2480-2490 1 OCT 1967
BY BUON J P
RICE S A
DAR ACCESS NO.....015061-014
DOC NUMBER.....AD663323
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-0030
ARIZONA STATE UNIVERSITY
SEMICONDUCTING PROPERTIES OF CUPROUS OXIDE AND RELATED
RESEARCH FINAL REPORT OCT 1967
BY J KEEFFE M
DAR ACCESS NO.....015150-002
DOC NUMBER.....AD663435
INSTR...AF-AFOSR-0719-65
PROJECT/TASK.....9763/02

AFOSR 68-0032
AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON INC
EXCEEDANCES OF STRUCTURAL INTERACTION BOUNDARIES FOR RANDOM
EXCITATION
DECEMBER 1967
BY HUBBOLT J C
DAR ACCESS NO.....020450-001
DOC NUMBER.....AD666942
INSTR...AF-AFOSR-0638/01640
PROJECT/TASK.....9782/01

AFOSR 68-0033
UNIVERSITY OF DELAWARE
POISSON TRANSFORM CHARACTERIZATION OF PHOTOELECTRIC COUNTS
TECH REPT 071 JUNE 1967
BY JACOB L E
DAR ACCESS NO.....010893-001
DOC NUMBER.....AD663468
INSTR...AF-AFOSR-0002-67
PROJECT/TASK.....9768/02

AFOSR 68-0034
UNIVERSITY OF UTAH
SURFACE TEMPERATURE MEASUREMENTS ON SOLID PROPELLANTS
DURING IGNITION
BY KELLER J A
DAER A D
RYAN N W
DAR ACCESS NO.....001080-001
DOC NUMBER.....AD663439
INSTR...AF-AFOSR-0040-67
PROJECT/TASK.....9711/01

AFOSR 68-0035
MUNCEYWELL INC
ODON SENSING CELL ULTRASTRUCTURE BY ELECTRON MICROSCOPY
FINAL REPORT OCT 1967
BY MEIST H C
DAR ACCESS NO.....019770-001
DOC NUMBER.....AD663439
INSTR...AF-AFOSR-0638/01616
PROJECT/TASK.....9777/01

AFOSR 68-0036
UNIVERSITY OF CALIFORNIA
LINEAR SEQUENTIAL CIRCUITS ANALYSIS SYNTHESIS AND
APPLICATIONS
MCGRAW-HILL BOOK COMPANY NEW YORK N Y
BY GILL A
DAR ACCESS NO.....019442-001
DOC NUMBER.....AD663308
INSTR...AF-AFOSR-0639-67
PROJECT/TASK.....9749/01

AFOSR 68-0037
UNIVERSITY OF WASHINGTON
A PATTERN RECOGNITION MODEL FOR ON-LINE CURVE FITTING
AN APPLICATION OF THRESHOLD THEORY
BY SYMS G H
DAR ACCESS NO.....009295-001
DOC NUMBER.....AD663431
INSTR...AF-AFOSR-0939-67
PROJECT/TASK.....9769/04

AFOSR 68-0038
UNIVERSITY OF GEORGIA
AN ADAPTIVE TREE PRUNING SYSTEM A LANGUAGE FOR
PRUNING HEURISTIC TREE SEARCHES
AUGUST 1967
BY KOZDROWICKI E W
DAR ACCESS NO.....009295-003
DOC NUMBER.....AD663350
INSTR...AF-AFOSR-0939-67
PROJECT/TASK.....9769/04

AFOSR 66-0079
UNIVERSITY OF WASHINGTON
AN ADAPTIVE COMPUTING SYSTEM FOR THE SYNTHESIS OF
THERMAL LOGIC ALGORITHMS
BY J. ANSLAND T. A.
DAR ACCESS NO.....000695-002
DOC NUMBER.....AD663466
INSTR...AF-AFOSR-0939-67
PROJECT/TASK.....9769/04

AFOSR 66-0040
HOSPITAL MIND MUSCLE
VISCERAL AFFERENT ACTIVITY EFFECTS ON BRAIN STEM
RETICULAR FORMATION FINAL REPORT JULY 1966
BY DELL H. C.
DAR ACCESS NO.....000674-001
DOC NUMBER.....AD663433
INSTR...AF-PCAR-0043-65
PROJECT/TASK.....9777/01

AFOSR 66-0041
STATE UNIVERSITY OF NEW YORK
BENTACONDIATE SILICON THE CRYSTAL STRUCTURE OF
DIMETHYLSILYLAMINE BENZENE
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N20 PP5157-5160 27
SEP 1967
BY MURRAY R.
HAMILTON R. C.
NOVICK S.
GILDFORD T. D.
DAR ACCESS NO.....017240-002
DOC NUMBER.....AD663488
INSTR...AF-AFOSR-0937-65
PROJECT/TASK.....9769/02

AFOSR 66-0042
BUREAU OF SOCIAL SCIENCE RESEARCH INC
ANTHROPOLOGY IN GOVERNMENT AN ANALYTIC OIOLOGRAPHY
BY RAGHAVAN S.
DAR ACCESS NO.....019210-001
DOC NUMBER.....AD663436
INSTR...AF-64/638/01344
PROJECT/TASK.....9779/02

AFOSR 66-0043
NORTHWESTERN UNIVERSITY
ENERGY DISTRIBUTION IN REACTION PRODUCTS THE PHOTOLYSIS OF
CYCLOUTANONE
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N20 PP5103-5106 27
SEP 1967
BY CAMPBELL R. J.
SCHLAG E. W.
DAR ACCESS NO.....019790-002
DOC NUMBER.....AD663370
INSTR...AF-AFOSR-1159-66
PROJECT/TASK.....9760/02

AFOSR 66-0044
NORTHWESTERN UNIVERSITY
HEMANTIC CONSEQUENCES OF CURVED STERN-VOLMER PLOTS THE
PHOTOLYSIS OF CYCLOUTANONE
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N20 PP5094-5102 27
SEP 1967
BY CAMPBELL R. J.
SCHLAG E. W.
RISTIN R. W.
DAR ACCESS NO.....019790-003
DOC NUMBER.....AD663377
INSTR...AF-AFOSR-1159-66
PROJECT/TASK.....9760/02

AFOSR 66-0045
NORTHWESTERN UNIVERSITY
ABSOLUTE MEASUREMENT OF INELASTIC COLLISION CROSS
SECTIONS FOR VIBRANTIC EXCITED STATES
JOURNAL CHEMICAL PHYSICS V47 N5 PP1960-1962 1 SEPT 1967
BY SCHLAG E. W.
WEISSMANHUFF H. V.
STARZAK H. E.
DAR ACCESS NO.....019790-004
DOC NUMBER.....AD663378
INSTR...AF-AFOSR-1159-66
PROJECT/TASK.....9760/02

AFOSR 66-0046
UNIVERSITY OF CHICAGO
REFORMULATION OF THE REPRESENTATION OF TRANSPORT
COEFFICIENTS USING THE AUTOCORRELATION-FUNCTION FORMALISM
AND THE LINEAR TRAJECTORY APPROXIMATION
JOURNAL CHEMICAL PHYSICS V47 N7 PP2283-2291 1 OCT 1967
BY RICE S. A.
HODGSON J. P.
RICE S. A.
DAR ACCESS NO.....015061-015
DOC NUMBER.....AD663405
INSTR...AF-AFOSR-0761-67
PROJECT/TASK.....9760/01

AFOSR 66-0047
UNIVERSITY OF CHICAGO
A COMMENT ON SELF-DIFFUSION IN LIQUID METALS
ADVANCES IN PHYSICS V16 N2 PP31-36 APRIL 1967
BY RICE S. A.
NACHTRIEB N. H.
DAR ACCESS NO.....010592-001
DOC NUMBER.....AD663404
INSTR...AF-AFOSR-1087-66
PROJECT/TASK.....9763/02

AFOSR 66-0050
MICHIGAN STATE UNIVERSITY
ANALYSIS OF NUCLEAR-QUADRUPOLE-RESONANCE SPECTRA IN
ANTIFERROMAGNETIC SINGLE CRYSTALS
PHYSICAL REVIEW V162 N2 PP813-816 10 AUGUST 1967
BY PARKER C. W.
SPENCE R. O.
DAR ACCESS NO.....005432-003
DOC NUMBER.....AD663467
INSTR...AF-54-30-67
PROJECT/TASK.....9763/03

AFOSR 66-0051
MICHIGAN STATE UNIVERSITY
ANTIFERROMAGNETISM IN DIMETHYL MANGANESE CHLORIDE
DIOXIDE
PHYSICAL REVIEW V162 N2 PP813-816 10 AUGUST 1967
BY FORSTAT M.
LOVE N. D.
MCLEARNY J. N.
DAR ACCESS NO.....005432-004
DOC NUMBER.....AD663468
INSTR...AF-AFOSR-0430-67
PROJECT/TASK.....9763/03

AFOSR 66-0052
MICHIGAN STATE UNIVERSITY
ON THE VELOCITY OF SOUND IN SOLID ARGON
PHYSICS LETTERS V25A N3 PP190-191 16 AUG 1967
BY FELDMAN C.
KLEIN M. L.
DAR ACCESS NO.....010301-009
DOC NUMBER.....AD663672
INSTR...AF-AFOSR-0726-67
PROJECT/TASK.....9771/01

AFOSR 66-0053
MICHIGAN STATE UNIVERSITY
ANALYTIC CONTRIBUTIONS TO THE HELIUM-3 FREE ENERGY OF A
SIMPLE CRYSTAL MODEL HIGH-TEMPERATURE LIMIT AND ZERO-POINT
ENERGY
PROCEEDINGS OF THE PHYSICAL SOCIETY V92 PP27-28 1967
BY FELDMAN J. L.
MONTON G. K.
DAR ACCESS NO.....010301-010
DOC NUMBER.....AD663673
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9761/01

AFOSR 66-0054
MICHIGAN STATE UNIVERSITY
THE THERMODYNAMICS OF ALUMINUM WITH TRANSITION METAL
IMPURITIES
SOLID STATE COMMUNICATIONS V5 PP649-651 1967
BY RUATE G.
VIG J.
DAR ACCESS NO.....010301-011
DOC NUMBER.....AD663674
INSTR...AF-AFOSR-0726-65
PROJECT/TASK.....9761/01

AFOSR 66-0055
BRIGHAM YOUNG UNIVERSITY
MELTING CURVES OF COPPER SILVER GOLD AND PLATINUM TO 70
KILOBARS
PHYSICAL REVIEW V161 N3 PP613-617 15 SEPTEMBER 1967
BY MITRA N. H.
DECKER D. L.
VANFLEET M. H.
DAR ACCESS NO.....012410-005
DOC NUMBER.....AD663675
INSTR...AF-AFOSR-0201-63
PROJECT/TASK.....9760/02

AFOSR 66-0056
UNIVERSITY OF WASHINGTON
CONSTRUCTIVE REAL ANALYSIS
HARPER & ROW PUBLISHERS 40 E 33RD ST NEW YORK N.Y. 10017 1967
BY GOLDSTEIN A. A.
DAR ACCESS NO.....014801-001
DOC NUMBER.....AD663615
INSTR...AF-AFOSR-0937-67
PROJECT/TASK.....9769/01

AFOSR 66-0057
CORNELL UNIVERSITY
SURFACE STRUCTURE OF CLEAN GOLD AND SILVER SURFACES
THE PHYSICAL REVIEW V161 PP586-588 N3 15 SEPTEMBER 1967
BY HALLBERG P. W.
HODGSON J. P.
DAR ACCESS NO.....017040-006
DOC NUMBER.....AD663699
INSTR...AF-AFOSR-0876-65
PROJECT/TASK.....9761/03

AFOSR 66-0058
UNIVERSITY OF CHICAGO
SELF-DIFFUSION IN LIQUID METALS
ADVANCES IN PHYSICS V16 N2 PP309-323 APRIL 1967
BY NACHTRIEB N. H.
DAR ACCESS NO.....014780-002
DOC NUMBER.....AD663604
INSTR...AF-AFOSR-1086-66
PROJECT/TASK.....9763/02

AFOSR 66-0059
CHICAGO UNIVERSITY
A COMMENT ON SELF-DIFFUSION IN LIQUID METALS
ADVANCES IN PHYSICS V16 N2 PP351-355 APRIL 1967
BY RICE S. A.
NACHTRIEB N. H.
DAR ACCESS NO.....015061-031
DOC NUMBER.....AD663604
INSTR...AF-AFOSR-0761-67
PROJECT/TASK.....9763/01

AFOSR 66-0060
COLUMBIA UNIVERSITY
ELECTRON SPIN RESONANCE OF FREE RADICALS FINAL REPORT DEC
1967
BY KNAENKEL G. K.
DAR ACCESS NO.....003682-001
DOC NUMBER.....AD663740
INSTR...AF-AFOSR-0225-65
PROJECT/TASK.....9710/03

AFOSR 68-0061
UNIVERSITY OF MISA
A GENERALIZATION OF THE THEOREM OF PIEZZ-THORN /ITALIAN/
ANNALI DI MISA V14 N1 PP87-100 1965
BY CAMPANATO S
MURPHY V
DAN ACCESS NO.....008871-007
DOC NUMBER.....A0603660
INSTH...AF-EDAR-0029-63
PROJECT/TASK.....9749/00

AFOSR 68-0062
YESHIVA UNIVERSITY
EXTREMAL PROBLEMS FOR FUNCTIONS OF BOUNDED BOUNDARY
ROTATION
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V73 N5
PP708-711 SEPTEMBER 1967
BY PINCHUK D
DAN ACCESS NO.....020940-004
DOC NUMBER.....A0603668
INSTH...AF-AFOSR-1077-66
PROJECT/TASK.....9749/00

AFOSR 68-0065
TECHNION/ISRAEL INST OF TECH
BUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHELLS
TAE REPORT NO 67 SCIENTIFIC REPORT NO 2 AUG 1967
BY SINGER J
HAFTKA H
DAN ACCESS NO.....001324-004
DOC NUMBER.....A0602358
INSTH...AF-01/052/00405
PROJECT/TASK.....9749/01

AFOSR 68-0068
INSTITUTO NACIONAL DE TECNICA AERONAUTICA
DIFFUSION FLAMES AND SUPERSONIC COMBUSTION FINAL REPORT
OCT 1967
BY DA-RIVA I
FRAGA F
LINAN A
URRUTIA J L
DAN ACCESS NO.....013493-002
DOC NUMBER.....A0603741
INSTH...AF-EDAR-0041-66
PROJECT/TASK.....9711/01

AFOSR 68-0069
UNIVERSITY OF MINNESOTA
FOUNDATIONS OF OPTIMAL CONTROL THEORY
JOHN WILEY & SONS INC NEW YORK NY 1967
BY LEE F O
MARQUIS L
DAN ACCESS NO.....018721-004
DOC NUMBER.....A0607014
INSTH...AF-AFOSM-0571-66
PROJECT/TASK.....9749/01

AFOSR 68-0069
POLYTECHNIC INSTITUTE OF BROOKLYN
ON THE RESPONSE OF LINEAR SYSTEMS TO INPUTS WITH LIMITED
AMPLITUDES AND SLOPES
SIAM REVIEW V4 N3 PP 554-563 JULY 1967
BY RINGIORNO J J JR
DAN ACCESS NO.....000182-002
DOC NUMBER.....A0603777
INSTH...AF-49/638/01373
PROJECT/TASK.....9749/01

AFOSR 68-0070
STANFORD UNIVERSITY
RADIATION-DRIVEN ACOUSTIC WAVES IN A CONFINED GAS
PHYSICS FLUIDS V10 N7 PP1365-1376 JUL 1967
BY LONG H H
VINCENTI W G
DAN ACCESS NO.....014460-007
DOC NUMBER.....A0603769
INSTH...AF-49/638/01280
PROJECT/TASK.....9749/01

AFOSR 68-0071
UNIVERSITY OF CALIFORNIA
A NOTE ON A GRAPH THEORETIC GAME OF HAKIMIS
OPERATIONS RESEARCH V15 N3 PP567-570 MAY-JUNE 1967
BY FRANK H
DAN ACCESS NO.....008705-015
DOC NUMBER.....A0606034
INSTH...AF-AFOSR-0134-66
PROJECT/TASK.....4751/00

AFOSR 68-0072
UNIVERSITY OF CALIFORNIA
ON THE EXISTENCE OF SOLUTIONS TO A DIFFERENTIAL GAME
JOURNAL SIAM CONTROL V5 N1 PP153-162 1967
BY VARAIYA P P
DAN ACCESS NO.....008705-007
DOC NUMBER.....A0603790
INSTH...AF-AFOSR-0134-66
PROJECT/TASK.....4751/00

AFOSR 68-0074
UNIVERSITY OF CALIFORNIA
BOUNDARY-INPUT BOUNDARY-OUTPUT STABILITY OF NONLINEAR
TIME-VARYING DIFFERENTIAL SYSTEMS
JOURNAL SIAM CONTROL V4 N4 PP606-708 1966
BY VARAIYA P P
LIU R
DAN ACCESS NO.....008704-025
DOC NUMBER.....A0601771
INSTH...AF-AFOSM-0134-65
PROJECT/TASK.....4751/00

AFOSR 68-0075
UNIVERSITY OF MINNESOTA
SMALL OSCILLATIONS OF A STABILIZED INVERTED PENDULUM
AMERICAN OF PHYSICS V38 N10 PP984-987 OCTOBER 1967
BY NESS D J
DAN ACCESS NO.....011452-003
DOC NUMBER.....A0603781
INSTH...AF-AFOSR-0704-66
PROJECT/TASK.....9749/01

AFOSR 68-0076
UNIVERSITY OF CALIFORNIA
NORMAL FORM AND STABILITY OF A CLASS OF COUPLED
NONLINEAR NETWORKS
IEEE TRANSACTIONS ON CIRCUIT THEORY VCT-13 N4 PP413-418 DEC
1966
BY VARAIYA P P
LIU R
DAN ACCESS NO.....008704-026
DOC NUMBER.....A0603775
INSTH...AF-AFOSR-0134-65
PROJECT/TASK.....4751/00

AFOSR 68-0077
UNIVERSITY OF CALIFORNIA
ELECTRON MICROSCOPY OF LIVING INSECTS
SCIENCE V154 N3753 PP1145-1186 2 DEC 1966
BY DEASE R F W
HAYES T L
CAMP A S
AMER N N
DAN ACCESS NO.....008704-027
DOC NUMBER.....A0603774
INSTH...AF-AFOSR-0134-65
PROJECT/TASK.....4751/00

AFOSR 68-0078
UNIVERSITY OF CALIFORNIA
WEAK MAGNETIC FIELD MEASUREMENT USING PERMALLOY-FILM UHF
RESONANCE
REVIEW OF SCIENTIFIC INSTRUMENTS V37 N7 PP875-880 JULY
1966
BY FRANK C E
DAN ACCESS NO.....008707-031
DOC NUMBER.....A0603772
INSTH...AF-AFOSM-0134-63
PROJECT/TASK.....4751/00

AFOSR 68-0079
UNIVERSITY OF CALIFORNIA
A MINILINEAR COMPUTER MODEL APPLICABLE TO LOW-TEMPERATURE
INTERCHANGE MODES IN TWO DIMENSIONS
COMPUTATIONAL PHYSICS V1 N4 PP496-516 JUN 1967
BY BYERS J A
DAN ACCESS NO.....008705-008
DOC NUMBER.....A0603767
INSTH...AF-AFOSM-0134-66
PROJECT/TASK.....4751/00

AFOSR 68-0080
COLUMBIA UNIVERSITY
INFLUENCE OF THE DISSIPATION OF MECHANICAL ENERGY ON THE
TEMPERATURE OF THE LOW CHROMOSPHERE
COMPTES RENDUS DE L ACADEMIE DES SCIENCES V264 PP1768-1771
19 JUN 1967
BY FRISCH H
DAN ACCESS NO.....019290-013
DOC NUMBER.....A0606020
INSTH...AF-49/638/01358
PROJECT/TASK.....9749/01

AFOSR 68-0081
UNIVERSITY OF CALIFORNIA
ELECTRICAL PERFORMANCE OF METAL-INSULATOR-PIEZOELECTRIC
SEMICONDUCTOR TRANSDUCERS
JOURNAL APPLIED PHYSICS V38 N4 PP1748-1955 15 MAR 1967
BY FLEHGER J H
MULLER R S
DAN ACCESS NO.....000705-004
DOC NUMBER.....A0603779
INSTH...AF-AFOSM-0134-66
PROJECT/TASK.....4751/00

AFOSR 68-0082
UNIVERSITY OF CALIFORNIA
LOSS MEASUREMENT OF ORGANIC MATERIALS AT 6328 ANGSTROMS
JOURNAL APPLIED PHYSICS V37 N8 PP3318-3319 JUL 1966
BY SOLEIMNI D
DAN ACCESS NO.....008705-010
DOC NUMBER.....A0603778
INSTH...AF-AFOSM-0134-66
PROJECT/TASK.....4751/00

AFOSR 68-0083
UNIVERSITY OF CALIFORNIA
DIFFRACTION OF LIGHT BY SURFACE ACOUSTIC WAVES
PROCEEDINGS OF THE IEEE V55 N2 PP248-249 FEB 1967
BY IPDEN P P
DAN ACCESS NO.....008705-011
DOC NUMBER.....A0603787
INSTH...AF-AFOSR-0134-66
PROJECT/TASK.....4751/00

AFOSR 68-0084
UNIVERSITY OF CALIFORNIA
UNDETERMINABLE CLASSES OF SIGNALS AND LINEAR CHANNELS
SIAM JOURNAL APPLIED MATHEMATICS V15 N2 PP480-484 MAR 1967
BY VARAIYA P P
DAN ACCESS NO.....008704-028
DOC NUMBER.....A0603768
INSTH...AF-AFOSM-0134-65
PROJECT/TASK.....4751/00

AFOSM 68-0095
UNIVERSITY OF CALIFORNIA
PHYSICAL INVESTIGATION OF THE MENDOPLASMA IN SILICON
IEEE TRANSACTIONS ON ELECTRON DEVICES V67-13 MAR 74 PP662-667
AUGUST 1968
BY ENGLISH A C
DAR ACCESS NO.....004704-029
DOC NUMBER.....A0663776
INSTH...AF-APDSH-0139-65
PROJECT/TASK.....4751/00

AFOSM 68-0096
UNIVERSITY OF CALIFORNIA
NONLINEAR PROGRAMMING IN MANACH SPACE
SIAM JOURNAL APPLIED MATHEMATICS V15 N2 PP249-253 MAR 1967
BY VANDIYA D P
DAR ACCESS NO.....004704-030
DOC NUMBER.....A0663776
INSTH...AF-APDSH-0139-65
PROJECT/TASK.....4751/00

AFOSM 68-0097
UNIVERSITY OF TEXAS
QUASI-STATIC ION CYCLOTRON WAVES
PHYSICS OF FLUIDS V10 N7 PP1531-1538 JUL 1967
BY SWANSON H G
DAR ACCESS NO.....014791-058
DOC NUMBER.....A0663780
INSTH...AF-APDSH-0768-68
PROJECT/TASK.....4751/00

AFOSM 68-0098
UNIVERSITY OF CALIFORNIA
MOMENT-INPUT/OUTPUT STABILITY FOR THE LURE PROBLEM
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-11 N4 PP745-746
6 OCT 1966
BY VANDIYA D P
LIT M
DAR ACCESS NO.....004705-012
DOC NUMBER.....A0663780
INSTH...AF-APDSH-0139-66
PROJECT/TASK.....4751/00

AFOSM 68-0099
UNIVERSITY OF CALIFORNIA
THE APPLICATION OF A POSITIVE IMPEDANCE INVENTOR TO THE
DESIGN OF INTEGRATED SELECTIVE FILTERS
PROCEEDINGS OF IEEE V54 PP1101-1107 JUNE 1967
BY LANUARD D G
MIGHT G A
DAR ACCESS NO.....004705-013
DOC NUMBER.....A0663782
INSTH...AF-APDSH-0139-66
PROJECT/TASK.....4751/00

AFOSM 68-0100
UNIVERSITY OF CALIFORNIA
DYNAMIC COMMUNICATION NETWORKS
IEEE TRANSACTIONS ON COMMUNICATIONS TECHNOLOGY VCOM-15 N2
PP156-163 APR 1967
BY FRANK M
DAR ACCESS NO.....004705-014
DOC NUMBER.....A0663783
INSTH...AF-APDSH-0139-66
PROJECT/TASK.....4751/00

AFOSM 68-0101
UNIVERSITY OF CALIFORNIA
MICROWAVE LOSS IN A REFLEX PLASMA DISCHARGE
JOURNAL APPLIED PHYSICS V38 N1 PP342-349 JAN 1967
BY LICHTENBERG A J
SOVINDAN P
SHIRYAN J R
DAR ACCESS NO.....004705-040
DOC NUMBER.....A0663786
INSTH...AF-APDSH-0139-68
PROJECT/TASK.....4751/00

AFOSM 68-0102
NORTH AMERICAN ROCKWELL CORP
BOUNDARY-LAYER TRANSITION ON BLUNT BODIES-EFFECT OF
ROUGHNESS
AIAA JOURNAL V5 N10 PP1913-1915 OCT 1967
BY VAN DUSEN F H
DUNN C M
WILES C S JR
DAR ACCESS NO.....001153-005
DOC NUMBER.....A0663791
INSTH...AF-APDSH-0139-62
PROJECT/TASK.....4741/02

AFOSM 68-0103
STANFORD UNIVERSITY
SOME REMARKS ON TURBULENT SHEAR FLOWS
PROCEEDINGS INSTITUTION MECHANICAL ENGINEERS V180 PP272-284
1965-66
BY KLING S J
DAR ACCESS NO.....001162-010
DOC NUMBER.....A0663773
INSTH...AF-APDSH-0127-66
PROJECT/TASK.....4741/02

AFOSM 68-0104
UNIVERSITY OF CALIFORNIA
WAVE INTERACTIONS BY SATURABLE ABSORBERS
APPLIED PHYSICS LETTERS V10 N1 PP4-7 JAN 1967
BY SCHWARTZ S F
TAN T Y
DAR ACCESS NO.....004705-014
DOC NUMBER.....A0663788
INSTH...AF-APDSH-0139-66
PROJECT/TASK.....4751/00

AFOSM 68-0095
NEW YORK UNIVERSITY
A MATHEMATICAL MODEL OF THE FLOW OF DATA IN A MANAGEMENT
INFORMATION SYSTEM
DAR ACCESS NO.....014262-002
DOC NUMBER.....A0663789
INSTH...AF-APDSH-0621-66
PROJECT/TASK.....4747/01

AFOSM 68-0096
CALIFORNIA INSTITUTE OF TECHNOLOGY
NO 119212 A SEMI-DETACHED CLOSE BINARY VIEW AT LOW
INCLINATION
ASTROPHYSICAL JOURNAL V185 PP229-240 SEPTEMBER 1967
BY CONTI M S
DAR ACCESS NO.....000541-031
DOC NUMBER.....A0663784
INSTH...AF-APDSH-0132-63
PROJECT/TASK.....4747/01

AFOSM 68-0097
UNIVERSITY OF CHICAGO
NEGATIVE-ION CAPTURE BY VORTEX LINES IN HELIUM II
PHYSICAL REVIEW V181 N1 PP121-128 2 DECEMBER 1966
BY TANNEN J J
DAR ACCESS NO.....016500-016
DOC NUMBER.....A0663790
INSTH...AF-APDSH-0705-65
PROJECT/TASK.....4747/01

AFOSM 68-0100
M A HOLT
COMPLEMENTARY FORMS OF THE VARIATIONAL PRINCIPLE FOR HEAT
CONDUCTION AND CONVECTION
JOURNAL FRANKLIN INSTITUTE V263 N5 PP372-378 MAY 1967
BY HOLT M A
DAR ACCESS NO.....001312-003
DOC NUMBER.....A0663780
INSTH...AF-APDSH-0132-62
PROJECT/TASK.....4742/01

AFOSM 68-0099
UNIVERSITY OF MICHIGAN
COMBUSTION KINETICS OF TETRAFLUOROETHYLENE FINAL REPORT
SEP 1967
BY MATULA M A
DAR ACCESS NO.....014791-001
DOC NUMBER.....A0664008
INSTH...AF-USDP-1144-66
PROJECT/TASK.....4750/02

AFOSM 68-0100
MAYAL UNIVERSITY OF UPPSALA
QUANTUM THEORY OF MANY-PARTICLE SYSTEMS
BY LUNDIN P O
DAR ACCESS NO.....023372-005
DOC NUMBER.....A0664073
INSTH...AF-01/05/00074
PROJECT/TASK.....4714/00

AFOSM 68-0101
M A HOLT
SIMPLIFIED VARIATIONAL AND PHYSICAL ANALYSIS OF HEAT
TRANSFER IN LAMINAR AND TURBULENT FLOW
PHYSICS FLUIDS V10 N7 PP1824-1837 JULY 1967
BY HOLT M A
DAR ACCESS NO.....001312-004
DOC NUMBER.....A0663865
INSTH...AF-APDSH-0132-62
PROJECT/TASK.....4742/01

AFOSM 68-0104
SIGNATON INC
A BASE FOR THE DEFINITION OF COMPUTER LANGUAGES
BY PENNETT R K
DAR ACCESS NO.....024030-001
DOC NUMBER.....A0664068
INSTH...F44620-08-C-0007
PROJECT/TASK.....4747/04

AFOSM 68-0103
YOSHIDA UNIVERSITY
DELTA-FUNCTION FERMION GAS WITH TWO-SPIN DEVIATES
THE PHYSICAL REVIEW V181 N1 PP124-128 5 SEP 67
BY FLECKER M
LIFE C H
DAR ACCESS NO.....005433-010
DOC NUMBER.....A0663451
INSTH...AF-APDSH-0508-66
PROJECT/TASK.....4747/01

AFOSM 68-0104
NORTHWESTERN UNIVERSITY
FORCED MOTIONS OF SHELLS AND PLATES SURROUNDING BY AN
ACOUSTIC FLUID
PROCEEDING SYMPOSIUM THEORY OF SHELLS TO HONOR LEROY
HAMILTON DUNNELL UNIV HOUSTON 4-6 APR 1966 PP311-342 1967
BY HERMANN G
RUSSELL J E
DAR ACCESS NO.....012413-005
DOC NUMBER.....A0663792
INSTH...AF-APDSH-0130-65
PROJECT/TASK.....4742/01

AF 154 64-0114
ROYAL DE L'ORDRE
EXCITATIONS IN PI-ELECTRON MOLECULES
BY LINDENBERG J
ORIGIN
CAR ACCF55 NO.....93372-00
SEC NUMERIC.....AD008772
INST.....C-1/0527J0R74
RNO BCTXTANK.....076770

AFJSM AA-0130
UNIVERSITY OF TENNESSEE
FULTON CASHMAN SUITE
AMPLIFIED OPTICS 46 NO 01124 JUN 1967
CAN ACCESS NO.....321011-00
CSC NUMBER.....ADDD00-00
INSTITUTE AF-AMJSM-10124-67
PROJECT/TASK.....1709/0

AFOSR 68-0131
UNIVERSITY CATHOLIC DE LOUVAIN
THE CONCEPT OF A BIAN TENSOR IN THE PLANE REACTION
JOMC
BULLETIN ALAUMIC ROYME BELGIUM CLASSE SCIENCES V33 N4
0026-315 15 APR 1967
BY VAN TIGGLEN P J
DUAL R
OAH ACCESS NO.....001970-001
DOC NUMBER.....AD661975
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9750/02

AFOSR 68-0132
IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY
NUCLEON-ANTINUCLEON CHARGE-EXCHANGE SCATTERING USING U
2A 52 AND THE ANSATZION MODEL
PHYS REV LETTERS V10 N22 00978-080 29 MAY 1967
BY NICHOLSON J M R
MORAWAY E
OAH ACCESS NO.....010042-011
DOC NUMBER.....AD664312
INSTR...AF-EOAN-2012-07
PROJECT/TASK.....9767/06

AFOSR 68-0133
HARVARD UNIVERSITY
DYNAMIC COINCIDENCE MEASUREMENTS
THE PHYSICAL REVIEW V102 N5 1722-1728 15 OCTOBER 1967
BY FINE U L
HENRY G N
OAH ACCESS NO.....004861-043
DOC NUMBER.....AD660017
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0134
HARVARD UNIVERSITY
CLASSICAL THEORY OF MAGNETIC SUSCEPTIBILITY
THE PHYSICAL REVIEW V102 N5 1102-1108 15 AUGUST 1967
BY VAN T M
OAH ACCESS NO.....004861-044
DOC NUMBER.....AD660017
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0135
HARVARD UNIVERSITY
MULTIPLE NEUTRAL PION PRODUCTION
THE PHYSICAL REVIEW V102 N5 1340-1340 25 OCTOBER 1967
BY PERLIN R
OAH ACCESS NO.....004861-045
DOC NUMBER.....AD663978
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0136
HARVARD UNIVERSITY
QUANTUM THEORY OF PARAMETRIC AMPLIFICATION II
THE PHYSICAL REVIEW V102 N5 1109-1109 25 AUGUST 1967
BY MOLLOW D R
CLAUREN R J
OAH ACCESS NO.....004861-046
DOC NUMBER.....AD663978
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0137
HARVARD UNIVERSITY
LAGRANGE FORMULATION FOR SYSTEMS WITH HIGHER SPIN
THE PHYSICAL REVIEW V101 N5 1108-1115 25 SEPTEMBER 1967
BY CHANG S J
OAH ACCESS NO.....004861-047
DOC NUMBER.....AD663981
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0138
HARVARD UNIVERSITY
DRELL-HEARN-GERASIMOV SUM RULE FRAMPLES AND COUNTEREXAMPLES
THE PHYSICAL REVIEW V102 N5 1162-1175 25 OCTOBER 1967
BY BARTON G
DUMPHY M
OAH ACCESS NO.....004861-048
DOC NUMBER.....AD664019
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0139
HARVARD UNIVERSITY
END-NUCLEON INTERACTION AS A RESEARCH TOOL IN PARTICLE
PHYSICS
REVIEWS OF MODERN PHYSICS V39 N3 1967-070 JULY 1967
BY MORAYCIS M J
OAH ACCESS NO.....004861-050
DOC NUMBER.....AD664020
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0140
HARVARD UNIVERSITY
FORWARD COMPTON SCATTERING AT HIGH ENERGY AND THE UNIL-
HEARN-GERASIMOV SUM RULE
PHYSICAL REVIEW LETTERS V17 N17 19985-987 OCTOBER 1967
BY DUMNEY M
OAH ACCESS NO.....004861-050
DOC NUMBER.....AD664020
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0141
HARVARD UNIVERSITY
QUANTUM THEORY OF PARAMETRIC AMPLIFICATION I
THE PHYSICAL REVIEW V102 N5 1109-1109 25 AUGUST 1967
BY MOLLOW D R
CLAUREN R J
OAH ACCESS NO.....004861-046
DOC NUMBER.....AD663978
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0142
HARVARD UNIVERSITY
MULTIPLE NEUTRAL PION PRODUCTION
THE PHYSICAL REVIEW V102 N5 1340-1340 25 OCTOBER 1967
BY PERLIN R
OAH ACCESS NO.....004861-045
DOC NUMBER.....AD663978
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0143
HARVARD UNIVERSITY
CLASSICAL THEORY OF MAGNETIC SUSCEPTIBILITY
THE PHYSICAL REVIEW V102 N5 1102-1108 15 AUGUST 1967
BY VAN T M
OAH ACCESS NO.....004861-044
DOC NUMBER.....AD660017
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0144
HARVARD UNIVERSITY
QUANTUM THEORY OF PARAMETRIC AMPLIFICATION II
THE PHYSICAL REVIEW V102 N5 1109-1109 25 AUGUST 1967
BY MOLLOW D R
CLAUREN R J
OAH ACCESS NO.....004861-046
DOC NUMBER.....AD663978
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0145
TECHNICON RESEARCH & DEVELOPMENT FOUNDATION LTD
ATTENUATED INTENSITY OF 8.3 MICRONS BAND OF METHANE
JOURNAL OPTICAL SOCIETY AMERICA V57 N9 1130-1130 SEPT
1967
BY FINNAN E
GOLDMAN A
OUPHAFEM U P
OAH ACCESS NO.....010743-002
DOC NUMBER.....AD663954
INSTR...AF-EOAN-8026-07
PROJECT/TASK.....9750/01

AFOSR 68-0146
ORANDEIS UNIVERSITY
FORM FACTORS AND THE ABSORPTIVE ONE-PION-EXCHANGE MODEL
THE PHYSICAL REVIEW V102 N5 1136-1137 25 MAY 1967
BY YOCK P C H
GORDON D
OAH ACCESS NO.....005153-009
DOC NUMBER.....AD663957
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9751/01

AFOSR 68-0147
AVCO LYNNETT RESEARCH LABORATORY
SHOCK WAVE STUDIES USING A PLASMA WIND TUNNEL
RESEARCH REPORT 280 OCT 1967
BY PATRICK R M
PUGH F R
OAH ACCESS NO.....002272-008
DOC NUMBER.....AD662437
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9752/01

AFOSR 68-0148
INNSBRUCK UNIVERSITY
NUCLEAR EXPLOSIONS IN A IONOSPHERE WITH FINITE ELECTRIC
CONDUCTIVITY IN THE PRESENCE OF A UNIFORM MAGNETIC FIELD
SCIENTIFIC REPORT NO 52 NOV 1967
BY CAP F
KIMEN M
OAH ACCESS NO.....013251-008
DOC NUMBER.....AD664034
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9752/01

AFOSR 68-0149
TEXAS INSTRUMENTS INC
ELECTRON PARAMAGNETIC RESONANCE OF COPPER IN BERYLLIUM
OXIDE
PHYSICAL REVIEW V102 N2 19261-265 10 NOVEMBER 1967
BY DEWIT M
REINHARD A M
OAH ACCESS NO.....027700-002
DOC NUMBER.....AD664005
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9763/02

AFOSR 68-0150
DARTMOUTH COLLEGE
MY RELATIONS IN SOLID HELIUM - THREE/ HELIUM - FOUR/
MEASUREMENTS WITH SUPERFLUID HELIUM FINAL REPORT JUNE 1967
BY KIDDER J N
OAH ACCESS NO.....013051-001
DOC NUMBER.....AD664009
INSTR...AF-EOAN-8046-06
PROJECT/TASK.....9767/01

AFOSR 68-0151
UNIVERSITY OF ILLINOIS
SINGLE-COLLISION-TIME THEORY OF SOUND PROPAGATION IN
LIQUID HELIUM-4 BELOW 0.6 DEGREES KELVIN
THE PHYSICAL REVIEW V58 N1 PP162-169 5 JUNE 1967
BY DISATNIK Y
OAR ACCESS NO.....003403-001
DOC NUMBER.....AD664006
INSTR...AF-AFOSR-0328-67
PROJECT/TASK.....9761/01

AFOSR 68-0152
UPPSALA UNIVERSITY
DE HAAS - VAN ALPHEN SUSCEPTIBILITY MEASUREMENTS ON P-TYPE
ANTIMONY TRI-TELLURIDE
SOLID STATE COMMUNICATIONS V5 PP905-907 1967
BY SCHWARTZ M
RJORCK C
BECKMAN O
OAR ACCESS NO.....012771-006
DOC NUMBER.....AD663976
INSTR...AF-61/052/00937
PROJECT/TASK.....9763/02

AFOSR 68-0153
NEW YORK UNIVERSITY
AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO
EIGENVALUE PROBLEMS
BY KERR A D
OAR ACCESS NO.....017022-302
DOC NUMBER.....AD671579
INSTR...AF-AFOSR-0813-67
PROJECT/TASK.....9782/01

AFOSR 68-0154
UNIVERSITY OF TEXAS AT AUSTIN
MEASURE SELECTION AND PATTERN RECOGNITION IN THE EEG
JSEP TECHNICAL REPORT NO 42
BY RISHOD H R
WELLM A J
OAR ACCESS NO.....015242-051
DOC NUMBER.....AD667574
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-0155
NORTH AMERICAN ROCKWELL CORP
A HENT BOND MODEL FOR THE VIBRATIONAL FORCE CONSTANTS OF
NON-PLANAR XY SUB-THREE MOLECULES
R-7366 FEB 1968
BY CURTIS E C
OAR ACCESS NO.....020910-001
DOC NUMBER.....AD666456
INSTR...AF-69/638/01734
PROJECT/TASK.....9750/01

AFOSR 68-0156
INSTITUTE FOR ADVANCED STUDY
REMARKS ON NONLEPTONIC DECAYS IN SU(3) SYMMETRY
NUOVO CIMENTO SER A V50 PP749-757 21 AUGUST 1967
BY PAKVA S S
TUAN S F
OAR ACCESS NO.....007773-012
DOC NUMBER.....AD664015
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 68-0157
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ORGANOMETALLIC SYNTHESIS OF REACTIVE INTERMEDIATES FINAL
REPORT JAN 1968
BY SEYFFERT D
OAR ACCESS NO.....014230-000
DOC NUMBER.....AD664063
INSTR...AF-AFOSR-0502-66
PROJECT/TASK.....9760/02

AFOSR 68-0158
TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY
MAGNETIC ANISOTROPY IN FERROMAGNETIC THIN FILMS
PHYSICA V34 PP349-360 1967
BY BRANSKY J
HIRSCH A A
OAR ACCESS NO.....012700-031
DOC NUMBER.....AD663977
INSTR...AF-EDAR -0071-63
PROJECT/TASK.....9760/02

AFOSR 68-0159
UNIVERSITY OF CALIFORNIA
AN INEQUALITY FOR GENERALIZED HANFMAN
PACIFIC JOURNAL OF MATHEMATICS V22 N2 PP303-311 1967
BY MCLAUGHLIN M W
NETCALF F T
OAR ACCESS NO.....022190-004
DOC NUMBER.....AD664029
INSTR...AF-AFOSR-1122-66
PROJECT/TASK.....9749/01

AFOSR 68-0160
BROWN UNIVERSITY
OPTIMAL DISCOUNTED STOCHASTIC CONTROL FOR DIFFUSION
PROCESSES
SIAM J CONTROL VS N4 PP520-531 1967
BY KUSHNER M J
OAR ACCESS NO.....019592-005
DOC NUMBER.....AD663988
INSTR...AF-AFOSR-0693-66
PROJECT/TASK.....9749/01

AFOSR 68-0161
BROWN UNIVERSITY
REMARKS ON SOME RECENT EXTENSIONS OF FILIPPOVS IMPLICIT
FUNCTIONS LEMMA
SIAM J CONTROL VS N4 PP622-627 1967
BY JACOBS M O
OAR ACCESS NO.....019593-003
DOC NUMBER.....AD663999
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 68-0162
UNIVERSITY OF WINDSOR
EXPERIMENTAL EVIDENCE FOR THE ABSENCE OF QUENCHING OF
SODIUM RESONANCE RADIATION BY INERT GASES
THE PHYSICAL REVIEW V163 N1 PP34-35 5 NOV 67
BY COPLEY C
KINBLE R P
KRAUSE L
OAR ACCESS NO.....011123-003
DOC NUMBER.....AD663997
INSTR...AF-AFOSR-0361-67
PROJECT/TASK.....9767/02

AFOSR 68-0163
DUKE UNIVERSITY
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF
GUANINE HYDROCHLORIDE DIHYDRATE
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V58 N4
PP1279-1285 OCTOBER 1967
BY ALEXANDER C JR
GOROV W
OAR ACCESS NO.....000274-015
DOC NUMBER.....AD663989
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 68-0164
TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY
MAGNETORESISTANCE OF STRAY-FIELD COUPLED FILMS
IEEE TRANSACTIONS ON MAGNETICS VMAG-3 N3 PP428-432
SEPTEMBER 1967
BY HIRSCH A A
FRIEDMAN N
OAR ACCESS NO.....012700-012
DOC NUMBER.....AD663979
INSTR...AF-EDAR -0071-63
PROJECT/TASK.....9760/02

AFOSR 68-0165
TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY
ANHYSTERIC MAGNETIZATION PROCESS AND ROSSBAUER EFFECT IN
IRON POWDER
PHYSICS V35 PP29-32 1967
BY HIRSCH A A
ELIEZER Z
MAINOVICI O
OAR ACCESS NO.....012700-013
DOC NUMBER.....AD663972
INSTR...AF-EDAR -0071-63
PROJECT/TASK.....9760/02

AFOSR 68-0166
TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY
ORIGIN OF CONSTRICTED MAGNETIZATION LOOPS IN HARD-ROLLED
NICKEL AT LOW TEMPERATURES
JOURNAL OF APPLIED PHYSICS V38 N3 PP1013-1015 1 MARCH 1967
BY HIRSCH A A
ELIEZER Z
OAR ACCESS NO.....012700-014
DOC NUMBER.....AD663973
INSTR...AF-EDAR -0071-63
PROJECT/TASK.....9760/02

AFOSR 68-0167
UNIVERSITY OF TEXAS
CALCULATION OF PHONON FREQUENCIES AND THERMODYNAMIC
PROPERTIES OF CRYSTALLINE BCC HELIUM
THE PHYSICAL REVIEW V162 N3 PP824-834 15 OCTOBER 1967
BY DE WETTE F W
NOSANOW L M
WERTHAMER N R
OAR ACCESS NO.....026080-001
DOC NUMBER.....AD664008
INSTR...AF-AFOSR-1257-67
PROJECT/TASK.....9761/01

AFOSR 68-0168
UNIVERSITY OF CALIFORNIA
LOW TEMPERATURE SPECIFIC HEAT OF EUROPIUM SELENIDE
PHYSICS LETTERS V25A N5 PP388-390 11 SEPT 1967
BY WHITE H W
MCCOLLUM D C
CALLAWAY J
OAR ACCESS NO.....009061-015
DOC NUMBER.....AD663991
INSTR...AF-AFOSR-0523-64
PROJECT/TASK.....9763/02

AFOSR 68-0169
BROWN UNIVERSITY
ON THE CONTROLLABILITY OF DELAY-DIFFERENTIAL SYSTEMS
SIAM J CONTROL VS N4 PP575-587 1967
BY REISS L
OAR ACCESS NO.....019592-006
DOC NUMBER.....AD664000
INSTR...AF-AFOSR-0693-66
PROJECT/TASK.....9749/01

AFOSR 68-0172
NEW YORK UNIVERSITY
TESTING HYPOTHESES IN RANDOMIZED FACTORIAL EXPERIMENTS
THE ANNALS OF MATHEMATICAL STATISTICS V38 N5 PP149-1507
OCTOBER 1967
BY EHRENFELD S
ZACKS S
OAR ACCESS NO.....010122-002
DOC NUMBER.....AD664282
INSTR...AF-AFOSR-0078-65
PROJECT/TASK.....9749/01

AFOSR 68-0173

UNIVERSITY OF BRITISH COLUMBIA
THE ASYMPTOTIC DISTRIBUTION OF EIGENVALUES AND
EIGENFUNCTIONS FOR ELLIPTIC BOUNDARY VALUE PROBLEMS
SIAM REVIEW V6 N4 PP627-646 OCTOBER 1967

BY LAM C

OAR ACCESS NO.....008073-003
ODC NUMBER.....AD664263
INSTR...AF-AFOSR-0379-66
PROJECT/TASK.....9749/01

AFOSR 68-0174

UNIVERSITY OF MASSACHUSETTS
KINETIC ORDER WITH RESPECT TO SOLVENT ACID HYDROLYSIS AND
PREFERENTIAL SOLVATION OF THE REINECKATE ION
CANADIAN JOURNAL CHEMISTRY V45 PP3050-3053 1967

BY LANGFORD F M
WHITE J E

OAR ACCESS NO.....013011-007
ODC NUMBER.....AD664281
INSTR...AF-AFOSR-0212-65
PROJECT/TASK.....9780/02

AFOSR 68-0175

MCMASTER UNIVERSITY
VIBRATIONAL SPECTRA AND ASSIGNMENT OF 1001 CM⁻¹ PFMTA-FLUORIDE
PERME RESONANCE BETWEEN A FUNDAMENTAL AND A TERNARY
COMBINATION
JOURNAL CHEMICAL PHYSICS V47 N3 PP1071-1073 U AUG 1967

BY GILLESPIE H J
CLASE H J

OAR ACCESS NO.....021030-004
ODC NUMBER.....AD664280
INSTR...AF-AFOSR-1127-66
PROJECT/TASK.....9710/01

AFOSR 68-0176

FLORIDA ATLANTIC UNIVERSITY
RADIATIVE CAPTURE BY SEMICONDUCTORS
PHYSICAL REVIEW V183 N3 PP815-815 NOV 1967

BY BLAKEMORE J S

OAR ACCESS NO.....024770-001
ODC NUMBER.....AD664275
INSTR...AF-AFOSR-1259-67
PROJECT/TASK.....9763/02

AFOSR 68-0177

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CYCLOTRON RESONANCE OF THE POLARON IN CERTAIN ALKALI
HALIDES
PHYSICAL REVIEW LETTERS V19 N17 PP1245-1245 23 OCTOBER 1967

BY HODDY J W
BORDERS J A
BROWN F C
FONER S

OAR ACCESS NO.....007912-038
ODC NUMBER.....AD664259
INSTR...AF-AFOSR-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-0178

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
PHOTON-ASSISTED MAGNETOTUNNELING IN GERMANIUM IN
PARALLEL AND CROSSED ELECTRIC AND MAGNETIC FIELDS
PHYSICAL REVIEW V183 N3 PP726-733 15 NOVEMBER 1967

BY REINE M
VHEHEN G H F
LAX B

OAR ACCESS NO.....007912-039
ODC NUMBER.....AD664296
INSTR...AF-AFOSR-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-0179

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CERENKOV LIGHT EXPERIMENT BOLIVIAN AIR SHOWER JOINT
EXPERIMENT FINAL REPORT JAN 1968

BY BRADY H V
KNIEGHAN S

OAR ACCESS NO.....007354-001
ODC NUMBER.....AD664355
INSTR...AF-AFOSR-0346-65
PROJECT/TASK.....9741/04

AFOSR 68-0180

UNIVERSITY OF CALIFORNIA
INEQUALITIES COMPLEMENTARY TO CAUCHY'S INEQUALITY FOR
SUMS OF REAL NUMBERS
INEQUALITIES PP73-77 ACADEMIC PRESS NEW YORK 1967

BY DIAZ J B
METCALF F T

OAR ACCESS NO.....027190-005
ODC NUMBER.....AD664277
INSTR...AF-AFOSR-1127-66
PROJECT/TASK.....9749/01

AFOSR 68-0182

UNIVERSITY OF CALIFORNIA
VARIATIONS OF WILKINSON'S INEQUALITY
INEQUALITIES PP79-103 ACADEMIC PRESS NEW YORK 1967

BY DIAZ J B
METCALF F T

OAR ACCESS NO.....027190-006
ODC NUMBER.....AD664278
INSTR...AF-AFOSR-1122-66
PROJECT/TASK.....9749/01

AFOSR 68-0193

STANFORD UNIVERSITY
A PROJECTION METHOD FOR SIGNAL DETECTION IN COLORED
GAUSSIAN NOISE
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-13 N3 PP461-467
JULY 1967

BY KATHATH T

OAR ACCESS NO.....017360-009
ODC NUMBER.....AD664285
INSTR...AF-AFOSR-0637/01517
PROJECT/TASK.....9749/01

AFOSR 68-0184

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A MONTE CARLO SIMULATION OF THE NUCLEAR ACTIVE CASCADE IN
EAS / ANALYSIS OF BOLIVIAN AIR SHOWER JOINT EXPERIMENT/
INT CONF COSMIC RAYS LONDON SEP 1965 PP651-655

BY BRADY H
LA POINTE M
RAPPAPORT S

OAR ACCESS NO.....007353-001
ODC NUMBER.....AD664265
INSTR...AF-AFOSR-0346-64
PROJECT/TASK.....9751/04

AFOSR 68-0185

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE PRIMARY ENERGY SPECTRUM FROM 70 X 10 SUPER 14 EV - 4 X
INT CONF COSMIC RAYS LONDON SEP 1965 PP715-717

BY BRADY H
CLARK G
LA POINTE M
DOMINGO V
ESCOBAN I

OAR ACCESS NO.....007353-002
ODC NUMBER.....AD664266
INSTR...AF-AFOSR-0346-64
PROJECT/TASK.....9751/04

AFOSR 68-0186

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
STUDIES OF PRIMARY COSMIC RAYS IN THE ENERGY REGION 10-14
EV TO 10-17 EV / BOLIVIAN AIR SHOWER JOINT EXPERIMENT/
INT CONF COSMIC RAYS LONDON ENGLAND SEP 1965 PP708-711

BY TOYODA Y
SUGA K
MURAKAMI K
HASEGAWA M
SHIRATA S

OAR ACCESS NO.....007353-003
ODC NUMBER.....AD664267
INSTR...AF-AFOSR-0346-64
PROJECT/TASK.....9751/04

AFOSR 68-0187

UNIVERSITY OF COLORADO
STRONG DECAYS OF HIGHER SPIN RAYSON RESONANCES IN O¹⁶ 27
THE PHYSICAL REVIEW LETTERS V19 N18 PP1081-1085 10 OCT
1967

BY HARUT A G
TRIPATHY K C

OAR ACCESS NO.....013091-015
ODC NUMBER.....AD664310
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9741/01

AFOSR 68-0188

UNIVERSITY OF COLORADO
MESON DECAY RATES IN O¹⁶ 27 AND THE INTRODUCTION OF SU(3)
THE PHYSICS REVIEW LETTERS V19 N16 PP918-921 16 OCT 1967

BY HARUT A G
TRIPATHY K C

OAR ACCESS NO.....013091-016
ODC NUMBER.....AD664311
INSTR...AF-AFOSR-0030-65
PROJECT/TASK.....9741/01

AFOSR 68-0189

UNIVERSITY OF CALIFORNIA
O¹⁶ 27 SYMMETRY AND REGGE-POLE THEORY
PHYS REV V180 N5 PP1560-1571 25 AUG 67

BY FREEDMAN D Z
WANG J H

OAR ACCESS NO.....005134-021
ODC NUMBER.....AD664257
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9777/01

AFOSR 68-0190

UNIVERSITY OF PITTSBURGH
MACHINE RETRIEVAL OF BIOGRAPHICAL DATA
THE AMERICAN BEHAVIORAL SCIENTIST V2 N7 PP30-32 FEB 1967

BY HECK C
STEWART D K

OAR ACCESS NO.....018491-002
ODC NUMBER.....AD664290
INSTR...AF-AFOSR-0622-65
PROJECT/TASK.....9779/02

AFOSR 68-0191

UNIVERSITY COLLEGE
CHANGES IN BODY WEIGHT AND INTAKE OF FOOD BY OLIGOPUS
VULGARIS
J ZOO LUND V150 PP1-9 1966

BY NIXON M

OAR ACCESS NO.....004346-004
ODC NUMBER.....AD664312
INSTR...AF-AFOSR-0053-66
PROJECT/TASK.....9777/01

AFOSR 68-0192

KAROLINSKA INSTITUTET
REUPTAKE OF NORADRENALINE IN ISOLATED ADHENERGIC NERVE
GRANULES AND THE ACTION OF ATP
LIFE SCIENCES V6 N19 PP2111-2117 1 OCT 1967

BY VON EULER U S
LISHAJA F

OAR ACCESS NO.....005725-002
ODC NUMBER.....AD664312
INSTR...AF-AFOSR-0013-67
PROJECT/TASK.....9777/01

AFOSR 68-0193

UNIVERSITY OF LUND
PRODUCTION OF FLUORESCENCE IN HISTAMINE-CONTAINING CELLS
EXPERIMENTAL CELL RESEARCH V47 PP116-122 1967

BY LANGER B
HARRIS R

OAR ACCESS NO.....014381-015
ODC NUMBER.....AD664309
INSTR...AF-AFOSR-0014-66
PROJECT/TASK.....9777/01

AFOSR 68-0194
UNIVERSITY OF ZURICH
STUDIES ON INTESTINAL SUCRASE AND ON INTESTINAL SUGAR
TRANSPORT V ISOLATION AND PROPERTIES OF SUCRASE-ISOMALTAZE
FROM RABBIT SMALL INTESTINE
BIOCHIMICA ET BIOPHYSICA ACTA V146 PP181-195 1967
BY KOLINSKA J
SEMENZA G
DAR ACCESS NO.....022840-001
DDC NUMBER.....AD664298
INSTR...AF-EDAR -0017-67
PROJECT/TASK.....9777/01

AFOSR 68-0195
UNIVERSITY OF ZURICH
STUDIES ON INTESTINAL SUCRASE AND INTESTINAL SUGAR
TRANSPORT V ISOLATION OF ALPHA-GLUCOSE BY SUCRASE AND
ISOMALTAZE FROM THE GLYCOSE MOIETY OF THE SUBSTRATES
BIOCHIMICA ET BIOPHYSICA ACTA V146 PP196-204 1967
BY SEMENZA G
CURTIUS C H
KOLINSKA J
MULLER M
DAR ACCESS NO.....022840-002
DDC NUMBER.....AD664291
INSTR...AF-EDAR -0017-67
PROJECT/TASK.....9777/01

AFOSR 68-0196
UNIVERSITY OF ROME
ELECTROPHYSIOLOGICAL STUDY OF VISUAL CORTICAL MECHANISMS
ACTIVATED DURING AVOIDANCE CONDITIONING TRAILS IN MACAQUES
ARCH ITAL BIOL V105 PP413-435 1967
BY RICCI G A
VALASSI F
ZAMPARO L
DAR ACCESS NO.....012925-001
DDC NUMBER.....AD664250
INSTR...AF-EDAR -0040-64
PROJECT/TASK.....9777/01

AFOSR 68-0197
UNIVERSITY OF MINNESOTA
LUMINESCENCE PHENOMENA IN MAGNESIUM OXIDE
INTERACTION OF RADIATION WITH SOLIDS A BISHAY ED PLENUM
PRESS PP617-627 1967
BY WERTZ J E
HALL L C
MELGESSON J
CHAO C C
DYKOSKI W S
DAR ACCESS NO.....005453-002
DDC NUMBER.....AD664268
INSTR...AF-EDAR -0040-64
PROJECT/TASK.....9763/02

AFOSR 68-0198
UNIVERSITY OF CALIFORNIA
LOW-ENERGY CONSTRAINTS ON PION PRODUCTION AMPLITUDES IN
PI NUCLEON SCATTERING
PHYS REV V182 N5 PP1497-1508 25 OCT 67
BY CHANG L N
DAR ACCESS NO.....005134-022
DDC NUMBER.....AD664258
INSTR...AF-EDAR -0230-66
PROJECT/TASK.....9751/01

AFOSR 68-0199
AMERICAN UNIVERSITY OF BEIRUT
PHONON EFFECTS IN THE UV SPECTRUM OF CRYSTALLINE
HEXAMETHYLBENZENE
THE JOURNAL OF CHEMICAL PHYSICS V45 N11 PP4329-4332 1 JUNE
67
BY MARIA M J
ZAMLAN A B
DAR ACCESS NO.....020900-001
DDC NUMBER.....AD664313
INSTR...AF-EDAR -0037-66
PROJECT/TASK.....9763/J3

AFOSR 68-0200
UNIVERSITY OF MINNESOTA
DOUBLY-ASSOCIATED CATION-VACANCY CENTERS IN MAGNESIUM
OXIDE
JOURNAL OF THE PHYSICS AND CHEMISTRY OF SOLIDS V28 PP1557-
63 AUGUST 1967
BY WERTZ J E
AULINS P V
DAR ACCESS NO.....005452-00R
DDC NUMBER.....AD664305
INSTR...AF-EDAR -0200-63
PROJECT/TASK.....9761/03

AFOSR 68-0201
FLORIDA ATLANTIC UNIVERSITY
THERMAL TIME CONSTANTS OF GERMANIUM THERMISTERS AT LIQUID
HELIUM TEMPERATURES
CRYOGENICS V7 N5 PP299-301 OCTOBER 67
BY SARVER C E
BLAKEMORE J S
DAR ACCESS NO.....024770-002
DDC NUMBER.....AD664279
INSTR...AF-EDAR -1250-67
PROJECT/TASK.....9763/02

AFOSR 68-0203
INDIANA UNIVERSITY FOUNDATION
LINEAR SPACES OF ANALYTIC FUNCTIONS
RAND McNALLY & CO CHICAGO 1966
BY PORCELLI P
DAR ACCESS NO.....011741-001
DDC NUMBER.....AD664449
INSTR...AF-49/638/01426
PROJECT/TASK.....9749/01

AFOSR 68-0205
CASE INSTITUTE OF TECHNOLOGY
DISTRIBUTION AND POWER OF THE ABSOLUTE NORMAL SCORES TEST
THE AMERICAN STATISTICAL ASSOCIATION V68 PP668-675
SEPTEMBER 1967
BY THOMPSON R
GOVINDARAJULU Z
DOKSUM K A
DAR ACCESS NO.....015250-003
DDC NUMBER.....AD664292
INSTR...AF-EDAR -0741-65
PROJECT/TASK.....9749/02

AFOSR 68-0206
CASE INSTITUTE OF TECHNOLOGY
CHARACTERIZATION OF THE EXPONENTIAL AND POWER DISTRIBUTIONS
SKANDINAVISK AKTUARIEIDSKRIFT PP133-136 1966
BY GOVINDARAJULU Z
DAR ACCESS NO.....015250-007
DDC NUMBER.....AD664298
INSTR...AF-EDAR -0741-65
PROJECT/TASK.....9749/02

AFOSR 68-0207
UNIVERSITY OF MINNESOTA
LEAST-SQUARES ADJUSTMENT OF ANHARMONIC POTENTIAL CONSTANTS
APPLICATION TO CARBON DIOXIDE CONTAINING ISOTOPES 12 AND 13
THE JOURNAL OF CHEMICAL PHYSICS V42 N7 PP2335-2344 1 APR 1965
BY PARIZEAU M A
SUZUKI I
OVEREND J
DAR ACCESS NO.....010071-004
DDC NUMBER.....AD664272
INSTR...AF-EDAR -0570-64
PROJECT/TASK.....9760/01

AFOSR 68-0208
VICTORIA UNIVERSITY OF WELLINGTON
APPLICATIONS FOR THE NOSSBAUER EFFECT IN CHEMISTRY
BY DUNCAN J F
DAR ACCESS NO.....011751-004
DDC NUMBER.....AD664352
INSTR...AF-EDAR -0087-65
PROJECT/TASK.....9710/03

AFOSR 68-0209
AN OPTICALLY TRANSPARENT THIN LAYER ELECTROCHEMICAL
CELL
ANALYTICAL CHEMISTRY V39 N13 PP1661-1668 NOV 1967
BY MURRAY R W
HEINEMAN W R
O DON C W
DAR ACCESS NO.....010081-303
DDC NUMBER.....AD664293
INSTR...AF-EDAR -0584-66
PROJECT/TASK.....9760/01

AFOSR 68-0210
INDIANA UNIVERSITY
EFFECT OF B7ND FORMATION ON ELECTRON SCATTERING
CROSS SECTIONS FOR MOLECULES
THE JOURNAL OF CHEMICAL PHYSICS V47 N5 PP1634-1646 1 SEP 1967
BY KIM D A
LOHMAN R A
DAR ACCESS NO.....010051-021
DDC NUMBER.....AD664253
INSTR...AF-EDAR -0602-64
PROJECT/TASK.....9760/02

AFOSR 68-0211
UNIVERSITY OF NORTH CAROLINA
ELECTROCHEMICAL MASKING WITH AN ADSORBED METAL COMPLEX
DETERMINATION OF SILVER - MERCURY MIXTURES
ANALYTICAL CHEMISTRY V39 PP1661-1662 NOV 1967
BY MURRAY R W
MCNEELY R L
DAR ACCESS NO.....010080-011
DDC NUMBER.....AD664270
INSTR...AF-EDAR -0584-64
PROJECT/TASK.....9760/01

AFOSR 68-0212
UNIVERSITY OF TEXAS
NEW METEOROLOGICAL COMPOUNDS XXVI SYNTHESIS OF BORAZARENES
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N24 PP6294-6297
22 NOV 1967
BY DAVIES K W
DEWAR M J S
ROMA P
DAR ACCESS NO.....019691-004
DDC NUMBER.....AD664269
INSTR...AF-EDAR -1059-67
PROJECT/TASK.....9762/01

AFOSR 68-0213
UNIVERSITY OF NEW MEXICO
FUNDAMENTAL INVESTIGATIONS OF LUMINESCENT MATERIALS
FINAL REPORT JAN 1968
BY CROSBY G A
DAR ACCESS NO.....011760-002
DDC NUMBER.....AD664278
INSTR...AF-EDAR -0269-63
PROJECT/TASK.....9710/02

AFOSR 68-0214
UNIVERSITY OF SOUTHERN CALIFORNIA
STABILITY CONDITIONS FOR A MIXED DISTRIBUTED AND LUMPED
PARAMETER CONTROL SYSTEM
INTERN J CONTROL V8 N1 PP65-73 1967
BY WANG P K C
DAR ACCESS NO.....019741-002
DDC NUMBER.....AD664278
INSTR...AF-EDAR -1027-67
PROJECT/TASK.....9749/01

AFOSR 68-0215
UNIVERSITY OF SOUTHERN CALIFORNIA
CONTROL OF A DISTRIBUTED PARAMETER SYSTEM WITH A FREE
BOUNDARY
INTERIM J CONTROL VS N4 PP317-329 1967
BY WANG P K C
OAR ACCESS NO.....J19741-003
DDC NUMBER.....AD664277
INSTR...AF-AFOSR-1029-67
PROJECT/TASK.....9749/01

AFOSR 68-0216
YALE UNIVERSITY
EFFECT OF PRESSURE ON CONDUCTANCE III
TETRAISOAMMONIUM PICRATE ANISOLE
JOURNAL PHYSICAL CHEMISTRY V71 N13 PP4455-4458
DECEMBER 1967
BY SKINNER J F
CUSSLER E L
FUOSS R H
OAR ACCESS NO.....013831-001
DDC NUMBER.....AD664436
INSTR...AF-AFOSR-0844-65
PROJECT/TASK.....9760/02

AFOSR 68-0217
MICHIGAN STATE UNIVERSITY
ON RELATING THE BEHAVIOR OF A SYSTEM TO THE BEHAVIOR OF ITS
CONSTITUENTS A THEORY OF CELLULAR DIFFERENTIATION AND THE
APPLICATION OF LIAPUNOV'S DIRECT METHOD TO STATISTICAL
INTERIM SCIENTIFIC REPORT NO 1 JAN 1968
BY ULINSKI P S
KILMER W L
OAR ACCESS NO.....021311-001
DDC NUMBER.....AD664469
INSTR...AF-AFOSR-1023-67
PROJECT/TASK.....9769/04

AFOSR 68-0218
POLYTECHNIC INSTITUTE OF BROOKLYN
REGULAR EXPRESSIONS AND CHECKING EXPERIMENTS
PIENAI-1378-67 SEPT 1967
BY GELENDE S E
OAR ACCESS NO.....001685-045
DDC NUMBER.....AD664696
INSTR...AF-49/638/01402
PROJECT/TASK.....4751/00

AFOSR 68-0219
STANFORD UNIVERSITY
A STUDY OF THE MECHANISMS OF WHISTLER PROPAGATION AND VLF
EMISSION GENERATION FINAL REPORT JAN 1968
BY MELLISWELL R A
OAR ACCESS NO.....000176-001
DDC NUMBER.....AD664448
INSTR...AF-AFOSR-0783-67
PROJECT/TASK.....9768/02

AFOSR 68-0220
POLYTECHNIC INSTITUTE OF BROOKLYN
DISPERSION RELATIONS IN TIME-SPACE PERIODIC MEDIA
PART II-UNSTABLE INTERACTIONS
PROCEEDINGS IEEE V55 N7 PP1154-1168 JULY 1967
BY CASSEY E S
OAR ACCESS NO.....001685-043
DDC NUMBER.....AD664431
INSTR...AF-49/638/01402
PROJECT/TASK.....4751/00

AFOSR 68-0221
CALIFORNIA INSTITUTE OF TECHNOLOGY
LIQUID MOTION IN A CIRCULAR CYLINDRICAL CONTAINER WITH A
FLEXIBLE BOTTOM
AIAA JOURNAL V5 N10 PP1842-1848 OCT 1967
BY TONG P
OAR ACCESS NO.....001373-011
DDC NUMBER.....AD664426
INSTR...AF-49/638/01364
PROJECT/TASK.....9762/01

AFOSR 68-0222
AVCO/EVERETT RESEARCH LAB
TWO NEW RESULTS IN CYLINDRICAL DIODE TRON THEORY
RESEARCH REPORT 283 NOV 1967
BY LEVY R H
OAR ACCESS NO.....005241-002
DDC NUMBER.....AD663208
INSTR...AF-49/638/01953
PROJECT/TASK.....9752/01

AFOSR 68-0223
LITTON SYSTEMS INDUSTRIES
CURRENT MEASUREMENTS IN HIGH-VOLTAGE RADIO FREQUENCY
PLASMA DISCHARGES
REVIEW SCIENTIFIC INSTRUMENTS V38 N10 PP1833-1838 OCT 1967
BY PENFOLD A S
HARDER R C JR
OAR ACCESS NO.....014530-003
DDC NUMBER.....AD664432
INSTR...AF-49/638/01251
PROJECT/TASK.....9752/01

AFOSR 68-0224
COLUMBIA UNIVERSITY
THICKNESS OF A SHOCK WAVE IN HYDROGEN
PHYSICS FLUIDS V10 N8 PP1854-1855 AUG 1967
BY GROSS R A
OAR ACCESS NO.....009583-011
DDC NUMBER.....AD664424
INSTR...AF-49/638/01634
PROJECT/TASK.....9752/01

AFOSR 68-0225
UNIVERSITY OF CALIFORNIA
MASS SPECTROSCOPIC OBSERVATION OF IGNITION PHENOMENA IN A
SMALL ROCKET COMBUSTION CHAMBER
BY SAWYER R F
OAR ACCESS NO.....025450-003
DDC NUMBER.....AD664580
INSTR...AF-AFOSR-1256-67
PROJECT/TASK.....9750/02

AFOSR 68-0226
UNIVERSITY OF CALIFORNIA
A STUDY OF THE SOLUTIONS OF ONE-DIMENSIONAL VLASOV-POISSON
EQUATIONS FOR HARMONIC TIME DEPENDENCE AND EXTERNAL
POTENTIAL
SCIENTIFIC REPORT NO 51 OCT 1967
BY TIMHOPER S
OAR ACCESS NO.....013281-009
DDC NUMBER.....AD664585
INSTR...AF-49/638/01402
PROJECT/TASK.....9752/01

AFOSR 68-0227
POLYTECHNIC INSTITUTE OF BROOKLYN
THE PARAMETRIC COUPLING OF MODES OF PROPAGATION IN
NONLINEAR MEDIA
SYMPOSIUM ELECTROMAGNETIC THEORY DELFT THE NETHERLANDS
SEPT 1967 PP543-568 PERGAMON PRESS OXFORD 1967
BY CASSEY E S
OAR ACCESS NO.....001686-044
DDC NUMBER.....AD664427
INSTR...AF-49/638/01402
PROJECT/TASK.....4751/00

AFOSR 68-0228
COLUMBIA UNIVERSITY
EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
BY LEVINE L S
GROSS R A
OAR ACCESS NO.....009583-012
DDC NUMBER.....AD664587
INSTR...AF-49/638/01634
PROJECT/TASK.....9752/01

AFOSR 68-0229
TECHNICON RESEARCH AND DEVELOPMENT FOUNDATION
EFFECT OF A MAGNETIC FIELD ON A LAYER OF FREE SURFACE
MERCURY
ISRAEL JOURNAL OF TECHNOLOGY VS N4 PP261-266 1967
BY GEFEN H
SCHIEBER D
OAR ACCESS NO.....019032-001
DDC NUMBER.....AD664433
INSTR...AF-61/052/00953
PROJECT/TASK.....9752/01

AFOSR 68-0230
HEBREW UNIVERSITY
ELECTRON DENSITY AND IONIZATION PHENOMENA IN SHOCK WAVES
FINAL REPORT OCT 1967
BY LOW W
OAR ACCESS NO.....006561-006
DDC NUMBER.....AD664588
INSTR...AF-61/052/00846
PROJECT/TASK.....9763/02

AFOSR 68-0231
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
LAMINAR SEPARATION IN HYPERSONIC FLOWS FINAL REPORT SEPT
1967
BY GINJUK J J
OAR ACCESS NO.....001107-001
DDC NUMBER.....AD664602
INSTR...AF-EDAR -0009-67
PROJECT/TASK.....9761/02

AFOSR 68-0232
UNIVERSITY OF TEXAS
INVESTIGATION OF STRONG BLAST WAVES AND THE DYNAMICS OF
LASER INDUCED PLASMAS IN HIGH PRESSURE GASES
AIAA ELECTRIC PROPULSION AND PLASMA DYNAMICS CONFERENCE
COLORADO SPRINGS COLORADO 11-13 SEPTEMBER 1967
BY FRIEDRICH O M JR
WEIGL F
DOUGAL A A
OAR ACCESS NO.....015242-042
DDC NUMBER.....AD664509
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-0233
UNIVERSITY OF TEXAS
ADAPTIVE CONTROL OF UNKNOWN TIME VARIABLE SYSTEMS
ASILOMAR CONFERENCE 1ST PACIFIC GROVE CALIFORNIA 1-3 NOV
1967
BY HASTEN H K
WOMACK B F
OAR ACCESS NO.....015242-043
DDC NUMBER.....AD664594
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-0234
UNIVERSITY OF TEXAS
ON THE CONSTRUCTION OF IRREDUCIBLE REALIZATIONS
ASILOMAR CONFERENCE 1ST PACIFIC GROVE CALIFORNIA 1-3
NOV 1967
BY ALBERTSON H D
WOMACK B F
OAR ACCESS NO.....015242-044
DDC NUMBER.....AD664595
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-0236
UNIVERSITY OF TEXAS
IONIC DIFFUSION AT THE ALUMINUM-ALUMINUM OXIDE INTERFACE
JOURNAL OF APPLIED PHYSICS V38 N10 PP3643-3648 SEPT 1967
BY CHRISTIAN J M
TAYLOR H L
OAR ACCESS NO.....015242-041
DDC NUMBER.....AD664428
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-0238
INNSBRUCK UNIVERSITY
INVESTIGATION OF PLASMA INSTABILITIES AND ADDITIONAL MHD
INVESTIGATIONS FINAL REPORT DEC 1967
BY CAP F
HERRNEGGER F
UNTREGGER P
TINHOER G
FALSER H
OAR ACCESS NO.....013251-010
DDC NUMBER.....AD664924
INSTR...F01052-67-C-0014
PROJECT/TASK.....9752/01

AFOSR 68-0237
UNIVERSITY OF PENNSYLVANIA
WORD STATISTICS IN THE GENERATION OF SEMANTIC TOOLS FOR
INFORMATION SYSTEMS
MOORE SCHOOL REPORT NO 68-23
BY STONE D C
OAR ACCESS NO.....011842-006
DDC NUMBER.....AD664915
INSTR...AF-49/638/01421
PROJECT/TASK.....9769/01

AFOSR 68-0238
NEW YORK STATE UNIVERSITY RESEARCH FOUNDATION
ON THE FORCED MOTION OF ELASTIC SOLIDS
APPLIED SCIENTIFIC RESEARCH V18 PP156-165 SEPT 1967
BY REISMANN H
OAR ACCESS NO.....020440-002
DDC NUMBER.....AD664429
INSTR...AF-AFOSR-0968-66
PROJECT/TASK.....9782/01

AFOSR 68-0239
CALIFORNIA INSTITUTE OF TECHNOLOGY
COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC FLUTTER
OF CIRCULAR CYLINDRICAL SHELLS
AIAA JOURNAL V5 N10 PP1849-1856 OCT 1967
BY OLSON M
FUNG Y C
OAR ACCESS NO.....001374-005
DDC NUMBER.....AD664422
INSTR...AF-AFOSR-1186-67
PROJECT/TASK.....9782/01

AFOSR 68-0240
CORNELL AERONAUTICAL LABORATORY I-C
STUDY OF NONEQUILIBRIUM FLOWS FINAL REPORT JAN 1968
BY RICH J W
OAR ACCESS NO.....0006081-003
DDC NUMBER.....AD667816
INSTR...AF-49/638/01480
PROJECT/TASK.....9781/01

AFOSR 68-0241
GIANNINI CONTROLS CORP
STIFFNESS OF FINITELY DEFORMABLE MEMBRANES
FINAL REPORT JULY 1967
BY DOUGLAS W J
OAR ACCESS NO.....017500-004
DDC NUMBER.....AD667024
INSTR...AF-49/638/01509
PROJECT/TASK.....9782/01

AFOSR 68-0242
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
COMPARATIVE STUDY OF OPTIMIZATION TECHNIQUES FOR SHOCK
AND VIBRATION ISOLATION
BY KAHNOPP D C
TRIKHA A K
OAR ACCESS NO.....005022-008
DDC NUMBER.....AD666928
INSTR...AF-49/638/01314
PROJECT/TASK.....9742/01

AFOSR 68-0243
UNIVERSITY OF UTAH
THERMAL EFFECTS OF COMPOSITE-PROPELLANT REACTIONS
BY CHENG J I
BAER A D
RYAN M W
OAR ACCESS NO.....001866-002
DDC NUMBER.....ADR29084
INSTR...AF-AFOSR-0040-67
PROJECT/TASK.....9711/01

AFOSR 68-0244
C-E-I-R INC
RETRIEVAL OF TECHNICAL DOCUMENTS FINAL REPORT NOV 1967
BY ROHNERT L M
OAR ACCESS NO.....021361-001
DDC NUMBER.....AD664596
INSTR...F44620-67-C-0041
PROJECT/TASK.....6146/50

AFOSR 68-0245
HEBREW UNIVERSITY
ON NONSEPARABLE REFLEXIVE BANACH SPACES
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V72 N6
PP967-970 NOVEMBER 1966
BY LINDENSTRAUSS J
OAR ACCESS NO.....003643-004
DDC NUMBER.....AD664605
INSTR...AF-EOAR -0018-66
PROJECT/TASK.....9749/02

AFOSR 68-0246
HEBREW UNIVERSITY
ON REFLEXIVE SPACES HAVING THE METRIC APPROXIMATION
PROPERTY
ISRAEL JOURNAL OF MATHEMATICS V3 N4 PP199-204 DECEMBER
1965
BY LINDENSTRAUSS J
OAR ACCESS NO.....003643-005
DDC NUMBER.....AD664625
INSTR...AF-EOAR -0018-66
PROJECT/TASK.....9749/02

AFOSR 68-0247
HEBREW UNIVERSITY
NOTES ON KLEIN PAPER POLYHEDRAL SECTIONS OF CONVEX BODIES
ISRAEL JOURNAL OF MATHEMATICS V4 N4 PP235-242 DECEMBER 1966
BY LINDENSTRAUSS J
OAR ACCESS NO.....003643-006
DDC NUMBER.....AD664627
INSTR...AF-EOAR -0018-66
PROJECT/TASK.....9749/02

AFOSR 68-0248
HEBREW UNIVERSITY
ON BANACH SPACES WHOSE DUALS ARE L1 SPACES
ISRAEL JOURNAL OF MATHEMATICS V4 N3 PP205-207 SEPTEMBER
1966
BY LAZAR A J
LINDENSTRAUSS J
OAR ACCESS NO.....003643-007
DDC NUMBER.....AD664606
INSTR...AF-EOAR -0018-66
PROJECT/TASK.....9749/02

AFOSR 68-0249
UNIVERSITY OF CALIFORNIA
ELEMENTARY PATH COUNTS
AMERICAN MATHEMATICAL MONTHLY V74 N7 PP801-804 1967
BY BLACKWELL D
HODGES J I JR
OAR ACCESS NO.....027570-001
DDC NUMBER.....AD663174
INSTR...AF-AFOSR-1312-67
PROJECT/TASK.....9749/02

AFOSR 68-0250
UNIVERSITY OF CALIFORNIA
INFINITE GAMES AND ANALYTIC SETS
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V58 N5
PP1836-1837 NOV 1967
BY BLACKWELL D
OAR ACCESS NO.....027570-002
DDC NUMBER.....AD664632
INSTR...AF-AFOSR-1312-67
PROJECT/TASK.....9749/02

AFOSR 68-0251
UNIVERSITY OF MINNESOTA
THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION
WITH INFINITE DATA
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V72 N1 PT 1
PP102-106 JANUARY 1966
BY JENKINS M
SERRIN J
OAR ACCESS NO.....017310-013
DDC NUMBER.....AD664607
INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02

AFOSR 68-0252
UNIVERSITY OF MARYLAND
EXPERIMENTAL AND THEORETICAL RESEARCH IN GRAVITATION
PHYSICS FINAL REPORT JAN 1968
BY WEBER J
OAR ACCESS NO.....007163-003
DDC NUMBER.....AD664698L
INSTR...AF-AFOSR-0409-65
PROJECT/TASK.....9767/04

AFOSR 68-0253
UNIVERSITY OF MINNESOTA
THE GENERATION OF A BOUNDARY LAYER IN HYDRODYNAMICS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V21 N4
PP286-302 1966
BY FIFE P C
OAR ACCESS NO.....017310-014
DDC NUMBER.....AD664609
INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02

AFOSR 68-0254
TRIOLLO CHEMICAL CORP
RESEARCH ON ENERGY CONVERSION IN FLOWING SYSTEMS FINAL
REPORT JAN 1968
BY VANPEE M
KINEYKO W W
OAR ACCESS NO.....019910-002
DDC NUMBER.....AD662966
INSTR...AF-49/638/01875
PROJECT/TASK.....9711/01

AFOSR 68-0253
UNIVERSITY OF COLORADO
STUDIES OF ATTITUDE AND ATTITUDE MEASUREMENT
FINAL REPORT MARCH 1968
BY COOK S W
OAR ACCESS NO.....013733-001
DDC NUMBER.....AD666459
INSTR...AF-AFOSR-0436-65
PROJECT/TASK.....9778/02

AFOSR 68-0256
UNIVERSITY OF MINNESOTA
VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE II BOUNDARY
VALUE PROBLEMS FOR THE MINIMAL SURFACE EQUATION
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V21 N4
PP321-342 1966
BY JENKINS M
SEARIN J
OAR ACCESS NO.....017310-015
DDC NUMBER.....AD666424
INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02

AFOSR 68-0257
CALIFORNIA INSTITUTE OF TECHNOLOGY
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVIII
REARRANGEMENT OF PHENYLVINYL CYCLOPROPANES
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N23 PP5970-5971
8 NOV 1967
BY KRISTINSSON M
HAMMOND G S
OAR ACCESS NO.....015080-007
DDC NUMBER.....AD6664615
INSTR...AF-49/638/01479
PROJECT/TASK.....9762/01

AFOSR 68-0258
CALIFORNIA INSTITUTE OF TECHNOLOGY
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVII
CYCLIZATION OF COMPOUNDS CONTAINING PHENYL AND CONJUGATED
DIENYLCHROMOPHORES
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N23 PP5968-5970
8 NOV 1967
BY KRISTINSSON M
HAMMOND G S
OAR ACCESS NO.....015080-008
DDC NUMBER.....AD6664608
INSTR...AF-49/638/01479
PROJECT/TASK.....9762/01

AFOSR 68-0259
HERNER AND CO
MORPHOLOGY OF INFORMATION FLOW
JOURNAL OF THE ASSOCIATION FOR COMPUTING MACHINERY V14 N4
PP710-719 OCTOBER 1967
BY FAIRTHORNE H A
OAR ACCESS NO.....014551-003
DDC NUMBER.....AD666429
INSTR...AF-49/638/01427
PROJECT/TASK.....9769/01

AFOSR 68-0260
STANFORD UNIVERSITY
OPTICAL ANISOTROPY OF CHAIN MOLECULES THEORY OF
DEPOLARIZATION OF SCATTERED LIGHT WITH APPLICATION TO
TO N-ALKANES
JOURNAL CHEMICAL PHYSICS V47 NO PP1999-2007 15 SEPT 1967
BY JERNIGAN R L
FLORY P J
OAR ACCESS NO.....010391-024
DDC NUMBER.....AD6664616
INSTR...AF-49/638/01341
PROJECT/TASK.....9760/03

AFOSR 68-0261
TEL-AVIV UNIVERSITY
REGULARITIES ARISING IN THE COMPOSITE-HANDBOOK PICTURE IN
TERMS OF F THEORY OF HIGH-ENERGY CURRENTS
HIGH ENERGY PHYSICS AND NUCLEAR STRUCTURE NORD 1 LAND
1967 PP382-390
BY NEEMAN Y
OAR ACCESS NO.....021480-008
DDC NUMBER.....AD6664631
INSTR...AF-EDAH-0039-66
PROJECT/TASK.....9751/01

AFOSR 68-0262
WASHINGTON UNIVERSITY
INVESTIGATION OF ELECTRON AND NUCLEAR SPIN-PHONON
INTERACTIONS IN METALS AND SEMICONDUCTORS FINAL REPORT DEC
1967
BY HOLEF D I
OAR ACCESS NO.....015780-002
DDC NUMBER.....AD6664913
INSTR...AF-AFOSR-0841-65
PROJECT/TASK.....9763/02

AFOSR 68-0264
UNIVERSITY OF MICHIGAN
SOME EARLY LEAD SALT DEFLATION DEVELOPMENTS FINAL REPORT
MARCH 1968
BY LOVELL D J
OAR ACCESS NO.....027400-001
DDC NUMBER.....AD6664031
INSTR...F44620-67-C-0051
PROJECT/TASK.....9769/02

AFOSR 68-0265
UNIVERSITY OF MINNESOTA
SUPERCONDUCTING PROPERTIES OF TRANSITION METAL CARBIDES &
NITRIDES FINAL REPORT FEB 1968
BY TOTH L E
OAR ACCESS NO.....020930-008
DDC NUMBER.....AD6671944
INSTR...AF-AFOSR-1012-66
PROJECT/TASK.....9763/03

AFOSR 68-0266
UNIVERSITY OF ILLINOIS
MODULATION AND DETECTION OF COHERENT OPTICAL RADIATION
FINAL REPORT FEB 1967
BY HOLSHOUSER D P
GADDY O L
OAR ACCESS NO.....004713-003
DDC NUMBER.....AD6669575
INSTR...AF-AFOSR-0300-68
PROJECT/TASK.....9767/02

AFOSR 68-0267
UNIVERSITY OF NEW MEXICO
THE DYNAMIC LOW CYCLE TESTING MACHINE /DESIGN AND
CALIBRATION/
TECHNICAL REPORT ME-31
BY SHANNON M J
OAR ACCESS NO.....010332-002
DDC NUMBER.....AD6669132
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9762/01

AFOSR 68-0268
BRANDEIS UNIVERSITY
EXPERIMENTAL INVESTIGATIONS OF CRITICAL PHENOMENA
PUBLISHED IN REPORTS ON PROGRESS IN PHYSICS V30 PT2
PP331-R26 1967 FINAL REPORT FEB 1968
BY HELLER P
OAR ACCESS NO.....019810-001
DDC NUMBER.....AD6669599
INSTR...AF-AFOSR-0871-65
PROJECT/TASK.....9763/02

AFOSR 68-0269
PRINCETON UNIVERSITY
EXISTENCE OF N AND D MATRICES
J OF MATH PHYS V8 N3 PP651-656 MARCH 1967
BY HARTLE J B
TAYLOR J R
OAR ACCESS NO.....005123-008
DDC NUMBER.....AD6665250
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-0270
PRINCETON UNIVERSITY
CLUSTER DECOMPOSITION AND THE SPIN-STATISTICS THEOREM IN
S-MATRIX THEORY
PHYSICAL REVIEW V153 N5 PP1636-1648 25 JAN 1967
BY FROISSART M
TAYLOR J R
OAR ACCESS NO.....005123-009
DDC NUMBER.....AD6665226
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-0271
PRINCETON UNIVERSITY
SCME REMARKS ON SUPERCONVERGENCE RELATIONS
PHYSICAL REVIEW V159 N5 PP1324-1327 25 JULY 1967
BY CHOUDHURY S R
NUSSINOV S
OAR ACCESS NO.....005123-010
DDC NUMBER.....AD6665230
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-0272
PRINCETON UNIVERSITY
A GRAPHICAL METHOD FOR MULTI-SOFT-PION PROCESSES
ANNALS OF PHYSICS V42 N3 PP467-475 MAY 1967
BY ABARRANEL M D I
NUSSINOV S
OAR ACCESS NO.....005123-011
DDC NUMBER.....AD6665228
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-0273
PRINCETON UNIVERSITY
SELF-CONSISTENT APPROXIMATIONS FOR THE RESONANT RESPONSE
OF MAGNETIC IONS IN METALS
PHYS REV V158 N2 PP288-294 10 JUNE 1967
BY FROEDERS P A
OAR ACCESS NO.....005123-012
DDC NUMBER.....AD6665256
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-0274
PRINCETON UNIVERSITY
LOWER BOUND ON THE DECAY RATE FOR MU PAIR PRODUCTION FROM
THE ETA PARTICLE
PHYSICAL REVIEW LETTERS V18 N24 PP1043-1044 12 JUNE 1967
BY CALLAN C G JR
THEIMAN S U
OAR ACCESS NO.....005123-013
DDC NUMBER.....AD6665252
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-0275
PRINCETON UNIVERSITY
STRUCTURE OF π - π DECAY
PHYS REV V153 N5 PP1547-1552 25 JANUARY 1967
BY ABARRANEL F D I
DAR ACCESS NO.....005123-013
DDC NUMBER.....AD665251
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-0276
PRINCETON UNIVERSITY
IMPLICATIONS OF REGGE BEHAVIOR FOR PROCESSES INVOLVING
PHOTONS
PHYS REV V158 NSPP1462-1466 25 JUNE 1967
BY ABARRANEL F D I
DAR ACCESS NO.....005123-014
DDC NUMBER.....AD665252
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-0277
PRINCETON UNIVERSITY
SOME SURFACE EFFECTS IN AN ELECTRON GAS
PHYSICAL REVIEW V153 N2 PP438-443 10 JAN 1967
BY FEDDERS P A
DAR ACCESS NO.....005123-015
DDC NUMBER.....AD665172
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-0278
PRINCETON UNIVERSITY
SUPERCONVERGENT AMPLITUDES IN NUCLEON COMPTON SCATTERING
PHYS REV LETTERS V19 N2 PP96-98 10 JULY 1967
BY CHOUDHURY S R
DAR ACCESS NO.....005123-016
DDC NUMBER.....AD665171
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-0279
UNIVERSITY OF TEXAS AT AUSTIN
AN ADAPTIVE MULTICATEGORY PATTERN CLASSIFICATION SYSTEM
JSEP TECHNICAL REPORT NO 43
BY PITT J M
DAR ACCESS NO.....015242-047
DDC NUMBER.....AD665898
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-0280
UNIVERSITY OF WASHINGTON
DUALITY AND STABILITY IN EXTREMUM PROBLEMS INVOLVING
CONVEX FUNCTIONS
PACIFIC JOURNAL OF MATHEMATICS V21 N1 PP167-187 1967
BY RUCKAFELLAR R T
DAR ACCESS NO.....022561-001
DDC NUMBER.....AD665204
INSTR...AF-AFOSR-1202-67
PROJECT/TASK.....9749/01

AFOSR 68-0281
UNIVERSITY OF WASHINGTON
MINIMIZING FUNCTIONALS ON NORMED-LINEAR SPACES
J SIAM CONTROL V4 N1 PP81-89 1966
BY GOLDSTEIN A A
DAR ACCESS NO.....014042-001
DDC NUMBER.....AD665206
INSTR...AF-AFOSR-0937-65
PROJECT/TASK.....9749/01

AFOSR 68-0282
NEW YORK UNIVERSITY
ASYMPTOTIC THEORY OF TRANSIENTS
PROCEEDINGS OF SYMPOSIUM ON ELECTROMAGNETIC WAVE THEORY
DELFT THE NETHERLANDS SEPT 1965 PP845-869 PERGAMON PRESS
N Y 1967
BY LEWIS R M
DAR ACCESS NO.....000333-009
DDC NUMBER.....AD665260
INSTR...AF-AFOSR-0537-64
PROJECT/TASK.....9749/02

AFOSR 68-0283
UNIVERSITY OF MARYLAND
PHRAGMEN-LINDLOF AND COMPARISON THEOREMS FOR ELLIPTIC
EQUATIONS WITH MIXED BOUNDARY CONDITIONS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V26 N4
PP316-334 1967
BY GODSON J K
DAR ACCESS NO.....001523-023
DDC NUMBER.....AD665255
INSTR...AF-AFOSR-0400-64
PROJECT/TASK.....9749/01

AFOSR 68-0284
UNIVERSITY OF MICHIGAN
WEAK SOLUTIONS OF CONSERVATION LAWS IN GENERAL RELATIVITY
SIAM PROC PP301-314 1964
BY COBURN N
DAR ACCESS NO.....011760-004
DDC NUMBER.....AD665249
INSTR...AF-AFOSR-0020-63
PROJECT/TASK.....9749/01

AFOSR 68-0285
NATIONAL ACADEMY OF SCIENCES
BOUNDARY LAYERS AND TURBULENCE-INTERNATIONAL SYMPOSIUM ON
BOUNDARY LAYERS AND TURBULENCE INCLUDING GEOPHYSICAL
APPLICATIONS KYOTO JAPAN 19-24 SEPT 1966 FINAL REPORT JAN
DAR ACCESS NO.....022010-001
DDC NUMBER.....AD665207
INSTR...AF-49/638/01716
PROJECT/TASK.....9781/01

AFOSR 68-0286
UNIVERSITY COLLEGE
SOME COMPARISONS BETWEEN THE NERVOUS SYSTEMS OF
CEPHALOPODS AND MAMMALS
INVERTEBRATE NERVOUS SYSTEMS C A G WERSMA ED CHICAGO
UNIVERSITY OF CHICAGO PRESS PP353-362 1967
BY YOUNG J Z
DAR ACCESS NO.....004346-005
DDC NUMBER.....AD665166
INSTR...AF-EOAR-0053-66
PROJECT/TASK.....9777/01

AFOSR 68-0287
UNIVERSITY COLLEGE
LATERAL INTERACTION AND TRANSFER IN THE TACTILE MEMBRANE OF
THE OCTOPUS
JOURNAL EXPERIMENTAL BIOLOGY V48 PP383-400 1966
BY WELLS M J
DAR ACCESS NO.....004346-006
DDC NUMBER.....AD665169
INSTR...AF-EOAR-0053-66
PROJECT/TASK.....9777/01

AFOSR 68-0288
UNIVERSITY COLLEGE
NATURE OF VESICLES ASSOCIATED WITH THE NERVOUS SYSTEM OF
CEPHALOPODS
ZEITSCHRIFT FÜR ZELLFORSCHUNG V75 PP301-316 1966
BY NISHIOKA R S
DAR ACCESS NO.....004346-007
DDC NUMBER.....AD665170
INSTR...AF-EOAR-0053-66
PROJECT/TASK.....9777/01

AFOSR 68-0289
UNIVERSITY OF CALIFORNIA
ON LINE SOLUTION OF OPTIMAL NONSTATIONARY LINEAR SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL PP83-85 FEB 1967
BY WATSON J W
DAR ACCESS NO.....014940-005
DDC NUMBER.....AD665211
INSTR...AF-AFOSR-0699-65
PROJECT/TASK.....9749/01

AFOSR 68-0290
UNIVERSITY OF TEXAS AT AUSTIN
A STUDY OF THE MODAL PROPERTIES OF LINEAR DYNAMICAL SYSTEMS
JSEP TECHNICAL REPORT NO 44
BY ALBERTSON M D
DAR ACCESS NO.....015242-048
DDC NUMBER.....AD665899
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-0291
UNIVERSITY COLLEGE
LEVELS OF RESPONSIVENESS TO FOOD OR ITS ABSENCE AND THE
VERTICAL LOBE CIRCUIT OF OCTOPUS VULGARIS LAMARCK
ZEITSCHRIFT FÜR VERGLEICHENDE PHYSIOLOGIE V53 PP169-184
1966
BY NIXON M
DAR ACCESS NO.....004346-011
DDC NUMBER.....AD665198
INSTR...AF-EOAR-0042-64
PROJECT/TASK.....9777/01

AFOSR 68-0292
UNIVERSITY COLLEGE
THE EFFECTS ON LOCOMOTION OF LESIONS TO THE VISUO-MOTOR
SYSTEM IN OCTOPUS
PROCEEDINGS OF THE ROYAL SOCIETY SER A V167 PP252-281 1967
BY MESSENGER J B
DAR ACCESS NO.....004346-008
DDC NUMBER.....AD665167
INSTR...AF-EOAR-0053-66
PROJECT/TASK.....9777/01

AFOSR 68-0293
UNIVERSITY COLLEGE
THE PEDUNCLE LOBE A VISUO-MOTOR CENTRE IN OCTOPUS
PROCEEDINGS OF THE ROYAL SOCIETY SER B V167 PP225-251 1967
BY MESSENGER J B
DAR ACCESS NO.....004346-009
DDC NUMBER.....AD665167
INSTR...AF-EOAR-0053-66
PROJECT/TASK.....9777/01

AFOSR 68-0294
WESTERN RESERVE UNIVERSITY
CAPACITY OF THE NEUROHYPOPHYSIS TO RELEASE VASOPRESSIN
ENDOCRINOLOGY V81 N4 PP755-770 OCT 1967
BY SACHS M
SHARE L
OSINCHAK J
CARPI A
OAR ACCESS NO.....014820-008
DDC NUMBER.....AD668212
INSTR...AF-AFOSR-0692-66
PROJECT/TASK.....9777/01

AFOSR 68-0295
HEBREW UNIVERSITY
ON EXTREME POINTS IN LI
ISRAEL JOURNAL OF MATHEMATICS V4 N1 PP59-61 MARCH 1966
BY LINDENSTRAUSS J
OAR ACCESS NO.....003643-008
DDC NUMBER.....AD668209
INSTR...AF-AFOSR-0692-66
PROJECT/TASK.....9749/02

AFOSR 68-0296
UNIVERSITY OF MINNESOTA
ON THE PROBLEM OF MULTIPLE SOLUTIONS IN THE CALCULATION OF
FORCE CONSTANTS BY LEAST-SQUARES
SPECTROCHIMICA ACTA V22 PP1383-1388 1966
BY NEEDHAM C O
OVEREND J
OAR ACCESS NO.....010071-005
DDC NUMBER.....AD668210
INSTR...AF-AFOSR-0570-64
PROJECT/TASK.....9760/01

AFOSR 68-0297
UNIVERSITY OF TEXAS
DYNAMICS OF PRESSURE-FREE MATTER IN GENERAL RELATIVITY
JOURNAL OF MATHEMATICAL PHYSICS V8 N5 PP1171-1194 MAY 1967
BY ELLIS G F R
OAR ACCESS NO.....013972-001
DDC NUMBER.....AD668267
INSTR...AF-AFOSR-0484-65
PROJECT/TASK.....9749/01

AFOSR 68-0298
NEW YORK UNIVERSITY
DAMPING GIMBALLLESS INERTIAL NAVIGATION SYSTEMS
IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS
VAES3 N3 PP481-494 MAY 1967
BY GRAMATIKOS A
SCHULER A R
PEGLEY K A
OAR ACCESS NO.....014298-001
DDC NUMBER.....AD668269
INSTR...AF-AFOSR-0499-67
PROJECT/TASK.....9749/01

AFOSR 68-0299
UNIVERSITY OF WASHINGTON
ON NEWTONS METHOD
NUMERISCHE MATHEMATIK V7 PP391-393 1965
BY GOLDSTEIN A A
OAR ACCESS NO.....014082-002
DDC NUMBER.....AD668270
INSTR...AF-AFOSR-0937-65
PROJECT/TASK.....9749/01

AFOSR 68-0300
UNIVERSITY OF WASHINGTON
CONVEX PROGRAMMING AND OPTIMAL CONTROL
J SIAM CONTROL SER A V3 N1 PP142-146 1965
BY GOLDSTEIN A A
OAR ACCESS NO.....014082-003
DDC NUMBER.....AD668273
INSTR...AF-AFOSR-0937-65
PROJECT/TASK.....9749/01

AFOSR 68-0301
STANFORD UNIVERSITY
PERIODIC SOLUTIONS OF DIFFERENTIAL-DIFFERENCE EQUATIONS
WITH RELAY CONTROL
INTERN J CONTROL V6 N1 PP1-25 1967
BY KASHIWAGI Y
PLUGGE-LOTZ I
OAR ACCESS NO.....015280-002
DDC NUMBER.....AD668239
INSTR...AF-AFOSR-0638/01431
PROJECT/TASK.....9749/01

AFOSR 68-0302
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GROUP RINGS OVER DEDERIND DOMAINS II
JOURNAL OF ALGEBRA V7 N2 PP276-279 OCTOBER 1967
BY LARSON R G
OAR ACCESS NO.....007052-003
DDC NUMBER.....AD668194
INSTR...AF-AFOSR-0335-62
PROJECT/TASK.....9749/02

AFOSR 68-0303
UNIVERSITY OF ILLINOIS
SECONDARY-ELECTRON EMISSION FROM GLYCEROL-COATED COPPER
SURFACES
JOURNAL APPLIED PHYSICS V38 N11 PP4310-4313 OCT 1967
BY GILL J J
HENDRICKS C D
OAR ACCESS NO.....013242-002
DDC NUMBER.....AD668246
INSTR...AF-AFOSR-0107-66
PROJECT/TASK.....9782/01

AFOSR 68-0304
STANFORD UNIVERSITY
A PROCEDURE FOR CONFORMAL MAPPING OF TRIPLY - CONNECTED
DOMAINS
MATHEMATICS OF COMPUTATION V21 N100 PP827-842 OCT 1967
BY BERGMAN S
CHALMERS S
OAR ACCESS NO.....019720-001
DDC NUMBER.....AD668283
INSTR...AF-AFOSR-1047-66
PROJECT/TASK.....9749/02

AFOSR 68-0305
PRINCETON UNIVERSITY
ELEMENTARY AND COMPOSITE PARTICLES IN THE 1-THETA SECTOR OF
THE LEE MODEL
NUCL PHYS B2 PP441-448 24 APR 1967
BY CHOUGHURY S R
SRIVASTAVA P K
OAR ACCESS NO.....008123-017
DDC NUMBER.....AD668000
INSTR...AF-AFOSR-0693-65
PROJECT/TASK.....9767/04

AFOSR 68-0307
BROWN UNIVERSITY
AN INVARIANCE PRINCIPLE IN THE THEORY OF STABILITY
DIFFERENTIAL EQUATIONS & DYNAMICAL SYSTEMS PROC INTERN
SYMP PUERTO RICO DEC 27-30 1965 ACADEMIC PR N Y PP277-286
1967
BY LASALLE J P
OAR ACCESS NO.....019891-013
DDC NUMBER.....AD668442
INSTR...AF-AFOSR-0693-65
PROJECT/TASK.....9749/01

AFOSR 68-0308
UNIVERSITY OF MINNESOTA
CONTROL OF LINEAR TIME DELAY SYSTEMS WITH ESSENTIALLY
LINEAR COST FUNCTIONALS
DIFFERENTIAL EQUATIONS & DYNAMICAL SYSTEMS PROC INTERN
SYMP PUERTO RICO DEC 27-30 1965 ACADEMIC PRESS N Y
PP103-114 1967
BY CHYUNG O M
LEE E S
OAR ACCESS NO.....018720-004
DDC NUMBER.....AD668256
INSTR...AF-AFOSR-0571-64
PROJECT/TASK.....9749/01

AFOSR 68-0309
WESTERN RESERVE UNIVERSITY
ROLE OF PERIPHERAL RECEPTORS IN THE INCREASED RELEASE OF
VASOPRESSIN IN RESPONSE TO HEMORRHAGE
ENDOCRINOLOGY V81 N5 PP1140-1146 NOV 1967
BY SHARE L
OAR ACCESS NO.....014820-006
DDC NUMBER.....AD668195
INSTR...AF-AFOSR-0692-66
PROJECT/TASK.....9777/01

AFOSR 68-0310
BRANDEIS UNIVERSITY
CHARACTERISTICS OF ALCOHOL VARIATION
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS
V28 N6 PP970-984 1967
BY MASTERS C J
OAR ACCESS NO.....015821-002
DDC NUMBER.....AD668208
INSTR...AF-AFOSR-0738-67
PROJECT/TASK.....9777/01

AFOSR 68-0311
KAROLINSKA INSTITUTET
REUPTAKE AND NET UPTAKE OF NORADRENALINE IN ADRENERGIC
NERVE GRANULES WITH A NOTE ON THE AFFINITY FOR 1-AND
O-ISOMERS
ACTA PHYSIOLOGICA SCANDINAVICA V71 PP151-162 1967
BY VON EULER U S
LISHAJKO F
OAR ACCESS NO.....008725-003
DDC NUMBER.....AD668270
INSTR...AF-AFOSR-0918-67
PROJECT/TASK.....9777/01

AFOSR 68-0312
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXTRINSIC COTTON EFFECTS IN DYE-BOVINE PLASMA ALBUMIN
ADDUCTS
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V68 N5
PP2051-2054 NOV 1967
BY DOUBEN R N
ORKIN S H
OAR ACCESS NO.....023260-001
DDC NUMBER.....AD668271
INSTR...FA4620-67-C-0031
PROJECT/TASK.....9777/01

AFOSR 68-0313
JOHN B PIERCE FOUNDATION OF CONNECTICUT
APPARENT WARRTH AS A FUNCTION OF THERMAL IRRADIATION
PERCEPTION AND PSYCHOPHYSICS V2 N12 PP613-619 1967
BY STEVENS J C
MARKS L E
OAR ACCESS NO.....022110-001
DDC NUMBER.....AD668243
INSTR...FA4620-67-C-0017
PROJECT/TASK.....9777/01

AFOSR 68-0314
UNIVERSITY OF CALIFORNIA
ELECTROENCEPHALOGRAPHIC CORRELATES OF LEARNING IN
SUBCORTICAL AND CORTICAL STRUCTURES
ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY V23
PP308-319 1967
BY BIAZAR Z
ADEY W R
DAR ACCESS NO.....009328-020
DDC NUMBER.....AD668241
INSTR...AF-49/638/01387
PROJECT/TASK.....9777/01

AFOSR 68-0315
UNIVERSITY OF LUND
MONOAMINOIC MECHANISMS IN THE NERVOUS SYSTEM OF
LUMBRICUS TERRESTRIS L /
ZEITSCHRIFT FUR ZELLFORSCHUNG V91 PP311-343 1967
BY NYNHOERG H E
DAR ACCESS NO.....014347-007
DDC NUMBER.....AD668263
INSTR...AF-EDAR -0018-67
PROJECT/TASK.....9777/01

AFOSR 68-0316
TUFTS UNIVERSITY
COMPENSATION FOR AUDITORY RE-ARRANGEMENT FOLLOWING
EXPOSURE TO AUDITORY-TACTILE DISCORDANCE
PERCEPTUAL AND MOTOR SKILLS V25 PP461-466 1967
BY FREEDMAN S J
WILSON L
DAR ACCESS NO.....014320-011
DDC NUMBER.....AD668244
INSTR...AF-49/638/01282
PROJECT/TASK.....9778/01

AFOSR 68-0317
WASHINGTON STATE UNIVERSITY
BULK EFFECTS OF COMBINING CLOSE PUNITIVE AND SUPPORTIVE
STYLES OF SUPERVISION FINAL REPORT JUNE 1968
BY DAY H C
DAR ACCESS NO.....023180-001
DDC NUMBER.....AD668244
INSTR...AF-49/638/01282
PROJECT/TASK.....9779/01

AFOSR 68-0318
UNIVERSITY OF ROCHESTER
POSITRON ANNIHILATION IN METALS FINAL REPORT FEB 1968
BY PARKS R D
DAR ACCESS NO.....016610-005
DDC NUMBER.....AD668153
INSTR...AF-49/638/01210
PROJECT/TASK.....9763/02

AFOSR 68-0319
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXPERIMENTS ON SCATTERING OF MONO-ENERGETIC ANGDON BEAMS
BY HEATED PLATINUM
M E T FLUID DYNAMICS RESEARCH LABORATORY REPORT NO 168-1
BY MURAN J P
DAR ACCESS NO.....009478-004
DDC NUMBER.....AD667915
INSTR...AF-49/638/01801
PROJECT/TASK.....9743/01

AFOSR 68-0320
THE SYSTEMS
STUDY OF PHOTONICS OF ACCELERATED PLASMA FINAL REPORT JAN
1968
BY DAILEY C L
DAR ACCESS NO.....013460-003
DDC NUMBER.....AD667207
INSTR...AF-49/638/01210
PROJECT/TASK.....9754/01

AFOSR 68-0321
TECHNISCHE HOCHSCHULE IN WEIN
ON THE LIFETIME OF VISCOELASTIC STRUCTURES IN A HANCOX
TEMPERATURE FIELD
RECENT PROGRESS IN APPLIED MECHANICS / PP301-307 1967
BY PARKUS H
DAR ACCESS NO.....003561-006
DDC NUMBER.....AD668477
INSTR...AF-01/052/00445
PROJECT/TASK.....9749/01

AFOSR 68-0322
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
PRELIMINARY COMMUNICATION GENERATION OF FLUOROCARBONARHENE
BY THE MERCURIAL ROUTE
JOURNAL ORGANOMETALLIC CHEMISTRY VII PP9-12 1968
BY SEYFERTH D
DARRAGH K V
DAR ACCESS NO.....014231-017
DDC NUMBER.....AD665470
INSTR...AF-49/638/01210
PROJECT/TASK.....9762/02

AFOSR 68-0323
UNIVERSITY OF CALIFORNIA
THE THEORY OF SEQUENTIAL RELATIONS
INFORMATION AND CONTROL V9 N3 OCTOBER 1966
BY GRAY J H
HARRISON M A
DAR ACCESS NO.....019491-002
DDC NUMBER.....AD665460
INSTR...AF-49/638/01210
PROJECT/TASK.....9749/01

AFOSR 68-0324
UNIVERSITY OF WASHINGTON
ON STRENGTH DEPENDENT
J SIAM CONTROL SER A V3 N1 PP147-151 1967
BY GOLDBSTEIN A A
DAR ACCESS NO.....014082-004
DDC NUMBER.....AD668176
INSTR...AF-49/638/01210
PROJECT/TASK.....9749/01

AFOSR 68-0325
UNIVERSITY OF WASHINGTON
APPROXIMATION FROM A CURVE OF FUNCTIONS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V24 N2
PP91-106 1967
BY HOBBS C R
RICE J R
DAR ACCESS NO.....014082-005
DDC NUMBER.....AD668479
INSTR...AF-49/638/01210
PROJECT/TASK.....9749/01

AFOSR 68-0327
PRINCETON UNIVERSITY
A PHOTOMETRIC APPROACH TO THE PARAMETER SENSITIVITY
PROBLEM
PHOC 8TH ANN ALLERTON CONF ON CIRCUIT AND SYS THEORY
CAMPAIGN ILLINOIS 4-6 OCTOBER 1967
BY LIU B
VAN VALKENBURG M E
DAR ACCESS NO.....023740-001
DDC NUMBER.....AD668074
INSTR...AF-49/638/01210
PROJECT/TASK.....9749/01

AFOSR 68-0328
YALE UNIVERSITY
EFFECT OF PRESSURE ON CONDUCTANCE IV IONIC ASSOCIATION AND
WALDEN PRODUCTS IN ETHANOL
JOURNAL PHYSICAL CHEMISTRY V71 N13 PP4489-4494 DEC 1967
BY CUSLER E L
FUOSS R M
DAR ACCESS NO.....013531-002
DDC NUMBER.....AD668074
INSTR...AF-49/638/01210
PROJECT/TASK.....9760/02

AFOSR 68-0329
UNIVERSITY OF CALIFORNIA
CHEMICAL IONIZATION MASS SPECTROMETRY VII REACTIONS OF
BENZENE IONS WITH BENZENE
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N24 PP6035-6038
22 NOV 1967
BY FIELD F H
HAWLEY P
LIDBY W F
DAR ACCESS NO.....012968-010
DDC NUMBER.....AD668040
INSTR...AF-49/638/01210
PROJECT/TASK.....9710/03

AFOSR 68-0330
UNIVERSITY OF CALIFORNIA
SPACE CHEMISTRY
BULLETIN INSTITUTULUI POLITEHNIC DIN IASI V13 PP171-178
1967
BY LIBBY W F
DAR ACCESS NO.....012968-011
DDC NUMBER.....AD668040
INSTR...AF-49/638/01210
PROJECT/TASK.....9710/03

AFOSR 68-0331
YALE UNIVERSITY
EINSTEIN EQUATIONS AND ELECTROMAGNETISM
JOURNAL OF MATHEMATICAL PHYSICS V8 N4 PP820-836 APRIL 1967
BY LANCZOS C
DAR ACCESS NO.....011494-007
DDC NUMBER.....AD665582
INSTR...AF-49/638/01210
PROJECT/TASK.....9749/01

AFOSR 68-0332
INTERNATIONAL BUSINESS MACHINES CORPORATION
QUANTITATIVE DETERMINATION OF EVAPORATED SI FILMS BY
NEUTRON ACTIVATION
JOURNAL OF APPLIED PHYSICS V38 N12 PP4927-4928 NOVEMBER
1967
BY PEART R F
JONA F
WENDT H R
SEIRNARD J A
DAR ACCESS NO.....012968-012
DDC NUMBER.....AD665582
INSTR...AF-49/638/01210
PROJECT/TASK.....9761/02

AFOSR 68-0333
CORNELL UNIVERSITY
METHOD FOR PRODUCTION OF BLAZED OPTICAL DIFFRACTION
GRATINGS FROM SINGLE CRYSTAL MATERIALS
APPLIED PHYSICS LETTERS VII N11 PP335-337 DEC 1967
BY BLAKELY J H
DAR ACCESS NO.....018710-004
DDC NUMBER.....AD665573
INSTR...AF-49/638/01210
PROJECT/TASK.....9761/03

AFOSR 68-0334
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THEORY OF TUNNELING INCLUDING PHOTON-ASSISTED
TUNNELING IN SEMICONDUCTORS IN CROSSED AND PARALLEL
ELECTRIC AND MAGNETIC FIELDS
THE PHYSICAL REVIEW V183 N3 PP733-742 15 NOVEMBER 1967
BY WEILER M H
ZAWADZKI W
LAX B
OAR ACCESS NO.....007912-040
DDC NUMBER.....AD665563
INSTR...AF-68-0334-0047
PROJECT/TASK.....9764/01

AFOSR 68-0335
UNIVERSITY OF BRITISH COLUMBIA
AN EXTENSION OF AIRYS EQUATION
SIAM J APPL MATH V18 N6 PP1400-1412 NOV 67
BY SWANSON C A
HEADLEY V B
OAR ACCESS NO.....008673-004
DDC NUMBER.....AD665519
INSTR...AF-AFOSR-0379-66
PROJECT/TASK.....9746/01

AFOSR 68-0336
UNIVERSITY OF VIRGINIA
PROXIMITY EFFECTS IN EUTECTIC ALLOYS TRANSITION TEMPERATURE
AND SPECIFIC HEAT
PHYSICS LETTERS V28A N7 PP531-532 2 OCT 67
BY YEH H H Y
MECHETTI M
OAR ACCESS NO.....028120-004
DDC NUMBER.....AD665566
INSTR...AF-AFOSR-1138-66
PROJECT/TASK.....9763/02

AFOSR 68-0337
UNIVERSITY OF FLORIDA
ESTIMATION OF LIMITS OF DETECTION FOR THE FLAME EMISSION
GAS CHROMATOGRAPHIC DETECTOR
JOURNAL CHROMATOGRAPHY V31 PP1-8 1967
BY WINEFORDNER J D
OVERFIELD C V
OAR ACCESS NO.....020431-005
DDC NUMBER.....AD665550
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 68-0338
UNIVERSITY OF FLORIDA
A STATISTICAL METHOD FOR EVALUATION OF LIMITING
DETECTABLE SAMPLE CONCENTRATIONS
ANALYTICAL CHEMISTRY V39 N12 PP1455-1497 OCT 1967
BY ST JOHN P A
MC CARTHY B J
WINEFORDNER J D
OAR ACCESS NO.....014920-003
DDC NUMBER.....AD665577
INSTR...AF-AFOSR-0739-65
PROJECT/TASK.....9710/03

AFOSR 68-0339
YALE UNIVERSITY
COMPLETE SOLUTION OF A GENERAL PROBLEM OF THREE RODS
THE ASTRONOMICAL JOURNAL V78 N7 PP876-883 SEPTEMBER 1967
BY SZECHELY V
PETERS C F
OAR ACCESS NO.....011494-002
DDC NUMBER.....AD665581
INSTR...AF-AFOSR-0397-67
PROJECT/TASK.....9749/01

AFOSR 68-0340
UNIVERSITY OF WASHINGTON
SOME LIMITING CASES OF THE RESTRICTED FOUR-ROD PROBLEM
ASTRON J V78 N8 PP959-963 OCT 67
BY MOHN L
REVORKIAN J
OAR ACCESS NO.....021410-002
DDC NUMBER.....AD665579
INSTR...AF-AFOSR-1034-66
PROJECT/TASK.....9749/01

AFOSR 68-0342
GENERAL ELECTRIC CO
CRYSTAL CHEMISTRY OF NEW HIGH-PRESSURE PHASES FINAL REPORT
JAN 1968
BY KASPER J S
OAR ACCESS NO.....019100-001
DDC NUMBER.....AD665576
INSTR...AF-68-0342-01361
PROJECT/TASK.....9710/03

AFOSR 68-0343
UNIVERSITY OF GEORGIA
TRANSITION-METAL COMPLEXES CONTAINING NITROGEN
PHOSPHORUS OR SULFUR
BY KING R B
OAR ACCESS NO.....019062-001
DDC NUMBER.....AD665429
INSTR...AF-AFOSR-1211-67
PROJECT/TASK.....9710/02

AFOSR 68-0344
STANFORD UNIVERSITY
ENERGY LOSS MECHANISMS OF PARTICLES IN SEMICONDUCTORS FINAL
REPORT FEB 1968
BY AITKEN D W
OAR ACCESS NO.....020820-001
DDC NUMBER.....AD665385
INSTR...AF-68-0344-01593
PROJECT/TASK.....3809/00

AFOSR 68-0345
HUGHES RESEARCH LABORATORIES
ACIO-WAVE CHARACTERISTICS OF PHOTOCROMISM
BY MARGENUM J D
OAR ACCESS NO.....014220-006
DDC NUMBER.....AD665426
INSTR...AF-68-0345-01264
PROJECT/TASK.....9782/03

AFOSR 68-0346
CASE WESTERN RESERVE UNIVERSITY
SOME RESULTS IN A THEORY OF PROBLEM SOLVING
SRC 18-4-67-59
BY BANERJI R B
OAR ACCESS NO.....010273-001
DDC NUMBER.....AD665403
INSTR...AF-AFOSR-0156-67
PROJECT/TASK.....9769/08

AFOSR 68-0347
GIANNINI CONTROLS CORPORATION
NATURAL VIBRATIONS OF FINITELY DEFORMABLE STRUCTURES
AIAA JOURNAL V5 N12 PP2448-2453 DEC 1967
BY DOUGLAS W J
OAR ACCESS NO.....017500-003
DDC NUMBER.....AD665426
INSTR...AF-68-0347-01509
PROJECT/TASK.....9782/01

AFOSR 68-0348
AVCO/EVERETT RESEARCH LAB
ON A NEW SOURCE OF HIGHLY STRIPPED HEAVY IONS
RESEARCH REPORT 289 JAN 1968
BY DAUGHERTY J D
GRODZINS L
JAMES G S
LEVY R H
OAR ACCESS NO.....008241-003
DDC NUMBER.....AD665403
INSTR...AF-68-0348-01553
PROJECT/TASK.....9752/01

AFOSR 68-0349
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE FLOW PAST A CIRCULAR CYLINDER WHICH IS STARTED
IMPULSIVELY FROM REST
JOURNAL MATHEMATICS AND PHYSICS V46 N2 PP195-211 JUNE 1967
BY WANG C Y
OAR ACCESS NO.....001394-005
DDC NUMBER.....AD665406
INSTR...AF-AFOSR-0186-65
PROJECT/TASK.....9761/02

AFOSR 68-0350
JOHNS HOPKINS UNIVERSITY
THEORY VS EXPERIMENT FOR FINITE AMPLITUDE STRESS WAVES
RECENT ADVANCES IN ENGINEERING SCIENCE GORDON & BRFACH M V
1967 PP565-592
BY BELL J F
OAR ACCESS NO.....005401-002
DDC NUMBER.....AD665427
INSTR...AF-68-0350-01715
PROJECT/TASK.....9782/01

AFOSR 68-0351
UNIVERSITY OF BRISTOL
SYNTHESIS OF RHODIUM CARBONYL AND IRIIDIUM CARBONYL
CHEMICAL COMMUNICATIONS P968 1967
BY CHASTON S H M
STONE F C A
OAR ACCESS NO.....015380-004
DDC NUMBER.....AD665420
INSTR...AF-61-0352-00847
PROJECT/TASK.....9710/02

AFOSR 68-0352
HEWLETT UNIVERSITY
ON A THEOREM OF MURRAY AND MACKAY
ANAL DA ACAD BRASILEIRA CIENCIAS V39 N1 PP1-6 31 MAR 1967
BY LINDENSTRAUSS J
OAR ACCESS NO.....003043-009
DDC NUMBER.....AD665448
INSTR...AF-EQAR-0018-66
PROJECT/TASK.....9749/02

AFOSR 68-0353
UNIVERSITY OF FLORIDA
SEVERAL HIGH SENSITIVITY RADIO-FREQUENCY DETECTORS FOR
PERMANENT GAS ANALYSIS
JOURNAL OF GAS CHROMATOGRAPHY V6 PP11-17 JAN 1968
BY WILLIAMS H P
WINEFORDNER J D
OAR ACCESS NO.....014920-004
DDC NUMBER.....AD665454
INSTR...AF-AFOSR-0739-65
PROJECT/TASK.....9710/03

AFOSR 68-0354
UNIVERSITY OF FLORIDA
OPTIMIZATION OF THE CRITICAL INSTRUMENTAL PARAMETERS FOR
ACHIEVING MAXIMUM SENSITIVITY AND PRECISION IN
FLAMESPECTROMETRIC METHODS OF ANALYSIS
APPLIED SPECTROSCOPY V21 N6 PP368-374 NOV/DEC 1967
BY PARSONS M L
WINEFORDNER J D
OAR ACCESS NO.....020431-006
DDC NUMBER.....AD665496
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 68-0355
UNIVERSITY OF FLORIDA
ATOMIC FLUORESCENCE PLANE SPECTROMETRY
APPLIED SPECTROSCOPY REVIEWS VI N1 191-27 1967
BY WINEFORDNER J D
HANSFIELD J M JR
DAR ACCESS NO.....020431-007
DDC NUMBER.....AD668609
INSTR...AF-AFDS 1033-67
PROJECT/TASK.....9710/03

AFOSR 68-0356
UNIVERSITY OF FLORIDA
USE OF SIGNAL-TO-NOISE RATIO THEORY TO EVALUATE
PARAMETERS CHARACTERISTIC OF MULTIPLIER PHOTOTUBES
APPLIED SPECTROSCOPY V21 N6 PP421-423 NOV/DEC 1967
BY COTORELLI J J
WINEFORDNER J D
DAR ACCESS NO.....014920-008
DDC NUMBER.....AD668611
INSTR...AF-AFDSH-0739-68
PROJECT/TASK.....9710/03

AFOSR 68-0357
HARVARD UNIVERSITY
THE IDENTIFICATION OF PROSTAGLANDINS E TWO F TWO AND ALPHA
TWO FROM HAMBIT KIDNEY MEDULLA
BIOCHEMICAL JOURNAL V105 PP1281-1286 1967
BY LEE J B
CROWSHAW K
TARNAN B M
ATTREP K A
GOUVGOUTAS J Z
DAR ACCESS NO.....020460-002
DDC NUMBER.....AD661613
INSTR...AF-AFOSR-1059-66
PROJECT/TASK.....9762/01

AFOSR 68-0358
TEXAS A&M UNIVERSITY
POLARIZATION AND ASYMMETRY IN THE REACTION DEUTERON
SCATTERING FROM HELIUM-THREE YIELDING A PROTON PLUS
HELIUM-FOUR
PHYSICS LETTERS V258 N7 PP449-450 OCT 1967
BY DEFACIO B
UMERJEE R K
GANNEL J L
DAR ACCESS NO.....017451-002
DDC NUMBER.....AD665995
INSTR...AF-AFOSR-0918-67
PROJECT/TASK.....9751/02

AFOSR 68-0359
STANFORD RESEARCH INSTITUTE
LIQUID PHASE OXIDATIONS OF CYCLIC ALKENES II
JOURNAL ORGANIC CHEMISTRY V32 PP388C 1967
BY VAN SICKEL D E
MAYO F R
ARLUCK H M
DAR ACCESS NO.....009460-006
DDC NUMBER.....AD665614
INSTR...AF-A9/638/01102
PROJECT/TASK.....9762/01

AFOSR 68-0360
UNIVERSITY OF NEVADA
ABSORPTION SPECTRA OF SQUARE-PLANAR COMPLEXES OF
ETHYLENEDIAMINE WITH NICKEL(II) AND PALLADIUM(II)
INORGANIC CHEMISTRY V6 PP2269 1967
BY MACDONALD D J
DAR ACCESS NO.....020050-002
DDC NUMBER.....AD665612
INSTR...AF-AFOSR-0494-66
PROJECT/TASK.....9710/02

AFOSR 68-0361
NORTHWESTERN UNIVERSITY
BAYESIAN APPROACH TO THE OPTIMIZATION OF ADAPTIVE SYSTEMS
IEEE TRANSACTIONS ON SYSTEMS SCIENCE AND CYBERNETICS VSSC-3
N2 NOV 1967
BY LIN T F
YAU S S
DAR ACCESS NO.....011791-015
DDC NUMBER.....AD665622
INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9749/01

AFOSR 68-0362
UNIVERSITY OF MICHIGAN
SUBJECTIVE PROBABILITIES INFERRED FROM ESTIMATES AND HETS
JOURNAL OF EXPERIMENTAL PSYCHOLOGY V75 N3 PP354-359 1967
BY BEACH L H
PHILLIPS L D
DAR ACCESS NO.....022070-004
DDC NUMBER.....AD665623
INSTR...AF-A9/638/01731
PROJECT/TASK.....9778/01

AFOSR 68-0363
UNIVERSITY OF SOUTHERN CALIFORNIA
TWO-POINT BOUNDARY VALUE PROBLEMS OF LINEAR HAMILTONIAN
SYSTEMS
SIAM J APPL MATH V15 N6 PP1385-1399 NOV 1967
BY RUCY R S
DAR ACCESS NO.....021751-002
DDC NUMBER.....AD665617
INSTR...AF-AFOSR-1244-67
PROJECT/TASK.....9744/01

AFOSR 68-0364
PURDUE UNIVERSITY
HIGH-STABILITY PHOTOMETER UTILIZING OPTICAL REFRACTION
ANALYTICAL CHEMISTRY V39 N8 PP901-907 JULY 1967
BY PARQUE H L
RODRIGUEZ P A
DAR ACCESS NO.....022400-001
DDC NUMBER.....AD665651
INSTR...AF-AFDSH-1212-67
PROJECT/TASK.....9710/03

AFOSR 68-0365
INSTITUTE FOR FORMAL STUDIES
TRANSFORMATION GRAMMARS 6641M
BY WILKS Y
DAR ACCESS NO.....025430-001
DDC NUMBER.....AD661604
INSTR...F44620-67-C-0046
PROJECT/TASK.....9749/05

AFOSR 68-0366
PURDUE UNIVERSITY
KINETICS OF OSMIUM-CATALYZED REACTION BETWEEN CLEMATIN/
AND ARSENIC(III) IN SULFURIC ACID MEDIUM
ANALYTICAL CHEMISTRY V39 N8 PP800-804 MAY 1967
BY HABIC P L
PARQUE H L
WORTHINGTON J B
DAR ACCESS NO.....022870-001
DDC NUMBER.....AD665651
INSTR...AF-AFDSH-1212-67
PROJECT/TASK.....9710/01

AFOSR 68-0367
UNIVERSITY OF CHICAGO
ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IONIC LI
ACCEPTOR SOLUTES
JOURNAL PHYSICAL CHEMISTRY V71 N13 PP400-404 DEC 1967
BY BEANCROFT D J
NACHTRIEB N M
DAR ACCESS NO.....000321-005
DDC NUMBER.....AD665651
INSTR...AF-A9 126-6678-66
PROJECT/TASK.....9710/01

AFOSR 68-0368
COLUMBIA UNIVERSITY
SEMICLASSICAL THEORY OF THE EFFECTS OF INTERNAL FIELDS IN
THE LINEWIDTHS IN ELECTRON SPIN RESONANCE SPECTRA
JOURNAL CHEMICAL PHYSICS V41 N11 PP2673-2678 DEC 1964
BY FREED J M
FRAENKEL G K
DAR ACCESS NO.....013001-001
DDC NUMBER.....AD665656
INSTR...AF-AFOSR-0245-61
PROJECT/TASK.....9710/01

AFOSR 68-0369
ASSOC POUR L ETUDE ET
ON PRODUCTS OF FINITE DIMENSIONAL STOCHASTIC MATRICES
PACM AM MATH SEC V18 N5 PP850-853 OCT 1967
BY SCHUTZENBERGEN M P
DAR ACCESS NO.....021750-008
DDC NUMBER.....AD665611
INSTR...AF-61/057/00945
PROJECT/TASK.....9749/01

AFOSR 68-0370
UNIVERSITY OF SOUTHERN CALIFORNIA
HAZARDS IN COMBINATIONAL AND SEQUENTIAL SWITCHING
CIRCUITS A SURVEY
USCFC REPORT 174 MAY 1966
BY WEISEL M S
DAR ACCESS NO.....021210-004
DDC NUMBER.....AD665604
INSTR...AF-AFOSR-1018-66
PROJECT/TASK.....9749/01

AFOSR 68-0371
MARTIN C O
EFFECT OF VACUUM ENVIRONMENT ON THE BEHAVIOR OF MATERIALS
MCR-67-423 DEC 1967
BY SHEN M K
KRAMER I H
DAR ACCESS NO.....007401-009
DDC NUMBER.....AD665604
INSTR...AF-A9/638/01405
PROJECT/TASK.....9712/06

AFOSR 68-0372
RENSSELAER POLYTECHNIC INSTITUTE
HIERARCHY METHODS FOR RANDOM VIBRATIONS OF PLASTIC
STRINGS AND BEAMS
THE JOURNAL OF ENGINEERING MATHEMATICS V1 N4 PP239-305 1967
BY HAINES C W
DAR ACCESS NO.....001743-003
DDC NUMBER.....AD665657
INSTR...AF-AFOSR-0187-68
PROJECT/TASK.....9749/01

AFOSR 68-0373
UNIVERSITY OF MARYLAND
ON THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS
SIAM J NUMER ANAL V4 N2 PP211-221 1967
BY WALSH J L
DAR ACCESS NO.....021710-001
DDC NUMBER.....AD665657
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-0374
UNIVERSITY OF MARYLAND
MEAN APPROXIMATION ON AN INTERVAL FOR AN EXPONENTIAL LESS THAN
ONE
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V122
PP443-460 1966
BY NUTKIN T S
WALSH J L
DAR ACCESS NO.....021730-007
DDC NUMBER.....AD665656
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-0375
UNIVERSITY OF MARYLAND
BEST APPROXIMATION BY RATIONAL FUNCTIONS AND BY HERMITE POLYNOMIALS
FUNCTIONS WITH SOME FREE POLES
JOURNAL OF ANALYTICAL MATHEMATICS V18 PP359-375 1967
BY WALSH J L
OAR ACCESS NO.....021730-003
DDC NUMBER.....AD665640
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-0376
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ON THE STEADY MOTIONS PRODUCED BY A STABLE STRATIFICATION
IN A RAPIDLY ROTATING FLUID
JOURNAL OF FLUID MECHANICS V29 N4 PP673-690 1967
BY BANCILON V
PEDLOSKY J
OAR ACCESS NO.....003702-006
DDC NUMBER.....AD665997
INSTR...AF-AFOSR-0497-66
PROJECT/TASK.....9749/01

AFOSR 68-0377
UNIVERSITY OF MARYLAND
APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS
IMPLIED BY MEAN CONVERGENCE II
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES U S A V55
N6 PP1405-1407 JUNE 1966
BY WALSH J L
OAR ACCESS NO.....021730-004
DDC NUMBER.....AD665637
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-0378
UNIVERSITY OF MARYLAND
APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS
IMPLIED BY MEAN CONVERGENCE III
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES U S A V56
N5 PP1406-1408 NOVEMBER 1966
BY WALSH J L
OAR ACCESS NO.....021730-005
DDC NUMBER.....AD665638
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-0379
UNIVERSITY OF MARYLAND
HYPERBOLIC CAPACITY AND INTERPOLATING RATIONAL FUNCTIONS II
DUKE MATHEMATICAL JOURNAL V35 N2 PP275-280 JUNE 1966
BY WALSH J L
RUSSELL H G
OAR ACCESS NO.....021730-006
DDC NUMBER.....AD665633
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-0381
UNIVERSITY OF TEXAS AT AUSTIN
ASYMPTOTICALLY OPTIMAL DISCRIMINANT FUNCTIONS FOR
PATTERN RECOGNITION
JSEP TECHNICAL REPORT NO 45 FEB 1968
BY HOLVERFON C T
WAGNER T J
OAR ACCESS NO.....019242-046
DDC NUMBER.....AD666900
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-0382
UNIVERSITY OF TEXAS AT AUSTIN
AEROLASTIC STABILITY CHARACTERISTICS OF CYLINDRICAL SHELLS
CONSIDERING IMPERFECTIONS AND EDGE CONSTRAINT
BY STEARMAN R O
BARR C W
OAR ACCESS NO.....021141-001
DDC NUMBER.....AD668074
INSTR...AF-AFOSR-1236-67
PROJECT/TASK.....9782/01

AFOSR 68-0383
STANFORD UNIVERSITY
AN EXPERIMENTAL STUDY OF TURBULENCE PRODUCTION NEAR A
SMOOTH WALL IN A TURBULENT BOUNDARY LAYER WITH ZERO
PRESSURE-GRADIENT
BY KIM H T
KLINE S J
REYNOLDS W C
OAR ACCESS NO.....001462-013
DDC NUMBER.....AD669823
INSTR...AF-AFOSR-01278-66
PROJECT/TASK.....9781/02

AFOSR 68-0384
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A VARIATIONAL PRINCIPLE AND THE CONVERGENCE OF A FINITE-
ELEMENT METHOD BASED ON ASSUMED STRESS DISTRIBUTION
ASRL TR 144-1
BY TONG P
PIAN T H H
OAR ACCESS NO.....008085-001
DDC NUMBER.....AD667813
INSTR...AF-AFOSR-07-C-0019
PROJECT/TASK.....9782/01

AFOSR 68-0385
COLUMBIA UNIVERSITY
MEASUREMENT OF G VALUES IN THE ELECTRON SPIN RESONANCE
SPECTRA OF FREE RADICALS
JOURNAL OF CHEMICAL PHYSICS V43 N12 PP1901-1909 15 DEC 1965
BY SEGAL B G
KAPLAN R
FRAENKEL G K
OAR ACCESS NO.....003881-005
DDC NUMBER.....AD666002
INSTR...AF-AFOSR-0285-63
PROJECT/TASK.....9710/03

AFOSR 68-0386
COLUMBIA UNIVERSITY
TEMPERATURE DEPENDENCE OF THE HYPERFINE SPLITTING OF THE
METHYL RADICAL
JOURNAL OF CHEMICAL PHYSICS V42 N9 PP3339-3340 1 MAY 1965
BY ZLOCHOWER I A
MILLER W R JR
FRAENKEL G K
OAR ACCESS NO.....003881-006
DDC NUMBER.....AD665990
INSTR...AF-AFOSR-0285-63
PROJECT/TASK.....9710/03

AFOSR 68-0387
COLUMBIA UNIVERSITY
LINE SHAPES IN ELECTRON SPIN RESONANCE SPECTRA
JOURNAL OF CHEMICAL PHYSICS V41 N4 PP949-950 15 MAR 1964
BY GENOELL J
FREED J M
FRAENKEL G K
OAR ACCESS NO.....003881-007
DDC NUMBER.....AD665988
INSTR...AF-AFOSR-0285-63
PROJECT/TASK.....9710/03

AFOSR 68-0388
COLUMBIA UNIVERSITY
ELECTRON SPIN RESONANCE OF BENZOPHENONE SPIN-DENSITY
DISTRIBUTION AND CARBONYL SIGMA-PI PARAMETERS
JOURNAL OF CHEMICAL PHYSICS V42 N4 PP1350-1360 15 FEB 1965
BY OAS H R
FRAENKEL G K
OAR ACCESS NO.....003881-008
DDC NUMBER.....AD665992
INSTR...AF-AFOSR-0285-63
PROJECT/TASK.....9710/03

AFOSR 68-0389
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A UNIFIED LINEAR THEORY OF HOMOGENEOUS AND STRATIFIED
ROTATING FLUIDS
JOURNAL OF FLUID MECHANICS V29 N3 PP609-621 1967
BY BANCILON V
PEDLOSKY J
OAR ACCESS NO.....003702-005
DDC NUMBER.....AD665993
INSTR...AF-AFOSR-0492-66
PROJECT/TASK.....9749/01

AFOSR 68-0390
BUNKER-RAND CORP
THE GEOMETRIC-ISM EXPERIMENT OF 1984: AN EVALUATION IN
RETROSPECT
IN PAPERS IN LINGUISTICS IN HONOR OF LEON DOSTERT MOUTON
AND CD PARIS FRANCE PP46-56 1968
BY GARVIN P L
OAR ACCESS NO.....010790-008
DDC NUMBER.....AD665998
INSTR...AF-AFOSR-01126-66
PROJECT/TASK.....9769/05

AFOSR 68-0391
UNIVERSITY OF CALIFORNIA
HEAT CAPACITY IN THE CRITICAL REGION OF XENON
PHYSICAL REVIEW LETTERS V19 N16 PP887-890 16 OCT 1967
BY SCHMIDT H M
OPDYCKE J
GAY C F
OAR ACCESS NO.....002450-004
DDC NUMBER.....AD665999
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9760/03

AFOSR 68-0392
TEXAS TECHNOLOGICAL COLLEGE
ION RADICALS FROM ORGANIC SULFUR SELENIUM TELLURIUM AND
PHOSPHORUS COMPOUNDS FINAL REPORT FEB 1968
BY SHINE H J
OAR ACCESS NO.....019930-004
DDC NUMBER.....AD666042
INSTR...AF-AFOSR-0975-66
PROJECT/TASK.....9762/03

AFOSR 68-0393
PURDUE UNIVERSITY
STUDY OF NUCLEAR STRUCTURE AND INTERACTIONS FINAL REPORT
FEB 1968
BY GARTENHAUS S
ROSEN S P
OAR ACCESS NO.....001818-010
DDC NUMBER.....AD666048
INSTR...AF-AFOSR-0274-66
PROJECT/TASK.....9751/01

AFOSR 68-0394
UNIVERSIDADE DE SAO PAULO
ROLE OF VARIOUS BRAIN STRUCTURES ON PHYSIOLOGICAL FUNCTIONS
FINAL REPORT DEC 1967
BY COVIAN H R
OAR ACCESS NO.....007084-002
DDC NUMBER.....AD666048
INSTR...AF-AFOSR-0311-64
PROJECT/TASK.....9777/01

AFOSR 68-0395
CAMBRIDGE UNIVERSITY
PROPERTIES OF RESILIN AND ELASTOMERS IN INSECTS FINAL
REPORT JAN 1968
BY ...IS-POGN T
OAR ACCESS NO.....018051-001
DDC NUMBER.....AD666088
INSTR...AF-AFOSR-07-C-0012
PROJECT/TASK.....9777/01

AFOSR 68-0396
COLUMBIA UNIVERSITY
A NEW METHOD FOR THE SYNTHESIS OF RADICAL CATIONS OF
AROMATIC HYDROCARBONS
JOURNAL PHYSICAL CHEMISTRY V71 N13 PP4670-4672 DEC 1967
BY REYMOND A
FRAENKEL G K
OAR ACCESS NO.....003882-002
DOC NUMBER.....AD665937
INSTR...AF-AFOSR-0285-65
PROJECT/TASK.....9710/03

AFOSR 68-0397
COLUMBIA UNIVERSITY
DEUTERIUM ISOTOPE EFFECTS IN THE ELECTRON SPIN RESONANCE
SPECTRA OF NAPHTHALENE NEGATIVE IONS
JOURNAL CHEMICAL PHYSICS V67 NO PP2149-2165 15 SEPT 1967
BY LAWLER R G
BOLTON J R
KARPLUS M
FRAENKEL G K
OAR ACCESS NO.....003882-003
DOC NUMBER.....AD665938
INSTR...AF-AFOSR-0285-65
PROJECT/TASK.....9710/03

AFOSR 68-0398
COLUMBIA UNIVERSITY
ELECTRON SPIN RESONANCE STUDIES OF DEUTERIUM ISOTOPE
EFFECTS A NOVEL RESONANCE-INTEGRAL PERTURBATION
JOURNAL AMERICAN CHEMICAL SOCIETY V87 PP5260-5261 1965
BY KARPLUS M
LAWLER R G
FRAENKEL G K
OAR ACCESS NO.....003882-004
DOC NUMBER.....AD665939
INSTR...AF-AFOSR-0285-65
PROJECT/TASK.....9710/03

AFOSR 68-0399
COLUMBIA UNIVERSITY
ELECTRON SPIN RESONANCE STUDY OF MONO- AND DIMERIC
CATIONS OF AROMATIC HYDROCARBONS
JOURNAL AMERICAN CHEMICAL SOCIETY V88 N19 PP4514-4515 5 OCT
1966
BY HOWARTH O W
FRAENKEL G K
OAR ACCESS NO.....003882-005
DOC NUMBER.....AD665940
INSTR...AF-AFOSR-0285-65
PROJECT/TASK.....9710/03

AFOSR 68-0401
UNIVERSITY OF SOUTHERN CALIFORNIA
CHARGE DENSITY OF DIAMOND
PHYS REV V164 N3 PP1100-1105 15 DEC 1967
BY KLEINMAN L
GOROFF I
OAR ACCESS NO.....021270-005
DOC NUMBER.....AD665946
INSTR...AF-AFOSR-1115-66
PROJECT/TASK.....9763/02

AFOSR 68-0402
PENNSYLVANIA STATE UNIVERSITY
THE EFFECT OF DIFFERENT SURFACE HARRIEN MODELS ON THE
NOTTINGHAM ENERGY EXCHANGE PROCESS
SURFACE SCIENCE V8 N3 PP288-306 SEPTEMBER/OCTOBER 1967
BY ENGLE I
CUTLER P H
OAR ACCESS NO.....009252-002
DOC NUMBER.....AD665944
INSTR...AF-AFOSR-0213-66
PROJECT/TASK.....9761/01

AFOSR 68-0403
PENNSYLVANIA STATE UNIVERSITY
SLOW ELECTRON SCATTERING FROM ONE-DIMENSIONAL CRYSTAL
MODELS
SURFACE SCIENCE V9 N2 PP198-216 FEBRUARY 1968
BY GERSTEN J
CUTLER P H
OAR ACCESS NO.....009252-003
DOC NUMBER.....AD665943
INSTR...AF-AFOSR-0213-66
PROJECT/TASK.....9761/01

AFOSR 68-0404
OHIO UNIVERSITY
CORRECTION TO THE KUBO FORMULA
PHYSICA V35 PP193-210 1967
BY MAGAN J H
OAR ACCESS NO.....016850-009
DOC NUMBER.....AD665936
INSTR...AF-AFOSR-0854-65
PROJECT/TASK.....9761/01

AFOSR 68-0405
UNIVERSITY OF FLORIDA
MEASUREMENT OF FLOW RATE AND PRESSURE OF CASES IN FLAME
SPECTROMETRY
ANALYTICAL CHIMICA ACTA V40 PP357-359 1968
BY MANSFIELD J H
WINEFORDNER J D
OAR ACCESS NO.....020431-009
DOC NUMBER.....AD665931
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 68-0407
UNIVERSITY OF MIAMI
NONPLANAR CYCLOBUTANE TEMPERATURE DEPENDENCE OF INFRARED
SPECTRA OF CIS AND TRANS-METHYL
3-ISOPROPYLCYCLOBUTANECARBOXYLATE
JOURNAL ORGANIC CHEMISTRY V32 PP4152-4155 DEC 1967
BY LILLIEN I
OAR ACCESS NO.....012871-008
DOC NUMBER.....AD665947
INSTR...AF-AFOSR-0123-63
PROJECT/TASK.....9762/02

AFOSR 68-0409
UNIVERSITY OF GEORGIA
ELECTRON SPIN RESONANCE OF HEXAFLUOROACETONE KETYL
JOURNAL PHYSICAL CHEMISTRY V71 N13 PP4677 DEC 1967
BY JANICH E G
GERLOCK J L
OAR ACCESS NO.....021090-002
DOC NUMBER.....AD665950
INSTR...AF-AFOSR-1269-66
PROJECT/TASK.....9762/03

AFOSR 68-0410
UNIVERSITY OF MARYLAND
AN EXTENSION OF THE GENERALIZED BERNSTEIN LEMMA
COLLOQUIUM MATHEMATICUM V16 PP91-92 1967
BY WALSH J L
OAR ACCESS NO.....021730-007
DOC NUMBER.....AD665933
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-0411
UNIVERSITY OF CALIFORNIA
SOME REMARKS ON CONTINUOUS ADDITIVE FUNCTIONALS
ANNALS OF MATHEMATICAL STATISTICS V38 N6 PP1655-1660 1967
BY GEORGE R K
OAR ACCESS NO.....027420-001
DOC NUMBER.....AD665954
INSTR...AF-AFOSR-1261-67
PROJECT/TASK.....9749/02

AFOSR 68-0413
BATTILLE MEMORIAL INSTITUTE
PETERLS BARRIER CALCULATION
JOURNAL OF APPLIED PHYSICS V38 N13 PP5423-5424
DECEMBER 1967
BY HOBART H H
OAR ACCESS NO.....016300-002
DOC NUMBER.....AD665918
INSTR...AF-AFOSR-0831-65
PROJECT/TASK.....9761/01

AFOSR 68-0414
BATTILLE MEMORIAL INSTITUTE
KINEMATIC EFFECTS IN SPIN-1/2 ANTIFERROMAGNETISM
THE PHYSICAL REVIEW V159 N2 PP430-438 JULY 1967
BY KENAN R P
OAR ACCESS NO.....016000-003
DOC NUMBER.....AD665949
INSTR...AF-AFOSR-0818-65
PROJECT/TASK.....9761/01

AFOSR 68-0415
UNIVERSIDADE DE SAO PAULO
STUDIES ON THE NEUROVEGETATIVE AND BEHAVIORAL FUNCTIONS
OF THE BRAIN SEPTAL AREA
PROGRESS IN BRAIN RESEARCH ELSEVIER PUBLISHING COMPANY
AMSTERDAM NETHERLANDS V27 PP189-217 1967
BY COVIAN M R
OAR ACCESS NO.....007054-003
DOC NUMBER.....AD665929
INSTR...AF-AFOSR-0311-64
PROJECT/TASK.....9777/01

AFOSR 68-0416
UNIVERSIDADE DE SAO PAULO
ALTERATIONS IN SODIUM CHLORIDE AND WATER INTAKE AFTER
SEPTAL LESIONS IN THE RAT
PHYSIOLOGY AND BEHAVIOR V2 PP167-170 1967
BY VILAN A N
GENTIL C G
COVIAN M R
OAR ACCESS NO.....007054-004
DOC NUMBER.....AD665945
INSTR...AF-AFOSR-0311-64
PROJECT/TASK.....9777/01

AFOSR 68-0419
STANFORD UNIVERSITY
SUBSONIC OSCILLATORY OR STEADY AIRLOADS ON WINGS WITH
CONTROL SURFACES AND OTHER DISCONTINUITIES
SUDAAN NC 336
BY ASHLEY H
OAR ACCESS NO.....023200-001
DOC NUMBER.....AD665937
INSTR...AF-AFOSR-07-C-0044
PROJECT/TASK.....9761/02

AFOSR 68-0420
TEXAS TECHNOLOGICAL COLLEGE
ION RADICALS KILL SPECTROSCOPIC AND CRYOSCOPIC
CHARACTERIZATION OF IONS AND ION RADICALS FROM
PHENOTHIAZINE AND N-METHYLPHENOTHIAZINE IN
JOURNAL HETEROCYCLIC CHEMISTRY V8 PP517-522 1967
BY SHINE H J
THOMPSON D R
VENIZIANI C
OAR ACCESS NO.....014930-005
DOC NUMBER.....AD665952
INSTR...AF-AFOSR-0975-66
PROJECT/TASK.....9762/03

AFOSR 68-0421
UNIVERSITY OF CHICAGO
COMMENTS ON THE EQUATION OF STATE OF THE SQUARE-CELL FLUID
THE JOURNAL OF CHEMICAL PHYSICS V67 N10 PP4228-4235
15 NOV 1967
BY YOUNG D A
RICE S A
OAR ACCESS NO.....015061-017
DOC NUMBER.....AD666175
INSTR...AF-AFOSR-0761-67
PROJECT/TASK.....9760/01

AFOSR 68-0422
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND
UP TO 150 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC
COMPOUND FERROMAGNETIC
PHYSICAL REVIEW LETTERS V19 N21 20 NOVEMBER 1967
BY FONER S
MCNIFF E J JR
SADAGOPAN V
OAR ACCESS NO.....007912-041
DOC NUMBER.....AD666262
INSTR...F66620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-0423
UNIVERSITY OF CALIFORNIA
ULTRASONIC ATTENUATION IN A PURE TYPE II SUPERCONDUCTOR
NEAR THE UPPER CRITICAL FIELD
PHYSICAL REVIEW LETTERS V18 N3 PP74-76 16 JANUARY 1967
BY KAGIWADA R
LEVY M
RUDNICK I
KAGIWADA H
NAKAI K
OAR ACCESS NO.....022140-001
DOC NUMBER.....AD666253
INSTR...AF-AFOSR-1184-66
PROJECT/TASK.....9763/03

AFOSR 68-0424
UNIVERSITY OF VIRGINIA
EFFECT OF RESONANCE SCATTERING AND IMPURITY CORRELATIONS
ON THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF SUPER-
CONDUCTING ALLOYS
THE PHYSICAL REVIEW V164 N2 PP548-557 10 DECEMBER 1967
BY KIWI M
MARTIN J
ZUCKERMANH
OAR ACCESS NO.....022120-005
DOC NUMBER.....AD666263
INSTR...AF-AFOSR-1136-66
PROJECT/TASK.....9763/02

AFOSR 68-0425
UNIVERSITY OF CALIFORNIA
FORMATION OF LOCAL MAGNETIC MOMENTS IN METALS
PHYSICAL REVIEW LETTERS V19 N8 PP442-446 21 AUGUST 1967
BY SUMI M
OAR ACCESS NO.....008461-043
DOC NUMBER.....AD666246
INSTR...AF-AFOSR-0610-64
PROJECT/TASK.....9761/01

AFOSR 68-0426
UNIVERSITY OF MARYLAND
GRAVITATIONAL RADIATION
PHYSICAL REVIEW LETTERS V18 N13 PP498-501 27 MAR 67
BY WEBER J
OAR ACCESS NO.....007183-004
DOC NUMBER.....AD666250
INSTR...AF-AFOSR-0409-65
PROJECT/TASK.....9767/14

AFOSR 68-0427
SYRACUSE UNIVERSITY
ON THE RELATION BETWEEN HAUSDORFF DIMENSION AND METRIC
DIMENSION
PACIFIC JOURNAL OF MATHEMATICS V23 N1 PP183-187 1967
BY VOSBURG A C
OAR ACCESS NO.....003503-008
DOC NUMBER.....AD666256
INSTR...AF-49/638/01401
PROJECT/TASK.....9769/01

AFOSR 68-0428
HARVARD UNIVERSITY
SUM RULES KRAMERS-KRONIG RELATIONS AND TRANSPORT
COEFFICIENTS IN CHARGED SYSTEMS
PHYSICAL REVIEW V161 N1 PP143-155 5 SEP 67
BY MARTIN P C
OAR ACCESS NO.....004861-052
DOC NUMBER.....AD666259
INSTR...AF-49/638/01380
PROJECT/TASK.....9751/01

AFOSR 68-0429
UNIVERSITY OF CALIFORNIA
GAUGE-FIELD ALGEBRA SOFT-MESON METHODS AND DIVERGENCES
PHYS REVIEW LETTERS V19 N10 PP611-614 4 SEP 1967
BY HALPERN M B
SEGNE G
OAR ACCESS NO.....005134-023
DOC NUMBER.....AD666244
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9767/04

AFOSR 68-0430
UNIVERSITY OF CHICAGO
SOME COMMENTS ON THE PROPERTIES OF TRIPLET EXCITONS IN
MOLECULAR CRYSTALS
THE TRIPLET STATE CAMBRIDGE U PRESS ENG AND PP265-309 1967
BY RICE S A
OAR ACCESS NO.....015061-018
DOC NUMBER.....AD666174
INSTR...AF-AFOSR-0761-67
PROJECT/TASK.....9760/01

AFOSR 68-0431
AMERICAN SCIENCE AND ENGINEERING INC
X-RAY EMISSION FROM CEN XR-2
PHYS REV LETTERS V19 N19 PP1144-1145 6 NOVEMBER 1967
BY MANLEY O P
OAR ACCESS NO.....027430-001
DOC NUMBER.....AD666343
INSTR...F66620-67-C-0065
PROJECT/TASK.....9761/04

AFOSR 68-0432
UNIVERSITY OF CALIFORNIA
CARBON-METAL HYPERCONJUGATION IN METALLOCENES HYDROGEN
EXCHANGE IN PHENYLFERROCENE
TETRAHEDRON LETTERS N45 PP4857-4860 1967
BY MANGRAVITE J A
TRAYLOR T G
OAR ACCESS NO.....014381-003
DOC NUMBER.....AD666170
INSTR...AF-AFOSR-0514-66
PROJECT/TASK.....9762/02

AFOSR 68-0433
UNIVERSITY OF CALIFORNIA
MECHANISMS OF ELECTROPHILIC SUBSTITUTION IN METALLOCENES
THE INSIDE-OUTSIDE RELATIONSHIP
TETRAHEDRON LETTERS N45 PP4861-4866 1967
BY MANGRAVITE J
TRAYLOR T G
OAR ACCESS NO.....014381-004
DOC NUMBER.....AD666170
INSTR...AF-AFOSR-0514-66
PROJECT/TASK.....9762/02

AFOSR 68-0434
UNIVERSITY OF CALIFORNIA
FACTORS THAT CONTROL 1,3-ASYMMETRIC INDUCTION AND
INTRAMOLECULARITY IN BASE-CATALYZED 1,3-PROTON TRANSFER
IN AN INDENE SYSTEM
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N25 PP6768-6770
6 DEC 1967
BY ALMY J
UYEDA R T
CHAM D J
OAR ACCESS NO.....011701-006
DOC NUMBER.....AD666092
INSTR...AF-AFOSR-0124-65
PROJECT/TASK.....9762/02

AFOSR 68-0435
UNIVERSITY OF IDAHO
THE REACTIONS OF EXO-AND ENDO-5-NORLOROMETHYLNORBORNENE
WITH SCOTIUM
JOURNAL ORGANIC CHEMISTRY V32 PP3958-3963 DEC 1967
BY FREEMAN P K
HAO V A
GEORGE D E
FENWICK G L
OAR ACCESS NO.....012091-003
DOC NUMBER.....AD666240
INSTR...AF-AFOSR-0034-65
PROJECT/TASK.....9762/02

AFOSR 68-0436
UNIVERSITY OF CALIFORNIA
CAGE REACTIONS OF T-BUTOXY RADICALS EFFECTS OF VISCOSITY
AND OF INTERVENING MOLECULES
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N25
PP6667-6671 6 DEC 1967
BY KIEFER M
TRAYLOR T G
OAR ACCESS NO.....014381-005
DOC NUMBER.....AD666249
INSTR...AF-AFOSR-0514-66
PROJECT/TASK.....9762/02

AFOSR 68-0437
COLUMBIA UNIVERSITY
DIFFUSION OF ABSTRACTING AND INDEXING SERVICES FOR
GOVERNMENT-SPONSORED RESEARCH SCACHELOW PRESS INC METUCHEN
N J 1968 FINAL REPORT MAR 1968
BY KLEMPNER I M
OAR ACCESS NO.....021820-001
DOC NUMBER.....AD666091
INSTR...AF-49/638/01741
PROJECT/TASK.....9769/01

AFOSR 68-0438
STANFORD UNIVERSITY
UNITARITY AND THE MANDELSTAM REPRESENTATION I MOMENT
CONDITIONS FOR THE DOUBLE SPECTRAL FUNCTIONS
PHYSICAL REVIEW V162 N5 PP1534-1542 25 OCT 1967
BY MARTIN A W
OAR ACCESS NO.....001793-109
DOC NUMBER.....AD666159
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 68-0439
STANFORD UNIVERSITY
LOW-ENERGY THEOREM FOR PION PHOTOPRODUCTION FROM THE
HYPOTHESIS OF PARTIALLY CONSERVED AXIAL-VECTOR CURRENT
PHYSICAL REVIEW V161 N5 PP1592-1601 25 SEP 1967
BY GAFFNEY G W
OAR ACCESS NO.....001793-110
DDC NUMBER.....AD666160
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 68-0440
STANFORD UNIVERSITY
QUANTUM THEORY OF SUPERFLUID VORTICES II TYPE-II
SUPERCONDUCTORS
PHYSICAL REVIEW V162 N2 PP390-400 10 NOV 1967
BY FETTER A L
OAR ACCESS NO.....001793-111
DDC NUMBER.....AD666162
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 68-0441
STANFORD UNIVERSITY
MODEL FOR ELECTRON EXCITATION OF THE NUCLEON
PHYSICAL REVIEW V162 N5 PP1462-1478 25 OCT 1967
BY WALYCKA J D
OAR ACCESS NO.....001793-112
DDC NUMBER.....AD666164
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 68-0442
STANFORD UNIVERSITY
N/O SOLUTION OF THE N-POLE PROBLEM
PHYSICAL REVIEW V162 N5 PP1529-1534 25 OCT 1967
BY MARTIN A W
OAR ACCESS NO.....001793-113
DDC NUMBER.....AD666165
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 68-0443
JOHNS HOPKINS UNIVERSITY
DISCONJUGATE N-TH ORDER DIFFERENTIAL EQUATIONS AND
PRINCIPAL SOLUTIONS
BULL AM MATH SOC V74 N1 PP125-129 JAN 1968
BY MARTIN P
OAR ACCESS NO.....002403-010
DDC NUMBER.....AD666261
INSTR...AF-49/638/01382
PROJECT/TASK.....9749/02

AFOSR 68-0446
STANFORD UNIVERSITY
THE LOCAL MAXIMUM THEOREM FOR THE COEFFICIENTS OF
UNI-VALENT FUNCTIONS
ARCHIVE FOR RATIONAL MECHANICS ANALYSIS V26 N1 PP1-32 1967
BY SCHIFFER M
GARABEDIAN P R
OAR ACCESS NO.....019230-007
DDC NUMBER.....AD666089
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-0447
YESHIVA UNIVERSITY
GRAVITATIONAL SUPERENERGY AS A GENERATOR OF CANONICAL
TRANSFORMATION
PHYSICAL REVIEW V164 N5 PP1595-1599 25 DEC 1967
BY KONAR A
OAR ACCESS NO.....017091-001
DDC NUMBER.....AD666255
INSTR...AF-AFOSR-0816-67
PROJECT/TASK.....9767/04

AFOSR 68-0448
SYSTEM RESEARCH LTD
THE ADAPTIVELY CONTROLLED INSTRUCTION OF A
TRANSFORMATION SKILL
PROGRAMMED LEARNING PP74-85 APR 67
BY PASK G
LEWIS B
OAR ACCESS NO.....012690-012
DDC NUMBER.....AD666344
INSTR...AF-61/052/00640
PROJECT/TASK.....9769/04

AFOSR 68-0449
CARNEGIE INSTITUTE OF TECHNOLOGY
COMPUTER SCIENCE RESEARCH REVIEW
DECEMBER 1967
BY NEWELL A
STANDISH T
FLOYD R
WATT V C
PERLIS A
OAR ACCESS NO.....022900-117
DDC NUMBER.....AD666074
INSTR...SO -146
PROJECT/TASK.....9718/00

AFOSR 68-0450
HARVARD UNIVERSITY
MULTIPLE DIFFRACTION THEORY OF HIGH-ENERGY COLLISIONS
HIGH ENERGY PHYSICS AND NUCLEAR STRUCTURE NORTH HOLLAND
PP311-338 1967
BY GLAUBER R J
OAR ACCESS NO.....004861-053
DDC NUMBER.....AD666258
INSTR...AF-49/638/01380
PROJECT/TASK.....9751/01

AFOSR 68-0451
UNIVERSITY OF OREGON
MAGNETO-OPTICAL AND RELATED STUDIES IN SIMPLE OXIDE
CRYSTALS FINAL REPORT MARCH 1968
BY KEMP J C
OAR ACCESS NO.....010172-003
DDC NUMBER.....AD667217
INSTR...AF-AFOSR-0877-66
PROJECT/TASK.....9763/02

AFOSR 68-0452
OHIO STATE UNIV RESEARCH FOUNDATION
FORMATION OF MOVING AND STATIONARY DETONATION WAVES IN
FLOWING COMBUSTIBLE MIXTURES
REPORT - TECHNICAL I AF PROJECT 2153
BY EDSE R
OAR ACCESS NO.....012623-001
DDC NUMBER.....AD666080
INSTR...AF-AFOSR-0203-67
PROJECT/TASK.....9711/01

AFOSR 68-0453
STANFORD UNIVERSITY
ALGEBRA AUTOMATA I PARALLEL PROGRAMMING AS A PROLEGOMENA
TO THE CATEGORICAL APPROACH
BY ARHIB M A
GIVEON Y
OAR ACCESS NO.....022990-003
DDC NUMBER.....AD666677
INSTR...AF-AFOSR-1198-67
PROJECT/TASK.....9769/08

AFOSR 68-0454
STANFORD UNIVERSITY
ALGEBRA AUTOMATA II THE CATEGORICAL FRAMEWORK FOR
DYNAMIC ANALYSIS
BY GIVEON Y
ARDIS M A
OAR ACCESS NO.....022990-004
DDC NUMBER.....AD666457
INSTR...AF-AFOSR-1198-67
PROJECT/TASK.....9769/08

AFOSR 68-0455
UNIVERSITY OF SOUTHERN CALIFORNIA
ASYNCHRONOUS FINITE STATE MODELS OF MANUAL CONTROL SYSTEMS
2ND ANNUAL CONFERENCE ON MANUAL CONTROL CAMBRIDGE MASS
28 FEB-2 MARCH 1968 PP25-37 1968
BY BEKEY G A
ANGEL E S
OAR ACCESS NO.....031211-003
DDC NUMBER.....AD666340
INSTR...AF-AFOSR-1018-67
PROJECT/TASK.....9769/03

AFOSR 68-0456
GENERAL ELECTRIC COMPANY
ATOMIC AND MOLECULAR KINETICS ON SOLID SURFACES
FINAL REPORT FEB 1968
BY ENRLICH G
OAR ACCESS NO.....019110-009
DDC NUMBER.....AD666287
INSTR...AF-49/638/01382
PROJECT/TASK.....9760/03

AFOSR 68-0457
UNIVERSITY OF MICHIGAN
THEORETICAL FRAMEWORKS FOR PATTERN RECOGNITION PROBLEMS
FINAL REPORT JUNE 1967
BY FANNER W P JR
OAR ACCESS NO.....007044-001
DDC NUMBER.....AD666473
INSTR...AF-AFOSR-0367-68
PROJECT/TASK.....9769/02

AFOSR 68-0458
M A BIOT
EDGE BUCKLING OF A LAMINATED MEDIUM
INTERNATIONAL JOURNAL SOLIDS STRUCTURES V4 PP125-137 1968
BY BIOT M A
OAR ACCESS NO.....001312-003
DDC NUMBER.....AD666348
INSTR...AF-49/638/01329
PROJECT/TASK.....9782/01

AFOSR 67-0459
HEBREW UNIVERSITY
EVIDENCE FOR RE-REFLECTED SHOCK WAVES FROM CONVERGENT
CYLINDRICAL CHANNELS
PHYSICS OF FLUIDS V10 N8 PP1846-1847 AUG 1967
BY LOW Y
SHTRICKEN J
OAR ACCESS NO.....006861-007
DDC NUMBER.....AD666367
INSTR...AF-61/052/00846
PROJECT/TASK.....9763/02

AFOSR 68-0460
CORNELL UNIVERSITY
UNSTEADY MAGNETOHYDRODYNAMIC FLOW PAST THIN BODIES WITH
INWARDLY DIFFUSING MAGNETIC FIELD
PHYSICS FLUIDS V10 N8 PP1756-1768 AUG 1967
BY FAN D N
OAR ACCESS NO.....001062-010
DDC NUMBER.....AD666362
INSTR...AF-49/638/01346
PROJECT/TASK.....9763/02

AFOSR 68-0461
UNIVERSITY OF MICHIGAN
GAS CHROMATOGRAPHIC SEPARATION OF CARBONYL FLUORIDE AND
CARBON DIOXIDE
JOURNAL OF CHROMATOGRAPHY V31 PP77-78 1968
BY DRENNAN G A
NATULA R A
OAR ACCESS NO.....019781-002
DDC NUMBER.....AD66488
INSTR...AF-AFOSR-1144-66
PROJECT/TASK.....9750/02

AFOSR 68-0462
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A FINITE-DIFFERENCE SOLUTION OF SIMILAR NONEQUILIBRIUM
BOUNDARY LAYERS
AIAA JOURNAL V5 N11 PP1949-1954 NOV 1967
BY FAY J A
KAYE H
OAR ACCESS NO.....001223-002
DDC NUMBER.....AD664451
INSTR...AF-49/638/01396
PROJECT/TASK.....9763/02

AFOSR 68-0464
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
TIME OF FLIGHT MEASUREMENTS IN AN ARGON BEAM DEFLECTED BY A
HEATED PLATINUM TARGET
FUNDAMENTALS GAS-SURFACE INTERACTIONS ACADEMIC PRESS INC
N Y PP461-479 1967
BY MORAN J P
WACHMAN M Y
TRILLING L
OAR ACCESS NO.....000975-003
DDC NUMBER.....AD664418
INSTR...AF-49/638/01601
PROJECT/TASK.....9763/01

AFOSR 68-0465
UNIVERSITY OF ILLINOIS
ELECTRICAL PROPERTIES OF MATERIALS IN THE FAR INFRARED
REGION FINAL REPORT FEB 1968
BY COLEMAN P D
ROLDAN R
OAR ACCESS NO.....000193-004
DDC NUMBER.....AD669573
INSTR...AF-AFOSR-0272-65
PROJECT/TASK.....9767/02

AFOSR 68-0467
GENERAL APPLIED SCIENCE LABORATORIES INC
RESEARCH ON COMBUSTION PROCESSES AT HIGH SPEED AND AT LOW
PRESSURES FINAL REPORT DEC 1967
BY TAMAGIO J
SLUTSKY S
CHU B T
OAR ACCESS NO.....008142-001
DDC NUMBER.....AD832924
INSTR...AF-49/638/01676
PROJECT/TASK.....9711/01

AFOSR 68-0468
UNIVERSITY OF CALIFORNIA
FORMULATION OF STATISTICAL EQUATION OF MOTION OF BLOOD
BY LEW H S
OAR ACCESS NO.....001374-010
DDC NUMBER.....AD671546
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9782/01

AFOSR 68-0469
UNIVERSITY OF CALIFORNIA
AXISYMMETRIC DYNAMIC SNAP-THROUGH OF ELASTIC CLAMPED
SHALLOW SPHERICAL SHELLS
NO 7 FEB 1968
BY HUANG N C
OAR ACCESS NO.....022780-007
DDC NUMBER.....AD667191
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9782/01

AFOSR 68-0470
UNIVERSITY OF DELAWARE
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
AFOSR 11-2
BY BEACHELL H C
MACKMAN F E
KIM Y C
OAR ACCESS NO.....017811-001
DDC NUMBER.....AD830977
INSTR...AF-AFOSR-0422-67
PROJECT/TASK.....9713/01

AFOSR 68-0471
STANFORD UNIVERSITY
CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY
SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL
SHELLS OF FINITE LENGTH
SUOAR NO 329
BY NAHASIMHA K V
HOFF N J
OAR ACCESS NO.....001403-025
DDC NUMBER.....AD668450
INSTR...AF-49/638/01276
PROJECT/TASK.....9782/01

AFOSR 68-0472
DARTMOUTH COLLEGE
VORTEX RINGS AND THE PLATE JET
AIAA AEROSPACE SCIENCES MEETING 6TH NY 22-24 JAN 1968
BY MCCORMACK P D
OAR ACCESS NO.....021960-002
DDC NUMBER.....AD660368
INSTR...AF-AFOSR-1101-66
PROJECT/TASK.....9713/01

AFOSR 68-0473
CORNELL UNIVERSITY
AN EXPERIMENTAL STUDY OF THE DEVELOPMENT OF CONSENSUS
BY WILLIAMS R M JR
SAMPSON S F
OAR ACCESS NO.....024730-001
DDC NUMBER.....AD667220
INSTR...AF-AFOSR-1839-67
PROJECT/TASK.....9778/02

AFOSR 68-0474
ISTITUTO ELETTROTECNICO NAZIONALE
ON THE CRYSTAL DEFECTS THAT CAUSE AC ELECTROLUMINESCENCE
PART D FINAL REPORT OCT 1967
BY BONFIGLIOLI G
BROVETTO P
OAR ACCESS NO.....002723-005
DDC NUMBER.....AD666468
INSTR...AF-EDAR -0027-66
PROJECT/TASK.....9763/02

AFOSR 68-0476
POLYTECHNIC INSTITUTE OF BROOKLYN
CREEP BUCKLING OF CYLINDRICAL SHELLS UNDER AXIAL
COMPRESSION
JOURNAL FRANKLIN INSTITUTE V288 N5 PP320-325 NOV 1967
BY FRENCH F W
PATEL S A
VENKATRAMAN B
OAR ACCESS NO.....001330-002
DDC NUMBER.....AD666334
INSTR...AF-49/638/00302
PROJECT/TASK.....9782/00

AFOSR 68-0478
NORTHWESTERN UNIVERSITY
DYNAMIC STABILITY OF STRUCTURES - INTERNATIONAL CONFERENCE
ON DYNAMIC STABILITY OF STRUCTURES 18-20 OCT 1965
NORTHWESTERN UNIV EVANSTON ILLINOIS FINAL REPORT JAN 1968
BY HENRICHANN G
OAR ACCESS NO.....016970-001
DDC NUMBER.....AD666318
INSTR...AF-AFOSR-0798-65
PROJECT/TASK.....9782/01

AFOSR 68-0479
EDSLL B FORD INSTITUTE FOR MEDICAL RESEARCH
DYNAMICS OF RETICULAR AND LIMBIC POST STIMULUS DISCHARGE
BY PROCTOR L D
OAR ACCESS NO.....020790-002
DDC NUMBER.....AD666461
INSTR...AF-AFOSR-1037-66
PROJECT/TASK.....9777/01

AFOSR 68-0480
MOBIL OIL CORP
DENSITY CONTOURS AND DENSITY FLUCTUATION MEASUREMENTS OF
AN ENERGETIC HELIUM ARC
REPORT NO 3
BY HICKOK R L
JONES F C
MARSHALL J F
OAR ACCESS NO.....016261-002
DDC NUMBER.....AD667575
INSTR...AF-49/638-67-C-0043
PROJECT/TASK.....9752/01

AFOSR 68-0482
UNIVERSITY OF CALIFORNIA
THE CRYSTAL AND MOLECULAR STRUCTURE OF
1-METHYLAMINO-7-METHYLIMINO-1,3,5-CYCLOHEPTATRIENE
ACTA CRYSTALLOGRAPHICA V23 PT1 PP148-156 JULY 1967
BY GOLDSTEIN P
TRUERLOD K N
OAR ACCESS NO.....005601-003
DDC NUMBER.....AD666332
INSTR...AF-AFOSR-0240-63
PROJECT/TASK.....9782/01

AFOSR 68-0483
UNIVERSITY OF CALIFORNIA
THE CRYSTAL STRUCTURE OF THE HEXAHYDRATED CALCIUM SALT OF
HEXACYANODISORBITYLENE
ACTA CRYSTALLOGRAPHICA V22 PT5 PP657-665 MAY 1967
BY HEKOE J A
GANTZEL P K
TRUERLOD K N
OAR ACCESS NO.....005601-004
DDC NUMBER.....AD666337
INSTR...AF-AFOSR-0240-63
PROJECT/TASK.....9762/01

AFOSR 68-0484
UNIVERSITY OF CALIFORNIA
ENERGY-DEPENDENT MODULATION IN AURORAL X-RAY PULSATIONS
J GEOPHYS RES V72 N21 PP5531-5536 1 NOVEMBER 1967
BY BROWN R H
WEIR R A
OAR ACCESS NO.....006934-002
DDC NUMBER.....AD666331
INSTR...AF-AFOSR-0331-65
PROJECT/TASK.....9751/04

AFOSR 68-0485
UNIVERSITY OF CALIFORNIA
OBSERVATIONS OF THE SEPTEMBER 2, 1966 PCA EVENT, MIDDAY
RECOVERY IN ABSORPTION
PLANET SPACE SCI V15, PP1667-1675 1967
BY BROWN R R
PARTHASARATHY R
OAR ACCESS NO.....006934-004
DDC NUMBER.....AD666330
INSTR...AF-AFOSR-0331-65
PROJECT/TASK.....9751/04

AFOSR 68-0486
RICE UNIVERSITY
OBSERVATION OF GAMMA RADIATION FROM THE CRAB NEBULA
THE ASTROPHYSICAL JOURNAL V161 PPL3-L14 JANUARY 1968
BY MAYNES R C
ELLIS D V
FISHMAN G J
KURPES J D
TUCKER W H
OAR ACCESS NO.....016872-001
DOC NUMBER.....AD666346
INSTR...P44820-67-7-0067
PROJECT/TASK.....0781/04

AFOSR 68-0487
UNIVERSITY OF CALIFORNIA
DISCRIMINATING AMONG STATES OF CONSCIOUSNESS BY EEG
MEASUREMENTS A STUDY OF FOUR SUBJECTS
ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY
V28 PP22-29 1967
BY WALTER D U
RHODES J M
ADEY W R
OAR ACCESS NO.....009322-021
DOC NUMBER.....AD666798
INSTR...AF-49/638/01307
PROJECT/TASK.....9777/01

AFOSR 68-0488
UNIVERSITY OF COLORADO
DIMENSIONS OF VERBAL RACIAL ATTITUDES THEIR
IDENTIFICATION AND MEASUREMENT
JOURNAL OF PERSONALITY AND SOCIAL PSYCHOLOGY
V7 N3 PP240-250 1967
BY WOODHANSEE J J
COOK S W
OAR ACCESS NO.....013732-006
DOC NUMBER.....AD66633J
INSTR...AF-AFOSR-0436-53
PROJECT/TASK.....9778/02

AFOSR 68-0489
AEROSPACE RESEARCH ASSOCIATES INC
RESEARCH ON ENERGY ABSORBING STRUCTURES PART VI
FINAL REPORT MARCH 1968
ARA REPORT NO 94
BY HAZELSKY B
LIN T M
LIN S R
OAR ACCESS NO.....011101-003
DOC NUMBER.....AD666936
INSTR...AF-49/638/01521
PROJECT/TASK.....9782/01

AFOSR 68-0490
CORNELL UNIVERSITY
AERODYNAMIC STUDY OF AN ARGON PLASMA
PHYSICS FLUIDS V10 N9 PP1902-1967 SEPT 1967
BY HENDERSON D H
OAR ACCESS NO.....001062-011
DOC NUMBER.....AD666725
INSTR...AF-49/638/01346
PROJECT/TASK.....9783/02

AFOSR 68-0491
UNIVERSITY OF MINNESOTA
RELATION OF STRUCTURE TO FUNCTION IN HEMOGLOBIN
BY LUNRY R W
OAR ACCESS NO.....022510-001
DOC NUMBER.....AD666933
INSTR...AF-AFOSR-1222-67
PROJECT/TASK.....9777/01

AFOSR 68-0492
FLORIDA STATE UNIVERSITY
STUDIES ON THE MANGANESE OF THE CHLOROPLAST
PLANT PHYSIOLOGY V42 N7 PP997-1007 JULY 1967
BY HOMANN P H
OAR ACCESS NO.....006723-001
DOC NUMBER.....AD666724
INSTR...AF-AFOSR-0662-65
PROJECT/TASK.....9777/01

AFOSR 68-0493
FLORIDA STATE UNIVERSITY
RESEARCH IN PHOTODIOLYSIS AND PHOTOCHEMISTRY FINAL REPORT
FEB 1968
BY GAFFRON M
OAR ACCESS NO.....006723-003
DOC NUMBER.....AD666912
INSTR...AF-AFOSR-0662-65
PROJECT/TASK.....9777/01

AFOSR 68-0494
STANFORD RESEARCH INSTITUTE
THE ROLE AND CAREER DEVELOPMENT OF THE SCIENTIFIC AND
ENGINEERING OFFICER IN THE AIR FORCE
BY VOLLMEP K M
PEDERSEN W C
OAR ACCESS NO.....006631-001
DOC NUMBER.....AD668077
INSTR...AF-49/638/01471
PROJECT/TASK.....9778/02

AFOSR 68-0495
LEHIGH UNIVERSITY
KINETICS AND MECHANISM OF THE REACTION OF
TRIPHENYLPHOSPHINE WITH ALPHA-HALOACETOPHENONES
JOURNAL ORGANIC CHEMISTRY V32 PP3560-3564 NOV 1967
BY BOROWITZ I J
DANNES M
OAR ACCESS NO.....017180-002
DOC NUMBER.....AD666706
INSTR...AF-AFOSR-0938-65
PROJECT/TASK.....9762/02

AFOSR 68-0496
FLORIDA STATE UNIVERSITY
PHOTOSYNTHETIC REACTIONS OF CHLOROPLASTS WITH UNUSUAL
STRUCTURES
PLANT PHYSIOLOGY V42 N11 PP1619-1632 NOVEMBER 1967
BY HOMANN P H
SCHMID G H
OAR ACCESS NO.....006723-002
DOC NUMBER.....AD666714
INSTR...AF-AFOSR-0662-65
PROJECT/TASK.....9777/01

AFOSR 68-0497
OPENS-ILLINOIS TECH CENTER
X-RAY ABSORPTION SPECTROSCOPY AT THE COPPER K EDGE
SIEMENS REVIEW V34 X-RAY AND ELECTRON MICROSCOPY NEWS
PP1-7 1967
BY DODD C G
WILBAND J T
MOSEY R A
OAR ACCESS NO.....020870-082
DOC NUMBER.....AD666788
INSTR...AF-49/638/01670
PROJECT/TASK.....9710/03

AFOSR 68-0498
PRINCETON UNIVERSITY
ON THE STEREOMUTATION OF SULFOXIDES
RECORD CHEMICAL PROGRESS V28 N4 PP217-240 DEC 1967
BY MISLOW K
OAR ACCESS NO.....022000-009
DOC NUMBER.....AD666809
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 68-0499
MELLON INSTITUTE
A GENERAL THEORY OF DISSIPATION IN MATERIALS WITH MEMORY
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS
V27 N4 PP255-274 1968
BY COLEMAN B D
HIZEL V J
OAR ACCESS NO.....015871-008
DOC NUMBER.....AD666816
INSTR...AF-AFOSR-0728-65
PROJECT/TASK.....9749/01

AFOSR 68-0503
U S INDUSTRIAL CHEMICALS CO
REACTIONS CATALYZED BY PENTACYANOCOBALTATE I/II
BY KVIATEK J
OAR ACCESS NO.....013670-003
DOC NUMBER.....AD666816
INSTR...AF-49/638/01214
PROJECT/TASK.....9762/03

AFOSR 68-0504
RICE UNIVERSITY
BLUNT-NOSSED MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR
JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS VI N3 PP242
-252 NOVEMBER 1967
BY HEIDEMAN J C
OAR ACCESS NO.....016441-006
DOC NUMBER.....AD666802
INSTR...AF-AFOSR-0829-67
PROJECT/TASK.....9749/01

AFOSR 68-0505
DUKE UNIVERSITY
THE STATISTICAL AND COMPUTATIONAL ANALYSIS OF A SIMPLE
LEARNING PROGRAM FINAL REPORT MARCH 1968
BY WOODBURY M A
OAR ACCESS NO.....023059-001
DOC NUMBER.....AD666932
INSTR...AF-AFOSR-1180-66
PROJECT/TASK.....9769/03

AFOSR 68-0506
UNIVERSITY OF MARYLAND
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF
TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBOXYLS
II / MIXED / LIGAND COMPLEXES
INORGANIC CHEMISTRY V7 N1 PP161-161 JAN 1968
BY GRIM S D
WHEATLAND D A
MCALLISTER P R
OAR ACCESS NO.....015431-001
DOC NUMBER.....AD666846
INSTR...AF-AFOSR-0782-67
PROJECT/TASK.....9710/01

AFOSR 68-0507
OHIO STATE UNIVERSITY
SIZE EFFECTS IN THE ELECTRONIC THERMAL CONDUCTIVITY
OF GALLIUM SINGLE CRYSTALS
PHYSICAL REVIEW LETTERS V20 N3 PP169-170 15 JANUARY
BY BOUGHTON R I
YAGUB M
OAR ACCESS NO.....021170-002
DOC NUMBER.....AD666860
INSTR...AF-AFOSR-1051-66
PROJECT/TASK.....9763/01

AFOSR 68-0509
UNIVERSITY OF HAWAII
MAXIMAL-RATIO DIVERSITY COMBINERS
IEEE TRANSACTIONS ON COMMUNICATION TECHNOLOGY VS N6
DECEMBER 1967
BY GAARDER M T
OAR ACCESS NO.....027330-001
DOC NUMBER.....AD666860
INSTR...AF-AFOSR-1231-67
PROJECT/TASK.....9749/01

AFOSR 68-0810
STANFORD UNIVERSITY
A DISTRIBUTIONAL APPROACH TO TIME-VARYING SENSITIVITY
SIAM J APPL MATH V10 N3 PP1001-1010 JULY 1967
BY NEWCOMB R V
ANDERSON B O O
QAR ACCESS NO.....011061-720
DOC NUMBER.....AD666612
INSTR...AF-AFOSR-0337-63
PROJECT/TASK.....9749/01

AFOSR 68-0812
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ON SPHERE QUALITY AND ENVELOPES OF HYDROMORPHY
TRANS AM MATH SOC V128 N3 PP414-436 SEP 1967
BY LAUFER M B
QAR ACCESS NO.....000451-022
DOC NUMBER.....AD666611
INSTR...AF-AFOSR-0338-63
PROJECT/TASK.....9749/02

AFOSR 68-0813
UNIVERSITY COLLEGE
THE OPTICAL ACTIVITY OF UROBILINS DERIVED FROM
PHYCERYTHROBILIN
JOURNAL OF BIOCHEMISTRY V3 N2 PP207-207 1967
BY COLE W J
ONECHKA C
MOSCONITZ A
KRUEGER B R
QAR ACCESS NO.....007742-006
DOC NUMBER.....AD666609
INSTR...AF-EDAR -0018-63
PROJECT/TASK.....9777/01

AFOSR 68-0814
CASE WESTERN RESERVE UNIVERSITY
LEARNING THROUGH PATTERN RECOGNITION APPLIED TO A CLASS OF
GAMES
SRC 107-A-67-45 MAY 1967
BY KOPFMAN E B
QAR ACCESS NO.....012073-002
DOC NUMBER.....AD666673
INSTR...AF-AFOSR-0125-67
PROJECT/TASK.....9769/05

AFOSR 68-0816
UNIVERSITY OF TEXAS AT AUSTIN
EXPERIMENTAL OBSERVATIONS ON THE NONLINEAR FLEXURAL
VIBRATIONS OF THINWALLED CIRCULAR CYLINDERS
BY CHACH E E
STEARMAN R O
QAR ACCESS NO.....021141-002
DOC NUMBER.....AD666650
INSTR...AF-AFOSR-1234-67
PROJECT/TASK.....9782/01

AFOSR 68-0817
STANFORD UNIVERSITY
ON THE CALCULATION OF UNSTEADY NONLINEAR THREE-DIMENSIONAL
SUPERSONIC FLOW PAST WINGS FINAL REPORT JAN 1968
BY KACPRZYNSKI J J
QAR ACCESS NO.....023200-002
DOC NUMBER.....AD666609
INSTR...F44620-67-C-0044
PROJECT/TASK.....9781/02

AFOSR 68-0818
COMMUNICATION RESEARCH INSTITUTE
REPROGRAMMING OF THE SONIC OUTPUT OF THE DOLPHIN SONIC
BURST-COUNT MATCHING FINAL REPORT MARCH 1968
BY LILLY J C
MILLER A M
TRUBY M M
QAR ACCESS NO.....008434-001
DOC NUMBER.....AD666690
INSTR...AF-AFOSR-0415-67
PROJECT/TASK.....9777/01

AFOSR 68-0819
UNIVERSITY COLLEGE
DISPER:ION RELATIONS IN HIGH ENERGY PHYSICS FINAL REPORT
OCT 1967
BY MASSEY H S W
QAR ACCESS NO.....008293-005
DOC NUMBER.....AD666680
INSTR...AF-EDAR -0062-66
PROJECT/TASK.....9751/01

AFOSR 68-0820
WEIZMANN INSTITUTE OF SCIENCE
NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC
POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1967
BY SELA M
QAR ACCESS NO.....018322-001
DOC NUMBER.....AD666683
INSTR...AF-EDAR -0019-67
PROJECT/TASK.....9777/01

AFOSR 68-0823
UNIVERSITE DE LYON
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP FINAL
REPORT OCT 1967
BY JOUVET M
QAR ACCESS NO.....000845-007
DOC NUMBER.....AD666672
INSTR...AF-EDAR -0046-66
PROJECT/TASK.....9777/01

AFOSR 68-0824
UNIVERSITA DEGLI STUDI DI ROMA
KINETICS STUDIES ON MEMOPROTEINS BY PLASM PHOTOLYSIS FINAL
REPORT JAN 1968
BY ANTONINI E
QAR ACCESS NO.....018061-001
DOC NUMBER.....AD666691
INSTR...AF-EDAR -0029-67
PROJECT/TASK.....9777/01

AFOSR 68-0825
UNIVERSITY OF LONDON
SYNAPTIC TRANSMISSION AND ITS RELATION TO SURFACE CHEMISTRY
OF NERVE CELLS FINAL REPORT FEB 1968
BY ELUL R
QAR ACCESS NO.....023340-001
DOC NUMBER.....AD666694
INSTR...F61082-87-C-0021
PROJECT/TASK.....9777/01

AFOSR 68-0826
GOTEBORGS UNIVERSITET
BIOCHEMISTRY AND PHYSIOLOGY OF DOPAMINE IN THE BRAIN FINAL
REPORT FEB 1968
BY CARLSSON A
QAR ACCESS NO.....007426-003
INSTR...AF-EDAR -0036-67
PROJECT/TASK.....9777/01

AFOSR 68-0827
UNIVERSITY OF ILLINOIS
CHARGED COLLOIDAL SIZED PARTICLES FOR PROPULSION FINAL
REPORT JAN 1968
BY MENDRICKS C D
QAR ACCESS NO.....013242-003
DOC NUMBER.....AD666688
INSTR...AF-AFOSR-0107-66
PROJECT/TASK.....9752/01

AFOSR 68-0828
UNIVERSITY OF LOUISVILLE
TRANSFORMATIONAL AND ORGANIZATIONAL PROCESSES IN MEMORY
FINAL REPORT FEB 1968
BY ROBINSON J A
QAR ACCESS NO.....019840-003
DOC NUMBER.....AD666686
INSTR...AF-AFOSR-1008-66
PROJECT/TASK.....9776/01

AFOSR 68-0829
STANFORD UNIVERSITY
MOLECULAR BIOLOGY APPLICATIONS OF MASS SPECTROMETRY FINAL
REPORT DEC 1967
BY LEDERBERG J
LEVINTHAL E C
QAR ACCESS NO.....017901-003
DOC NUMBER.....AD666667
INSTR...AF-49/638/01599
PROJECT/TASK.....9777/01

AFOSR 68-0830
STANFORD UNIVERSITY
RADIO ASTRONOMY RESEARCH FINAL REPORT MARCH 1968
BY BRACEWELL R N
QAR ACCESS NO.....000143-003
DOC NUMBER.....AD666692
INSTR...AF-49/638/01375
PROJECT/TASK.....9767/02

AFOSR 68-0831
UNIVERSITY COLLEGE
UROBILINOID DERIVATIVES OF PHYCERYTHROBILIN A PROSTHETIC
GROUP OF R-PHYCERYTHRIN
INDIAN JOURNAL OF BIOCHEMISTRY V4 N2 PP19-20 1967
BY MURRAY M F
ONECHKA C
QARRA P
QAR ACCESS NO.....018270-004
DOC NUMBER.....AD666640
INSTR...AF-EDAR -0018-64
PROJECT/TASK.....9777/01

AFOSR 68-0832
UNIVERSITY COLLEGE
THE FORMATION OF VERDOCHAEMOCHROME FROM PYRIDINE
PHOTOHAEMOCHROME BY EXTRACTS OF RED ALGAE AND OF LIVER
BIOCHEMICAL JOURNAL V104 PP6-8 1967
BY MURPHY R F
ONECHKA C
QARRA P
QAR ACCESS NO.....007242-007
DOC NUMBER.....AD666656
INSTR...AF-EDAR -0018-63
PROJECT/TASK.....9777/01

AFOSR 68-0833
UNIVERSITY OF CALIFORNIA
THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED
PARAMETER SYSTEMS - I
AUTOMATICA V4 PP107-120 1967
BY BRIDGAN W L
QAR ACCESS NO.....014940-006
DOC NUMBER.....AD6667036
INSTR...AF-AFOSR-0699-65
PROJECT/TASK.....9749/01

AFOSR 68-0534
WEIZMANN INSTITUTE OF SCIENCE
USE OF SYNTHETIC POLYPEPTIDES IN STUDIES ON THE CONTROL OF
ANTIBODY FORMATION
MOBEL SYMPOSIUM III GAMMA GLOBULINS STRUCTURE AND CONTROL
OF BIOSYNTHESIS J KILLANDER ED ALNOVIST AND NIKSELL
STOCKHOLM 1967 PP455-471
BY SELA M
OAR ACCESS NO.....018322-004
DOC NUMBER.....AD667093
INSTR...AF-EOAR -0019-67
PROJECT/TASK.....9777/01

AFOSR 68-0535
WEIZMANN INSTITUTE OF SCIENCE
INDUCTION OF UNRESPONSIVENESS TO A SYNTHETIC ANTIGEN
CAPABLE OF PROVOKING EXCLUSIVELY DELAYED-TYPE SENSITIVITY
IN GUINIA-PIGS
PROCEEDINGS SYMPOSIUM ALLERGICOLOGICUM PRAGUE JUNE 1967
BY BOREK F
OAR ACCESS NO.....018322-008
DOC NUMBER.....AD667195
INSTR...AF-EOAR -0019-67
PROJECT/TASK.....9777/01

AFOSR 68-0536
WEIZMANN INSTITUTE OF SCIENCE
FURTHER STUDIES ON THE IMMUNOGENICITY OF D-AMINO ACID
POLYMERS
BIOCHIMICA ET BIOPHYSICA ACTA V140 PP349-359 1967
BY STUPP V
SELA M
OAR ACCESS NO.....018322-002
DOC NUMBER.....AD667038
INSTR...AF-EOAR -0019-67
PROJECT/TASK.....9777/01

AFOSR 68-0537
WEIZMANN INSTITUTE OF SCIENCE
IMMUNOGENICITY OF HAPTEN CONJUGATES OF POLY-D-TYROSINE
BIOCHIMICA ET BIOPHYSICA ACTA V140 PP360-362 1967
BY BONEK F
STUPP V
SELA M
OAR ACCESS NO.....018322-003
DOC NUMBER.....AD667036
INSTR...AF-EOAR -0019-67
PROJECT/TASK.....9777/01

AFOSR 68-0538
UNIVERSITY OF SUSSEX
AN ELECTRON MICROSCOPE LIQUID HELIUM STAGE FOR USE WITH
ACCESSORIES
JOURNAL OF SCIENTIFIC INSTRUMENTS /JOURNAL OF PHYSICS E/
SER 2 V1 PP121-126 1968
BY VENABLES J A
BALL O J
THOMAS G J
OAR ACCESS NO.....018830-008
DOC NUMBER.....AD667043
INSTR...AF-EOAR -0061-65
PROJECT/TASK.....9761/03

AFOSR 68-0539
UNIVERSITY OF CALIFORNIA
AN INTENSE AURORAL ZONE X-RAY EVENT IN THE 4-5 SEC PERIOD
RANGE
J ATMOSPHERIC TERREST PHTS V29 PP1611-1614 1967
BY BROWN R R
WEIR R A
OAR ACCESS NO.....006934-005
DOC NUMBER.....AD667053
INSTR...AF-AFOSR-0331-65
PROJECT/TASK.....9751/04

AFOSR 68-0540
UNIVERSITY OF CALIFORNIA
MOTION OF THE VORTEX STRUCTURE IN TYPE-II SUPERCONDUCTORS
IN HIGH MAGNETIC FIELD
THE PHYSICAL REVIEW V164 N2 PP591-607 10 DECEMBER 1967
BY CARDLI C
NAKI K
OAR ACCESS NO.....008462-002
DOC NUMBER.....AD667041
INSTR...AF-AFOSR-0610-67
PROJECT/TASK.....9761/01

AFOSR 68-0541
UNIVERSITY OF ROCHESTER
INTERPRETATION OF URBACHS RULE
PHYSICAL REVIEW LETTERS V19 N24 PP1341-1385 11 DECEMBER
1967
BY DEXTER D L
OAR ACCESS NO.....002784-001
DOC NUMBER.....AD667046
INSTR...AF-AFOSR-0611-67
PROJECT/TASK.....9761/01

AFOSR 68-0542
TEXAS INSTRUMENTS INCORPORATED
RARE EARTH IMPURITIES IN II-VI COMPOUNDS
II-VI SEMICONDUCTING COMPOUNDS 1967 INTERNATIONAL
CONFERENCE NEW YORK PP1390-1399 1967
BY WATTS R K
MOLTON W C
OAR ACCESS NO.....027700-003
DOC NUMBER.....AD667094
INSTR...F44620-67-C-0073
PROJECT/TASK.....9763/02

AFOSR 68-0543
NORTHWESTERN UNIVERSITY
ON THE OPTIMUM SYNTHESIS OF STATISTICAL COMMUNICATION
NETS-PSEUDO PARAMETRIC TECHNIQUES
JOURNAL OF THE FRANKLIN INSTITUTE V284 N6 PP467-416
DECEMBER 1967
BY FRANK H
HAKIMI S L
OAR ACCESS NO.....011790-010
DOC NUMBER.....AD667088
INSTR...AF-AFOSR-0098-63
PROJECT/TASK.....9749/01

AFOSR 68-0544
UNIVERSITY OF CALIFORNIA
THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED
PARAMETER SYSTEMS-II
AUTOMATICA V4 PP121-137 1967
BY BROGAN W L
OAR ACCESS NO.....014940-007
INSTR...AF-AFOSR-0699-65
PROJECT/TASK.....9749/01

AFOSR 68-0545
UNIVERSITY OF PENNSYLVANIA
DESCRIPTION OF EASY ENGLISH
MOORE SCHOOL REPT NO 67-22 APRIL 1967
BY CAUTIN H
RAPP F
OAR ACCESS NO.....011842-007
DOC NUMBER.....AD667089
INSTR...AF-49/638/01421
PROJECT/TASK.....9769/01

AFOSR 68-0546
FRO SYSTEMS
INVESTIGATION OF PLASMA ROTATION IN A PULSED INDUCTIVE
ACCELERATOR
AIAA AEROSPACE SCIENCE MEETING 6TH 22-24 JAN 1968 NEW YORK
NEW YORK
BY JAILLEY C L
OAR ACCESS NO.....013460-006
DOC NUMBER.....AD667099
INSTR...AF-49/638/01210
PROJECT/TASK.....9762/01

AFOSR 68-0547
UNIVERSITY OF ILLINOIS
CHARGE-TO-MASS RELATIONSHIPS FOR ELECTROMYDRODYNAMICALLY
SPRAYED LIQUID DROPLETS
PHYSICS FLUIDS V10 N10 PP2149-2154 OCT 1967
BY PFEIFER R J
HENDRICKS C O
OAR ACCESS NO.....013242-004
DOC NUMBER.....AD666998
INSTR...AF-AFOSR-0107-66
PROJECT/TASK.....9752/01

AFOSR 68-0548
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
APPROXIMATE ANALYSIS OF LINEARIZED INVISCID RELAXING GAS
FLOW
PHYSICS OF FLUIDS V10 N10 PP2128-2137 OCT 1967
BY SUSSMAN M B
BARON J R
OAR ACCESS NO.....001193-008
DOC NUMBER.....AD667098
INSTR...AF-49/638/01621
PROJECT/TASK.....9761/02

AFOSR 68-0549
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RADIATION COUPLED SHOCK LAYER INCLUDING UPSTREAM ABSORPTION
EFFECTS
INTERNATIONAL JOURNAL OF HEAT MASS TRANSFER V10 PP1601-1613
1967
BY CHEN K Y
OAR ACCESS NO.....001193-004
DOC NUMBER.....AD667099
INSTR...AF-49/638/01621
PROJECT/TASK.....9761/02

AFOSR 68-0551
NORTHWESTERN UNIVERSITY
DECODING OF GRAPH THEORETIC CODES
IEEE TRANSACTIONS ON INFORMATION THEORY V17-13 N2 PP348-349
APRIL 1967
BY BREDESON J G
HAKIMI S L
OAR ACCESS NO.....011791-016
DOC NUMBER.....AD667103
INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9749/01

AFOSR 68-0552
SOUTHWEST CENTER FOR ADVANCED STUDIES
A SIMPLIFIED PROCEDURE FOR CORRECTING A MEASURED ANGULAR
DISTRIBUTION OF PARTICLES FOR DISTORTION BY A SCATTERING
MEDIUM
NUCLEAR INSTRUMENTS AND METHODS V57 PP355-356 DEC 1967
BY DULLER N H
SHELDON W R
OAR ACCESS NO.....023410-001
DOC NUMBER.....AD667870
INSTR...AF-AFOSR-1316-67
PROJECT/TASK.....9751/04

AFOSR 68-0552
 TEXAS A&M UNIVERSITY
 A SIMPLIFIED PROCEDURE FOR CORRECTING A MEASURED ANGULAR
 DISTRIBUTION OF PARTICLES FOR DISTORTION BY A SCATTERING
 MEDIUM
 NUCLEAR INSTRUMENTS AND METHODS V57 PP358-386 DEC 1967
 OAR ACCESS NO.....003480-001
 DDC NUMBER.....AD667870
 INSTR...AF-AFOSR-1316-67
 PROJECT/TASK.....9751/04
 BY DULLER A H
 SMELTON W R

AFOSR 68-0553
 BROWN UNIVERSITY
 A CLASS OF FUNCTIONAL EQUATIONS OF NEUTRAL TYPE
 MEMOIRS OF THE AMERICAN MATHEMATICAL SOCIETY N76 PPI-65
 1967
 OAR ACCESS NO.....019592-007
 DDC NUMBER.....AD667090
 INSTR...AF-AFOSR-0893-66
 PROJECT/TASK.....9749/01
 BY MALE J K
 MEYER H R

AFOSR 68-0554
 UNIVERSITY OF BIRMINGHAM
 DIALKYLAMINOTELLURIUM /VI/ FLUORIDES
 CHEMICAL COMMUNICATIONS P124R 1967
 OAR ACCESS NO.....013120-005
 DDC NUMBER.....AD666996
 INSTR...AF-EDAM -0090-63
 PROJECT/TASK.....9716/02
 BY FRASER G W
 PEACOCK R O
 WATKINS P W

AFOSR 68-0555
 INTERNATIONAL BUSINESS MACHINES CORPORATION
 ORIENTATION-DEPENDENT STICKING COEFFICIENT IN THE
 GERMANIUM-OXYGEN SYSTEM
 SURFACE SCIENCE V9 N2 PP370-373 FEB 1968
 OAR ACCESS NO.....012540-016
 DDC NUMBER.....AD667101
 INSTR...AF-497538/01201
 PROJECT/TASK.....9761/02
 BY LEVER R F

AFOSR 68-0556
 FLORIDA STATE UNIVERSITY
 NUCLEAR QUADRUPOLE RESONANCE INVESTIGATION OF NIOBIUM
 BROMIDE AND URANIUM IODIDE
 PHYSICS LETTERS V26A N2 PP63-64 18 DECEMBER 1967
 OAR ACCESS NO.....006283-001
 DDC NUMBER.....AD66706Z
 INSTR...AF-AFOSR-0928-67
 PROJECT/TASK.....9763/03
 BY PARKS S I
 MOULTON W G

AFOSR 68-0557
 CORNELL UNIVERSITY
 QUANTITATIVE REFLECTION ELECTRON DIFFRACTION IN AN ULTRA
 HIGH VACUUM CAMERA
 SURFACE SCIENCE V8 PP206-216 1967
 OAR ACCESS NO.....009071-002
 DDC NUMBER.....AD667090
 INSTR...AF-AFOSR-0770-65
 PROJECT/TASK.....9761/03
 BY SIEGEL B M
 MENADUE J F

AFOSR 68-0558
 CASE WESTERN RESERVE UNIVERSITY
 THE DEBYE TEMPERATURE OF NICKEL FROM 0 TO 300 DEGREES
 KELVIN
 JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS V28 PP2519-2544
 1967
 OAR ACCESS NO.....016670-003
 DDC NUMBER.....AD667091
 INSTR...AF-AFOSR-0857-65
 PROJECT/TASK.....9763/03
 BY GEORGE P K
 THOMPSON E D

AFOSR 68-0559
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 MAGNETIC MOMENT OF PD TO 150 KG LIMITS OF EXCHANGE
 ENHANCEMENT IN PD
 PHYSICAL REVIEW LETTERS V19 N25 PP1438-1441 18 DECEMBER
 1967
 OAR ACCESS NO.....007912-042
 DDC NUMBER.....AD667000
 INSTR...F44620-67-C-0047
 PROJECT/TASK.....9764/01
 BY FONEW S
 MCNIFF F J JR

AFOSR 68-0560
 UNIVERSITY OF PITTSBURGH
 S-O EXCHANGE DAMPING OF FERROMAGNETIC RESONANCE
 PHYSICAL REVIEW V164 N2 PP688-696 10 DECEMBER 1967
 OAR ACCESS NO.....003173-007
 DDC NUMBER.....AD667048
 INSTR...AF-AFOSR-0196-66
 PROJECT/TASK.....9763/03
 BY CULQUITT L JR

AFOSR 68-0561
 UNIVERSITY OF MARYLAND
 QUANTUM SPECTROSCOPY OF THE LOW FIELD OSCILLATIONS OF THE
 SURFACE IMPEDANCE
 PHYSICS LETTERS V26A N6 PP582-583 23 OCT 1967
 OAR ACCESS NO.....003333-028
 DDC NUMBER.....AD667051
 INSTR...AF-AFOSR-0735-68
 PROJECT/TASK.....9761/01
 BY HEE T W
 PRANGE R E

AFOSR 68-0562
 UNIVERSITY OF CALIFORNIA
 SPECIFIC HEAT OF GOLD-FOUR VANADIUM
 PHYSICS LETTERS V26A N10 PP746-741 20 NOVEMBER 1967
 OAR ACCESS NO.....018831-007
 DDC NUMBER.....AD667018
 INSTR...AF-AFOSR-0631-67
 PROJECT/TASK.....9763/03
 BY LUO M L
 CREVELING L
 HAITA J P

AFOSR 68-0563
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 FINITE TRANSLATIONS IN SOLID-STATE PHYSICS
 PHYSICAL REVIEW LETTERS V19 N26 PP1369-1367 11 DECEMBER
 1967
 OAR ACCESS NO.....007912-043
 DDC NUMBER.....AD667019
 INSTR...F44620-67-C-0047
 PROJECT/TASK.....9764/01
 BY ZAK J

AFOSR 68-0564
 UNIVERSITY OF TURIN
 SUPERCONVERGENCE AND CURRENT ALGEBRA
 ANNALS OF PHYSICS V44 N2 PP165-199 SEP 1967
 OAR ACCESS NO.....018641-002
 DDC NUMBER.....AD667044
 INSTR...AF-EDAM -0029-66
 PROJECT/TASK.....9751/01
 BY DE ALFARO V
 FURLINI S
 FURLAN G
 ROSSETTI C

AFOSR 68-0565
 UNIVERSITY OF TURIN
 ON LEMMA 3 OF ZEEMAN
 NUOVO CIMENTO SERA V51A N2 PP529-532 SEPT 1967
 OAR ACCESS NO.....018641-003
 DDC NUMBER.....AD667089
 INSTR...AF-EDAM -0029-66
 PROJECT/TASK.....9751/01
 BY BARUCCINI G
 TEPPIATI G

AFOSR 68-0566
 UNIVERSITY OF TURIN
 SUPERCONVERGENCE SUM RULES IN NUCLEON-NUCLEON SCATTERING
 NUOVO CIMENTO SERA V58A N1 PP286-288 1 MAR 1967
 OAR ACCESS NO.....018641-004
 DDC NUMBER.....AD667011
 INSTR...AF-EDAM -0029-66
 PROJECT/TASK.....9751/01
 BY DAURIA R
 DE ALFARO V

AFOSR 68-0567
 UNIVERSITY OF TURIN
 ON THE COMMUTATION RULES BETWEEN AXIAL CHARGES AND
 AXIAL DIVERGENCES
 NUOVO CIMENTO SERA V44A N3 PP829-833 1 AUG 1966
 OAR ACCESS NO.....018641-005
 DDC NUMBER.....AD667010
 INSTR...AF-EDAM -0029-66
 PROJECT/TASK.....9751/01
 BY SOLTANI G

AFOSR 68-0568
 UNIVERSITY OF UTAH
 SCHEDING OF A FIXED CHARGE IN BISMUTH METAL
 PHYSICAL REVIEW V164 N3 PP909-915 15 DECEMBER 1967
 OAR ACCESS NO.....017960-002
 DDC NUMBER.....AD667039
 INSTR...AF-AFOSR-0901-65
 PROJECT/TASK.....9763/04
 BY BROWNELL D H JR
 MYGM E M

AFOSR 68-0569
 INSTITUTE FOR ADVANCED STUDY
 THE ONE PION EXCHANGE CONTRIBUTION TO THE WEAK PARITY
 VIOLATING NUCLEON-NUCLEON POTENTIAL
 PHYSICS LETTERS V26B N2 PP107-108 25 DEC 1967
 OAR ACCESS NO.....007784-007
 DDC NUMBER.....AD667066
 INSTR...AF-AFOSR-1363-68
 PROJECT/TASK.....9751/01
 BY MCKELLAR R M J

AFOSR 68-0570
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 ALGEBRAS WITH THE SAME MULTIPLICATIVE MEASURES
 JOURNAL OF FUNCTIONAL ANALYSIS V1 N3 PP331-341 1967
 OAR ACCESS NO.....000451-023
 DDC NUMBER.....AD667003
 INSTR...AF-AFOSR-0335-63
 PROJECT/TASK.....9749/02
 BY GANNETT J
 GLICKSBERG I

APOSR 68-0571
CORNELL UNIVERSITY
PERTURBATIONS OF PLANE AND AXISYMMETRIC ENTROPY LAYERS
AIAA JOURNAL V8 N12 PP2155-2160 DEC 1967
BY GEORGE A R
OAR ACCESS NO.....001062-012
DOC NUMBER.....AD667014
INSTR...AF-49/632/01346
PROJECT/TASK.....9783/0P

APOSR 68-0572
CAMBRIDGE UNIVERSITY
GROWTH OF RUNNING TO DETONATION IN LIQUIDS AND SOLIDS
BY BOWDEN P P
FIELD J F
FOX P G
CHAUDHURI M M
OAR ACCESS NO.....018273-003
DOC NUMBER.....AD667216
INSTR...AF-EDAR-0003-07
PROJECT/TASK.....9711/01

APOSR 68-0573
UNIVERSITY OF PISA
A RESULT CONCERNING ELLIPTIC EQUATIONS OF THE SECOND
ORDER AND OF NON VARIATIONAL TYPE /ITALIAN/
ANNALI DELLA SCUOLA NORMALE SUPERIORE V21 N4 PP701-707 1967
BY CAMPANATO S
OAR ACCESS NO.....016781-002
DOC NUMBER.....AD667001
INSTR...AF-EDAR-0038-67
PROJECT/TASK.....9749/02

APOSR 68-0574
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THREE-DIMENSIONAL MONTI CARLO SIMULATION OF EXTENSIVE
AIR-SHOWERS
PHYSICAL REVIEW V164 N5 PP1567-1593 25 DEC 1967
BY BRADY M V
RAPPAPORT S A
OAR ACCESS NO.....007356-001
DOC NUMBER.....AD667066
INSTR...F44620-67-C-0020
PROJECT/TASK.....9751/06

APOSR 68-0575
YESHIVA UNIVERSITY
THEORY OF SELF-INDUCED STRONG INTERACTIONS
PHYSICAL REVIEW V164 N5 PP2003-2056 25 DEC 1967
BY SUSSKIND L
FRYE G
OAR ACCESS NO.....017460-001
DOC NUMBER.....AD667063
INSTR...AF-APOSR-1282-67
PROJECT/TASK.....9751/01

APOSR 68-0577
NEW YORK STATE UNIV RESEARCH FOUNDATION
DYNAMICS OF RECTANGULAR PLATES
D I S G R NO 30
BY LEE Y C
REISMAN M
OAR ACCESS NO.....020441-001
DOC NUMBER.....AD668059
INSTR...AF-APOSR-098H-67
PROJECT/TASK.....9762/01

APOSR 68-0578
OHIO STATE UNIV RESEARCH FOUNDATION
SUPERSONIC BURNING AND COMBUSTION FINAL REPORT NOV 1967
BY EUSP R
OAR ACCESS NO.....012622-001
DOC NUMBER.....AD663152
INSTR...AF-APOSR-U203-66
PROJECT/TASK.....9711/01

APOSR 68-0579
BUREAU OF SOCIAL SCIENCE RESEARCH INC
THE POLITICAL ECONOMY OF SOCIAL RESEARCH THE CASE OF
SOCIOLOGY
BY BIDENMAN A D
CRAWFORD F T
OAR ACCESS NO.....019210-004
DOC NUMBER.....AD668082
INSTR...AF-49/632/01344
PROJECT/TASK.....9779/02

APOSR 68-0580
BUREAU OF SOCIAL SCIENCE RESEARCH INC
ON RELATIONS BETWEEN THE INFLUENCE AFFLUENCE AND PHENOMENAL
CONGRUENCE OF SCIENCES AS THEY AFFECT SOCIOLOGYS FUTURE
BY BIDENMAN A D
OAR ACCESS NO.....019210-005
DOC NUMBER.....AD668054
INSTR...AF-49/632/01344
PROJECT/TASK.....9779/02

APOSR 68-0581
UNIVERSITY OF TEXAS AT AUSTIN
FIFTH ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW
ANNUAL JOINT SERVICES ELECTRONICS PROGRAM WITH C L COATES
ED UNIV OF TEXAS 19-20 MAY 1968
BY COATES C L
OAR ACCESS NO.....015242-049
DOC NUMBER.....AD667526
INSTR...AF-APOSR-0766-67
PROJECT/TASK.....4751/00

APOSR 68-0583
NORTH AMERICAN AVIATION INC
INVESTIGATION OF THIN-FILM OPTICAL TRANSMISSION LINES
FINAL REPORT FEB 1968
BY SMAN C R JR
FREICH D T
OAR ACCESS NO.....016520-004
DOC NUMBER.....AD668983
INSTR...AF-49/632/01304
PROJECT/TASK.....9768/02

APOSR 68-0584
YESHIVA UNIVERSITY
SYMMETRY OF GROUND STATE IN A DILUTE MAGNETIC METAL ALLOY
PHYSICAL REVIEW LETTERS V18 N26 PP1470-1481 25 DECEMBER
1967
BY MATTIS D C
OAR ACCESS NO.....021260-006
DOC NUMBER.....AD667047
INSTR...AF-APOSR-1075-66
PROJECT/TASK.....9761/01

APOSR 68-0585
UNIVERSITY OF CALIFORNIA
S-MATRIX THEORY OF LOCAL MOMENTS
RENDICONTI DELLA SCUOLA INTERNAZIONALE DI FISICA E FERMI
COURSE 37 PP116-205 1966
BY SUHL M
OAR ACCESS NO.....008861-044
DOC NUMBER.....AD668844
INSTR...AF-APOSR-0610-64
PROJECT/TASK.....9761/01

APOSR 68-0586
UNIVERSITY OF ILLINOIS
SOME ELECTRICAL AND OPTICAL EFFECTS OF DISLOCATIONS IN
SEMICONDUCTORS
JOURNAL OF APPLIED PHYSICS V38 N11 PP4481-4486 OCTOBER 1967
BY MEYER M
MILES M H
MINOMIYA T
OAR ACCESS NO.....008322-002
DOC NUMBER.....AD667049
INSTR...AF-APOSR-0803-65
PROJECT/TASK.....9761/01

APOSR 68-0587
NEW YORK UNIVERSITY
INVESTIGATIONS IN SYSTEMS THEORY FINAL REPORT MARCH 1968
BY RAGAZZINI J R
MYERS G M
GRAMMATICOS A
OAR ACCESS NO.....014292-002
DOC NUMBER.....AD667047
INSTR...AF-APOSR-0490-67
PROJECT/TASK.....9749/01

APOSR 68-0588
UNIVERSITY OF MICHIGAN
APPLICATIONS OF GRAPH THEORY FINAL REPORT MARCH 1968
BY HARARY F
OAR ACCESS NO.....018961-003
DOC NUMBER.....AD667109
INSTR...AF-APOSR-0784-67
PROJECT/TASK.....9749/01

APOSR 68-0589
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SPIN POLARIZATION AROUND A LOCALIZED MAGNETIC IMPURITY IN A
MAGNETIZED METAL
PHYSICAL REVIEW LETTERS V20 N5 PP701-704 29 JANUARY 1968
BY KIM D J
SCHWARTZ B H
OAR ACCESS NO.....007912-044
DOC NUMBER.....AD667061
INSTR...F44620-67-C-0047
PROJECT/TASK.....9766/01

APOSR 68-0590
STANFORD RESEARCH INSTITUTE
A SURVEY OF PROGRESS IN CODING THEORY IN THE SOVIET UNION
FINAL REPORT DEC 1967
BY KAUTZ W H
LEVITT K M
OAR ACCESS NO.....023300-001
DOC NUMBER.....AD666017
INSTR...F44620-67-C-0026
PROJECT/TASK.....9769/03

APOSR 68-0591
UNIVERSITY OF UTAH
THEORY OF THE DAMPING OF ALFVEN WAVES IN BISMUTH METAL
PHYSICAL REVIEW V184 A3 PP616-622 15 DECEMBER 1967
BY JONHAELL D H JR
HYGEM E M
OAR ACCESS NO.....017960-003
DOC NUMBER.....AD667096
INSTR...AF-APOSR-0901-65
PROJECT/TASK.....9763/03

APOSR 68-0592
UNIVERSITY OF ILLINOIS
FREQUENCY VARIATION OF THE MOS-TRANSISTOR V SUB D EQUALS C
ADMITTANCE
SOLID-STATE ELECTRONICS V11 PP253-260 16 JUNE 1967
BY PIENNET R F
OAR ACCESS NO.....003413-006
DOC NUMBER.....AD667005
INSTR...AF-APOSR-0714-67
PROJECT/TASK.....9763/02

AFOSR 68-0593
CLARKSON COLLEGE OF TECHNOLOGY
CONCERNING THE UNIQUENESS OF A MOLECULAR FIELD SOLUTION
FOR TWO MAGNETIC SUBLATTICES
PHYSICA STATUS SOLIDI VPS PR31-KJA 1968
BY ANDERSON E F
OAR ACCESS NO.....071150-002
DOC NUMBER.....AD006999
INSTR...AF-AFOSR-1156-66
PROJECT/TASK.....9761/01

AFOSR 68-0594
UNIVERSITY OF HAWAII
NONLINEAR TRANSFORMATIONS OF RANDOM PROCESSES
IEEE TRANSACTIONS ON INFORMATION THEORY VIT13 N3 PP302-305
JULY 1967
BY ABRAMSON N
OAR ACCESS NO.....027330-002
DOC NUMBER.....AD033048
INSTR...AF-AFOSR-1251-67
PROJECT/TASK.....9749/01

AFOSR 68-0595
FRANKLIN INSTITUTE
ANGULAR CORRELATION MEASUREMENTS FOR NICKEL 58 - PROTON
GAMMA
NUCLEAR PHYSICS V104 PP115-138 1967
BY HOROSHKO R N
MINICHSEN P F
SWENSON L W
VAN PATTEN D M
OAR ACCESS NO.....002204-001
DOC NUMBER.....AD067004
INSTR...AF-AFOSR-0401-66
PROJECT/TASK.....9751/02

AFOSR 68-0596
UNIVERSITY OF LOUISVILLE
RULE LEARNING AND RULE INTERFERENCE IN TINGRAM ENCODING
PSYCHOLOGICAL REPORTS V21 PP921-927 1967
BY ROBINSON J A
OAR ACCESS NO.....013640-004
DOC NUMBER.....AD067016
INSTR...AF-AFOSR-100R-66
PROJECT/TASK.....9778/01

AFOSR 68-0597
UNIVERSITY OF OREGON
CODING SYSTEMS IN PERCEPTION AND COGNITION
BY POSNER M I
OAR ACCESS NO.....023630-001
DOC NUMBER.....AD067221
INSTR...F44620-67-C-0049
PROJECT/TASK.....9740/00

AFOSR 68-0598
KANSAS STATE UNIVERSITY
COMPRESSIBLE LAMINAR MAGNETOHYDRODYNAMIC BOUNDARY LAYER
FLOW INSIDE A FLAT DUCT WITH HEAT TRANSFER
AIAA JOURNAL V5 N12 PP2113-2121 DEC 1967
BY HUANG U P
PAN L T
HUANG C L
OAR ACCESS NO.....014031-005
DOC NUMBER.....AD067037
INSTR...AF-AFOSR-0463-66
PROJECT/TASK.....9752/01

AFOSR 68-0599
WEIZMANN INSTITUTE OF SCIENCE
VISCOUS FLOW IN A PIPE WITH ABSORBING WALLS
JOURNAL OF APPLIED MECHANICS N67 PP1-6 1967
BY FRIEDMAN M
GILLIS J
OAR ACCESS NO.....006503-001
DOC NUMBER.....AD067136
INSTR...AF-EDAH-003H-66
PROJECT/TASK.....9747/01

AFOSR 68-0600
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
QUANTUM OSCILLATIONS OF THE VELOCITY OF SOUND IN GALLIUM
PHYSICAL REVIEW V165 N3 PP751-754 15 JANUARY 1968
BY HEURINGER L J
SHAPIRA Y
OAR ACCESS NO.....007912-045
DOC NUMBER.....AD067160
INSTR...F44620-67-C-0087
PROJECT/TASK.....9764/01

AFOSR 68-0601
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
INTERBAND MAGNETO-OPTICAL ABSORPTION IN GALLIUM
ARSENIDE
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS V29 PP129-141
JAN 1968
BY VIKENEN J M F
OAR ACCESS NO.....007912-046
DOC NUMBER.....AD067161
INSTR...F44620-67-C-0087
PROJECT/TASK.....9764/01

AFOSR 68-0602
GOTEBORGS UNIVERSITET
TRANSPORT OF BIOLOGICAL AMINES AS AN ELEMENT OF DRUG ACTION
PROTOPLASMA V88 N1-3 PP123-125 PROCEEDINGS OF THE
SYMPOSIUM ON BIOPHYSICS & PHYSIOLOGY OF BIOLOGICAL
TRANSPORT PRASCATI JUNE 1965
BY CARLSSON A
OAR ACCESS NO.....007424-009
DOC NUMBER.....AD067133
INSTR...AF-EDAH-0056-65
PROJECT/TASK.....9777/01

AFOSR 68-0603
GOTEBORGS UNIVERSITET
THE INTERFERENCE OF TETRABENAZINE HEMIEQUINAMIDE AND
PRENYLAMINE WITH THE ACTION OF RESERPINE
ACTA PHARMACOLOGICA ET TOXICOLOGICA V24 PP112-120 1966
BY CARLSSON A
LINDGVIST M
OAR ACCESS NO.....007424-010
DOC NUMBER.....AD067131
INSTR...AF-EDAH-0056-65
PROJECT/TASK.....9777/01

AFOSR 68-0604
GOTEBORGS UNIVERSITET
METABOLIC PATHWAYS OF DOPAMINE AND NUREPINEPHRINE IN
HABBIT BRAIN IN VITRO
THE JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS
V157 N3 PP493-502 1967
BY RUTLEDGE C O
JONASSEN J
OAR ACCESS NO.....007426-001
DOC NUMBER.....AD067057
INSTR...AF-EDAH-0036-67
PROJECT/TASK.....9777/01

AFOSR 68-0605
GOTEBORGS UNIVERSITET
SELECTIVE PROTECTION OF 5-HYDROXYTRYPTAMINE STORES AGAINST
THE ACTION OF RESERPINE BY TREATMENT WITH
5-HYDROXYTRYPTOPHAN
JOURNAL OF PHARMACY AND PHARMACOLOGY V19 PP783-784 NOV 1967
BY CARLSSON A
OAR ACCESS NO.....007426-002
DOC NUMBER.....AD067027
INSTR...AF-EDAH-0036-67
PROJECT/TASK.....9777/01

AFOSR 68-0606
OXFORD UNIVERSITY
DEFENSIVE BEHAVIOUR AND THE AFTER EFFECTS OF BRAIN
STIMULATION IN THE RING DOVE /STREPTOPELIA HISSORIA/
NEUROPSYCHOLOGIA V5 PP345-366 1967
BY HAMWOOD J
WOMLES O M
OAR ACCESS NO.....006983-002
DOC NUMBER.....AD067045
INSTR...AF-EDAH-0014-65
PROJECT/TASK.....9777/01

AFOSR 68-0607
OXFORD UNIVERSITY
AUDITORY RESPONSES OF NEURONES IN THE LATERAL
MESENCEPHALIC NUCLEUS /INFERIOR COLICULUS/ OF THE BARBARY
DOVE
JOURNAL OF PHYSIOLOGY V193 PP695-705 1967
BY BIEDERMAN-THORSON M
OAR ACCESS NO.....006984-004
DOC NUMBER.....AD067002
INSTR...AF-EDAH-0012-66
PROJECT/TASK.....9777/01

AFOSR 68-0608
OXFORD UNIVERSITY
DISPLACEMENT ACTIVITIES AND AROUSAL
NATURE V214 N5094 PP1259-1260 17 JUNE 1967
BY JELTUS J O
OAR ACCESS NO.....006984-005
DOC NUMBER.....AD067012
INSTR...AF-EDAH-0012-66
PROJECT/TASK.....9777/01

AFOSR 68-0609
ARIZONA STATE UNIVERSITY
TRANSIENTS AND NON-CHMIC BEHAVIOR IN CERTAIN OXIDE
JOURNAL OF APPLIED PHYSICS V38 N13 PP5421 DECEMBER 1967
BY KEVANE C J
HOLVERSON E L
OAR ACCESS NO.....006103-002
DOC NUMBER.....AD067008
INSTR...AF-AFOSR-0609-65
PROJECT/TASK.....9763/02

AFOSR 68-0610
UNIVERSITY OF CALIFORNIA
SCATTERING THEORY WITH TWO HILBERT SPACES
JOURNAL OF FUNCTIONAL ANALYSIS V1 N3 PP347-369 OCTOBER 1967
BY KATO T
OAR ACCESS NO.....014650-012
DOC NUMBER.....AD067020
INSTR...AF-AFOSR-0553-64
PROJECT/TASK.....9749/01

AFOSR 68-0612
UNIVERSITY OF ILLINOIS
STUDY OF TURBULENCE CLOSE TO A SOLID WALL
THE PHYSICS OF FLUIDS SUPPLEMENT BOUNDARY LAYERS AND
TURBULENCE PP5126-5133 1967
BY HANRATTY T J
OAR ACCESS NO.....014513-003
DOC NUMBER.....AD067124
INSTR...AF-AFOSR-0547-67
PROJECT/TASK.....9781/02

AFOSR 68-0613
CAMBRIDGE UNIVERSITY
ELECTRONIC STRUCTURE AND STABILITY OF THE INORGANIC
FLUORIDES
PROCEEDINGS OF THE ROYAL SOCIETY A V302 PP35-49 1967
BY IGUAL J
VORFE A D
OAR ACCESS NO.....014650-012
DOC NUMBER.....AD067129
INSTR...AF-EDAH-0003-67
PROJECT/TASK.....9711/01

AFOSR 68-0614
STANFORD UNIVERSITY
SPECTROSCOPIC INVESTIGATION OF A CRYSTALLINE POLYMER
DISTRIBUTION IN A POLYMER SYSTEM - JOURNAL OF POLYMER SCIENCE
POLYMER LETTERS
MAY 1968
BY HOPKINS, J. R.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0615
POLYTECHNIC INSTITUTE OF BROOKLYN
A SOURCE OF POLYMER WITH CONTINUOUS DISTRIBUTION OF
JOURNAL OF POLYMER SCIENCE
BY HOPKINS, J. R.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0616
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A CHARACTERIZATION METHOD FOR POLYMER SOLUTIONS
ATAA AEROSPACE SCIENCES MEETING NEW YORK JAN 1968 NEW YORK
BY HOPKINS, J. R.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0617
AERONAUTICAL ENGINEERING
A COMPUTER STUDY OF AN ANALYTICAL MODEL OF LAMINAR LAYER
TRANSITION
ATAA AEROSPACE SCIENCES MEETING NEW YORK JAN 1968 NEW YORK
BY DONALDSON, J. R.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0618
CARNegie-MELLON UNIVERSITY
A SIMPLIFIED METHOD FOR THE ANALYSIS OF LAMINAR LAYER
TRANSITION
BY LEVELAND, D. J.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0619
UNIVERSITY OF MICHIGAN
THE CONNECTIVITY OF A POLYMER
MATHEMATICAL MODEL OF POLYMER
BY HOPKINS, J. R.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0620
HARVARD UNIVERSITY
RADIATIVE CORRELATION IN POLYMER
PHYSICAL REVIEW LETTERS
BY SCHUBERT, J.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0623
AMERICAN UNIVERSITY
ON THE VARIATIONAL CALCULATION OF EIGENVALUES FOR A CLASS
OF UNBOUNDED OPERATORS
JOURNAL OF MATHEMATICS AND MECHANICS
JANUARY 1968
BY STINGER, W.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0624
NORTHWESTERN UNIVERSITY
A METHOD FOR THE DESIGN OF STABLE CONTROL SYSTEMS
SYSTEMS
PROCEEDINGS OF THE NATIONAL ELECTRONIC CONFERENCE
PRICH-113 1967
BY HUMPHY, G. J.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0625
STANFORD UNIVERSITY
KINETIC THEORY OF TWO-TEMPERATURE PLASMAS
PHYSICS OF PLASMAS
BY KROGH, C. H.
MITCHELL, R.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0626
STANFORD UNIVERSITY
SPECTROSCOPIC INVESTIGATION OF A CRYSTALLINE POLYMER
DISTRIBUTION IN A POLYMER SYSTEM - JOURNAL OF POLYMER SCIENCE
POLYMER LETTERS
MAY 1968
BY HOPKINS, J. R.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0627
POLYTECHNIC INSTITUTE OF BROOKLYN
A SOURCE OF POLYMER WITH CONTINUOUS DISTRIBUTION OF
JOURNAL OF POLYMER SCIENCE
BY HOPKINS, J. R.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0628
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A CHARACTERIZATION METHOD FOR POLYMER SOLUTIONS
ATAA AEROSPACE SCIENCES MEETING NEW YORK JAN 1968 NEW YORK
BY HOPKINS, J. R.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0629
AERONAUTICAL ENGINEERING
A COMPUTER STUDY OF AN ANALYTICAL MODEL OF LAMINAR LAYER
TRANSITION
ATAA AEROSPACE SCIENCES MEETING NEW YORK JAN 1968 NEW YORK
BY DONALDSON, J. R.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0630
CARNegie-MELLON UNIVERSITY
A SIMPLIFIED METHOD FOR THE ANALYSIS OF LAMINAR LAYER
TRANSITION
BY LEVELAND, D. J.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0631
UNIVERSITY OF MICHIGAN
THE CONNECTIVITY OF A POLYMER
MATHEMATICAL MODEL OF POLYMER
BY HOPKINS, J. R.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0632
HARVARD UNIVERSITY
RADIATIVE CORRELATION IN POLYMER
PHYSICAL REVIEW LETTERS
BY SCHUBERT, J.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0633
AMERICAN UNIVERSITY
ON THE VARIATIONAL CALCULATION OF EIGENVALUES FOR A CLASS
OF UNBOUNDED OPERATORS
JOURNAL OF MATHEMATICS AND MECHANICS
JANUARY 1968
BY STINGER, W.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0634
NORTHWESTERN UNIVERSITY
A METHOD FOR THE DESIGN OF STABLE CONTROL SYSTEMS
SYSTEMS
PROCEEDINGS OF THE NATIONAL ELECTRONIC CONFERENCE
PRICH-113 1967
BY HUMPHY, G. J.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-0635
STANFORD UNIVERSITY
KINETIC THEORY OF TWO-TEMPERATURE PLASMAS
PHYSICS OF PLASMAS
BY KROGH, C. H.
MITCHELL, R.
DAR ACCESS NUMBER 001411001
DOI NUMBER 0000000000000000
INSTRUMENT 0000000000000000
PROJECT TASK 0000000000000000

AFOSR 68-036
SYRACUSE UNIVERSITY
THE PROBLEM OF THE EXPERIMENTAL CONFIRMATION OF LANDAU
DAMPING
INTERNATIONAL JOURNAL ELECTRONICS V22 N5 PP397-411 1967
BY KENT G
OAR ACCESS NO.....013431-003
DOC NUMBER.....AD667132
INSTR...AF-49/638/01374
PROJECT/TASK.....9752/03

AFOSR 68-0839
CITY COLLEGE OF NEW YORK
ANALYSIS OF SOME RANDOM BLENDING PROCESSES
CANADIAN JOURNAL OF CHEMICAL ENGINEERING V45 PP213-209 AUG
1967
BY KRANBECK F J
SHINMAR R
KATZ S
OAR ACCESS NO.....017770-004
DOC NUMBER.....AD667120
INSTR...AF-AFOSR-0921-65
PROJECT/TASK.....9711/01

AFOSR 68-0840
UNIVERSITY OF CALIFORNIA
ELASTICITY OF SOFT TISSUES IN SIMPLE ELONGATION
AMERICAN JOURNAL OF PHYSIOLOGY V213 N6 PP1532-1544 DEC
1967
BY FUNG T C
OAR ACCESS NO.....001374-006
DOC NUMBER.....AD667125
INSTR...AF-AFOSR-1186-67
PROJECT/TASK.....9762/01

AFOSR 68-0841
PENNSYLVANIA STATE UNIVERSITY
REACTION MECHANISMS AND KINETICS IN SOLID PHASE REACTIONS
FROM 1500-3000 DEGREES C
BY ROY R
OAR ACCESS NO.....007881-005
DOC NUMBER.....AD631195L
INSTR...AF-AFOSR-0208-63
PROJECT/TASK.....9761/02

AFOSR 68-0842
UNIVERSITY OF NORTH CAROLINA
BASIC RESEARCH IN GRAVITATION FINAL REPORT MARCH 1968
BY DEWITT B S
OAR ACCESS NO.....004575-001
DOC NUMBER.....AD668539
INSTR...AF-AFOSR-0153-67
PROJECT/TASK.....9767/04

AFOSR 68-0843
INTERNATIONAL BUSINESS MACHINES INC
MATHEMATICAL STUDIES OF NONLINEAR CIRCUITS FINAL REPORT
FEB 1968
BY BRAYTON R K
MIRANKER W L
OAR ACCESS NO.....010011-002
DOC NUMBER.....AD667205
INSTR...AF-49/638/01474
PROJECT/TASK.....9749/01

AFOSR 68-0844
POLYTECHNIC INSTITUTE OF BROOKLYN
THEORY OF THE INTERACTION OF HIGH-FREQUENCY SOUND WAVES AND
ELECTRONS
BY KJELDAAS T JR
OAR ACCESS NO.....009841-001
DOC NUMBER.....AD683148L
INSTR...AF-49/638/01372
PROJECT/TASK.....9761/01

AFOSR 68-0845
CORNELL AERONAUTICAL LABORATORY INC
SURFACE MEASUREMENTS ON SHARP FLAT PLATES AND WEDGES IN
LOW-DENSITY HYPERSONIC FLOW
BY VIDAL R J
BARTZ J A
OAR ACCESS NO.....001252-002
DOC NUMBER.....AD668552
INSTR...AF-49/638/01433
PROJECT/TASK.....9781/01

AFOSR 68-0846
UNIVERSITY OF CALIFORNIA
A LOWER BOUND FOR PERMANENTS OF $0/0,1$ -MATRICES
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY V16 N6
PP1120-1132 DECEMBER 1967
BY NINC H
OAR ACCESS NO.....013861-007
DOC NUMBER.....AD667306
INSTR...AF-AFOSR-0432-63
PROJECT/TASK.....9749/01

AFOSR 68-0847
UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION
EXPERIMENTAL DATA ON SMALL-PLASTIC DEFORMATION WAVES IN
ANNEALED ALUMINUM
INTERNATIONAL JOURNAL SOLIDS STRUCTURES V4 PP197-223 1968
BY OILLON D W JR
OAR ACCESS NO.....000774-002
DOC NUMBER.....AD667302
INSTR...AF-49/638/01646
PROJECT/TASK.....9762/01

AFOSR 68-0848
STANFORD UNIVERSITY
THE STRUCTURE OF TURBULENT BOUNDARY LAYERS
JOURNAL FLUID MECHANICS V30 PT3 PP741-773 1967
BY KLINE S J
REYNOLDS W C
SCHRAUB F A
RUNSTADLER P W
OAR ACCESS NO.....001462-012
DOC NUMBER.....AD667308
INSTR...AF-49/638/01278
PROJECT/TASK.....9781/02

AFOSR 68-0849
STANFORD UNIVERSITY
OSCILLATORY VISCOUS FLOWS REVIEW AND EXTENSION
JOURNAL INSTITUTE OF MATHEMATICS AND ITS APPLICATIONS
V3 N4 PP418-434 DEC 1967
BY RILEY N
OAR ACCESS NO.....008022-012
DOC NUMBER.....AD667303
INSTR...AF-49/638/01274
PROJECT/TASK.....9781/01

AFOSR 68-0850
UNIVERSITY OF CALIFORNIA
DISCONTINUITY HEMICONTINUITY AND MONOTONICITY II
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V73 N6 PP886-
889 1967
BY KATO T
OAR ACCESS NO.....014650-013
DOC NUMBER.....AD667342
INSTR...AF-AFOSR-0993-64
PROJECT/TASK.....9749/02

AFOSR 68-0851
CARNEGIE-MELLON UNIVERSITY
SEQUENTIAL BOOLEAN EQUATIONS
BY EVEN S
MEYER A R
OAR ACCESS NO.....022900-036
DOC NUMBER.....AD667937
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 68-0853
UNIVERSITY OF SOUTHERN CALIFORNIA
A NUMERICAL INTEGRATION FORMULA USEFUL IN FOURIER ANALYSIS
COMMUNICATIONS OF THE ACM V11 N1 PP61 JAN 1968
BY MEISEL W S
OAR ACCESS NO.....021210-003
DOC NUMBER.....AD667321
INSTR...AF-AFOSR-1018-64
PROJECT/TASK.....9769/03

AFOSR 68-0854
UNIVERSITY OF CHICAGO
ELECTRONS WITHIN THE NEUTRAL SHEET OF THE MAGNETOSPHERIC
TAIL
J GEOPHYS RES V73 N3 PP891-905 1 FEB 1968
BY MURAYAMA T
SIMPSON J A
OAR ACCESS NO.....000625-012
DOC NUMBER.....AD667301
INSTR...AF-49/638/01642
PROJECT/TASK.....9751/04

AFOSR 68-0855
NORTHWESTERN UNIVERSITY
THE TEXTURE OF CHROMIUM OXIDE CATALYSTS
JOURNAL PHYSICAL CHEMISTRY V71 PP4880-4581 1967
BY BURNELL R L JR
KATHLEEN C TAYLOR K C
HALLER G L
OAR ACCESS NO.....003042-002
DOC NUMBER.....AD667340
INSTR...AF-AFOSR-0097-63
PROJECT/TASK.....9760/03

AFOSR 68-0856
UNIVERSITY OF MARYLAND
THE NONLINEAR OSCILLATIONS OF A STRING
QUARTERLY OF APPLIED MATHEMATICS V24 N4 PP468-469 JANUARY
1968
BY HACKIE A G
OAR ACCESS NO.....022940-001
DOC NUMBER.....AD667336
INSTR...AF-AFOSR-1194-67
PROJECT/TASK.....9749/01

AFOSR 68-0857
WAYNE STATE UNIVERSITY
CIRCULARLY POLARIZED ULTRASONIC SHEAR WAVES IN METALS
PHYSICAL REVIEW LETTERS V20 N5 PP207-208 29 JANUARY 1968
BY THOMAS R L
TURNER G
BOMH H V
OAR ACCESS NO.....006593-003
DOC NUMBER.....AD667318
INSTR...AF-AFOSR-0695-66
PROJECT/TASK.....9763/02

AFOSR 68-0858
WESTINGHOUSE ELECTRIC CORP
SYSTEM FOR MEASURING FREQUENCIES UP TO 345 GHZ
THE REVIEW OF SCIENTIFIC INSTRUMENTS V39 N11 PP1802-1803
NOVEMBER 1967
OAR ACCESS NO.....016620-002
DOC NUMBER.....AD667332
INSTR...AF-49/638/01837
PROJECT/TASK.....9763/02

AFOSR 68-0659
HUGHES RESEARCH LABS
CIS-TRANS ISOMERIZATION AND PULSED LASER STUDIES OF
SUBSTITUTED INDIGO DYES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 V3 PP887-894
31 JAN 1968
BY GIULIANO C R
MARGERUM J D
MESS L D
OAR ACCESS NO.....014220-004
DDC NUMBER.....AD667333
INSTR...AF-49/638/01264
PROJECT/TASK.....9762/03

AFOSR 68-0659
HUGHES RESEARCH LABS
CIS-TRANS ISOMERIZATION AND PULSED LASER STUDIES OF
SUBSTITUTED INDIGO DYES
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY V90 PP887-894 31
JAN 1968
BY GIULIANO C R
MESS L D
MARGERUM J D
OAR ACCESS NO.....015101-003
DDC NUMBER.....AD667333
INSTR...AF-49/638/01607
PROJECT/TASK.....9764/02

AFOSR 68-0660
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE INFLUENCE OF A MAGNETIC FIELD ON THE TRANSPORT
PROPERTIES OF POLY-ATOMIC GASES A COMPARISON OF THEORY
WITH EXPERIMENTS
PHYSICS LETTERS V244 N13 PP755-756 19 JUNE 1967
BY KORVING J
KNAPP H F P
GORDON R G
BEENAKKER J J M
OAR ACCESS NO.....007912-047
DDC NUMBER.....AD667361
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/00

AFOSR 68-0661
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY OF RHENIUM AND SOME RHENIUM-OSMIUM ALLOYS
AT HIGH PRESSURE
PHYSICAL REVIEW LETTERS V20 N5 PP198-201 29 JANUARY 1968
BY CHU C W
SMITH T F
GARDNER W E
OAR ACCESS NO.....018831-008
DDC NUMBER.....AD667324
INSTR...AF-AFOSR-0631-67
PROJECT/TASK.....9763/03

AFOSR 68-0662
UNIVERSITY OF CALIFORNIA
COMMUTATORS OF MATRICES WITH PRESCRIBED DETERMINANT
THE CANADIAN JOURNAL OF MATHEMATICS V20 PP203-221 1968
BY THOMPSON H C
OAR ACCESS NO.....014930-024
DDC NUMBER.....AD667309
INSTR...AF-AFOSR-0698-65
PROJECT/TASK.....9749/01

AFOSR 68-0663
UNIVERSIDAD DE CHILE
REACTIVITY CHANGES IN THE CENTRAL NERVOUS SYSTEM
CONCOMITANT WITH CHRONIC FEAR AND FOOD DEPRIVED STATES
ACTA PHYSIOLOGICA LATINO AMERICANA V16 N2 PP180-188 1966
BY SANTIBANEZ G H
CARMONA A
MIDDLETON S
OAR ACCESS NO.....009153-001
DDC NUMBER.....AD667486
INSTR...AF-AFOSR-0314-64
PROJECT/TASK.....9777/01

AFOSR 68-0664
FORDHAM UNIVERSITY
THE REACTION OF CHLOROSULFONYL ISOCYANATE WITH BRIDGED
BI- AND TRICYCLIC OLFINES
JOURNAL ORGANIC CHEMISTRY V33 N1 PP370-378 JAN 1968
BY MONICONTI E J
CRAWFORD W C
OAR ACCESS NO.....009631-004
DDC NUMBER.....AD667308
INSTR...AF-AFOSR-0488-64
PROJECT/TASK.....9762/02

AFOSR 68-0665
STANFORD UNIVERSITY
DIPOLE MOMENTS IN RELATION TO CONFIGURATION OF POLYPEPTIDE
CHAINS
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N20 PP6807-6813
BY FLORY P J
SCHIMMEL P H
OAR ACCESS NO.....010301-035
DDC NUMBER.....AD667306
INSTR...AF-49/638/01341
PROJECT/TASK.....9760/03

AFOSR 68-0666
UNIVERSITY OF QUEENSLAND
CHANGE-TRANSFER COMPLEXES OF PURINES AND PYRIMIDINES
AUSTRALIAN JOURNAL OF CHEMISTRY V21 PP419-423 1968
BY FULTON A
LYONS L F
OAR ACCESS NO.....016990-004
DDC NUMBER.....AD667343
INSTR...AF-AFOSR-0843-65
PROJECT/TASK.....9760/02

AFOSR 68-0667
UNIVERSITY OF TORONTO
A METHOD FOR TESTING AND IMPROVING MOLECULAR CONSTANTS OF
DIATOMIC MOLECULES WITH SPECIAL REFERENCE TO BROMINE
JOURNAL MOLECULAR SPECTROSCOPY V28 N1 PP1-85 JAN 1968
BY LEROY R J
BURNS G
OAR ACCESS NO.....014441-003
DDC NUMBER.....AD667348
INSTR...AF-AFOSR-0504-66
PROJECT/TASK.....9760/02

AFOSR 68-0668
UNIVERSITY OF CHICAGO
VIBRATIONAL EFFECTS IN RADIATIONLESS TRANSITIONS IN
AROMATIC MOLECULES
JOURNAL PHYSICAL CHEMISTRY V71 N11 PP4203-4209 DEC 1967
BY HAEBIG J E
OAR ACCESS NO.....015061-022
DDC NUMBER.....AD667327
INSTR...AF-AFOSR-0191-67
PROJECT/TASK.....9760/01

AFOSR 68-0669
UNIVERSITY OF MARYLAND
ANALYTICITY AND CAUSALITY
THE PHYSICAL REVIEW V165 N5 PP1610-1614 25 JANUARY 1968
BY SCREATON G R
OAR ACCESS NO.....002223-015
DDC NUMBER.....AD667314
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 68-0670
TECHNION/ISRAEL INST OF TECH
THE INFLUENCE OF STIFFENING GEOMETRY AND SPACING ON THE
BUCKLING OF AXIALLY COMPRESSED CYLINDRICAL AND CONICAL
SHELLS
TAE REPORT 68 OCT 1967
BY SINGER J
OAR ACCESS NO.....001324-005
DDC NUMBER.....AD669929
INSTR...AF-61/052/08905
PROJECT/TASK.....9782/01

AFOSR 68-0671
CALIFORNIA INSTITUTE OF TECHNOLOGY
NONLINEAR AND ANISOTROPIC EFFECTS IN MAGNETICALLY TUNED
LASER AMPLIFIERS
BY DIENES A
OAR ACCESS NO.....018650-006
DDC NUMBER.....AD667188
INSTR...AF-49/638/01322
PROJECT/TASK.....9768/02

AFOSR 68-0672
UNIVERSITY OF PITTSBURGH
THE ACTIVITY OF AFFERENT NERVE FIBERS FROM THE VESTIBULAR
ORGAN AND OF NEURONS IN THE VESTIBULAR NUCLEI OF
UNANESTHETIZED PRIMATES
BY WEHNER G
WHITSEL B L
OAR ACCESS NO.....019020-001
DDC NUMBER.....AD667572
INSTR...AF-AFOSR-1005-66
PROJECT/TASK.....9777/01

AFOSR 68-0673
CALIFORNIA INSTITUTE OF TECHNOLOGY
THEORY OF HOLOGRAPHY
SCIENTIFIC REPORT NO 7 JUNE 1967
BY MATTHEWS J W
OAR ACCESS NO.....018650-007
DDC NUMBER.....AD667189
INSTR...AF-49/638/01322
PROJECT/TASK.....9768/02

AFOSR 68-0674
INTERNATIONAL BUSINESS MACHINES CORP
ON THE NUMERICAL INTEGRATION OF A SYMMETRIC SYSTEM OF
DIFFERENCE-DIFFERENTIAL EQUATIONS OF NEUTRAL TYPE
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS V18 N1
PP182-189 APRIL 1967
BY BHAYTON H K
WILLOUGHBY R A
OAR ACCESS NO.....010011-003
DDC NUMBER.....AD667331
INSTR...AF-49/638/01474
PROJECT/TASK.....9749/01

AFOSR 68-0675
UNIVERSITY OF HAWAII
DIGITAL FREQUENCY MEASUREMENTS
PROCEEDINGS IFAC PULSE SYMPOSIUM BUDAPEST APRIL 8-11 1968
BY ARNANSON N
OAR ACCESS NO.....027320-003
DDC NUMBER.....AD667330
INSTR...AF-AFOSR-1251-67
PROJECT/TASK.....9749/01

AFOSR 68-0676
UNIVERSITY OF CALIFORNIA
A SOLUTION FOR A CLASS OF PROBLEMS OF LINEAR SYSTEM
OPTIMIZATION /ITALIAN/
AUTOMAZIONE E STRUMENTAZIONE V15 N11 PP491-503 NOVEMBER
BY DE JULIO S
MAZZOLLO A
OAR ACCESS NO.....015051-001
DDC NUMBER.....AD667337
INSTR...AF-AFOSR-0700-67
PROJECT/TASK.....9749/01

AFOSR 68-0677
UNIVERSITY OF NOTRE DAME
CONFORMATIONAL ANALYSIS XIII THE VALIDITY OF THE NUCLEAR
MAGNETIC RESONANCE METHOD OF ESTABLISHING CONFORMATIONAL
EQUILIBRIA
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N3 PP687-696 31 JAN
1968
BY ELIEL E L
MARTIN R J L
OAR ACCESS NO.....015090-004
DDC NUMBER.....AD667311
INSTR...AF-AFOSR-0772-65
PROJECT/TASK.....9762/01

AFOSR 68-0678
UNIVERSITY OF NOTRE DAME
CONFORMATIONAL ANALYSIS XIV CONFORMATIONAL EQUILIBRIA OF
CYCLOHEXYL HALIDES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N3 PP689-697
31 JAN 1968
BY ELIEL E L
MARTIN R J L
OAR ACCESS NO.....015090-005
DDC NUMBER.....AD667312
INSTR...AF-AFOSR-0772-65
PROJECT/TASK.....9762/01

AFOSR 68-0679
TUFTS UNIVERSITY
CHLORINE-35 NUCLEAR QUADRUPOLE RESONANCE AND THE
STRUCTURE OF THE DICHLORIDE ION IN TETRAMETHYLAMMONIUM
DICHLORIDE
JOURNAL PHYSICAL CHEMISTRY V71 N10 PP3363-3385 SEP 1967
BY HAAS T E
WELSH S M
OAR ACCESS NO.....016920-002
DDC NUMBER.....AD667344
INSTR...AF-AFOSR-0859-65
PROJECT/TASK.....9710/01

AFOSR 68-0680
TEXAS INSTRUMENTS INC
ELECTRON-NUCLEAR MAGNETIC-RESONANCE STUDIES OF THE FLUORINE
DONOR IN BERYLLIUM OXIDE
PHYSICAL REVIEW V160 N2 PP263-273 10 AUGUST 1967
BY REINHARD A R
ESTLE T L
OAR ACCESS NO.....014480-009
DDC NUMBER.....AD667338
INSTR...AF-60/638/01250
PROJECT/TASK.....9763/02

AFOSR 68-0681
WAYNE STATE UNIVERSITY
ROTATING SAMPLE HOLDER FOR X-BAND ULTRASONICS
REVIEW OF SCIENTIFIC INSTRUMENTS V39 N1 PP19-21 JAN 1968
BY DOOLEY J W
TEPLEY N
OAR ACCESS NO.....006593-004
DDC NUMBER.....AD667316
INSTR...AF-AFOSR-0605-66
PROJECT/TASK.....9763/02

AFOSR 68-0682
UNIVERSITY OF BRITISH COLUMBIA
RELLICH'S EMERGING THEOREM FOR A SPINY URCHIN
CANADIAN MATHEMATICAL BULLETIN NPT31-734 OCTOBER 1967
BY CLARK C
OAR ACCESS NO.....008674-001
DDC NUMBER.....AD667348
INSTR...AF-AFOSR-0379-67
PROJECT/TASK.....9749/01

AFOSR 68-0683
PURDUE UNIVERSITY
ISSUES IN SOCIAL SCIENCE DECISION MAKING FINAL REPORT MARCH
1968
BY HILL R J
OAR ACCESS NO.....027690-001
DDC NUMBER.....AD668262
INSTR...AF-60/638/01764
PROJECT/TASK.....9776/01

AFOSR 68-0684
CARNEGIE-MELLON UNIVERSITY
TRANSFORMATION OF PROGRAM SCHEMES TO STANDARD FORMS
BY BASU S K
OAR ACCESS NO.....022900-030
DDC NUMBER.....AD667545
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 68-0685
PURDUE UNIVERSITY
PARAMETRIC STUDY OF ROCKET INSTABILITY FINAL REPORT FEB
1968
BY OSBORN J R
NETZER D W
OAR ACCESS NO.....005873-001
DDC NUMBER.....AD629888
INSTR...AF-AFOSR-0753-66
PROJECT/TASK.....9711/01

AFOSR 68-0687
MELLON INSTITUTE
REACTIONS OF AMMONIUM CARBYNYL DERIVATIVES WITH ANTIMONY
PENTACHLORIDE
JOURNAL INORGANIC NUCLEAR CHEMISTRY V20 PP2119-7122 1967
BY KING R B
OAR ACCESS NO.....014061-013
DDC NUMBER.....AD667493
INSTR...AF-AFOSR-0580-66
PROJECT/TASK.....9710/02

AFOSR 68-0688
ADELPHI UNIVERSITY
EPICENTER MOTION OF AN ELASTIC HALF-SPACE DUE TO BURIED
STATIONARY AND MOVING LINE SOURCES
INTERN J SOLIDS STRUCTURES V4 PP287-300 1968
BY PAYTON R G
OAR ACCESS NO.....017220-003
DDC NUMBER.....AD667492
INSTR...AF-AFOSR-0821-65
PROJECT/TASK.....9749/01

AFOSR 68-0689
RADIO CORP OF AMERICA
AN APPROACH TO HEURISTIC PROBLEM SOLVING AND THEOREM
PROVING IN THE PROPOSITIONAL CALCULUS
SYSTEMS AND COMPUTER SCIENCE UNIV OF TORONTO PRESS CANADA
PP120-220 1967
BY ANAKEL S
OAR ACCESS NO.....011890-002
DDC NUMBER.....AD667505
INSTR...AF-60/638/01184
PROJECT/TASK.....9769/05

AFOSR 68-0690
UNIVERSITY OF FLORIDA
NONIONIZATION DETECTORS AND THEIR USE IN GAS CHROMATOGRAPHY
ADVANCES IN CHROMATOGRAPHY MARCEL DEKKER INC N Y J C
GIDDINGS R A KELLER EDS PP263-300 1966
BY WINEFORDNER J O
GLENN T H
OAR ACCESS NO.....020431-009
DDC NUMBER.....AD667503
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 68-0691
UNIVERSITY OF GEORGIA
ORGANOSULFUR DERIVATIVES OF THE METAL CARBYNYLS X SOME
TRANSITION METAL DERIVATIVES CONTAINING OCM
PI-CYCLOPENTADIENYL AND CIS-1,2-ETHYLENEDITHIOLATE LIGANDS
INORGANIC CHEMISTRY V7 N2 PP340-345 FEB 1968
UY KING R B
EGGERS C A
OAR ACCESS NO.....019062-002
DDC NUMBER.....AD667506
INSTR...AF-AFOSR-1211-67
PROJECT/TASK.....9710/02

AFOSR 68-0692
UNIVERSITY OF GEORGIA
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XIII THE
SYNTHESIS OF UNUSUAL CYCLOPENTADIENYL POLYCHROMIUM NITROSYL
DERIVATIVES USING THALLIUM CYCLOPENTADIENIDE
INORGANIC CHEMISTRY V7 N1 PP90-94 JAN 1968
BY KING R B
OAR ACCESS NO.....019062-003
DDC NUMBER.....AD667508
INSTR...AF-AFOSR-1211-67
PROJECT/TASK.....9710/02

AFOSR 68-0693
UNIVERSITY OF GEORGIA
COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES III METAL
CARBYNYL COMPLEXES OF 9-PHENYL-9-PHOSPHADICYCLC /4.2.1/
NONATRIENE
INORGANIC CHEMISTRY V7 N2 PP273-277 FEB 1968
BY KING R B
PANNELL K H
OAR ACCESS NO.....019062-004
DDC NUMBER.....AD667506
INSTR...AF-AFOSR-1211-67
PROJECT/TASK.....9710/02

AFOSR 68-0694
UNIVERSITY OF ZURICH
SUCCHASE AND SUGAR TRANSPORT IN THE SMALL INTESTINE
COLLOQUIUM ON THE PROTOPIDES OF BIOLOGICAL FLUIDS WITH BRUGES
HELGUM MAY 1967 V15 PP201-208 1967 ELSEVIER PUBLISHING
COMPANY AMSTERDAM
BY SEMENZA G
OAR ACCESS NO.....022640-003
DDC NUMBER.....AD667509
INSTR...AF-60AR -0007-67
PROJECT/TASK.....9777/01

AFOSR 68-0696
KAROLINSKA INSTITUTE
PIGMENT MIGRATION AND RETINULAR SENSITIVITY
PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON THE
FUNCTIONAL ORGANIZATION OF THE COMPOUND EYE STOCKHOLM
OCTOBER 25-27 1965 PERGAMON PRESS OXFORD AND NEW YORK 1966
BY MUGLUND G
OAR ACCESS NO.....008683-004
DDC NUMBER.....AD667485
INSTR...AF-60AR -0009-65
PROJECT/TASK.....9777/01

AFOSR 68-0697
KAROLINSKA INSTITUTE
THE CORNEAL NIPPLE ARRAY
PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON THE
FUNCTIONAL ORGANIZATION OF THE COMPOUND EYE STOCKHOLM
OCTOBER 25-27 1965 PERGAMON PRESS OXFORD AND NEW YORK 1966
BY MILLER W H
MILLER A R
BENNHARD C G
OAR ACCESS NO.....008683-005
DDC NUMBER.....AD667483
INSTR...AF-60AR -0009-65
PROJECT/TASK.....9777/01

AFOSR 68-0698
KAROLINSKA INSTITUTE
LIGHT TRANSMISSION AND ITS REGULATION IN THE COMPOUND EYE
MEDICAL AND BIOLOGICAL ILLUSTRATION V17 N2 PP100-107 APRIL 1967
BY BERNHARD C G
DAR ACCESS NO.....009883-006
DOC NUMBER.....AD667884
INSTR...AF-EDAR -0009-65
PROJECT/TASK.....9777/01

AFOSR 68-0699
CLARK UNIVERSITY
OLFACTION IN MAMMALS
AMERICAN ZOOLOGIST V7 PP421-429 1967
BY MOUTON D G
DAR ACCESS NO.....020461-001
DOC NUMBER.....AD667510
INSTR...AF-AFOSR-1056-67
PROJECT/TASK.....9777/01

AFOSR 68-0700
KAROLINSKA INSTITUTE
STRUCTURAL AND FUNCTIONAL ADAPTATION IN A VISUAL SYSTEM
ENDEAVOUR V26 N9R PP70-84 MAY 1967
BY BERNHARD C G
DAR ACCESS NO.....000683-007
DOC NUMBER.....AD667482
INSTR...AF-EDAR -0009-65
PROJECT/TASK.....9777/01

AFOSR 68-0701
LEHIGH UNIVERSITY
A COMPUTATION OF THE POINTS/GAMMA AND CH FOR THE VALENCE
AND CONDUCTION BANDS OF SODIUM CHLORIDE
PHYSICS LETTERS V29A N7 PP538-540 9 OCTOBER 1967
BY KUMZ A D
DAR ACCESS NO.....027530-001
DOC NUMBER.....AD667511
INSTR...AF-AFOSR-1476-67
PROJECT/TASK.....9761/01

AFOSR 68-0702
UNIVERSITY OF ROCHESTER
MODIFIED INTERIONIC POTENTIAL FOR THE ALKALI METALS
THE PHYSICAL REVIEW V163 N3 PP667-675 15 NOVEMBER 1967
BY SHYU W H
GASPARI G D
DAR ACCESS NO.....000774-002
DOC NUMBER.....AD667487
INSTR...AF-AFOSR-0611-68
PROJECT/TASK.....9777/01

AFOSR 68-0703
HARVARD UNIVERSITY
FROM REVOLUTIONARY TO SCRI-BUREAUCLAT THE REGULARISATION
OF CAIRES
THE CHINA QUARTERLY PP36-60 JAN-MAR 1967
BY VOGEL E F
DAR ACCESS NO.....019140-004
DOC NUMBER.....AD667512
INSTR...AF-49/639/01309
PROJECT/TASK.....9777/01

AFOSR 68-0704
CATHOLIC UNIVERSITY OF CHILE
REINNERVATION OF SMOOTH AND STRIATED MUSCLE BY SENSORY
NERVE FIBERS
JOURNAL OF NEUROPHYSIOLOGY V30 N3 PP620-627 MAY 1967
BY VERA C L
LUCO J V
DAR ACCESS NO.....009492-001
DOC NUMBER.....AD667489
INSTR...AF-AFOSR-0316-65
PROJECT/TASK.....9777/01

AFOSR 68-0705
UNIVERSITY OF WISCONSIN
A GEOMETRIC CRITERION FOR ALGEBRAIC VARIETIES
J MATH MECH V17 N7 PP671-684 JAN 1968
BY NUOIN W
DAR ACCESS NO.....020600-003
DOC NUMBER.....AD667496
INSTR...AF-AFOSR-1160-66
PROJECT/TASK.....9749/02

AFOSR 68-0706
NORTH CAROLINA STATE COLLEGE
STRESS BOUNDARY VALUE PROBLEMS FOR INFINITE WEDGES
BY HARRINGTON W J
TING T W
DAR ACCESS NO.....011592-009
DOC NUMBER.....AD667815
INSTR...AF-AFOSR-0444-66
PROJECT/TASK.....9749/01

AFOSR 68-0707
UNIVERSITY OF CHICAGO
THE PRIMARY COSMIC-RAY ELECTRON ENERGY SPECTRUM FROM 10
40 MEV
THE ASTROPHYSICAL JOURNAL V151 N731-741 FEB 1968
BY FAN C Y
GLOCKLER G
SIMPSON J A
VERNA S D
DAR ACCESS NO.....000625-013
DOC NUMBER.....AD667828
INSTR...AF-49/639/01642
PROJECT/TASK.....9751/04

AFOSR 68-0708
UNIVERSITY OF FLORIDA
THE COPPER-CATALYZED REACTION OF BENZONORBORNADIENE WITH
BENZOYL PEROXIDE AND T-BUTYL PERBENZOATE NUCLEAR MAGNETIC
RESONANCE SPECTRA OF ANTI-7-BENZONORBORNADIENE DERIVATIVES
JOURNAL ORGANIC CHEMISTRY V33 N1 PP324-332 JAN 1968
BY SHENNAH M L
BATTISTE M A
DAR ACCESS NO.....015120-002
DOC NUMBER.....AD667826
INSTR...AF-AFOSR-0738-68
PROJECT/TASK.....9762/02

AFOSR 68-0709
UNIVERSITY OF FLORIDA
DECARBOXYLATION STUDIES IN THE ENDO-AND EXOTRICYCLO
V3.2.1.02.4/OCTEN-8-ONE SERIES STERELECTRONIC
REQUIREMENTS FOR CYCLOPROPYL PARTICIPATION
JOURNAL AMERICAN CHEMICAL V89 N23 PP5964-5965 8 NOV 1967
BY HALTON B
BATTISTE M A
REMBERG R
DAR ACCESS NO.....015121-001
DOC NUMBER.....AD667821
INSTR...AF-AFOSR-0738-67
PROJECT/TASK.....9762/02

AFOSR 68-0710
UNIVERSITY OF FLORIDA
SYNTHESIS AND SOLVOLYTIC REACTIVITY OF ENDO-ANTI-AND ENDO-
SYN-8-TRICYCLO[3.2.1.02.4]OCTANE DERIVATIVES, EXTENSIVE
MONOCINJUGATIVE PARTICIPATION BY A CYCLOPROPANE RING
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N8 PP1954-1955
12 APR 1967
BY BATTISTE M A
DEYRUP C L
PINCOCK H E
FAMMER J H
DAR ACCESS NO.....015121-002
DOC NUMBER.....AD667823
INSTR...AF-AFOSR-0738-67
PROJECT/TASK.....9762/02

AFOSR 68-0711
OREGON STATE UNIVERSITY
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR
V HALOIDE AND ACETATE ION CATALYSIS OF THE SOLVOLYSIS OF
ARYLSULFINYL SULFONES IN ACETIC ACID-WATER
JOURNAL ORGANIC CHEMISTRY V33 N2 PP793-796 FEB 1968
BY KICE J L
GUARALDI G
DAR ACCESS NO.....011821-012
DOC NUMBER.....AD667876
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9762/03

AFOSR 68-0712
UNIVERSITY OF TORONTO
THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL
EQUATIONS FINAL REPORT MARCH 1968
BY MULL T E
DAR ACCESS NO.....009832-001
DOC NUMBER.....AD667878
INSTR...AF-AFOSR-0673-66
PROJECT/TASK.....9749/01

AFOSR 68-0713
UNIVERSITY COLLEGE
THIN ELASTIC PLATES AND SHELLS AND BOUNDARY VALUE PROBLEMS
FINAL REPORT FEB 1968
BY QUINLAN P W
DAR ACCESS NO.....001654-001
DOC NUMBER.....AD667817
INSTR...AF-EDAR -0031-67
PROJECT/TASK.....9749/01

AFOSR 68-0714
THE UNIVERSITY
THE THEORY OF THE PHOTODISINTEGRATION OF THE DEUTERON AND
OTHER NUCLEI
PHYSICAL REVIEW V165 N4 PP1075-1092 JAN 20 1968
BY HELLIT G
WATSON M L
DAR ACCESS NO.....001806-003
DOC NUMBER.....AD667776
INSTR...AF-AFOSR-0344-66
PROJECT/TASK.....9751/02

AFOSR 68-0715
BRANDEIS UNIVERSITY
STRESS-TENSION COMMUTATORS AND SCHWINGER TERMS
JOURNAL OF MATHEMATICAL PHYSICS V8 N7 PP1466-1477
JULY 1967
BY GOLDBERG D
DESER E
DAR ACCESS NO.....005153-011
DOC NUMBER.....AD667861
INSTR...AF-AFOSR-0368-65
PROJECT/TASK.....9751/01

AFOSR 68-0716
UNIVERSITY OF CHICAGO
COSMIC-RAY MUON MONITOR YIELD FUNCTIONS GROSS
TRANSFORMATION AND NUCLEONIC COMPONENT MEAN FREE PATHS
J OF GEOPHYSICAL RESEARCH V73 N1 PP353-360 1 JAN 1968
BY KEITH J E
PETERSON R B
TJONANAN R L
WANG J H
DAR ACCESS NO.....000625-014
DOC NUMBER.....AD668003
INSTR...AF-49/638/01642
PROJECT/TASK.....9751/04

AFOSR 68-0717
STANFORD UNIVERSITY
THERMODYNAMIC PROPERTIES OF BINARY MIXTURES OF N-ALKANES
JOURNAL AMERICAN CHEMICAL SOCIETY V86 N26 PP6822-6829
20 DEC 1967
BY ORRILL R A
FLORY P J
OAR ACCESS NO.....010391-036
DOC NUMBER.....AD668004
INSTR...AF-49/638/01341
PROJECT/TASK.....9760/03

AFOSR 68-0718
STANFORD UNIVERSITY
EQUATION-OF-STATE PARAMETERS FOR NORMAL ALKANES CORRELATION
WITH CHAIN LENGTH
JOURNAL AMERICAN CHEMICAL SOCIETY V86 N26 PP6814-6822
20 DEC 1967
BY ORRILL R A
FLORY P J
OAR ACCESS NO.....010391-037
DOC NUMBER.....AD667862
INSTR...AF-49/638/01341
PROJECT/TASK.....9760/03

AFOSR 68-0719
UNIVERSITY OF NEVADA
ON THE PROBABILITY OF INTERMOLECULAR ENERGY TRANSFER
IN POLAR MOLECULES
CHEMICAL PHYSICS LETTERS V1 N10 PP443-445 DEC 1967
BY SHIN H K
OAR ACCESS NO.....023930-001
DOC NUMBER.....AD667860
INSTR...AF-AFOSR-1354-68
PROJECT/TASK.....9760/02

AFOSR 68-0720
UNIVERSITY OF MASSACHUSETTS
A NUCLEAR MAGNETIC RESONANCE INVESTIGATION OF PARAMAGNETIC
RELAXATION IN VISCOUS SOLUTIONS
JOURNAL PHYSICAL CHEMISTRY V72 N2 PP736-738 FEB 1968
BY FRANKEL L S
OAR ACCESS NO.....013611-008
DOC NUMBER.....AD667859
INSTR...AF-AFOSR-0212-65
PROJECT/TASK.....9760/02

AFOSR 68-0721
UNIVERSITY OF CHICAGO
NEW APPROXIMATION FOR THE CALCULATION OF NEUTRON SCATTERING
FROM A SIMPLE LIQUID
THE PHYSICAL REVIEW V185 N1 PP186-194 JAN 1968
BY GLASS L
NICE S A
OAR ACCESS NO.....015061-019
DOC NUMBER.....AD667860
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-0722
UNIVERSITY OF CHICAGO
LONGITUDINAL MAGNETOACOUSTIC EFFECT IN ALUMINUM
THE PHYSICAL REVIEW V155 N3 PP673-681 15 MARCH 1967
BY AUBAUEN H P
OAR ACCESS NO.....013621-001
DOC NUMBER.....AD667860
INSTR...AF-49/638/01653
PROJECT/TASK.....9760/02

AFOSR 68-0723
UNIVERSITY OF CHICAGO
PIEZO-OPTICAL CONSTANTS DEFORMATION POTENTIALS AND THE
ELECTRONIC STRUCTURE OF COPPER
PHYSICAL REVIEW LETTERS V19 N6 PP309-311 7 AUGUST 1967
BY GERNARDT U
BEAGLEHOLE D
SANDORLIK R
OAR ACCESS NO.....013621-002
DOC NUMBER.....AD667867
INSTR...AF-49/638/01653
PROJECT/TASK.....9760/02

AFOSR 68-0724
UNIVERSITY OF CHICAGO
MAGNETOACOUSTIC ATTENUATION OF CIRCULARLY POLARIZED
ULTRASOUND IN Sn AND Sb
THE PHYSICAL REVIEW V151 N2 PP519-538 11 NOVEMBER 1966
BY MILLER H I
OAR ACCESS NO.....013621-003
DOC NUMBER.....AD667863
INSTR...AF-49/638/01653
PROJECT/TASK.....9760/02

AFOSR 68-0725
UNIVERSITY OF COLORADO
MAGNETIC MOMENTS FORM FACTORS AND MASS SPECTRUM OF
BARYONS
PHYSICAL REVIEW LETTERS V20 N4 PP167-171 22 JANUARY 1968
BY HARUT A O
CORRIGAN D
KLEINERT H
OAR ACCESS NO.....013092-001
DOC NUMBER.....AD667670
INSTR...AF-AFOSR-0030-67
PROJECT/TASK.....9751/01

AFOSR 68-0726
KANSAS STATE UNIVERSITY
HEAT TRANSFER UNIMODAL FLOW IN THE ENTRANCE REGION OF A FLAT
DUCT
JOURNAL OF APPLIED MATHEMATICS AND PHYSICS /ZAMP/
V18 N6 PP826-844 1967
BY FAN L T
HWANG C L
KNIEPER P J
HWANG U D
OAR ACCESS NO.....014031-006
DOC NUMBER.....AD667868
INSTR...AF-AFOSR-0483-66
PROJECT/TASK.....9752/01

AFOSR 68-0727
UNIVERSITY OF ILLINOIS
INFORMATION TRANSFER IN COMPLEX SYSTEMS WITH APPLICATIONS
TO REGULATION
TECH REPORT NC 13
BY CONANT W C
OAR ACCESS NO.....012153-005
DOC NUMBER.....AD667812
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9760/04

AFOSR 68-0728
MICE UNIVERSITY
NUCLEOSYNTHESIS DURING SILICON BURNING
PHYSICAL REVIEW LETTERS V20 N6 PP161-164 22 JAN 1968
BY BODANSKY D
CLAYTON D D
FOWLER W A
OAR ACCESS NO.....014081-011
DOC NUMBER.....AD667867
INSTR...AF-AFOSR-0455-65
PROJECT/TASK.....9751/02

AFOSR 68-0729
UNIVERSITY OF NORTH CAROLINA
CHROMOCOLLOIDAL MEASUREMENT OF IODINE/II/ ADSORPTION
FROM THIOCYANATE MEDIUM
JOURNAL ELECTROANALYTICAL CHEMISTRY V16 PP327-333 1968
BY DOOM G W
MURRAY R W
OAR ACCESS NO.....015061-020
DOC NUMBER.....AD667866
INSTR...AF-AFOSR-0584-66
PROJECT/TASK.....9760/01

AFOSR 68-0730
UNIVERSITY OF CHICAGO
STRUCTURED FLUORESCENCE SPECTRUM OF ANTHRACENE VAPOR
JOURNAL OF MOLECULAR SPECTROSCOPY V25 N1 PP117-120 JAN 1968
BY HAEBIG J E
OAR ACCESS NO.....015061-020
DOC NUMBER.....AD667865
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-0731
STANFORD UNIVERSITY
THE DIRICHLET PROBLEM FOR NON-UNIFORMLY ELLIPTIC EQUATIONS
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V73 N3 PP410-
413 MAY 1967
BY TRUDINGER N S
OAR ACCESS NO.....019230-006
DOC NUMBER.....AD667860
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-0732
POLYTECHNIC INSTITUTE OF BROOKLYN
ON LINEAR UNEQUAL ERROR PROTECTION CODES
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-3 N4 PP600-607
OCTOBER 1967
BY HASNICK H
WOLF J
OAR ACCESS NO.....020310-003
DOC NUMBER.....AD667861
INSTR...AF-49/638/01000
PROJECT/TASK.....9749/01

AFOSR 68-0733
UNIVERSITY OF GLASGOW
BRIDGED RING SYSTEMS--XIII THE SYNTHESIS OF CYCLOHEPTENE
CARBOXYLIC ACIDS
TETRAHEDRON V23 PP4729-4740 1967
BY BUCHANAN G L
CUMMAN A C W
MCCHAE J M
MCCLAY G W
OAR ACCESS NO.....012020-004
DOC NUMBER.....AD667864
INSTR...AF-EOAH -0036-63
PROJECT/TASK.....9767/02

AFOSR 68-0734
JUMPS HOPKINS UNIVERSITY
SIMPLIFIED MOUNTING FOR QUADRUPOLE MASS FILTER MOUNTS
THE REVIEW OF SCIENTIFIC INSTRUMENTS V38 N10 P1532 OCT 1967
BY MUNRO D F
OAR ACCESS NO.....014660-007
DOC NUMBER.....AD667862
INSTR...AF-49/638/01301
PROJECT/TASK.....9760/02

AFOSR 68-0735
UNIVERSITY OF FLORIDA
CIS-AA 8 A 8A-TETRAHYDRO-6 7-DI-BROMOMETHYL/
NAPHTHOQUINONE FROM 2 3-DI-BROMOMETHYL-13-MUTANENE
TETRAHEDRON LETTERS N48 PP4873-4874 1967
BY BUTLER G M
OTTENDRIFT R M
OAR ACCESS NO.....015701-001
DDC NUMBER.....AD667669
INSTR...AF-AFOSR-0817-87
PROJECT/TASK.....9762/07

AFOSR 68-0736
UNIVERSITY OF PITTSBURGH
PHOSPHONIC ACIDS AND ESTERS XIX SYNTHESIS OF SUBSTITUTED
PHENYL-AND ARYLPHOSPHONATES BY THE PHOTINITIATED AXYLATION
OF TRIALKYL PHOSPHITES
JOURNAL OF ORGANIC CHEMISTRY V33 N2 PP632-636 FEB 1968
BY OSNYCKI R
GRIFFIN C E
OAR ACCESS NO.....008881-009
DDC NUMBER.....AD667668
INSTR...AF-AFOSR-0470-84
PROJECT/TASK.....9762/01

AFOSR 68-0737
PENNSYLVANIA STATE UNIVERSITY
IONOSPHERIC RESEARCH FINAL REPORT MARCH 1968
BY HOULT O P
OAR ACCESS NO.....019860-003
DDC NUMBER.....AD669187
INSTR...AF-69/638/01708
PROJECT/TASK.....9767/02

AFOSR 68-0738
GENERAL DYNAMICS CORP
NONLINEAR THEORY OF PLASMA DYNAMICS FINAL REPORT FEB 1968
BY AAMODT W E
BOOK D L
CHANG O B
DRUMMOND W F
FOWLER T K
OAR ACCESS NO.....019331-007
DDC NUMBER.....AD667695
INSTR...AF-49/638/01546
PROJECT/TASK.....9752/01

AFOSR 68-0739
WAYNE STATE UNIVERSITY
MEGACYCLE AND KILMEGACYCLE ULTRASONIC ATTENUATION STUDIES
IN METALS FINAL REPORT MARCH 1968
BY BOHM M V
TEPLEY N
OAR ACCESS NO.....006593-005
DDC NUMBER.....AD630402L
INSTR...AF-AFOSR-0895-66
PROJECT/TASK.....9763/02

AFOSR 68-0740
INNSBRUCK UNIVERSITY
EFFECT OF HIGH CONDUCTIVITY ON TWO-DIMENSIONAL
PLASMA FLOW
SCIENTIFIC REPORT NUMBER 54
BY FALSCH W
OAR ACCESS NO.....013251-011
DDC NUMBER.....AD667814
INSTR...AF-052-87-C-0014
PROJECT/TASK.....9752/01

AFOSR 68-0741
SPERRY RAND RESEARCH CENTER
NONCORRELATION OF ANOMALOUS PLASMA TRANSPORT EQUILIBRIUM
PLASMA DENSITY AND LOW-FREQUENCY POTENTIAL OSCILLATIONS
IN A Q DEVICE
PHYSICS OF FLUIDS V10 N11 PP2442-2454 NOV 1967
BY DECKLE J A JR
FREYHART P J
MCBEE W D
SHEPHERD L T
OAR ACCESS NO.....017440-005
DDC NUMBER.....AD667699
INSTR...AF-49/638/01541
PROJECT/TASK.....9752/01

AFOSR 68-0742
DEFENSE RESEARCH CORP
THE THIN LAYER APPROXIMATION IN HYPERSONIC VISCOUS FLOW
THEORY FINAL REPORT MARCH 1968
BY LAURMANN J A
OAR ACCESS NO.....018230-003
DDC NUMBER.....AD669571
INSTR...AF-49/638/01569
PROJECT/TASK.....9763/01

AFOSR 68-0743
CALIFORNIA INSTITUTE OF TECHNOLOGY
LARGE AMPLITUDE ELECTROTHERMAL WAVES IN A NONEQUILIBRIUM
PLASMA
PHYSICS OF FLUIDS V10 N9 PP1978-1977 SEPT 1967
BY ZUKOSKI E E
GILPIN R H
OAR ACCESS NO.....005882-003
DDC NUMBER.....AD667694
INSTR...AF-49/638/01285
PROJECT/TASK.....9752/01

AFOSR 68-0744
UNIVERSITY OF SOUTHERN CALIFORNIA
AN EXPERIMENTAL STUDY OF HYPERSONIC HAREFIED FL W OVER A
BLUNT BODY
AIAA JOURNAL - AIAA V6 N2 PP364-370 FEB 1968
BY TIRUMALSA D
OAR ACCESS NO.....014052-002
DDC NUMBER.....AD667697
INSTR...AF-AFOSR-0897-87
PROJECT/TASK.....9733/01

AFOSR 68-0745
POLYTECHNIC INSTITUTE OF BROOKLYN
DECODING OF BOSE-CHAUDHURI-MOCCQUENGHEM CODES AND PRONYS
METHOD FOR CURVE FITTING
IEEE TRANSACTIONS ON INFORMATION THEORY V17-13 N4 P608
OCTOBER 1967
BY HOLZ J K
OAR ACCESS NO.....020310-004
DDC NUMBER.....AD667698
INSTR...AF-49/638/01600
PROJECT/TASK.....9749/01

AFOSR 68-0746
CAMBRIDGE UNIVERSITY
GROUP THEORETICAL RELATIONSHIPS BETWEEN BARYON-BARYON
SCATTERING CROSS-SECTIONS
NUOVO CIMENTO SERX V92A PP458-473 21 NOVEMBER 1967
BY KAISER G O
OAR ACCESS NO.....013011-028
DDC NUMBER.....AD667682
INSTR...AF-FOAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 68-0747
CAMBRIDGE UNIVERSITY
RESCATTERING EFFECTS IN THREE-PARTICLE FINAL STATES I - THE
MODEL
NUOVO CIMENTO SERX V91A PP249-271 21 SEPT 1967
BY AITCHISON I J R
OAR ACCESS NO.....013011-029
DDC NUMBER.....AD667683
INSTR...AF-FOAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 68-0748
CAMBRIDGE UNIVERSITY
RESCATTERING EFFECTS IN THREE-PARTICLE FINAL STATES II -
NUMERICAL RESULTS
NUOVO CIMENTO SERX V91A PP272-288 21 SEPTEMBER 1967
BY AITCHISON I J R
OAR ACCESS NO.....013011-030
DDC NUMBER.....AD667688
INSTR...AF-FOAR -0036-65
PROJECT/TASK.....9751/01

AFOSR 68-0749
CORNELL UNIVERSITY
ON THE STRUCTURE OF IONIZATION FRONTS
INTERNATIONAL CONFERENCE PHENOMENA IONIZED GASES VIENNA
AUSTRIA 8 AUG 1967
BY ONG R S B
TURCOTTE D L
OAR ACCESS NO.....001062-013
DDC NUMBER.....AD667700
INSTR...AF-49/638/01346
PROJECT/TASK.....9763/02

AFOSR 68-0750
UNIVERSITY OF TEXAS AT AUSTIN
SOME ASPECTS OF CYLINDRICAL SHELL PANEL FLUTTER
AIAA JOURNAL V6 N1 PP37-43 JAN 1968
BY CARTER L L
STEARMAN R O
OAR ACCESS NO.....021140-002
DDC NUMBER.....AD668218
INSTR...AF-49/638/01639
PROJECT/TASK.....9762/01

AFOSR 68-0751
OHIO STATE UNIVERSITY
THE DISASTER RESEARCH CENTER SIMULATION STUDIES OF
UNDER STRESS FINAL REPORT FEB 1967
BY QUANATELLI E L
OAR ACCESS NO.....019162-001
DDC NUMBER.....AD669818
INSTR...AF-AFOSR-0572-66
PROJECT/TASK.....9779/01

AFOSR 68-0752
HARVARD UNIVERSITY
EMERGENT LEADERS IN DEVELOPING NATIONS FINAL REPORT APRIL
1968
BY LIPSET S M
OAR ACCESS NO.....022790-001
DDC NUMBER.....AD668807
INSTR...AF-AFOSR-1205-87
PROJECT/TASK.....9779/02

AFOSR 68-0753
NORTHWESTERN UNIVERSITY
PARAMETRIC RESONANCE OF ONE-DIMENSIONAL STRUCTURES
SUBJECTED TO PERIODIC IMPACTS
TECHNICAL REPORT NO 68-1 STRUCTURAL MECHANICS LABORATORY
BY KRAJCINOVIC D P
HERRMANN G
OAR ACCESS NO.....012245-001
DDC NUMBER.....AD670566
INSTR...AF-AFOSR-0100-67
PROJECT/TASK.....9762/01

AFOSR 68-0754
UNIVERSITY OF FLORIDA
SLIT FUNCTION EFFECTS IN ATOMIC SPECTROSCOPY
SPECTROCHIMICA ACTA V23B PP277-289 1968
BY DE GALAN L
WINEFORDNER J D
OAR ACCESS NO.....020431-010
DDC NUMBER.....AD668221
INSTR...AF-AFOSR-1035-87
PROJECT/TASK.....9710/03

AFOSR 68-0754
UNIVERSITY OF FLORIDA
SLIT FUNCTION EFFECTS IN ATOMIC SPECTROSCOPY
SPECTROCHIMICA ACTA V23N PP277-289 1968
BY DE GALAN L
WINEFORDNER J D
OAR ACCESS NO.....020431-011
DOC NUMBER.....AD668271
INSTR...AF-AFOSR-1C33-67
PROJECT/TASK.....9710/03

AFOSR 68-0755
STATF UNIVERSITY OF NEW YORK
OPTIMUM FILTERING AND CONTROL OF RANDOMLY SAMPLED
SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 NS PP337-346
OCT 1967
BY CHANG S S L
OAR ACCESS NO.....014301-00P
DOC NUMBER.....AD668274
INSTR...AF-AFOSR-0542-67
PROJECT/TASK.....9749/01

AFOSR 68-0757
HARVARD UNIVERSITY
CONDITIONS FOR THE VALIDITY OF SUM RULES
PHYSICAL REVIEW LETTERS V20 N6
PP306-308 5 FEB 1968
BY PENRIN R
OAR ACCESS NO.....004801-055
DOC NUMBER.....AD668210
INSTR...AF-49/638/01340
PROJECT/TASK.....9751/01

AFOSR 68-0758
UNIVERSITY COLLEGE
RADIO PULSES FROM EXTENSIVE AIR SHOWERS AT 570MHZ
NATURE V217 NS127 PP440-441 3 FEB 1968
BY FEGAN D J
SLEVIN P J
OAR ACCESS NO.....013501-001
DOC NUMBER.....AD668208
INSTR...AF-EDAH-0027-67
PROJECT/TASK.....9751/04

AFOSR 68-0759
PHYSICAL RESEARCH LABS
SHORT-PERIOD VARIATIONS OF COSMIC-RAY INTENSITY
PHYSICAL REVIEW LETTERS V19 NS
PP252-254 31 JULY 1967
BY DHANJU M S
SABABHAI V A
OAR ACCESS NO.....011801-001
DOC NUMBER.....AD668227
INSTR...AF-AFOSR-0004-65
PROJECT/TASK.....9774/02

AFOSR 68-0760
BOSTON UNIVERSITY
SCHWINGER TERMS FROM LOCAL CURRENTS
NUOVO CIMENTO V52A SER X PP1341-1344 21 DEC 1967
BY MILLMAN B S
NOMAN P
OAR ACCESS NO.....011302-018
DOC NUMBER.....AD668227
INSTR...AF-AFOSR-0385-05
PROJECT/TASK.....9751/01

AFOSR 68-0762
COLUMBIA UNIVERSITY
THE FLUID TRANSPARATION ARC AS A RADIATION SOURCE FOR SOLAR
SIMULATION
P-4/312
BY SHEER C
KORMAN S
OAR ACCESS NO.....011402-006
DOC NUMBER.....AD668241
INSTR...AF-49/638/01305
PROJECT/TASK.....9783/02

AFOSR 68-0763
CARNEGIE-MELLON UNIVERSITY
STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING
LARGE CAPACITY CORE STORAGE AND TSS/360
BY FIKES R F
LAUER M C
VAREHA A L JR
OAR ACCESS NO.....022900-031
DOC NUMBER.....AD668078
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 68-0764
UNIVERSITY OF CALIFORNIA
ON SUBALGEBRAS WHICH SURVIVE CONTRACTION
COMMUN MATH PHYS V7 N2 PP150-163 1968
BY DOMOKOS G
TINDLE G L
OAR ACCESS NO.....005134-024
DOC NUMBER.....AD668042
INSTR...AF-AFOSR-0232-86
PROJECT/TASK.....9767/04

AFOSR 68-0765
BUNKER RANE CORP
PHENICATION - TYPING A PILOT STUDY IN SEMANTIC ANALYSIS
LANGUAGE /SUPPLEMENT/ V43 N2 PT II JUNE 1967
BY GARVIN P L
BREWER J
MATHIEY M
OAR ACCESS NO.....010791-003
DOC NUMBER.....AD668307
INSTR...AF-49/638/01516
PROJECT/TASK.....9769/05

AFOSR 68-0766
INDIANA UNIVERSITY
AN INVESTIGATION OF THE ANALYTIC PROPERTIES OF SOLUTIONS TO
THE GENERALIZED AXIALLY SYMMETRIC REDUCED WAVE EQUATION IN
N PLUS 1 VARIABLES WITH AN APPLICATION TO THE THEORY OF
SIAM J APPL MATH V10 N1 PP30-80 1968
BY GILBERT R P
OAR ACCESS NO.....022470-004
DOC NUMBER.....AD668225
INSTR...AF-AFOSR-1206-67
PROJECT/TASK.....9749/01

AFOSR 68-0767
MRCO UNIVERSITY
STABILITY THEORY FOR CHOINARY DIFFERENTIAL EQUATIONS
JOURNAL OF DIFFERENTIAL EQUATIONS V4 N1 PP57-65 JAN 1968
BY LASALLE J P
OAR ACCESS NO.....019893-004
DOC NUMBER.....AD668283
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 68-0768
BROOK UNIVERSITY
A REMARK ON THE BANG-BANG PRINCIPLE FOR LINEAR CONTROL
SYSTEMS IN INFINITE-DIMENSIONAL SPACE
SIAM J CONTROL V6 N1 PP109-113 1968
BY FATTORINI M O
OAR ACCESS NO.....019593-005
DOC NUMBER.....AD668281
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 68-0769
UNIVERSITY OF FLORIDA
ON THE LEFT-HANDED RIGHT-HANDED AND TWO-SIDED PRIMES
JOURNAL OF NATURAL SCIENCES AND MATHEMATICS V7 N1 PP55-99
APRIL 1967
BY CHAYLA L W
WATFIELD J E
MURFEE A
OAR ACCESS NO.....014721-002
DOC NUMBER.....AD668310
INSTR...AF-AFOSR-0472-65
PROJECT/TASK.....9749/01

AFOSR 68-0770
UNIVERSITY OF CALIFORNIA
NON-EXISTENCE OF SNAP-TROUGH FOR CLAMPED SHALLOW ELASTIC
ARCHES SUBJECTED TO IMPULSIVE LOADING
BY VAHIDI D
OAR ACCESS NO.....022780-009
DOC NUMBER.....AD670177
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9782/01

AFOSR 68-0771
STANFORD RESEARCH INSTITUTE
RESPONSE OF A BURNING PROPELLANT SURFACE TO EXCISIVE
TRANSIENTS FINAL REPORT 1968
BY MARKMAN G A
WOOLDRIDGE C E
CAPENER E L
OAR ACCESS NO.....005293-008
DOC NUMBER.....AD670525
INSTR...AF-49/638/01065
PROJECT/TASK.....9713/01

AFOSR 68-0773
UNIVERSITY OF ILLINOIS
AN AUTOMATIC STOCHASTIC PREDICTOR
RCL DEPT NO B 2
BY STINAFF R D
OAR ACCESS NO.....012157-006
DOC NUMBER.....AD668555
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 68-0774
UNIVERSITY OF ILLINOIS
RHEOLOGICAL PRINCIPLES OF INFORMATION STORAGE AND
RETRIEVAL
ELECTRONIC HANDLING OF INFORMATION TESTING AND EVALUATION
ACADEMIC PRESS LONDON PP121-147 1967
BY FOERSTER H V
OAR ACCESS NO.....012153-007
DOC NUMBER.....AD668244
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 68-0775
UNIVERSITY OF ILLINOIS
ANALYSIS OF MUSICAL INSTRUMENT TONES
THE JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA V41 N4
PP793-806 APRIL 1967
BY FREEDMAN M D
OAR ACCESS NO.....012152-003
DOC NUMBER.....AD668309
INSTR...AF-AFOSR-0007-66
PROJECT/TASK.....9769/04

AFOSR 68-0776
UNIVERSITY OF ILLINOIS
A DIGITAL COMPUTER FOR THE ELECTRONIC MUSIC STUDIO
JOURNAL OF THE AUDIO ENGINEERING SOCIETY V15 N1
JANUARY 1967
BY FREEDMAN M D
OAR ACCESS NO.....012152-004
DOC NUMBER.....AD668308
INSTR...AF-AFOSR-0007-66
PROJECT/TASK.....9769/04

AFOSR 68-0778
UNIVERSITY OF SOUTHERN CALIFORNIA
PHYSICAL ADSORPTION--A TOOL IN THE STUDY OF THE FRONTIERS
OF MATTER
JOURNAL CHEMICAL EDUCATION V44 N12 PP710-716 DEC 1967
BY ADAMSON A W
OAR ACCESS NO.....020710-001
ODC NUMBER.....AD068312
INSTR...AF-AFOSR-1097-66
PROJECT/TASK.....9760/02

AFOSR 68-0779
CAMBRIDGE UNIVERSITY
COMPLEX ANGULAR MOMENTUM AND INFINITE MULTIPLICITY SUMS
PHYSICAL REVIEW V161 N5 PP1401-1410 25 SEPT 1967
BY DRUMMOND I Y
WINDIG G A
OAR ACCESS NO.....013011-031
ODC NUMBER.....AD068313
INSTR...AF-EDAR-0036-65
PROJECT/TASK.....9751/01

AFOSR 68-0781
SOC OF PHOTOGRAPHIC SCIENTISTS & ENGRS
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 2
PP57-126 MAR-APR 1967 FINAL REPORT MARCH 1968
BY LUVALLE J E
OAR ACCESS NO.....021120-001
ODC NUMBER.....AD068302
INSTR...AF-49/638/01713
PROJECT/TASK.....9760/02

AFOSR 68-0782
SOC OF PHOTOGRAPHIC SCIENTISTS & ENGRS
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 3
PP129-220 MAY-JUN 1967
BY LUVALLE J E
OAR ACCESS NO.....021120-002
ODC NUMBER.....AD068303
INSTR...AF-49/638/01713
PROJECT/TASK.....9760/02

AFOSR 68-0783
SOC OF PHOTOGRAPHIC SCIENTISTS & ENGRS
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER
4 PP271-294 JUL-AUG 1967 FINAL REPORT MARCH 1968
BY LUVALLE J E
OAR ACCESS NO.....021120-003
ODC NUMBER.....AD068304
INSTR...AF-49/638/01713
PROJECT/TASK.....9760/02

AFOSR 68-0784
SOC OF PHOTOGRAPHIC SCIENTISTS & ENGRS
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 12 NUMBER 1
PP1-64 JAN-FEB 1968
BY LUVALLE J E
OAR ACCESS NO.....021120-004
ODC NUMBER.....AD068297
INSTR...AF-49/638/01713
PROJECT/TASK.....9760/02

AFOSR 68-0785
UNIVERSITY OF CHICAGO
CONJECTURE CONCERNING AN ASYMPTOTIC MODIFICATION OF THE
VON-NEUMANN-GREEN EQUATION FOR FLUIDS OF RIGID SPHERES AND
DISKS
THE JOURNAL CHEMICAL PHYSICS V47 N12 PP5061-5067 15 DEC
1967
BY YOUNG D A
RICE S A
OAR ACCESS NO.....015081-021
ODC NUMBER.....AD068048
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-0786
OHIO STATE UNIVERSITY
SOLDERLESS THERMAL CONNECTOR FOR USE AT LOW TEMPERATURES
THE REVIEW OF SCIENTIFIC INSTRUMENTS VOL38 NO8 PP1177-1178
AUG 1967
BY HUUGHTON M I
CRUTAKER A M
SAMPINSKI M J
OAR ACCESS NO.....021170-003
ODC NUMBER.....AD068046
INSTR...AF-AFOSR-1051-68
PROJECT/TASK.....9763/02

AFOSR 68-0787
BOSTON UNIVERSITY
DIRECT SPIN-PHONON INTERACTION IN SOLID HELIUM THREE
PHYSICAL REVIEW LETTERS V20 N4
PP371-374 19 FEBRUARY 1968
BY SENGHAPAN M
ZIMMERMAN G C
OAR ACCESS NO.....022110-001
ODC NUMBER.....AD068317
INSTR...AF-AFOSR-1117-66
PROJECT/TASK.....9763/02

AFOSR 68-0788
UNIVERSITY OF ILLINOIS
DERIVATION PATHS ON THE HOMOMORPHIC FUNCTIONS
FUNCTIONAL EVALUATION V10 N3 PP225-227 DECEMBER 1967
BY RUBEL L A
OAR ACCESS NO.....014070-010
ODC NUMBER.....AD068311
INSTR...AF-AFOSR-0460-63
PROJECT/TASK.....9749/02

AFOSR 68-0789
UNIVERSITY OF ILLINOIS
HOMOMORPHIC MEAN AUTOMORPHIC FUNCTIONS
INVENTIONES MATHEMATICAE V4 PP294-298 1967
BY RUBEL L A
SMILOD A L
OAR ACCESS NO.....014080-011
ODC NUMBER.....AD068314
INSTR...AF-AFOSR-0460-63
PROJECT/TASK.....9749/02

AFOSR 68-0790
UNIVERSITY OF TORONTO
RECOMBINATION OF BR ATOMS BY FLASH PHOTOLYSIS OVER A WIDE
TEMPERATURE RANGE
DISCUSSIONS OF THE FARADAY SOCIETY N44 PP241-251 1967
BY IP J K K
DUMMS G
OAR ACCESS NO.....014441-002
ODC NUMBER.....AD068261
INSTR...AF-AFOSR-0506-66
PROJECT/TASK.....9760/02

AFOSR 68-0791
UNIVERSITY COLLEGE
DIRECTED EMISSION MODEL FOR QUASARS
NATURE V217 N5126 PP329-331 27 JAN 1968
BY MONTER N A
OAR ACCESS NO.....013501-002
ODC NUMBER.....AD068211
INSTR...AF-EDAR-0027-67
PROJECT/TASK.....9751/04

AFOSR 68-0792
CATHOLIC UNIVERSITY OF AMERICA
EXCITED STATES WITH COLLECTIVE PROPERTIES IN LIGHT NUCLEI
FINAL REPORT APRIL 1968
BY WEHNTZ C W
OAR ACCESS NO.....000909-003
ODC NUMBER.....AD068243L
INSTR...AF-AFOSR-0506-66
PROJECT/TASK.....9751/02

AFOSR 68-0793
TEMPLE UNIVERSITY
TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL
NORMAL VARIABLES II
INST OF STATISTICS MIMO SERIES NO 557
BY JOHNSON N L
KOTZ S
OAR ACCESS NO.....024100-001
ODC NUMBER.....AD068211
INSTR...AF-AFOSR-1411-68
PROJECT/TASK.....9769/06

AFOSR 68-0794
NEW YORK UNIVERSITY
LANGUAGES AUTOMATA AND CLASSES OF CHAIN-ENCODED PATTERNS
TECH REPT 400-165
BY FEDER J
OAR ACCESS NO.....010114-005
ODC NUMBER.....AD068081
INSTR...AF-AFOSR-0024-66
PROJECT/TASK.....9769/02

AFOSR 68-0795
CARNEGIE-MELLON UNIVERSITY
A METHODOLOGY FOR EVALUATING TIME-SHARED COMPUTER SYSTEM
USAGE
BY GOLD M M
OAR ACCESS NO.....022900-032
ODC NUMBER.....AD068084
INSTR...SD-146
PROJECT/TASK.....9710/00

AFOSR 68-0796
INSTITUTE FOR FORMAL STUDIES
COMPUTABLE SEMANTIC DERIVATIONS /AND THEIR APPLICATION TO
NATURAL LANGUAGE TEXTS/
BY WILKS Y
OAR ACCESS NO.....025430-002
ODC NUMBER.....AD068556
INSTR...F40620-67-C-0046
PROJECT/TASK.....9769/05

AFOSR 68-0797
WEIZMAN INSTITUTE OF SCIENCE
MECHANOCHEMISTRY OF COUPLED CONTRACTILE AND CHEMICAL RATE
PROCESSES FINAL REPORT DEC 1967
BY KATCHALSKY A
OAR ACCESS NO.....010482-003
ODC NUMBER.....AD068557
INSTR...AF-61/052/00919
PROJECT/TASK.....9777/01

AFOSR 68-0798
UNIVERSITE D ALX/MARSEILLE
ENTROPY OF TURBULENT GAS MACROSCOPIC AND TURBULENT PARTS
BOUNDARY-LAYER EXPRESSIONS FOR CELERITIES OF FILTERED
FLUCTUATIONS FIRST MEASUREMENTS FOR TEMPERATURE
BY FAYHE A
DUMAS R
VEROLLET E
OAR ACCESS NO.....016871-001
ODC NUMBER.....AD068083
INSTR...F61052-67-C-0025
PROJECT/TASK.....9781/02

AFOSR 68-0800
NORTHWESTERN UNIVERSITY
ELECTRICAL RESISTIVITY OF NiAl NIGAL AND COGA
JOURNAL OF APPLIED PHYSICS V39 PP231-237 JANUARY 1968
BY YAMAGUCHI Y
KEENY D A
ADRI Y
BRITTAIN J D
OAR ACCESS NO.....014050-003
DOC NUMBER.....AD666318
INSTR...AF-AFOSR-0466-64
PROJECT/TASK.....9763/02

AFOSR 68-0801
BRISTOL UNIVERSITY
POLYFLUORACETONE COMPLEXES OF TRANSITION METALS
JOURNAL OF THE CHEMICAL SOCIETY PART A PP167-169 1968
BY CLARKE B
GREEN M
USBOHN R B L
STONE F G A
OAR ACCESS NO.....015260-005
DOC NUMBER.....AD666564
INSTR...AF-61/082/00647
PROJECT/TASK.....9710/02

AFOSR 68-0802
UNIVERSITY OF PITTSBURGH
SIMULTANEOUS PARALLEL PUMPING OF NUCLEAR AND ELECTRONIC
SPIN WAVES
PHYSICAL REVIEW V165 N2 PP735-750 10 JANUARY 1969
BY NINIO F
KEFFER F
OAR ACCESS NO.....003173-008
DOC NUMBER.....AD666422
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/03

AFOSR 68-0803
UNIVERSITY OF ROCHESTER
INFLUENCE OF WEAK SOLVENT-SOLUTE INTERACTIONS ON
RADIATIONLESS TRANSITION PROBABILITIES
JOURNAL OF CHEMICAL PHYSICS V47 N12 PP3446-3448 15
DECEMBER 1967
BY DEXTER D L
FOULER W B
OAR ACCESS NO.....002784-003
DOC NUMBER.....AD666597
INSTR...AF-AFOSR-0611-67
PROJECT/TASK.....9761/01

AFOSR 68-0804
UNIVERSITY OF PITTSBURGH
S-D MODEL WITH NONSPHERICAL FENMI SURFACE
THE PHYSICAL REVIEW V166 N3 PP679-702 15 FEBRUARY 1968
BY SILVA P R P
OAR ACCESS NO.....003173-009
DOC NUMBER.....AD666424
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/03

AFOSR 68-0805
UNIVERSITY OF CHICAGO
MOBILITY OF ELECTRONS IN COMPENSATED SEMICONDUCTORS II
THEORY
THE PHYSICAL REVIEW V164 N3 PP1025-1032 15 DECEMBER 1967
BY FALICOV L M
CUEVAS M
OAR ACCESS NO.....013621-004
DOC NUMBER.....AD666578
INSTR...AF-49/630/01653
PROJECT/TASK.....9763/02

AFOSR 68-0806
CLARKSON COLLEGE OF TECHNOLOGY
EFFECT OF HEAT TREATMENT ON THE RESISTIVITY OF BETA-BRASS
JOURNAL OF APPLIED PHYSICS V39 N1 PP339-340 JANUARY 1968
BY MARKCON J K
MARTIN H C
OAR ACCESS NO.....011131-005
DOC NUMBER.....AD666606
INSTR...AF-AFOSR-0794-65
PROJECT/TASK.....9763/01

AFOSR 68-0807
UNIVERSITY OF CHICAGO
MOBILITY OF ELECTRONS IN COMPENSATED SEMICONDUCTORS I
EXPERIMENT
THE PHYSICAL REVIEW V164 N3 PP1021-1024 15 DEC 1967
BY CUEVAS M
OAR ACCESS NO.....013621-005
DOC NUMBER.....AD666577
INSTR...AF-49/630/01653
PROJECT/TASK.....9763/02

AFOSR 68-0808
BROWN UNIVERSITY
ALTERNATIVE PROBLEMS FOR NONLINEAR FUNCTIONAL EQUATIONS
JOURNAL OF DIFFERENTIAL EQUATIONS V4 N1 PP40-56 JANUARY
1968
BY GANCROFT S
HALE J K
SWEET D
OAR ACCESS NO.....019593-006
DOC NUMBER.....AD666596
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 68-0809
UNIVERSITY OF SHEFFIELD
METABOLISM OF C SUB I COMPOUNDS BY MICROORGANISMS
BY QUAYLE J R
OAR ACCESS NO.....000843-006
DOC NUMBER.....AD666463
INSTR...AF-EDAR -0008-64
PROJECT/TASK.....9777/01

AFOSR 68-0810
KAROLINSKA INSTITUTET
DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE
BODY
BY VON EULEN U S
OAR ACCESS NO.....008729-004
DOC NUMBER.....AD666481
INSTR...AF-EDAR -0018-67
PROJECT/TASK.....9777/01

AFOSR 68-0811
GOTEBORGS UNIVERSITET
INTRANSMEMBRANAL MECHANISMS FOR INFORMATION STORAGE FINAL
REPORT MARCH 1968
BY HYDEN M
OAR ACCESS NO.....004299-001
DOC NUMBER.....AD666463
INSTR...AF-EDAR -0035-67
PROJECT/TASK.....9777/01

AFOSR 68-0812
UNIVERSITY OF EDINBURGH
RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE
BACKGROUND FINAL REPORT DE
BY PICKFORD L M
OAR ACCESS NO.....008961-003
DOC NUMBER.....AD666476
INSTR...AF-EDAR -0017-65
PROJECT/TASK.....9777/01

AFOSR 68-0813
UNIVERSITY OF EDINBURGH
AN EXAMINATION OF CERTAIN FACTORS WHICH MIGHT ON DD AFFECT
THE VASCULAR RESPONSE TO OXYTOCIN
JOURNAL OF PHYSIOLOGY V193 PP847-869 1967
BY LLOYD S
PICKFORD M
OAR ACCESS NO.....008961-004
DOC NUMBER.....AD666480
INSTR...AF-EDAR -0017-65
PROJECT/TASK.....9777/01

AFOSR 68-0814
UNIVERSITY OF SOUTHERN CALIFORNIA
ON THE CONTROL OF STOCHASTIC SYSTEMS
INTERM J CONTROL V6 N2 PP179-188 1967
BY SWORDER D D
OAR ACCESS NO.....019740-006
DOC NUMBER.....AD666502
INSTR...AF-AFOSR-1029-66
PROJECT/TASK.....9749/01

AFOSR 68-0815
NORTH CAROLINA STATE UNIVERSITY
THE STRESS INTENSITY FACTOR FOR A GRIFFITH CRACK IN AN
ELASTIC BODY IN WHICH BODY FORCES ARE ACTING
INTERNATIONAL JOURNAL OF FRACTURE MECHANICS V3 N4 PP317-330
DECEMBER 1967
BY SHEDDEN E M
TWEED J
OAR ACCESS NO.....011593-001
DOC NUMBER.....AD666571
INSTR...AF-AFOSR-0444-66
PROJECT/TASK.....9749/01

AFOSR 68-0816
NORTH CAROLINA STATE UNIVERSITY
ON THE FLEXURE OF AN INFINITE ELASTIC PLATE CONTAINING A
LARGE UNSTRESSED CIRCULAR HOLE
SIAM J APPL MATH V16 N1 PP100-125 1968
BY BURNISTON E E
OAR ACCESS NO.....011593-002
DOC NUMBER.....AD666571
INSTR...AF-AFOSR-0444-66
PROJECT/TASK.....9749/01

AFOSR 68-0817
TECHNION RSCH & DEVELOPMENT FOUNDATION
NON-BINARY SWITCHING THEORY
BY YOELI M
OAR ACCESS NO.....011871-001
DOC NUMBER.....AD666486
INSTR...AF-EDAR -0021-67
PROJECT/TASK.....9749/01

AFOSR 68-0818
UNIVERSITY OF WASHINGTON
THE FORTRAN DEDUCTIVE SYSTEM
68-1-01
BY QUINLAN J R
MUNT E B
OAR ACCESS NO.....027820-005
DOC NUMBER.....AD666416
INSTR...AF-AFOSR-1311-67
PROJECT/TASK.....9778/01

AFOSR 68-0819
UNIVERSITY OF WASHINGTON
ESTIMATION OF THE NUMBER OF HYPOTHESES IN A CONCEPT
LEARNING TASK
PSYCHONOMIC SCIENCE V9 N6 PP311-312 1967
BY WELLS M
FOREST J
OAR ACCESS NO.....027820-001
DOC NUMBER.....AD666419
INSTR...AF-AFOSR-1311-67
PROJECT/TASK.....9778/01

AFOSR 68-0820
UNIVERSITY OF PITTSBURGH
BAND STRUCTURE OF BISMUTH PSEUDOPOTENTIAL APPROACH
PHYSICAL REVIEW V160 N3 PP663-681 15 FEBRUARY 1968
BY GOLIN S
OAM ACCESS NO.....001173-010
DOC NUMBER.....AD66416
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/02

AFOSR 68-0821
UNIVERSITY OF VIRGINIA
SUPERCONDUCTIVE CURRENT IN A SUPERCONDUCTOR-NORMAL METAL
SUPERCONDUCTION JUNCTION
PHYSICA STATUS SOLI 171 V25 PP465-66 1968
BY YEH R H T
WCHCTFI H
OAM ACCESS NO.....022120-006
DOC NUMBER.....AD66858
INSTR...AF-AFOSR-1131-66
PROJECT/TASK.....9763/02

AFOSR 68-0822
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
VERY LOW FREQUENCY INTEGRATING VIBRATING SAMPLE
MAGNETOMETER /VLFVSM/ WITH HIGH DIFFERENTIAL SENSITIVITY
IN HIGH DC FIELDS
THE REVIEW OF SCIENTIFIC INSTRUMENTS V39 N2 PP171-179
FEBRUARY 1968
BY FONER S
MCNEIFF F J JR
OAM ACCESS NO.....007412-058
DOC NUMBER.....AD66737
INSTR...AF-AFOSR-07-C-0067
PROJECT/TASK.....9764/01

AFOSR 68-0823
UNIVERSITY OF GEORGIA
THE LARGE AND SMALL OF LEARNING
CONFIRMATION PSYCHOLOGY V13 N1 PP10-12 JANUARY 1968
BY HALL J F
OAM ACCESS NO.....022060-004
DOC NUMBER.....AD666710
INSTR...AF-AFOSR-1099-66
PROJECT/TASK.....9776/01

AFOSR 68-0824
UNIVERSITY OF GEORGIA
ON THE SIGNIFICANT LAW RELATING ASSOCIATION VALUE /ALPHA/
AND SCALED MEANINGFULNESS /M PRIME/
PERCEPTUAL AND MOTOR SKILLS V26 PP375-386 1968
BY NUNLE C R
SUTKER M H
JONES M H
OAM ACCESS NO.....022060-003
DOC NUMBER.....AD667104
INSTR...AF-AFOSR-1099-66
PROJECT/TASK.....9774/01

AFOSR 68-0825
UNIVERSITY OF WASHINGTON
A FORMAL REDUCTIVE PROBLEM-SOLVING SYSTEM
NA-1-01
BY QUINLAN J H
MUNT E H
OAM ACCESS NO.....027120-006
DOC NUMBER.....AD67017
INSTR...AF-AFOSR-1311-67
PROJECT/TASK.....9778/01

AFOSR 68-0826
UNIVERSITY OF KENTUCKY RSCH FOUNDATION
DYNAMIC TEMPERATURE MEASUREMENT DURING AFIAL IMPACT OF
ANNEALED ALUMINUM TUBES
BY TAYLOR B T JR
OAM ACCESS NO.....008774-003
DOC NUMBER.....AD670171
INSTR...AF-AFOSR-01646
PROJECT/TASK.....9782/01

AFOSR 68-0827
UNIVERSITY OF KENTUCKY RSCH FOUNDATION
DYNAMIC STRAIN CONCENTRATION FACTOR FOR A NOTCH
BY BEAVER D R
OAM ACCESS NO.....008774-004
DOC NUMBER.....AD670172
INSTR...AF-AFOSR-01646
PROJECT/TASK.....9782/01

AFOSR 68-0828
PRINCETON UNIVERSITY
DYNAMICAL PROPERTIES OF TRUNCATED BIRKENHEFERITE
EXPANSIONS
PHYSICS FLUIDS V10 N12 PP2603-2613 DEC 1967
BY UNSZAG S A
HISSENNITZ L H
OAM ACCESS NO.....019810-003
DOC NUMBER.....AD671608
INSTR...AF-AFOSR-01656
PROJECT/TASK.....9791/02

AFOSR 68-0829
COLUMBIA UNIVERSITY
THE PHYSICS AND CHEMISTRY OF GASES AT HIGH TEMPERATURES
FINAL REPORT MARCH 1968
BY RUSCH H
OAM ACCESS NO.....000063-004
DOC NUMBER.....AD673005
INSTR...AF-AFOSR-0330-66
PROJECT/TASK.....9787/01

AFOSR 68-0831
UNIVERSITY OF PITTSBURGH
NUCLEAR SPIN-LATTICE RELAXATION VIA PARAMAGNETIC CENTERS
PHYSICAL REVIEW V160 N2 PP270-291 10 FEBRUARY 1968
BY LOWE I J
TSE O
OAM ACCESS NO.....001173-012
DOC NUMBER.....AD674083
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/02

AFOSR 68-0832
NORTH CAROLINA STATE UNIVERSITY
THE STRESS INTENSITY FACTOR FOR A PENNY-SHAPED CRACK IN AN
ELASTIC BODY UNDER THE ACTION OF SYMMETRIC BODY FORCES
INTERNATIONAL JOURNAL OF FRACTURE MECHANICS V3 N4 PP291-299
DEC 1967
BY SNEEDON I N
TUPCO J
OAM ACCESS NO.....011893-003
DOC NUMBER.....AD668582
INSTR...AF-AFOSR-0444-66
PROJECT/TASK.....9749/01

AFOSR 68-0833
UNIVERSITY OF CALIFORNIA
THE DESIGN AND USE OF AN FM/AM MAGNETOMETRY SYSTEM FOR
MULTICHANNEL RECORDING OF BIOLOGICAL DATA
IEEE TRANSACTIONS ON BIO-MEDICAL ENGINEERING VPM-14 N4
PP230-238 OCTOBER 1967
BY ZUPFEL J M
MAUD R T
HAMEY J
ADEY W R
OAM ACCESS NO.....009320-012
DOC NUMBER.....AD673907
INSTR...AF-AFOSR-0081-61
PROJECT/TASK.....9777/01

AFOSR 68-0834
TEL-AVIV UNIVERSITY
SUPPRESSION OF NEGATIVE CUTS AT T D DUE TO UNIVERSALITY OF
FACTORIZED RESIDUES
PHYSICS LETTERS V265 N2 PP86-90 25 DECEMBER 1967
BY MORWITZ L P
NEEMAN Y
OAM ACCESS NO.....021480-009
DOC NUMBER.....AD668605
INSTR...AF-AFOSR-0039-66
PROJECT/TASK.....9781/01

AFOSR 68-0835
CALIFORNIA INSTITUTE OF TECHNOLOGY
QUENCHING OF EXCITED SINGLET STATES OF AROMATIC
HYDROCARBONS BY CONJUGATED DIENES
THE CHEMISTRY OF IONIZATION AND EXCITATION PP35-42 1967
BY STEPHENSON L M
WHITTEN D G
HAMMOND G S
OAM ACCESS NO.....016080-009
DOC NUMBER.....AD668570
INSTR...AF-AFOSR-01479
PROJECT/TASK.....9762/01

AFOSR 68-0836
UNIVERSITY OF PITTSBURGH
NUCLEAR SPIN-LATTICE RELAXATION IN CALCIUM FLUORIDE CRYSTALS
VIA PARAMAGNETIC CENTERS
PHYSICAL REVIEW V160 N2 PP292-302 10 FEBRUARY 1968
BY TSE O
LOWE I J
OAM ACCESS NO.....003172-028
DOC NUMBER.....AD668607
INSTR...AF-AFOSR-0196-63
PROJECT/TASK.....9763/03

AFOSR 68-0837
SPACE SCIENCES INC
THERMAL ESCAPE FROM PLANETARY ATMOSPHERES IN THE PRESENCE
OF A GRAVITATIONAL FIELD
ASTRONAUTICA ACTA V13 N4 PP327-340 1967
BY ZIERING S
HU P N
OAM ACCESS NO.....012391-003
DOC NUMBER.....AD668614
INSTR...AF-AFOSR-01646
PROJECT/TASK.....9783/01

AFOSR 68-0838
UNIVERSITY OF TEXAS AT AUSTIN
UTILIZATION OF THE LAMBDA FUNCTIONS IN THE ANALYSIS AND
SYNTHESIS OF MONOPULSE ANTENNA DIFFERENCE PATTERNS
IEEE TRANSACTIONS ON ANTENNAS & PROPAGATION VAP-15 N6
PP771-777 NOV 1967
BY POWERS C J
OAM ACCESS NO.....015262-048
DOC NUMBER.....AD668645
INSTR...AF-AFOSR-0746-67
PROJECT/TASK.....9751/08

AFOSR 68-0839
UNIVERSITY OF CALIFORNIA
IDENTIFICATION VIA NON-LINEAR FILTERING
INTER J CONTROL V6 N4 PP449-522 1967
BY KELLY B M
STURBEHD A R
OAM ACCESS NO.....016981-001
DOC NUMBER.....AD668616
INSTR...AF-AFOSR-0649-67
PROJECT/TASK.....9678/01

AFOSR 68-0840
UNIVERSITY OF NORTH CAROLINA
QUANTUM THEORY OF GRAVITY
PHYSICAL REVIEW V160 N6 PP1113-1148 25 AUG 1967
V162 N6 PP-1199-1266 25 OCT 1967
BY DEWITT B S
OAR ACCESS NO.....004874-008
ODC NUMBER.....AD668388
INSTR...AF-AFOSR-0153-68
PROJECT/TASK.....9767/04

AFOSR 68-0841
UNIVERSITY OF CALIFORNIA
MICROINJECTION DYNAMICS
BIOMEDICAL SCIENCE INSTRUMENTATION V4 PP310-320 1968
BY FUNG Y C B
OAR ACCESS NO.....001374-007
ODC NUMBER.....AD668406
INSTR...AF-AFOSR-1186-67
PROJECT/TASK.....9782/01

AFOSR 68-0842
UNIVERSITY OF LEICESTER
METALS IN NON-METALLIC SOLVENTS FINAL REPORT JAN 1968
BY SYMONS M C
OAR ACCESS NO.....010671-004
ODC NUMBER.....AD873502
INSTR...AF-EDAR-0080-68
PROJECT/TASK.....V710/01

AFOSR 68-0843
UNIVERSITA DEGLI STUDI DI GENOVA
VISUAL EVOKED RESPONSES DURING SLEEP IN MAN
ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY
SUPPL 26 PP61-69 1967
BY CORLETTO P
GENTILONE A
ROSADINI A
ROSSI G F
ZATTONI J
OAR ACCESS NO.....005924-011
ODC NUMBER.....AD668878
INSTR...AF-61/052/00901
PROJECT/TASK.....9777/01

AFOSR 68-0845
SPACE SCIENCES INC
UNIFIED SHOCK PROFILE IN A PLASMA
PHYSICS FLUIDS V10 N12 PP2598-2602 DEC 1967
BY GRAD H
HU P H
OAR ACCESS NO.....012391-004
ODC NUMBER.....AD668415
INSTR...AF-49/638/01866
PROJECT/TASK.....9783/01

AFOSR 68-0846
GENERAL DYNAMICS CORP
MOLECULAR BEAM SCATTERING FROM SOLID SURFACES
FUNDAMENTALS OF GAS-SURFACE INTERACTIONS SAN DIEGO CALIF
17-19 DEC 1966 PP370-391 NEW YORK ACADEMIC PRESS 1967
BY SMITH J N JR
SALTSBURG H
OAR ACCESS NO.....000302-006
ODC NUMBER.....AD668569
INSTR...AF-49/638/01435
PROJECT/TASK.....9783/01

AFOSR 68-0847
AERONAUTICAL RSCH ASSOC OF PRINCETON
SOME NUMERICAL SOLUTIONS OF THE ROTATIONAL EULER
EQUATIONS
AIAA JOURNAL V6 NO 2 PP320-325 FEB 68
BY ROSENBAUM H
OAR ACCESS NO.....014332-002
ODC NUMBER.....AD668568
INSTR...AF-49/638/01629
PROJECT/TASK.....9781/01

AFOSR 68-0848
UNIVERSITY OF SYDNEY
COMPRESSION OF A RAREFIED PLASMA BY CONVERGING MAGNETIC
MIRRORS
PHYSICS FLUIDS V10 N9 PP2049-2053 SEPT 1967
BY BIRD G A
OAR ACCESS NO.....00A253-003
ODC NUMBER.....AD668603
INSTR...AF-AFOSR-0915-65
PROJECT/TASK.....9783/02

AFOSR 68-0849
TEMPLE UNIVERSITY
TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL
NORMAL VARIABLES I
INST OF STATISTICS MINFO SERIES NO 543
BY JOHNSON N L
KOTZ S
OAR ACCESS NO.....024180-002
ODC NUMBER.....AD668679
INSTR...AF-AFOSR-1411-68
PROJECT/TASK.....9769/06

AFOSR 68-0850
FLORIDA STATE UNIVERSITY
CALCULATED RAMSAUER-TOWNSEND EFFECT IN ALPHA PARTICLE-ALPHA
PARTICLE COLLISIONS
PHYSICAL REVIEW LETTERS V19 PP1001 N18 30 OCT 1967
BY ALDRIDGE J P
DAVIS R H
OAR ACCESS NO.....005115-005
ODC NUMBER.....AD668409
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0851
FLORIDA STATE UNIVERSITY
SOLUTION OF COUPLED EQUATIONS BY R-MATRIX TECHNIQUES
PHYSICAL REVIEW V160 N6 PP719-729 20 AUG 1967
BY UUTILE P J A
OAR ACCESS NO.....005115-008
ODC NUMBER.....AD668410
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0853
NORTH CAROLINA STATE UNIVERSITY
THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK WHOSE
SURFACES ARE LOADED ASYMMETRICALLY
BY SNEEDON I N
EJIKF B C O
OAR ACCESS NO.....011593-008
ODC NUMBER.....AD668442
INSTR...AF-AFOSR-0444-68
PROJECT/TASK.....9749/01

AFOSR 68-0854
UNIVERSITY OF ILLINOIS
PROPERTIES OF SOLID SOLUTIONS IN METALS FINAL REPORT MARCH
1968
BY VERT C
OAR ACCESS NO.....00NEW23-012
ODC NUMBER.....AD831436
INSTR...AF-AFOSR-0033-68
PROJECT/TASK.....9763/01

AFOSR 68-0855
BATTELLE MEMORIAL INSTITUTE
THEORY OF FERROMAGNETISM IN INSULATORS FINAL REPORT MARCH
1968
BY KENAN R P
OAR ACCESS NO.....016600-004
ODC NUMBER.....AD668458
INSTR...AF-AFOSR-0868-68

AFOSR 68-0856
CARNEGIE-MELLON UNIVERSITY
FORMULA ALGOL MANUAL
BY EARLEY J
OAR ACCESS NO.....022900-033
ODC NUMBER.....AD668454
INSTR...SD-186
PROJECT/TASK.....9718/00

AFOSR 68-0859
STANFORD UNIVERSITY
BOUNDARY PHENOMENA IN MHD GENERATORS
BY EUSTIS R H
MITCHNER H
KRUGER C H
OAR ACCESS NO.....020770-005
ODC NUMBER.....AD668454
INSTR...AF-49/638/01605
PROJECT/TASK.....9752/01

AFOSR 68-0860
UNIVERSITY OF SYDNEY
THE VELOCITY DISTRIBUTION FUNCTION WITHIN A SHOCK WAVE
JOURNAL FLUID MECHANICS V30 PT3 PP479-487 1967
BY BIRD G A
OAR ACCESS NO.....008254-001
ODC NUMBER.....AD674092
INSTR...AF-AFOSR-0915-66
PROJECT/TASK.....9783/02

AFOSR 68-0861
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
ORGANIZATIONAL SIZE COMPLEXITY AND FORMALIZATION
AMERICAN SOCIOLOGICAL REVIEW V32 N6 PP903-912
DECEMBER 1967
BY HALL R H
HAAS J E
JOHNSON N J
OAR ACCESS NO.....003761-002
ODC NUMBER.....AD674030
INSTR...AF-AFOSR-0061-63
PROJECT/TASK.....9779/01

AFOSR 68-0862
UNIVERSITY OF WASHINGTON
FACILITATION OF CONCEPT LEARNING BY A SIMULTANEOUS
CONTRAST PROCEDURE
PSYCHONOMIC SCIENCE V9 N12 PP609-610 1967
BY WELLS H
OAR ACCESS NO.....027820-004
ODC NUMBER.....AD674114
INSTR...AF-AFOSR-1311-67
PROJECT/TASK.....9778/01

AFOSR 68-0863
UNIVERSITY OF CALIFORNIA
SYMMETRY PROPERTIES OF THE NORMAL VIBRATIONS OF A CRYSTAL
REVIEW OF MODERN PHYSICS V40 N1 PP1-37 JANUARY 1968
BY MARADUDIN A A
VOSKO S H
OAR ACCESS NO.....021070-014
ODC NUMBER.....AD674098
INSTR...AF-AFOSR-1080-66
PROJECT/TASK.....9763/01

AFOSR 68-0864
CORNELL UNIVERSITY
PARAMETRIC REPRESENTATIONS OF GAS-SURFACE INTERACTION DATA
AND THE PROBLEM OF SLIP-FLIP JUNCTIONS WITH
ARBITRARY ACCOMMODATION COEFFICIENTS
ENTROPY NIA 0013R-148 NOV-DEC 1967
BY SHEN S F
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0864-08
PROJECT/TASK 0013R-148

AFOSR 68-0865
UNIVERSITY OF SOUTHERN CALIFORNIA
INPUT SELECTION FOR PARAMETER IDENTIFICATION IN DISCRETE
SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-13 NO 1967-500
OCT 1967
BY GAGLIARDI R M
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0865-08
PROJECT/TASK 0013R-148

AFOSR 68-0866
OHIO STATE UNIVERSITY
THEORETICAL STUDY OF THE RESPONSE OF A LARGE SYSTEM TO A
TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH IN ONE DIMENSION
FEB 1968
BY KORRINGA J
SUNG C C
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0866-08
PROJECT/TASK 0013R-148

AFOSR 68-0867
KAROLINSKA INSTITUTET
MECHANISM OF DRUG-INDUCED CATECHOLAMINE RELEASE FROM
ADRENERGIC NERVE GRANULES
CIRCULATION RESEARCH SUPPLEMENT III V20 NO 21 DECEMBER
DECEMBER 1967
BY VON EULER U S
LISNAKO F
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0867-08
PROJECT/TASK 0013R-148

AFOSR 68-0868
UNIVERSITY OF GEORGIA
THE LEARNING OF PSYCHOMOTOR SKILLS
ANNUAL REVIEW OF PSYCHOLOGY ANNUAL REV 18 THE PSYCHOL
CALIFORNIA V19 PP203-250 1968
BY NOBLE C F
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0868-08
PROJECT/TASK 0013R-148

AFOSR 68-0869
HARVARD UNIVERSITY
THE TRANSFORMATION OF THE INDIAN STUDENT MOVEMENT
ASIAN SURVEY V6 NO 0848-000 AUGUST 1967
BY ALTHACH P G
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0869-08
PROJECT/TASK 0013R-148

AFOSR 68-0870
HARVARD UNIVERSITY
A SELECT BIOGRAPHY ON STUDENTS POLITICS AND MENTAL
EDUCATION
OCCASIONAL PAPERS IN INTERNATIONAL AFFAIRS COMMISSION
CENTER FOR INTERNATIONAL AFFAIRS HARVARD UNIVERSITY XIX
SEPTEMBER 1967
BY ALTHACH P
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0870-08
PROJECT/TASK 0013R-148

AFOSR 68-0871
NEW YORK UNIVERSITY
AN ALGORITHM FOR THE SOLUTION OF THE TWO-TWISTING
HIDDEN-LINE PROBLEM
IEEE TRANSACTIONS ON ELECTRONIC COMPUTERS V15 NO 4
NOV-DEC 1967
BY FENCHEM H
LOUTHEL P P
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0871-08
PROJECT/TASK 0013R-148

AFOSR 68-0872
KAROLINSKA INSTITUTET
SOME FACTORS AFFECTING CATECHOLAMINE UPTAKE INTO AND
RELEASE FROM ADRENERGIC NERVE GRANULES
CIRCULATION RESEARCH SUPPLEMENT III V20 NO 21 DECEMBER
DECEMBER 1967
BY VON EULER U S
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0872-08
PROJECT/TASK 0013R-148

AFOSR 68-0873
UNIVERSITY OF MICHIGAN
INTERFERENCE EFFECTS IN THE RESPONSE OF A SYSTEM TO A
RANDOM INPUT
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-13 NO 1967-500
OCT 1967
BY WILSON R J
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0873-08
PROJECT/TASK 0013R-148

AFOSR 68-0874
UNIVERSITY OF SOUTHERN CALIFORNIA
INPUT SELECTION FOR PARAMETER IDENTIFICATION IN DISCRETE
SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-13 NO 1967-500
OCT 1967
BY GAGLIARDI R M
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0874-08
PROJECT/TASK 0013R-148

AFOSR 68-0875
GENERAL POSITION SYSTEMS INC
GENERAL POSITION SYSTEMS INC
HAMILTONIAN SYSTEMS
BY FINE M L
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0875-08
PROJECT/TASK 0013R-148

AFOSR 68-0876
UNIVERSITY OF VIRGINIA
IDENTIFICATION OF THE ORDER OF IDENTIFICATION OF GAS SYSTEM AS A
FUNCTION OF TIME LAG
BY SPITZER M J
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0876-08
PROJECT/TASK 0013R-148

AFOSR 68-0877
UNIVERSITY OF TEXAS AT AUSTIN
SPACE-TIME MODELS OF MATHEMATICAL INTERFERENCE
RADIATION IN A COORDINATE SYSTEM
BY SPITZER M J
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0877-08
PROJECT/TASK 0013R-148

AFOSR 68-0878
UNIVERSITY OF TEXAS AT AUSTIN
A STUDY OF THE EFFECTS OF INTERACTION IN
STATISTICAL AND MATHEMATICAL MODELS
BY SPITZER M J
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0878-08
PROJECT/TASK 0013R-148

AFOSR 68-0879
UNIVERSITY OF SOUTHERN CALIFORNIA
INPUT SELECTION FOR PARAMETER IDENTIFICATION IN DISCRETE
SYSTEMS
BY GAGLIARDI R M
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0879-08
PROJECT/TASK 0013R-148

AFOSR 68-0880
ROYAL UNIVERSITY OF UPPSALA
MASSIVE POSITION MEASUREMENTS IN THE HUMAN FIELD
STATE STATE COMMUNICATIONS RESEARCH V6 NO 1967
BY SPITZER M J
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0880-08
PROJECT/TASK 0013R-148

AFOSR 68-0881
UNIVERSITY OF TEXAS AT AUSTIN
A STUDY OF THE EFFECTS OF INTERACTION IN
STATISTICAL AND MATHEMATICAL MODELS
BY SPITZER M J
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0881-08
PROJECT/TASK 0013R-148

AFOSR 68-0882
UNIVERSITY OF TEXAS AT AUSTIN
A STUDY OF THE EFFECTS OF INTERACTION IN
STATISTICAL AND MATHEMATICAL MODELS
BY SPITZER M J
DAR ACCESS NO. 0013R-148
DOC NUMBER 0013R-148
INSTRUMENT AFOSR-0882-08
PROJECT/TASK 0013R-148

AFOSR 68-0884
UNIVERSITY OF CHICAGO
HIGH-STRESS OPTICAL BIREFRINGENCE IN PURE AND DEGENERATE
H-TYPE GERMANIUM
THE PHYSICAL REVIEW V150 PP740-757 14 OCTOBER 1966
BY FELDMAN A
OAR ACCESS NO.....013620-013
DOC NUMBER.....AD668608
INSTR...AF-AFOSR-0148-03
PROJECT/TASK.....9763/02

AFOSR 68-0885
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SPIN WAVE SIDE BANDS OF LOCALIZED EXCITONS
LOCALIZED EXCITATIONS IN SOLIDS R F WALLIS ED /PLENUM PRESS
NEW YORK PP370-385 1968
BY NISETICH A
L FETZ R E
GUGGENHEIM M J
OAR ACCESS NO.....007912-050
DOC NUMBER.....AD668565
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-0886
UNIVERSITY OF CHICAGO
PROTONS ASSOCIATED WITH CENTERS OF SOLAR ACTIVITY AND THEIR
PROPAGATION IN INTERPLANETARY MAGNETIC FIELD REGIONS
COROTATING WITH THE SUN
J OF GEOPHYSICAL RESEARCH SPACE PHYSICS V73 NS PP1555-1582
1 MAR 1968
BY FAN C Y
PICK M
PYLE R
SIMPSON J A
SMITH D R
OAR ACCESS NO.....006628-015
DOC NUMBER.....AD668563
INSTR...AF-69/638/01642
PROJECT/TASK.....9761/04

AFOSR 68-0887
STANFORD UNIVERSITY
A QUANTUMLESS TIME-VARIABLE SYNTHESIS SUITABLE FOR
INTEGRATED CIRCUITS
MICROELECTRONICS AND RELIABILITY V7 PP45-52 1968
BY NEWCOMB R W
OAR ACCESS NO.....011062-003
DOC NUMBER.....AD668601
INSTR...F44620-67-C-0001
PROJECT/TASK.....9749/01

AFOSR 68-0888
BRISTOL UNIVERSITY
PERFLUOROALKYL COMPLEXES OF PALLADIUM AND PLATINUM
JOURNAL CHEMICAL SOCIETY SECT A PP164-167 1968
BY ROSEVEAR D T
STONE F G A
OAR ACCESS NO.....010380-006
DOC NUMBER.....AD668562
INSTR...AF-61/052/00847
PROJECT/TASK.....9718/02

AFOSR 68-0889
BRISTOL UNIVERSITY
CHEMISTRY OF THE METAL CARBYNYLS PART XLIII
PERFLUOROALKENYL-RHENIUM AND IRON COMPLEXES
JOURNAL CHEMICAL SOCIETY SECT A PP177-180 1968
BY GODDFELLOW R J
GREEN M
MAYNE M
REST A J
STONE F G A
OAR ACCESS NO.....010380-007
DOC NUMBER.....AD668563
INSTR...AF-61/052/00847
PROJECT/TASK.....9718/02

AFOSR 68-0890
UNIVERSITY OF TEXAS AT AUSTIN
BIENNIAL OF ELECTRONICS RESEARCH NO. 7 FINAL REPORT MAY
1968
BY COATES C L
OAR ACCESS NO.....019242-058
DOC NUMBER.....AD672003
INSTR...AF-7/054-0766-67
PROJECT/TASK.....9781/00

AFOSR 68-0891
UNIVERSITY OF NEW MEXICO
STRESS FIELD IN THE VICINITY OF AN IRWIN-CRACK
TECHNICAL REPORT ME-33
BY JU F D
ARCACHE A
OAR ACCESS NO.....018332-003
DOC NUMBER.....AD671915
INSTR...AF-AFOSR-0368-66
PROJECT/TASK.....9782/01

AFOSR 68-0892
POLYTECHNIC INSTITUTE OF BROOKLYN
SOME REMARKS ON THREE-DIMENSIONAL WAVES AND JETS
PIBAL REPORT NO 68-9
BY TRENTACOSTE M
SPORZA P H
OAR ACCESS NO.....019521-009
DOC NUMBER.....AD670517
INSTR...AF-49/638/01623
PROJECT/TASK.....9781/01

AFOSR 68-0893
CORNELL AERONAUTICAL LABORATORY INC
SURFACE RECOMBINATION EFFICIENCIES IN FLOWS CONTAINING STEAM
-FUNCTION INCREASES IN ATOMIC OXYGEN FINAL REPORT MARCH
1968
BY MYERSON A L
OAR ACCESS NO.....006071-002
DOC NUMBER.....AD668605
INSTR...AF-49/638/01487
PROJECT/TASK.....9783/01

AFOSR 68-0895
FLORIDA STATE UNIVERSITY
COMPREHENSIVE FORMALISM FOR NUCLEAR-REACTION PROBLEMS
II APPLICATIONS - GIANT RESONANCES AND DOORWAY STATES
THE PHYSICAL REVIEW V161 NO PP922-993 SEP 1967
BY ROBSON D
LANE A M
OAR ACCESS NO.....005115-007
DOC NUMBER.....AD668610
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0896
FLORIDA STATE UNIVERSITY
NEUTRON THRESHOLDS TO RESONANT ANALOGUE STATES
NUCLEAR PHYSICS V100 PP689-696 1967
BY STEPHEN R O
OAR ACCESS NO.....005115-008
DOC NUMBER.....AD668610
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0897
FLORIDA STATE UNIVERSITY
SCATTERING OF ALPHA PARTICLES BY OXYGEN I BOMBARDING ENERGY
RANGE 5.0 TO 10.0 MEV
THE PHYSICAL REVIEW V160 NO PP782-790 AUG 1967
BY MUNT W E
MENTA M K
DAVIS R H
OAR ACCESS NO.....005115-009
DOC NUMBER.....AD668606
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0898
FLORIDA STATE UNIVERSITY
A FAST MECHANICAL GEAR STOP AND OTHER AUXILIARY GEAR
CONTROL EQUIPMENT
NUCLEAR INSTR METHODS V53 PP153-155 1967
BY JENSEN S
PLENDL M S
NELSON J V
OAR ACCESS NO.....005115-010
DOC NUMBER.....AD668612
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0899
FLORIDA STATE UNIVERSITY
RELATION BETWEEN LEPPMANN-SCHWINGER AND BLOCH SCATTERING
THEORIES
PHYSICS LETTERS V258 NO PP504-506 30 OCT 1967
BY ROBSON B A
ROBSON D
OAR ACCESS NO.....005115-011
DOC NUMBER.....AD668614
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0900
FLORIDA STATE UNIVERSITY
MICROPERME NEGATIVE HELIUM IONS USING POTASSIUM VAPOUR
EXCHANGE
NUCLEAR INSTRUMENTS AND METHODS V57 PP105-108 1967
BY JOHN J
ROBINSON C P
ALDRIDGE J P
WALLACE W J
CHAPMAN K R
OAR ACCESS NO.....005115-012
DOC NUMBER.....AD668617
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0901
FLORIDA STATE UNIVERSITY
COUPLED CHANNEL ANALYSIS OF PROTON SCATTERING FROM 19F
NUCLEAR PHYSICS V103 PP678-688 1967
BY THOMPSON W J
EDWARDS S
TAMURA T
OAR ACCESS NO.....005115-013
DOC NUMBER.....AD668611
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0902
FLORIDA STATE UNIVERSITY
TIME REVERSAL AND DETAILED BALANCE IN DWBA
PHYSICS LETTERS V260 NS PP117-119 8 JAN 1968
BY ROBSON D
OAR ACCESS NO.....005115-014
DOC NUMBER.....AD668615
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0903
FLORIDA STATE UNIVERSITY
SEPARATION OF DIRECT AND COMPOUND EFFECTS BY POLARIZATION
MEASUREMENTS
PHYSICS LETTERS V258 N7 PP484-488 15 OCT 1967
BY THOMPSON W J
OAR ACCESS NO.....005115-015
DOC NUMBER.....AD668616
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0904
FLORIDA STATE UNIVERSITY
SCATTERING OF ALPHA PARTICLES BY OXYGEN II BOMBARDING
ENERGY RANGE 10 TO 19 KEV
THE PHYSICAL REVIEW V160 N4 PP791-802 20 AUG 1967
BY NEMTA M R
HUNT W E
DAVIS A H
OAR ACCESS NO.....005114-012
DOC NUMBER.....AD668907
INSTR...AF-AFOSR-0440-66
PROJECT/TASK.....9751/02

AFOSR 68-0905
FLORIDA STATE UNIVERSITY
HIGH INTENSITY NOZZLE BEAM SOURCE FOR USE IN MOLECULAR
TOTAL CROSS SECTION MEASUREMENTS
REVIEW OF SCIENTIFIC INSTRUMENTS V38 N11 PP162R-1631
NOV 1967
BY SKOPCHONICK J G
OAR ACCESS NO.....005114-013
DOC NUMBER.....AD668908
INSTR...AF-AFOSR-0440-66
PROJECT/TASK.....9751/07

AFOSR 68-0906
UNIVERSITY OF VIRGINIA
THE EFFECTIVE SUPERCONDUCTING HAMILTONIAN FOR ALLOYS WITH
MAGNETIC IMPURITIES
PHYSICS LETTERS V25A N1 PP24-28 17 JULY 1967
BY APPLEBAUM J
CELLI V
ZUCKERMAN M J
OAR ACCESS NO.....072120-007
DOC NUMBER.....AD667882
INSTR...AF-AFOSR-1138-
PROJECT/TASK.....9763/07

AFOSR 68-0907
RHO UNIVERSITY
MECHANISMS SUBSERVING COLOR CODING IN THE VERTEBRATE RETINA
FINAL REPORT MARCH 1968
BY TOMITA T
OAR ACCESS NO.....500511-001
DOC NUMBER.....AD667977
INSTR...NIPR -0013-67
PROJECT/TASK.....9777/01

AFOSR 68-0908
YONSEI UNIVERSITY
COLD ADAPTATION OF KOREAN WOMEN OVERS FINAL REPORT
DEC 1967
BY HOP S K
OAR ACCESS NO.....500620-001
DOC NUMBER.....AD667828
INSTR...NIPR -3008-66
PROJECT/TASK.....9777/01

AFOSR 68-0909
OHIO UNIVERSITY
SCATTERING FROM A SEPARABLE NON-LOCAL POTENTIAL
PHYSICS A / NUCLEON PHYS 90C/ V1 SER2 PP224-227 1968
BY CASOLA M L
KOSHEL M J
OAR ACCESS NO.....016650-010
DOC NUMBER.....AD668887
INSTR...AF-AFOSR-0854-65
PROJECT/TASK.....9761/01

AFOSR 68-0910
CAMBRIDGE UNIVERSITY
RESEARCH ON THEORETICAL HIGH ENERGY PHYSICS AND QUANTUM
THEORY OF MANY PARTICLE SYSTEMS FINAL REPORT DEC 1967
BY EDEN M J
OAR ACCESS NO.....013011-032
DOC NUMBER.....AD669192
INSTR...AF-EDAR -0010-65
PROJECT/TASK.....9751/01

AFOSR 68-0911
UNIVERSITY OF CALIFORNIA
EXTENSIONS OF THE HENKOWSKI INEQUALITY
LINPAK ALLEKHA AND ITS APPLICATIONS AMERICAN ELSEVIER
PUBLISHING COMPANY INC V1 PP13-27 1968
BY HANCOCK M
PIENCE S
OAR ACCESS NO.....016431-006
DOC NUMBER.....AD668790
INSTR...AF-AFOSR-0478-67
PROJECT/TASK.....9749/01

AFOSR 68-0912
GENERAL PRECISION INC
RESEARCH IN THE RESTRUCTURED PROBLEMS OF THREE AND FOUR
BODIES
BY RICHARDSON P H
OAR ACCESS NO.....018891-001
DOC NUMBER.....AD669130
INSTR...AF-69/03R/01466
PROJECT/TASK.....9749/01

AFOSR 68-0913
CLEMSON UNIVERSITY
TWO DIMENSIONAL STAINING DEVICES SUITABLE FOR LOW TEMPERATURES
THE REVIEW OF SCIENTIFIC INSTRUMENTS V39 N2 PP155-157
FEB 1968
BY STILLWELL E P
SHIBB M J
DAVIS J H
OAR ACCESS NO.....012471-006
DOC NUMBER.....AD668785
INSTR...AF-AFOSR-0180-65
PROJECT/TASK.....9749/02

AFOSR 68-0914
PENNSYLVANIA STATE UNIVERSITY
EFFECTIVE RADIUS OF A VACANCY AND THE CALCULATION OF
SOLUBILITY LIMITS IN CRYSTALS OF HIGHLY IONIC PHASES OF THE
SODIUM CHLORIDE STRUCTURE TYPE
ZEITSCHRIFT FUR KRISTALLOGRAPHIE V125 PP70-79 1967
BY HARRY T L
ROY R
OAR ACCESS NO.....007881-006
DOC NUMBER.....AD669735
INSTR...AF-AFOSR-0208-63
PROJECT/TASK.....9761/02

AFOSR 68-0915
FLORIDA STATE UNIVERSITY
MORPHOLOGICAL CHANGES IN DISCONTINUOUS GOLD FILMS FOLLOWING
DEPOSITION
JOURNAL OF APPLIED PHYSICS V38 N12 PP4791-4798 NOV 1967
BY PHILLIPS W B
OAR ACCESS NO.....005115-016
DOC NUMBER.....AD669639
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-0916
CARNEGIE INSTITUTE OF TECH. LOGY
EXISTENCE AND NONEXISTENCE IN THE LARGE OF SOLUTIONS OF
QUASILINEAR WAVE EQUATIONS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V25 N4 PP299-320
1967
BY MACCARY A C
MIZEL V J
OAR ACCESS NO.....001572-009
DOC NUMBER.....AD659917
INSTR...AF-AFOSR-0418-62
PROJECT/TASK.....9749/02

AFOSR 68-0917
UNIVERSITY OF CALIFORNIA
OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT
PROCESSES - PART I
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-J N4 PP558-568
OCTOBER 1967
BY FISHER J H
STEAN E H
OAR ACCESS NO.....014940-008
DOC NUMBER.....AD668784
INSTR...AF-AFOSR-0699-65
PROJECT/TASK.....9749/01

AFOSR 68-0918
UNIVERSITY OF CALIFORNIA
OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT
PROCESSES - PART II
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-J N4 PP568-578
OCTOBER 1967
BY FISHER J H
STEAN E H
OAR ACCESS NO.....014940-009
DOC NUMBER.....AD668784
INSTR...AF-AFOSR-0699-65
PROJECT/TASK.....9749/01

AFOSR 68-0919
UNIVERSITY OF CALIFORNIA
ON A NEW COMPUTING TECHNIQUE IN OPTIMAL CONTROL THEORY
AND THE MAXIMUM PRINCIPLE
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V59 N2
PP373-375 FEBRUARY 1968
BY HALAKRISHNAN A V
OAR ACCESS NO.....015062-001
DOC NUMBER.....AD669727
INSTR...AF-AFOSR-1408-68
PROJECT/TASK.....9749/01

AFOSR 68-0920
MONTANA STATE COLLEGE
PHOTOREMISSION INVESTIGATION OF THE ELECTRONIC STRUCTURE OF
CHLORINE
PHYSICAL REVIEW V166 N2 PP580-598 10 FEBRUARY 1968
BY LAFAYRE G J
KRESS R A
OAR ACCESS NO.....016600-001
DOC NUMBER.....AD669706
INSTR...AF-AFOSR-0438-65
PROJECT/TASK.....9763/02

AFOSR 68-0921
UNIVERSITY OF CALIFORNIA
TEMPERATURE DEPENDENCE OF THE WIDTH OF THE FUNDAMENTAL
LATTICE-VIBRATION ABSORPTION PEAK IN IRONIC CRYSTALS II
APPROXIMATE NUMERICAL RESULTS
THE PHYSICAL REVIEW V159 N3 PP882-889 15 MARCH 1967
BY IPATCVA I P
MARADUDIN A A
WALLIS R P
OAR ACCESS NO.....021870-003
DOC NUMBER.....AD669843
INSTR...AF-AFOSR-1080-68
PROJECT/TASK.....9743/03

AFOSR 68-0922
UNIVERSITA DEGLI STUDI DI ROMA
MEMBRANES AND ITS REACTION WITH LIGANDS
SCIENCE V166 N1807 PP1417-1425 15 DECEMBER 1967
BY ANTONINI E
OAR ACCESS NO.....018060-001
DOC NUMBER.....AD669632
INSTR...AF-EDAR -0022-66
PROJECT/TASK.....9777/01

AFOSR 68-0923
UNIVERSITY OF CALIFORNIA
SURFACE SPIN WAVES
SOLID STATE COMMUNICATIONS V5 PP29-92 1967
BY WALLIS H F
MARADUDIN A A
[PATOVA I P
KLOCHIRKHIN A A
OAR ACCESS NO.....021070-004
DOC NUMBER.....AD669646
INSTR...AF-AFOSR-1080-66
PROJECT/TASK.....9763/01

AFOSR 68-0924
UNIVERSITY OF CALIFORNIA
IMPURITY-INDUCED SECOND-HARMONIC INFRARED ABSORPTION AND
RAMAN SCATTERING BY U-CENTER LOCALIZED MODES IN
ALKALI-HALIDE CRYSTALS
THE PHYSICAL REVIEW V161 N3 PP852-860 15 SEPT 1967
BY MARADUDIN A A
PENNETTI J
OAR ACCESS NO.....021070-005
DOC NUMBER.....AD669722
INSTR...AF-AFOSR-1080-66
PROJECT/TASK.....9763/01

AFOSR 68-0925
STANFORD UNIVERSITY
EXPANDING THE CONSCIOUSNESS OF THE AEROLASTICIAN
AMERICAN SOCIETY MECHANICAL ENGINEERS WINTER ANNUAL MEETING
PITTSBURGH PA 12-16 NOV 1967 PP120-143
BY ASHLEY H
MCINTOSH S C
OAR ACCESS NO.....023200-003
DOC NUMBER.....AD669720
INSTR...F44620-67-C-0064
PROJECT/TASK.....9781/02

AFOSR 68-0926
INSTITUTE FOR ADVANCED STUDY
REPRESENTATION THEORY OF LOCAL CURRENT ALGEBRAS
JOURNAL OF MATHEMATICAL PHYSICS V8 N10 PP1954-1956 OCTOBER
1967
BY ROFFMAN E H
OAR ACCESS NO.....007783-013
DOC NUMBER.....AD669703
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 68-0927
UNIVERSITY OF NEW MEXICO
LIGAND-FIELD TRANSITIONS IN TERTIARY PHOSPHINE AND ARSINE
COMPLEXES OF RUTHENIUM /II/ AND OSMIUM /II/
JOURNAL MOLECULAR SPECTROSCOPY V25 N3 PP398-405 MAR 1968
BY KLASSEN D M
CROSBY G A
OAR ACCESS NO.....011781-005
DOC NUMBER.....AD669704
INSTR...AF-AFOSR-0260-65
PROJECT/TASK.....9710/02

AFOSR 68-0928
UNIVERSITY OF CALIFORNIA
MAGNETIZATION MEASUREMENTS AND PRESSURE DEPENDENCE OF THE
CURIE POINT OF THE PHASE TBI SCANDIUM - INDIMINIDE
PHYSICAL REVIEW V166 N2 PP577-588 10 FEBRUARY 1968
BY GARDNER W E
SMITH T F
MULLETT B W
CHU C H
SWEEDLER A
OAR ACCESS NO.....018831-009
DOC NUMBER.....AD669661
INSTR...AF-AFOSR-0031-67
PROJECT/TASK.....9763/03

AFOSR 68-0929
SOUTHERN ILLINOIS UNIVERSITY
TEMPERATURE DEPENDENCE OF ATOM-ATOM POTENTIAL IN MOLECULAR
CRYSTALS
ZEITSCHRIFT FUR KRISTALLOGRAPHIE V125 PP52-69 20 APRIL 1967
BY AMOROS J L
BONK D
OAR ACCESS NO.....018561-003
DOC NUMBER.....AD669658
INSTR...AF-AFOSR-0596-66
PROJECT/TASK.....9761/02

AFOSR 68-0930
UNIVERSITY OF CALIFORNIA
ELECTRICAL RESISTIVITY OF DILUTE BIDI ALLOYS LOCAL EXCHANGE
ENHANCEMENT EFFECTS
THE PHYSICAL REVIEW V165 N3 PP837-844 15 JAN 1968
BY LEDERER P
MILLS D L
OAR ACCESS NO.....021070-004
DOC NUMBER.....AD669656
INSTR...AF-AFOSR-1080-66
PROJECT/TASK.....9763/01

AFOSR 68-0931
UNIVERSITY OF PITTSBURGH
A FAST RECOVERY PROBE AND RECEIVER FOR PULSED NUCLEAR
MAGNETIC RESONANCE SPECTROSCOPY
JOURNAL OF SCIENTIFIC INSTRUMENTS /JOURNAL OF PHYSICS C/
SER2 V1 PP320-322 1968
BY LOWE I J
TARR C F
OAR ACCESS NO.....003173-011
DOC NUMBER.....AD669638
INSTR...AF-AFOSR-0196-66
PROJECT/TASK.....9763/03

AFOSR 68-0932
UNIVERSITY OF CALIFORNIA
RELATION BETWEEN PHOTOELASTICITY ELECTROSTRICTION AND FIRST
ORDER RAMAN EFFECT IN CRYSTALS OF THE DIAMOND STRUCTURE
THE PHYSICAL REVIEW V164 N3 PP1081-1099 15 DEC 1967
BY MARADUDIN A A
BURSTEIN E
OAR ACCESS NO.....021070-007
DOC NUMBER.....AD669663
INSTR...AF-AFOSR-1080-66
PROJECT/TASK.....9763/01

AFOSR 68-0933
RADIO CORP OF AMERICA
ON THE MECHANIZATION OF CREATIVE PROCESSES
IEEE SPECTRUM V3 N4 PP112-115 APRIL 1966
BY AMAREL S
OAR ACCESS NO.....011880-003
DOC NUMBER.....AD668846
INSTR...AF-40/638/01184
PROJECT/TASK.....9769/05

AFOSR 68-0934
UNIVERSITY OF CALIFORNIA
SOME THERMODYNAMIC PROPERTIES OF A SEMI-INFINITE HEISENBERG
FERROMAGNET
J PHYS CHEM SOLIDS V22 PP1855-1874 1967
BY MILLS D L
MARADUDIN A A
OAR ACCESS NO.....021070-001
DOC NUMBER.....AD668793
INSTR...AF-AFOSR-1080-66
PROJECT/TASK.....9763/03

AFOSR 68-0935
UNIVERSITY OF CALIFORNIA
INTERACTION OF LOCALIZED VIBRATIONS WITH PLASMONS IN A
POLAR SEMICONDUCTOR
SOLID STATE COMMUNICATIONS V5 PP337-340 1967
BY SHAN L J
MARADUDIN A A
OAR ACCESS NO.....021070-002
DOC NUMBER.....AD668794
INSTR...AF-AFOSR-1080-66
PROJECT/TASK.....9763/03

AFOSR 68-0936
STATE UNIVERSITY OF NEW YORK
ANALYSIS OF THE LEONARD AND RAMEY METHOD OF DETERMINING
THE THICKNESS OF THIN METALLIC FILMS
JOURNAL OF APPLIED PHYSICS V39 N1 PP29-31 JAN 1968
BY MARSOCCI V A
SIEGEL P
OAR ACCESS NO.....021940-001
DOC NUMBER.....AD668799
INSTR...AF-AFOSR-1116-64
PROJECT/TASK.....9763/03

AFOSR 68-0937
CARNEGIE-MELLON UNIVERSITY
SCOPE USER MANUAL
BY BOND A H
OAR ACCESS NO.....022900-034
DOC NUMBER.....AD669105
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 68-0938
CARNEGIE-MELLON UNIVERSITY
I MANUAL
BY MUELLER A
EARLEY J
MANEY F
OAR ACCESS NO.....022900-035
DOC NUMBER.....AD669134
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 68-0939
INDIANA UNIVERSITY
SINGULAR BEHAVIOR OF ZONAL HYPERSPHERICAL HARMONIC SERIES
SIAM J APPL MATH V16 N1 PP167-180 1968
BY LO C Y
OAR ACCESS NO.....022970-005
DOC NUMBER.....AD668787
INSTR...AF-AFOSR-1206-67
PROJECT/TASK.....9749/01

AFOSR 68-0940
HARVARD UNIVERSITY
GAUGE FIELDS SOURCES AND ELECTROMAGNETIC MASS
THE PHYSICAL REVIEW V165 N5 PP1714-1721 25 JANUARY 1968
BY SCHWINGER J
OAR ACCESS NO.....004861-050
DOC NUMBER.....AD668804
INSTR...AF-40/638/01380
PROJECT/TASK.....9767/04

AFOSR 68-0941
SIT RESEARCH INSTITUTE
NATURE OF THE INTERACTION OF SECONDARY ELECTRONS WITH
CHEMICAL SYSTEMS
BY FENG P
OAR ACCESS NO.....009780-001
DOC NUMBER.....AD669145
INSTR...AF-40/638/01104
PROJECT/TASK.....9760/02

AFOSR 68-0942
STANFORD UNIVERSITY
STATE-VARIABLE SYNTHESIS FOR INSENSITIVE INTEGRATED
CIRCUIT TRANSFER FUNCTIONS
IEEE JOURNAL OF SOLID-STATE CIRCUITS VSC-2 N3 PP87-92
SEP 1967
BY KERWIN W J
MUELSMAN L P
NEWCOM R V
OAR ACCESS NO.....011082-004
DOC NUMBER.....AD668801
INSTR...F44620-67-C-0001
PROJECT/TASK.....9749/01

AFOSR 68-0943
UNIVERSITA DEGLI STUDI DI MILANO
ROLE OF SINO AORTIC REFLEXES IN THE REGULATION OF
EXPERIMENTAL RENAL HYPERTENSION DURING NATURAL SLEEP
BARORECEPTORS AND HYPERTENSION PROCEEDINGS OF AN
INTERNATIONAL SYMPOSIUM DAYTON OHIO 13-17 NOV 1965
PP367-400 BERGAMON PRESS OXFORD AND NEW YORK 1967
BY ZANCHETTI A
GUZZI M
BACCELLI G
OAR ACCESS NO.....012932-006
DOC NUMBER.....AD668630
INSTR...AF-EOAK-0006-65
PROJECT/TASK.....9777/01

AFOSR 68-0944
UNIVERSITA DEGLI STUDI DI GENOVA
PRELIMINARY OBSERVATIONS ON THE POWER SPECTRUM OF THE
HUMAN EEG /ITALIAN/
RIVISTA DI NEUROLOGIA V37 N4 PP399-408 JUL-AUG 1967
BY ROSADINI G
PUCA F M
RIVANO C
OAR ACCESS NO.....005924-012
DOC NUMBER.....AD668874
INSTR...AF-61/052/00901
PROJECT/TASK.....9777/01

AFOSR 68-0945
UNIVERSITA DEGLI STUDI DI GENOVA
DEEP SLEEP INDUCTION BY ELECTRICAL STIMULATION OF THE BRAIN
STEM AND CEREBRAL CORTEX
EXCERPTA MEDICA INTERNATIONAL CONGRESS SEN N136
ELECTROTHERAPEUTIC SLEEP AND ELECTROANALGESIA PP95-98
PROCEEDINGS OF THE FIRST INTERNATIONAL SYMPOSIUM GRAZ
AUSTRIA 12-17 SEP 1966
BY KOSSI C
ZATTONI J
OAR ACCESS NO.....005924-013
DOC NUMBER.....AD668874
INSTR...AF-61/052/00901
PROJECT/TASK.....9777/01

AFOSR 68-0946
HARVARD UNIVERSITY
STUDENT POLITICS
SPECIAL ISSUE COMPARATIVE EDUCATION REVIEW INSTITUTE OF
INTERNATIONAL STUDIES UNIVERSITY OF CALIFORNIA BERKELEY
V10 N2 PP120-376 JUN 1966
BY LIPSET S M
OAR ACCESS NO.....022790-002
DOC NUMBER.....AD668861
INSTR...AF-AFOSR-1205-67
PROJECT/TASK.....9779/02

AFOSR 68-0947
INTERNATIONAL BUSINESS MACHINES CORP
A NOTE ON TIME SHARING WITH PREFERRED CUSTOMERS
Z WAHRSCHEINLICHKEITSTHEORIE V9 PP112-130 1966
BY KONHEIM A G
OAR ACCESS NO.....021440-002
DOC NUMBER.....AD668884
INSTR...AF-49/638/01082
PROJECT/TASK.....9749/02

AFOSR 68-0948
UNIVERSITY OF WASHINGTON
THE REACTIVE LINHANY
BY HUNT E H
QUINLAN J R
OAR ACCESS NO.....027820-002
DOC NUMBER.....AD669104
INSTR...AF-AFOSR-1311-67
PROJECT/TASK.....9779/01

AFOSR 68-0949
UNIVERSITY OF OREGON
AN EXPERIMENTAL COMPARISON OF STIMULUS AND RESPONSE
TRANSLATED POWER FUNCTIONS FOR BRIGHTNESS
PERCEPTION & PSYCHOPHYSICS V3 N4 PP297-305 1968
BY FAGOT R F
STEWART M H
OAR ACCESS NO.....023630-002
DOC NUMBER.....AD668885
INSTR...F44620-67-C-0099
PROJECT/TASK.....9740/00

AFOSR 68-0950
CASE WESTERN RESERVE UNIVERSITY
EQUIVALENCE RESTRICTIONS AND THE DRILLDOWN CONDITION FOR
MARTINEE-POCK WAVE FUNCTIONS
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY V15 PP81-87 1967
BY CARLSON K D
WHITMAN D H
OAR ACCESS NO.....020100-002
DOC NUMBER.....AD668883
INSTR...AF-AFOSR-1030-66
PROJECT/TASK.....9760/01

AFOSR 68-0951
UNIVERSITY OF CALIFORNIA
ON A GENERALIZATION OF BERNSTEIN POLYNOMIALS
REV MAT UNIV PARRA VE NB PP77-84 1964
BY CHENEY E M
SHARMA A
OAR ACCESS NO.....012460-004
DOC NUMBER.....AD668886
INSTR...AF-AFOSR-1077-63
PROJECT/TASK.....9760/01

AFOSR 68-0953
BUREAU OF SOCIAL SCIENCE RESEARCH INC
EDUCATION FOR POLICY MAKERS AN ANALYSIS OF LECTURE AND
READING MATERIALS AT SELECTED WAR COLLEGES
PRESENTED AT 62ND ANNUAL MEETING OF AMERICAN SOCIOLOGICAL
ASSOCIATION AUG 28-31 1967 SAN FRANCISCO CALIFORNIA
BY CRAWFORD E T
OAR ACCESS NO.....019218-001
DOC NUMBER.....AD668886
INSTR...AF-49/638/01364
PROJECT/TASK.....9777/01

AFOSR 68-0954
UNIVERSITY OF ARIZONA
PHYSICAL PROPERTIES OF SOLIDS AT HIGH PRESSURES FINAL
REPORT APRIL 1968
BY TOMIZUKA C T
OAR ACCESS NO.....006111-004
DOC NUMBER.....AD671918
INSTR...AF-AFOSR-0109-63
PROJECT/TASK.....9763/02

AFOSR 68-0956
TEXAS INSTRUMENTS INC
DEFECTS AND THEIR ROLE IN DETERMINING BULK PROPERTIES OF
CRYSTALS FINAL REPORT MAY 1968
BY HOLTON W C
OAR ACCESS NO.....027700-005
DOC NUMBER.....AD669814
INSTR...F44620-67-C-0073
PROJECT/TASK.....9763/02

AFOSR 68-0957
UNIVERSITY OF HAWAII
PREDICTIVE MODEL FOR INTRAGROUP NEGOTIATION
FINAL REPORT MAY 1968
BY BARTOS O J
OAR ACCESS NO.....010622-001
DOC NUMBER.....AD671537
INSTR...AF-AFOSR-0688-67
PROJECT/TASK.....9779/02

AFOSR 68-0958
NEW YORK UNIVERSITY
AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO HMD
DUCT FLOW
BY ALEXANDER M
OAR ACCESS NO.....017022-003
DOC NUMBER.....AD673046
INSTR...AF-AFOSR-0813-67
PROJECT/TASK.....9782/01

AFOSR 68-0959
CORNELL UNIVERSITY
A LOCALLY-DISTRIBUTED ASSOCIATIVE MEMORY NETWORK
BY BARON R J
OAR ACCESS NO.....020221-001
DOC NUMBER.....AD671492
INSTR...AF-AFOSR-1402-68
PROJECT/TASK.....9781/01

AFOSR 68-0960
CALIFORNIA INSTITUTE OF TECHNOLOGY
OBSERVATIONS OF PROPER-MOTION STARS III
ASTROPHYSICAL JOURNAL V150 PP927-942 DEC 1967
BY EGGEN D J
GREENSTEIN J L
OAR ACCESS NO.....000581-033
DOC NUMBER.....AD669152
INSTR...AF-49/638/01323
PROJECT/TASK.....9774/01

AFOSR 68-0961
PRINCETON UNIVERSITY
HYDROGEN MIXING BY HELIUM-SHELL FLASHES
THE ASTROPHYSICAL JOURNAL V150 PP961-970 DEC 1967
BY SCHWARZSCHILD M
HAHN R
OAR ACCESS NO.....016500-015
DOC NUMBER.....AD669949
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 68-0962
VALE UNIVERSITY
A BROADBAND NUCLEAR RESONANCE DISPERSION DETECTOR
THE REVIEW OF SCIENTIFIC INSTRUMENTS V38 N12 PP1716-1719
DEC 1967
BY BLUME R J
EDMONDS O T
OAR ACCESS NO.....012315-003
DOC NUMBER.....AD669156
INSTR...AF-AFOSR-0249-67
PROJECT/TASK.....9767/02

AFOSR 68-0963
OXFORD UNIVERSITY
HOT-CARRIER INSB MICROWAVE MODULATION
ELECTRONICS LETTERS V3 N11 NOV 1967
BY TAN R T G
DAR ACCESS NO.....000104-001
DOC NUMBER.....AD669201
INSTR...AF-EDAM-0033-67
PROJECT/TASK.....9767/02

AFOSR 68-0964
UNIVERSITY OF SYDNEY
AMPLITUDE LIMITING APPLIED TO A SENSITIVE CORRELATION
DETECTOR
THE RADIO AND ELECTRONIC ENGINEER V34 N1 PPS-14 JUL 1967
BY VERHURY M J
DAR ACCESS NO.....013800-006
DOC NUMBER.....AD669153
INSTR...AF-AFOSR-0308-63
PROJECT/TASK.....9774/01

AFOSR 68-0965
CASE WESTERN RESERVE UNIVERSITY
SPIN WAVES DISPERSION AND ENERGY BANDS IN FCC METALS
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY V15 PP619-625
1967
BY THOMPSON E D
DAR ACCESS NO.....016670-004
DOC NUMBER.....AD669548
INSTR...AF-AFOSR-0857-65
PROJECT/TASK.....9763/02

AFOSR 68-0966
UNIVERSITY OF OKLAHOMA
RELATIONS BETWEEN THE CALCULUS OF VARIATIONS AND BOUNDARY
VALUE PROBLEMS FINAL REPORT APRIL 1968
BY REID W T
DAR ACCESS NO.....008233-005
DOC NUMBER.....AD669529
INSTR...AF-AFOSR-0749-65
PROJECT/TASK.....9749/02

AFOSR 68-0967
NEW YORK UNIVERSITY
SECOND-ORDER LINEAR PARABOLIC EQUATIONS WITH A SMALL
PARAMETER
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V27 N5
BY BOBISUD L
DAR ACCESS NO.....000334-002
DOC NUMBER.....AD669530
INSTR...AF-AFOSR-0537-67
PROJECT/TASK.....9767/02

AFOSR 68-0968
PURDUE UNIVERSITY
A DECOMPOSITION FOR L SUPER ONE-BOUNDED MARTINGALES
THE ANNALS OF MATHEMATICAL STATISTICS V39 N1 PP134-138 1968
BY GUNDY R F
DAR ACCESS NO.....020480-003
DOC NUMBER.....AD669532
INSTR...AF-AFOSR-0955-65
PROJECT/TASK.....9749/02

AFOSR 68-0969
UNIVERSITY OF HAWAII
PROPERTIES OF GAS LASERS FINAL REPORT APRIL 1968
BY HOLMES J R
DAR ACCESS NO.....016400-001
DOC NUMBER.....AD669530
INSTR...AF-AFOSR-0417-65
PROJECT/TASK.....9767/02

AFOSR 68-0970
NEW YORK UNIVERSITY
QUANTIZED VORTEXES IN AN IMPERFECT BOSE GAS AND THE
BREAKDOWN OF SUPERFLUIDITY IN LIQUID HELIUM II
PHYSICAL REVIEW V151 N1 PP12-137 4 NOV 1968
BY KAWATRA M P
PATHRIA R K
DAR ACCESS NO.....016680-001
DOC NUMBER.....AD669532
INSTR...AF-AFOSR-0945-65
PROJECT/TASK.....9767/01

AFOSR 68-0972
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE PURE PALLADIUM PHASE
JOURNAL OF APPLIED PHYSICS V39 N2 PART 1 PP551-552 1 FEB
1968
BY FINER S
DIXLO R
MCNEIFF F J JR
DAR ACCESS NO.....007912-051
DOC NUMBER.....AD669150
INSTR...AF-AFOSR-07-0047
PROJECT/TASK.....9764/01

AFOSR 68-0974
UNIVERSITY OF MARYLAND
LONG-RANGE FORCES FROM NEUTRINO-PAIR EXCHANGE
THE PHYSICAL REVIEW V166 N5 PP1638-1644 25 FEB 1968
BY FRIEDBERG G
BY FRIEDBERG J
DAR ACCESS NO.....002423-016
DOC NUMBER.....AD669150
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 68-0975
UNIVERSITY OF NOTRE DAME
CONFORMATIONAL ANALYSIS BY THE CONFORMATIONAL ENTHALPY
ENTROPY AND FREE ENERGY OF THE CARBOXYL CARBOXYLATE
CARBOXYMETHOXY CARBOXYL CHLORIDE AND METHYL KETONE GROUPS
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N6 PP1860-1866
13 MAR 1968
BY FLIEL E L
REESE M C
DAR ACCESS NO.....015001-001
DOC NUMBER.....AD669157
INSTR...AF-AFOSR-0772-67
PROJECT/TASK.....9762/01

AFOSR 68-0976
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE RATES OF RECOMBINATION OF CYANOALKYL RADICALS IN
SOLUTION
JOURNAL AMERICAN CHEMICAL SOCIETY V90 PP1559-1660 1968
BY WEINER S
HAMMOND G S
DAR ACCESS NO.....015080-010
DOC NUMBER.....AD669151
INSTR...AF-AFOSR-01479
PROJECT/TASK.....9762/01

AFOSR 68-0977
COLUMBIA UNIVERSITY
CYCLOADDITION REACTIONS OF 2,2-DIMETHYLCYCLOPROPANONE
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N7 PP1926-1927
27 MAR 1968
BY TURRO N J
EDELSON S S
WILLIAMS J R
DARLING T H
DAR ACCESS NO.....019830-010
DOC NUMBER.....AD669155
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 68-0978
UNIVERSITY OF CALIFORNIA
PERSISTENCE OF HMO-STABILITY IN THE TWO-FLUID MODEL
NUCLEAR FUSION V7 PP91-98 1967
BY SCHWAB P J M
TASSO M
DAR ACCESS NO.....006814-003
DOC NUMBER.....AD669544
INSTR...AF-AFOSR-0130-66
PROJECT/TASK.....9767/01

AFOSR 68-0979
SYRACUSE UNIVERSITY
GEOMETRIC THEORY OF THE SPIN-WEIGHTED FUNCTIONS
JOURNAL OF MATHEMATICAL PHYSICS V8 N11 PP2221-2222 NOV 67
BY STARUSZKIEWICZ A
DAR ACCESS NO.....002075-005
DOC NUMBER.....AD669540
INSTR...AF-AFOSR-0789-66
PROJECT/TASK.....9767/04

AFOSR 68-0980
UNIVERSITY OF CALIFORNIA
JOINT SERVICES ELECTRONICS PROGRAM FINAL REPORT MARCH 1968
BY ANGELAKOS D J
WHINNIE J R
DAR ACCESS NO.....008706-003
DOC NUMBER.....AD669540
INSTR...AF-AFOSR-0139-67
PROJECT/TASK.....4751/00

AFOSR 68-0981
POLYTECHNIC INSTITUTE OF BROOKLYN
A QUASI-AXISYMMETRIC APPROXIMATION FOR TURBULENT THREE-
DIMENSIONAL JETS AND WAKES
FINAL REPORT NO 68-31
BY SFORZA P M
DAR ACCESS NO.....019521-010
DOC NUMBER.....AD669126
INSTR...AF-AFOSR-01623
PROJECT/TASK.....9761/01

AFOSR 68-0982
BATTTELLE MEMORIAL INSTITUTE
PRESSURE-TEMPERATURE EFFECTS ON CHANGE TRANSPORT IN
TRANSITION-METAL OXIDES FINAL REPORT MAY 1968
BY YOUNG A P
SCHWARTZ C M
FREUD P J
DAR ACCESS NO.....009312-002
DOC NUMBER.....AD669831
INSTR...AF-AFOSR-0263-65
PROJECT/TASK.....9763/02

AFOSR 68-0983
UNIVERSITY OF OREGON MEDICAL SCHOOL
SPEECH CHARACTERISTICS AS INDICES OF ATTITUDE MOOD AND
MOTIVATIONAL STATE FINAL REPORT MAY 1968
BY MATARAZZO J D
DAR ACCESS NO.....001500-001
DOC NUMBER.....AD669830
INSTR...AF-AFOSR-1297-67
PROJECT/TASK.....9778/01

AFOSR 68-0984
BUREAU OF MINES
THE RHO-DYNAMIC PROPERTIES OF ORGANIC DERIVATIVES OF THE
LIGHTER ELEMENTS
BY DOUSLIN D R
GOOD W D
PINKIE M L
HARRISON R H
GUTHRIE G B
OAR ACCESS NO.....000300-004
DDC NUMBER.....AD669389
INSTR...AF-0984-00007-65
PROJECT/TASK.....9713/02

AFOSR 68-0985
CASE WESTERN RESERVE UNIVERSITY
FREE-INDUCTION DECAV IN A MAGNETICALLY DILUTE SOLID
SOLID STATE COMMUNICATIONS V5 PP938-937 1967
BY HU T H
OAR ACCESS NO.....018471-005
DDC NUMBER.....AD669533
INSTR...AF-0985-0505-66
PROJECT/TASK.....9783/03

AFOSR 68-0986
UNIVERSITY OF ILLINOIS
UNIQUENESS THEOREMS FOR ANALYTIC FUNCTIONS OF ONE AND OF
SEVERAL COMPLEX VARIABLES
PROC CAMB PHIL SOC V64 PP71-82 1968
BY RUEB L A
TAYLOR U A
OAR ACCESS NO.....014020-012
DDC NUMBER.....AD669922
INSTR...AF-0986-0460-63
PROJECT/TASK.....9749/02

AFOSR 68-0987
YESHIVA UNIVERSITY
ANOMALOUS AND NORMAL SINGULARITIES AND THE INFINITE
MOMENTUM LIMIT
PHYS REV V165 N5 PP1553-1554 25 JANUARY 1968
BY SUSSKIND L
PRYF G
OAR ACCESS NO.....027460-002
DDC NUMBER.....AD669472
INSTR...AF-0987-1282-67
PROJECT/TASK.....9751/01

AFOSR 68-0988
STANFORD UNIVERSITY
VISCOSUS HYPERSONIC FLOW AROUND A BLUNT BODY
BY KAISEH J F
FLUGGE-LOTZ I
OAR ACCESS NO.....001024-001
DDC NUMBER.....AD669573
INSTR...AF-0988-49/638/01385
PROJECT/TASK.....9749/01

AFOSR 68-0989
UNIVERSIDAD DE BARCELONA
ON THE FOLDY-WOUTHUYSEN TRANSFORMATION FOR PARTICLES IN AN
ELECTROMAGNETIC FIELD
IL NUOVO CIMENTO SER X V52 PP58A-605 21 NOV 67
BY GARRIDO L M
OLIVER L
OAR ACCESS NO.....007563-003
DDC NUMBER.....AD669471
INSTR...AF-0989-0017-64
PROJECT/TASK.....9767/03

AFOSR 68-0990
CALIFORNIA INSTITUTE OF TECHNOLOGY
STUDIES OF THE PECULIAR A STARS V CONTINUOUS ENERGY
DISTRIBUTIONS
ASTROPHYSICAL JOURNAL V151 PP259-267 JANUARY 1968
BY JUGAKU J
SARGENT W L W
OAR ACCESS NO.....000582-001
DDC NUMBER.....AD669673
INSTR...AF-0990-1401-68
PROJECT/TASK.....9774/01

AFOSR 68-0991
UNIVERSITY OF CALIFORNIA
ON THE MATRICES AB AND BA
JOURNAL OF LINEAR ALGEBRA AND ITS APPLICATIONS V1 PP43-58
1968
BY THOMPSON R C
OAR ACCESS NO.....014931-007
DDC NUMBER.....AD669474
INSTR...AF-0991-0698-67
PROJECT/TASK.....9749/01

AFOSR 68-0992
HARVARD UNIVERSITY
TRADITIONAL MEDICINE IN MODERN CHINA
HARVARD UNIVERSITY PRESS CAMBRIDGE MASSACHUSETTS 1968
BY CROIZIER R C
OAR ACCESS NO.....019140-005
DDC NUMBER.....AD669505
INSTR...AF-0992-49/638/01399
PROJECT/TASK.....9777/02

AFOSR 68-0993
UNIVERSITY OF CALIFORNIA
BIOMECHANICS ITS SCOPE HISTORY AND SOME PROBLEMS OF
CONTINUUM MECHANICS IN PHYSIOLOGY
APPLIED MECHANICS REVIEWS V21 N1 PP1-19 JAN 1968
BY FUNG Y C B
OAR ACCESS NO.....001374-008
DDC NUMBER.....AD669539
INSTR...AF-0993-1186-67
PROJECT/TASK.....9782/01

AFOSR 68-0994
CALIFORNIA INSTITUTE OF TECHNOLOGY
MOLECULAR BAND INTENSITIES IN G AND K STARS
ASTROPHYSICAL JOURNAL V151 PP259-267 JANUARY 1968
BY SCHADEE A
OAR ACCESS NO.....000581-036
DDC NUMBER.....AD669446
INSTR...AF-0994-49/638/01383
PROJECT/TASK.....9776/01

AFOSR 68-0995
UNIVERSITY OF VIENNA
MEISSBAUER EFFECT AND LIFETIME OF THE 40.6 KEV LEVEL OF 103
W
ACTA PHYSICA AUSTRIACA V25 N4 PP334-335 1967
BY DROSC H
UJLAKI E
OAR ACCESS NO.....016310-006
DDC NUMBER.....AD669581
INSTR...AF-0995-61/052/00845
PROJECT/TASK.....9767/01

AFOSR 68-0996
UNIVERSITY OF HAWAII
HUM PREDICTABLE ARE NEGOTIATIONS
THE JOURNAL OF CONFLICT RESOLUTION V11 N4 PP481-496 DEC
1967
BY BARTOS O J
OAR ACCESS NO.....010620-007
DDC NUMBER.....AD669537
INSTR...AF-0996-0314-62
PROJECT/TASK.....9779/02

AFOSR 68-0997
UNIVERSITY OF CALIFORNIA
USE OF MORPHIC EFFECTS FOR THE STUDY OF VIBRATIONAL AND
OPTICAL PROPERTIES OF IMPURITY ATOMS IN CRYSTALS
THE PHYSICAL REVIEW V163 N3 PP882-895 15 NOV 1967
BY MARADUDIN A A
GANESEAN S
BURSTEIN E
OAR ACCESS NO.....021070-008
DDC NUMBER.....AD669579
INSTR...AF-0997-1060-66
PROJECT/TASK.....9763/01

AFOSR 68-0998
VALE UNIVERSITY
SHAPE DEPENDENCE OF THE SPECIFIC HEAT OF MAGNETIC SYSTEMS
WITH LONG-RANGE INTERACTIONS
JOURNAL OF APPLIED PHYSICS V39 N2 PART II PP1128-1129 1 FEB
68
BY LEVY P M
LANDAU D P
OAR ACCESS NO.....024760-001
DDC NUMBER.....AD669961
INSTR...AF-0998-1258-67
PROJECT/TASK.....9761/01

AFOSR 68-0999
KAROLINSKA INSTITUTET
DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE
BODY
BY VON ELER V S
OAR ACCESS NO.....005725-010
DDC NUMBER.....AD669553
INSTR...AF-0999-0018-67
PROJECT/TASK.....9777/01

AFOSR 68-1000
UNIVERSIDAD DE CHILE
BIOCHEMICAL PROFILE OF NERVE MEMBRANE FINAL REPORT FEB 1968
BY CANESSA-FISCHER M
VARGAS F
ZAMUDIO I
ZAMBRANO F
CELLINO M
OAR ACCESS NO.....010692-001
DDC NUMBER.....AD669534
INSTR...AF-1000-0788-67
PROJECT/TASK.....9777/01

AFOSR 68-1001
UNIVERSITY OF CALIFORNIA
FERROELECTRICITY AND LATTICE ANHARMONICITY
FERROELECTRICITY BY EDWARD F WELER ELSEVIER PUB CO
AMSTERDAM PP72-100 1967
BY MARADUDIN A A
OAR ACCESS NO.....021070-009
DDC NUMBER.....AD669959
INSTR...AF-1001-1080-66
PROJECT/TASK.....9763/03

AFOSR 68-1002
WESTINGHOUSE ELECTRIC CORP
HIGH FREQUENCY PARAMAGNETIC RESONANCE FINAL REPORT APRIL
1968
BY MERGERIAN D
OAR ACCESS NO.....016820-003
DDC NUMBER.....AD669584
INSTR...AF-1002-49/638/01537
PROJECT/TASK.....9763/02

AFOSR 68-1003
UNIVERSIDAD DE BARCELONA
A FURTHER ADIABATIC INVARIANCE OF THE ACTION INTEGRAL FOR
THE HARMONIC OSCILLATOR
ANALES DE LA REAL SOCIEDAD ESPANOLA DE FISICA Y QUIMICA SER
A V63 PP259-262 SEP-OCT 1967
BY ORAMON A
NAVARRIO L
OAR ACCESS NO.....007563-004
DDC NUMBER.....AD669554
INSTR...AF-1003-0017-64
PROJECT/TASK.....9767/03

AFOSR 68-1004
UNIVERSITY COLLEGE
OPTIMIZATION OF AN X-BAND INTERFEROMETER FOR PLASMA
DIAGNOSTICS
INTERNATIONAL JOURNAL OF ELECTRONICS V22 N6 PP881-885 1967
BY CRONIN J C
SEXTON N C
OAR ACCESS NO.....012292-001
DOC NUMBER.....AD669552
INSTR...AF-EDAR -0032-67
PROJECT/TASK.....9767/03

AFOSR 68-1005
WASHINGTON STATE UNIVERSITY
INVESTIGATION OF PRECURSOR DECAY IN IRON BY THE ARTIFICIAL
VISCOSITY METHOD
JOURNAL OF APPLIED PHYSICS V38 N4 PP1878-1886 15 MARCH 1967
BY JOHNSON J A
BAND W
OAR ACCESS NO.....021000-001
DOC NUMBER.....AD669536
INSTR...AF-AFOSR-1088-66
PROJECT/TASK.....9763/01

AFOSR 68-1006
UNIVERSITY OF MARYLAND
MATRIX PRODUCTS AND THE EXPLICIT 3 6 9 AND 12-J
COEFFICIENTS OF THE REGULAR PRESENTATION OF SU-N
JOURNAL OF MATHEMATICAL PHYSICS V8 N11 PP2194-2205 NOV 1967
BY KAPLAN L M
RESNICKOFF M
OAR ACCESS NO.....002223-017
DOC NUMBER.....AD669550
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 68-1007
PRINCETON UNIVERSITY
RADAR THOMSON SCATTER STUDIES OF PHOTOELECTRONS IN THE
IONOSPHERE AND LANDAU DAMPING
JOURNAL OF GEOPHYSICAL RESEARCH V73 N1 PP97-110 JAN 1968
BY YNGVESSON K O
PERKINS F W
OAR ACCESS NO.....016500-024
DOC NUMBER.....AD670307
INSTR...AF-49/638/01555
PROJECT/TASK.....9769/03

AFOSR 68-1008
PRINCETON UNIVERSITY
OBSERVATIONS OF THE SPATIAL STRUCTURE OF INTERSTELLAR
HYDROGEN I HIGH-RESOLUTION OBSERVATIONS OF A SMALL REGION
THE ASTROPHYSICAL JOURNAL SUPPL 136 V18 PP97-130 DEC 1967
BY HEILES C
OAR ACCESS NO.....016500-025
DOC NUMBER.....AD670306
INSTR...AF-49/638/01555
PROJECT/TASK.....9676/03

AFOSR 68-1009
TEXAS A&M RESEARCH FOUNDATION
RELATION BETWEEN THE BRUECKNER-FROBERG AND NOSANOW CLUSTER
EXPANSIONS
THE PHYSICAL REVIEW V166 N1 PP177-180 5 FEB 1968
BY THICKEY S B
OAR ACCESS NO.....017451-003
DOC NUMBER.....AD669556
INSTR...AF-AFOSR-0918-67
PROJECT/TASK.....9751/02

AFOSR 68-1010
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HARE EARTH METAL SINGLE CRYSTALS II MAGNETIC PROPERTIES OF
THULIUM EUROPIUM SAMARIUM AND YTERBIUM
JOURNAL OF APPLIED PHYSICS V39 N2 PTII PP85-866 1
FEBRUARY 1968
BY SCHIERER M
FOWER S
ODELO R
MCNIFF E J JR
OAR ACCESS NO.....007912-066
DOC NUMBER.....AD669982
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-1011
BRANDEIS UNIVERSITY
POSITIVE DEFINITENESS OF GRAVITATIONAL FIELD ENERGY
PHYSICAL REVIEW LETTERS V20 N2 PP75-78 4 JAN 1968
BY BRILL D H
DESER S
OAR ACCESS NO.....005154-004
DOC NUMBER.....AD669957
INSTR...AF-AFOSR-0368-67
PROJECT/TASK.....9767/04

AFOSR 68-1012
FLORIDA STATE UNIVERSITY
EVIDENCE FOR EXCHANGE EFFECTS IN INELASTIC SCATTERING
PROCESSES FROM ANGULAR CORRELATION DATA
NUCLEAR PHYSICS V107 PP170-176 1968
BY EDWARDS S
ASSOUSA G
OAR ACCESS NO.....005115-017
DOC NUMBER.....AD669960
INSTR...AF-AFOSR-0840-67
PROJECT/TASK.....9751/02

AFOSR 68-1013
INSTITUTE FOR ADVANCED STUDY
CURRENT ALGEBRA AND NONLEPTONIC DECAYS
II MUONO CEMENTO SERX V53A PP327-344 21 JANUARY 1968
BY LI M C
OAR ACCESS NO.....007783-014
DOC NUMBER.....AD669765
INSTR...AF-AFOSR-0042-65
PROJECT/TASK.....9751/01

AFOSR 68-1014
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
APPLICATION OF A TEMPERATURE-OSCILLATION METHOD TO
THERMOMAGNETIC STUDIES OF MAGNETIC PHENOMENA AT LOW
TEMPERATURES
JOURNAL OF APPLIED PHYSICS V39 N2 PART I PP448 1 FEBRUARY
1968
BY ODER R R
OAR ACCESS NO.....007912-066
DOC NUMBER.....AD669781
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-1015
LUND UNIVERSITY
CONTROL OF VENTRICULAR FIBRILLATION DURING INDUCED
HYPOTHERMIA IN CATS AFTER DIFFERENTIAL DEPLETION OF CARDIAC
CATECHOLAMINE STORES WITH PHENYLAMINE /SEGONTIN/
CIRCULATION RESEARCH V21 PP45-58 JULY 1967
BY NIELSEN K C
OWMAN C
OAR ACCESS NO.....014342-004
DOC NUMBER.....AD669763
INSTR...AF-EDAR -0015-67
PROJECT/TASK.....9777/01

AFOSR 68-1016
LUND UNIVERSITY
REMARKABLE ADRENERGIC NERVES IN THE EXOCRINE PANCREAS
ZEITSCHRIFT FUR ZELLPORSCHUNG V63 PP178-186 1967
BY ALM P
GEGRELL L
CHINGER R
FALCK B
OAR ACCESS NO.....014342-008
DOC NUMBER.....AD669764
INSTR...AF-EDAR -0015-67
PROJECT/TASK.....9777/01

AFOSR 68-1017
UNIVERSITA DEGLI STUDI DI PARMA
SPECIFIC AND NON-SPECIFIC ACTIVITIES IN THE CENTRAL VISUAL
PATHWAYS
ATTENEO PARMENSE ACTA BIO-MEDICA V39 N1 PP3-16 1968
BY ANDUINI A
OAR ACCESS NO.....018633-001
DOC NUMBER.....AD670308
INSTR...AF-EDAR -0007-67
PROJECT/TASK.....9777/01

AFOSR 68-1018
STANFORD UNIVERSITY
A NUMERICAL SOLUTION FOR THE LAMINAR WAKE BEHIND A FINITE
FLAT PLATE
BY PLOTKIN A
FLUGGE-LOTZ I
OAR ACCESS NO.....001024-002
DOC NUMBER.....AD669581
INSTR...AF-49/638/01385
PROJECT/TASK.....9749/01

AFOSR 68-1019
AMERICAN MATHEMATICAL SOCIETY
MATHEMATICAL ASPECTS OF COMPUTER SCIENCE PROCEEDINGS OF
SYMPOSIA IN APPLIED MATHEMATICS MATHEMATICAL ASPECTS OF
COMPUTER SCIENCE NEW YORK 5-7 APR 1966 V19 1967
BY SCHWARTZ J T
OAR ACCESS NO.....017261-001
DOC NUMBER.....AD669507
INSTR...AF-49/638/01667
PROJECT/TASK.....9749/01

AFOSR 68-1021
PRINCETON UNIVERSITY
METHOD FOR SOLVING THE KORTEWEG-DE VRIES EQUATION
PHYS REV LETTERS V19 N19 PP1095-1097 6 NOV 67
BY GARDNER C S
GREENE J M
KRUSKAL M D
MIURA R M
OAR ACCESS NO.....016500-016
DOC NUMBER.....AD669667
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 68-1023
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ENHANCED EFFECTIVE EXCHANGE INTERACTION DUE TO LOCALIZED
SPINS IN DILUTE ALLOYS AND RARE EARTH METALS
JOURNAL OF APPLIED PHYSICS V39 N2 PART I PP702-703 1
FEBRUARY 1968
BY KIM O J
OAR ACCESS NO.....007912-052
DOC NUMBER.....AD669719
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-1024
AMERICAN UNIVERSITY
ON THE PROJECTION OF A SELFADJOINT OPERATOR
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V74 N2
PP369-372 MARCH 1968
BY STENGER W
OAR ACCESS NO.....001529-003
DOC NUMBER.....AD669723
INSTR...AF-AFOSR-1308-67
PROJECT/TASK.....9749/01

AFOSR 68-1025
UNIVERSITY OF CALIFORNIA
ANGULAR SIZE OF 3C 273 R
ASTROPHYSICAL JOURNAL LETTERS V149 PP151-152 SEPTEMBER 1967
BY CLARK S G
COHEN M H
JAUNCEY D L
OAR ACCESS NO.....023110-003
DDC NUMBER.....AD669734
INSTR...AF-AFOSR-1260-87
PROJECT/TASK.....9767/02

AFOSR 68-1026
JOHNS HOPKINS UNIVERSITY
ON LIMITS OF RIEMANN SUMS AND THE RANGE OF INTEGRALS
MATH ANNALEN V176 PP208-220 1968
BY HARTMAN P
OAR ACCESS NO.....002403-011
DDC NUMBER.....AD669712
INSTR...AF-69/638/01382
PROJECT/TASK.....9749/01

AFOSR 68-1027
UNIVERSITE LIBRE DE BRUXELLES
SEMI-INVARIANTS IN IRREVERSIBLE STATISTICAL MECHANICS
PHYSICA V34 PP515-524 1967
BY BROCAS J
GEORGE C
OAR ACCESS NO.....002083-006
DDC NUMBER.....AD669721
INSTR...AF-EOAR-0052-64
PROJECT/TASK.....9767/01

AFOSR 68-1028
UNIVERSITE LIBRE DE BRUXELLES
LORENTZ TRANSFORMATIONS IN PHASE SPACE AND IN PHYSICAL SPACE
PHYSICA V33 PP581-594 1967
BY BALESCU R
KOTERA T
PINA E
OAR ACCESS NO.....002081-001
DDC NUMBER.....AD669715
INSTR...AF-61/052/00179
PROJECT/TASK.....9767/01

AFOSR 68-1029
UNIVERSITE LIBRE DE BRUXELLES
ON THE COVARIANT FORMULATION OF CLASSICAL RELATIVISTIC STATISTICAL MECHANICS
PHYSICA V33 PP585-590 1967
BY BALESCU R
KOTERA T
OAR ACCESS NO.....002081-002
DDC NUMBER.....AD669714
INSTR...AF-61/052/00179
PROJECT/TASK.....9767/01

AFOSR 68-1030
GRUMMAN AIRCRAFT ENGINEERING CORP
RESEARCH IN OPTIMIZATION THEORY AND AEROSPACE APPLICATIONS
FINAL REPORT APRIL 1968
BY KOPP R E
OAR ACCESS NO.....013763-010
DDC NUMBER.....AD632238
INSTR...AF-49/638/01512
PROJECT/TASK.....9749/01

AFOSR 68-1031
UNIVERSITY OF MARYLAND
DEGREE OF APPROXIMATION BY RATIONAL FUNCTIONS AND POLYNOMIALS
MICHIGAN MATHEMATICAL JOURNAL V15 PP109-110 1968
BY WALSH J L
OAR ACCESS NO.....021730-008
DDC NUMBER.....AD669702
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-1032
PRINCETON UNIVERSITY
RAPIDLY ROTATING STARS II MASSIVE WHITE DWARFS
THE ASTROPHYSICAL JOURNAL V151 N3 PP1089-1098 MARCH 1968
BY OSTRIKER J P
BODENHEIMER P
OAR ACCESS NO.....016500-010
DDC NUMBER.....AD669711
INSTR...AF-49/638/01555
PROJECT/TASK.....9676/03

AFOSR 68-1033
PRINCETON UNIVERSITY
RAPIDLY ROTATING STARS I THE SELF-CONSISTENT-FIELD METHOD
THE ASTROPHYSICAL JOURNAL V151 N3 PP1075-1088 MARCH 1968
BY OSTRIKER J P
MARK J M K
OAR ACCESS NO.....016500-020
DDC NUMBER.....AD669710
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 68-1034
VANDERBILT UNIVERSITY
PLASMA FRONT STUDIES FINAL REPORT MARCH 1968
BY BARACH J P
OAR ACCESS NO.....013822-002
DDC NUMBER.....AD669752
INSTR...AF-AFOSR-0287-68
PROJECT/TASK.....9767/03

AFOSR 68-1035
AEROSPACE RESEARCH ASSOCIATES INC
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I: THE OBSERVE BLUNT DELTA WING FOR AND EXPERIMENTAL STUDY OF A 70 ANGLE OF ATTACK AT SUPERSONIC
OAR ACCESS NO.....014641-003
DDC NUMBER.....AD673896
INSTR...F44620-67-C-0038
PROJECT/TASK.....9761/01

AFOSR 68-1036
AEROSPACE RESEARCH ASSOCIATES INC
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II: GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC AND HYPERSONIC SPEEDS FINAL REPORT FEB 1968
BY HAZELSKY B
CHAO C C
OAR ACCESS NO.....014641-001
DDC NUMBER.....AD673898
INSTR...F44620-67-C-0038
PROJECT/TASK.....9761/01

AFOSR 68-1037
AEROSPACE RESEARCH ASSOCIATES INC
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III: GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC AND HYPERSONIC SPEEDS FINAL REPORT FEB 1968
BY HAZELSKY B
CHAO C C
OAR ACCESS NO.....014641-002
DDC NUMBER.....AD673849
INSTR...F44620-67-C-0038
PROJECT/TASK.....9761/01

AFOSR 68-1038
UNIVERSITY OF MARYLAND
THEORY OF INTERACTING ELEMENTARY EXCITATIONS IN SOLIDS
FINAL REPORT JUNE 1968
BY FERRELL R A
ORANGE H E
OAR ACCESS NO.....003333-031
DDC NUMBER.....AD676281
INSTR...AF-AFOSR-0738-65
PROJECT/TASK.....9761/01

AFOSR 68-1039
BRANDEIS UNIVERSITY
MANY BODY THEORY AND QUANTUM FLUIDS FINAL REPORT JUNE 1968
BY GROSS E P
OAR ACCESS NO.....002012-001
DDC NUMBER.....AD672846
INSTR...AF-AFOSR-0176-66
PROJECT/TASK.....9767/01

AFOSR 68-1040
POLYTECHNIC INSTITUTE OF BROOKLYN
1967 INTERNATIONAL SYMPOSIUM ON INFORMATION THEORY SAN REMO ITALY 11-16 SEPTEMBER 1967 / ABSTRACTS OF PAPERS ONLY
BY DRENICK R F
OAR ACCESS NO.....022620-001
DDC NUMBER.....AD669824
INSTR...F44620-67-C-0037
PROJECT/TASK.....9749/01

AFOSR 68-1041
UNIVERSITY OF VIENNA
DYNAMICS OF LIQUIDS FINAL REPORT DEC 1967
BY WEINZIERL P
OAR ACCESS NO.....016310-007
DDC NUMBER.....AD669817
INSTR...AF-61/052/00805
PROJECT/TASK.....9767/01

AFOSR 68-1042
NORTH CAROLINA STATE UNIVERSITY
BOUNDARY VALUE PROBLEMS FOR WEDGES AND CONES UNDER HEAT CONDUCTION
BY DAVIS C A
OAR ACCESS NO.....011593-006
DDC NUMBER.....AD669835
INSTR...AF-AFOSR-0444-68
PROJECT/TASK.....9749/01

AFOSR 68-1043
UNIVERSITY OF LEYDEN
ON THE RELATIVISTIC DYNAMICS OF POLARIZED SYSTEMS
PHYSICA V37 PP163-181 1967
BY VLEIEGER J
OAR ACCESS NO.....002652-006
DDC NUMBER.....AD669732
INSTR...AF-EOAR-0090-62
PROJECT/TASK.....9767/01

AFOSR 68-1044
CORNELL UNIVERSITY
A CORRECTING FEED AT 611 MHZ FOR THE A10 REFLECTOR
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION PP482-483 MAY 1967
BY COHEN M H
PERONA G F
OAR ACCESS NO.....500080-044
DDC NUMBER.....AD669753
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 68-1048
CORNELL UNIVERSITY
RADIO RADIATION FROM NORMAL SPINAL GALAXIES
THE ASTROPHYSICAL JOURNAL V180 PP413-419 NOVEMBER 1967
OAR ACCESS NO.....500080-048
DOC NUMBER.....AD669754
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00
BY TERZIAN Y

AFOSR 68-1046
PRINCETON UNIVERSITY
ON THE BLUE END OF THE HORIZONTAL BRANCH IN GLOBULAR CLUSTERS
ASTROPHYSICAL JOURNAL V181 N1 PP389-392 JAN 1968
OAR ACCESS NO.....016500-021
DOC NUMBER.....AD669755
INSTR...AF-49/638/01155
PROJECT/TASK.....9767/03
BY HARTWICK F D A
HARM R
SCHWARZSCHILD M

AFOSR 68-1047
YESHIVA UNIVERSITY
NEW COMPARISON OF THE ANDERSON AND S-D EXCHANGE MODELS
SOLID STATE COMMUNICATIONS V8 N11 PP859-862 1967
OAR ACCESS NO.....005633-011
DOC NUMBER.....AD669759
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9767/01
BY HORWITZ G
FISCH M

AFOSR 68-1048
CORNELL UNIVERSITY
AN UPPER LIMIT TO CURCULARLY POLARIZED RADIATION FROM THE CRAB NEBULA
NATURE V218 NS100 PP493-498 JULY 29 1967
OAR ACCESS NO.....500080-046
DOC NUMBER.....AD661729
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00
BY ANDREW B H
PURTON C R
TERZIAN Y

AFOSR 68-1049
UNIVERSITY OF MIAMI
UNITARY REPRESENTATIONS OF U/2 Z/ AND MASSLESS FIELDS
JOURNAL OF MATHEMATICAL PHYSICS V8 N8 PP1694-1699 AUGUST 1967
OAR ACCESS NO.....014180-006
DOC NUMBER.....AD669872
INSTR...AF-49/638/01260
PROJECT/TASK.....9767/03
BY KURSUNDOGLU M

AFOSR 68-1050
UNIVERSITY OF ROCHESTER
DEGREE OF HIGHER-ORDER OPTICAL COHERENCE
J MATH PHYSICS V8 N9 PP1798-1807 SEP 1967
OAR ACCESS NO.....004624-002
DOC NUMBER.....AD669762
INSTR...AF-AFOSR-1404-68
PROJECT/TASK.....9767/02
BY MEHTA C L

AFOSR 68-1051
CORNELL UNIVERSITY
AN EVOLUTIONARY SEQUENCE FOR STRONG RADIO SOURCES
NATURE V215 NS109 PP1457-1459 SEPTEMBER 30 1967
OAR ACCESS NO.....500080-047
DOC NUMBER.....AD669752
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00
BY SIMON M
DRAKE F D

AFOSR 68-1052
CORNELL UNIVERSITY
NEUTRAL ATMOSPHERIC TEMPERATURES FROM INCOHERENT SCATTER OBSERVATIONS
J OF ATMOSPHERIC SCIENCES V24 N5 PPS88-593 SEPTEMBER 1967
OAR ACCESS NO.....500080-048
DOC NUMBER.....AD669730
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00
BY NISBET J S

AFOSR 68-1053
CORNELL UNIVERSITY
AN ESTIMATE OF THE SURFACE TEMPERATURE OF VENUS INDEPENDENT OF PASSIVE MICROWAVE RADIO METRY
THE ASTROPHYSICAL JOURNAL V149 PP731-733 SEPTEMBER 1967
OAR ACCESS NO.....500080-049
DOC NUMBER.....AD669726
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00
BY SAGAN C

AFOSR 68-1054
CORNELL UNIVERSITY
CHANGES IN VAN ALLEN RADIATION ASSOCIATED WITH POLAR SUBSTORMS
JOURNAL OF GEOPHYSICAL RESEARCH V72 N23 PP9019-9031 1 DEC 67
OAR ACCESS NO.....500080-050
DOC NUMBER.....AD668011
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00
BY JELLY D
BRICE N

AFOSR 68-1055
CORNELL UNIVERSITY
BULK MOTION OF THE MAGNETOSPHERE
JOURNAL OF GEOPHYSICAL RESEARCH V72 N21 PP8193-8211 1 NOV 67
OAR ACCESS NO.....500080-051
DOC NUMBER.....AD669681
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00
BY BRICE N H

AFOSR 68-1056
UNIVERSITY OF ROCHESTER
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION II SPECTRAL CORRELATIONS
THE PHYSICAL REVIEW V166 N1 PP197-206 FEBRUARY 1968
OAR ACCESS NO.....004624-001
DOC NUMBER.....AD6696879
INSTR...AF-AFOSR-1404-68
PROJECT/TASK.....9767/02
BY EBERLY J H
KUJANSKI A

AFOSR 68-1057
UNIVERSITY OF CALIFORNIA
NUMERICAL TECHNIQUES IN MATRIX MECHANICS
JOURNAL OF COMPUTATIONAL PHYSICS V2 N2 PP90-113 NOV 1967
OAR ACCESS NO.....004616-004
DOC NUMBER.....AD669643
INSTR...AF-AFOSR-0130-66
PROJECT/TASK.....9767/01
BY SCHWARTZ C

AFOSR 68-1058
UNIVERSITY OF CALIFORNIA
SEQUENTIAL DECAY THEORY AND SEQUENTIAL TRANSITIONS
THE PHYSICAL REVIEW V165 N1 PP145-157 5 JAN 1968
OAR ACCESS NO.....004616-005
DOC NUMBER.....AD669659
INSTR...AF-AFOSR-0130-66
PROJECT/TASK.....9767/01
BY MOWER L

AFOSR 68-1059
UNIVERSITY COLLEGE OF NORTH WALES
MICROWAVE SPECTRA AND STRUCTURES OF ISOTHIAZOLE 1 2 4 OXADIAZOLE AND IMIDAZOLE
NATURE V216 NS122 P1301 30 DEC 1967
OAR ACCESS NO.....016950-002
DOC NUMBER.....AD669637
INSTR...AF-EDAR -0090-65
PROJECT/TASK.....9767/01
BY GRIFFITHS J H
WARDLEY A
WILLIAMS V E
OWEN N L
SHERIDAN J

AFOSR 68-1060
CORNELL UNIVERSITY
INERTIAL CONFINEMENT OF EXTENDED RADIO SOURCES
NATURE V216 NS111 PP129-131 14 OCT 1967
OAR ACCESS NO.....007443-016
DOC NUMBER.....AD669668
INSTR...AF-49/638/01527
PROJECT/TASK.....9767/02
BY DEYOUNG D S
ARFORD W I

AFOSR 68-1061
YALE UNIVERSITY
VOLTAGE CONTROLLED ATTENUATOR
THE REVIEW OF SCIENTIFIC INSTRUMENTS V39 N1 PP81-82 JAN 1968
OAR ACCESS NO.....018852-001
DOC NUMBER.....AD669661
INSTR...AF-AFOSR-0626-67
PROJECT/TASK.....9767/02
BY KINDLMANN P J

AFOSR 68-1062
PRINCETON UNIVERSITY
COLLISIONAL DAMPING OF A PLASMA ECHO
PHYSICAL REVIEW LETTERS V20 N9 PP427-429 FEB 1968
OAR ACCESS NO.....016500-017
DOC NUMBER.....AD669651
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03
BY SU C H
OBERMAN C

AFOSR 68-1063
UNIVERSITY OF OKLAHOMA
EXCITATION OF THE AP STATES OF HELIUM
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA V57 N12 PP1449-1451 DECEMBER 1967
OAR ACCESS NO.....000085-001
DOC NUMBER.....AD669662
INSTR...AF-AFOSR-0252-67
PROJECT/TASK.....9767/02
BY JOBE J D
ST JOHN R M

AFOSR 68-1064
PRINCETON UNIVERSITY
STATISTICAL EQUILIBRIUM MODEL ATMOSPHERES FOR EARLY-TYPE STARS III HYDROGEN AND HELIUM CONTINUA
STP PHYSICAL JOURNAL V151 N1 PP393-310 JANUARY 1968
OAR ACCESS NO.....016500-018
DOC NUMBER.....AD669677
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03
BY ATHALAS D
STONE M E

AFOSR 68-1068
CORNELL UNIVERSITY
HIGHER ORDER APPROXIMATIONS IN THE THEORY OF LONGITUDINAL
PLASMA OSCILLATIONS
PLASMA PHYSICS VI PART 4 PP483-497 1967
BY RINAUDI F
OXFORD W I
OAR ACCESS NO.....007443-017
DOC NUMBER.....AD669682
INSTR...AF-49/63R/0152P
PROJECT/TASK.....9767/02

AFOSR 68-1069
UNIVERSITY OF MARYLAND
THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS OF BEST
APPROXIMATION III
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V130 N1
PP167-183 JAN 1968
HY WALSH J L
OAR ACCESS NO.....021730-004
DOC NUMBER.....AD669660
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-1067
UNIVERSITY OF ARIZONA
THE USES OF SOCIOLOGY IN THE MILITARY ESTABLISHMENT
THE USES OF SOCIOLOGY EDITED BY PAUL F. LAZARFELD W. H. M.
SEWELL & HAROLD L. WILENSKY BASIC BOOKS INC PP214-274 1967
BY BOBFRS W V
OAR ACCESS NO.....011632-001
DOC NUMBER.....AD669676
INSTR...AF-AFOSR-0091-66
PROJECT/TASK.....9774/02

AFOSR 68-1066
ROYAL UNIVERSITY OF UPSALA
DERIVATION OF THE PRINCIPLE OF COMPENSATION OF DANGEROUS
DIAGRAMS
JOURNAL OF MATHEMATICAL PHYSICS V8 N6 PP1200-1210 JUN 1967
BY ROBE D H
OAR ACCESS NO.....023372-007
DOC NUMBER.....AD669669
INSTR...AF-61/052/00874
PROJECT/TASK.....9767/01

AFOSR 68-1069
ROYAL UNIVERSITY OF UPSALA
SIMPLE AND FUNCTION FOR THE LITHIUM MOLECULE
THE JOURNAL OF CHEMICAL PHYSICS V47 N3 PP906-911 1 AUG 1967
BY RAI D K
CALAIS J L
OAR ACCESS NO.....023372-004
DOC NUMBER.....AD669672
INSTR...AF-61/052/00874
PROJECT/TASK.....9767/01

AFOSR 68-1070
UNIVERSITE LIBRE DE BRUXELLES
A UNIFIED FORMULATION OF THE KINETIC EQUATION
PHYSICA V36 PP46-118 1968
BY HALESCU P
OAR ACCESS NO.....002084-001
DOC NUMBER.....AD669716
INSTR...AF-EDAR-0025-67
PROJECT/TASK.....9767/01

AFOSR 68-1071
YESHIVA UNIVERSITY
BAND-STRUCTURE EFFECTS IN ITINERANT-ELECTRON MAGNETISM II
THE PHYSICAL REVIEW V164 N2 PP662-681 15 DEC 1967
BY ALEXANDER S
MORWITZ G
OAR ACCESS NO.....002833-012
DOC NUMBER.....AD669773
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9767/01

AFOSR 68-1072
UNIVERSITY OF MISSOURI
CONVERGENCE RATES FOR WEIGHTED SUMS OF RANDOM VARIABLES
FINAL REPORT APRIL 1968
BY HANSON D L
OAR ACCESS NO.....015080-010
DOC NUMBER.....AD669771
INSTR...AF-AFOSR-0744-65
PROJECT/TASK.....9747/02

AFOSR 68-1073
UNIVERSITY OF MINNESOTA
LOWER CASE M SUBSCRIPT J MIXING IN ORIENTED A SUPERSCRIPT
2 P SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY
COLLISIONS WITH INERT GASES
THE PHYSICAL REVIEW V164 N1 PP154-165 5 JAN 1968
BY GEMDOWSKI W
KRAUSE L
OAR ACCESS NO.....011113-005
DOC NUMBER.....AD669760
INSTR...AF-AFOSR-0361-67
PROJECT/TASK.....9767/02

AFOSR 68-1074
UNIVERSIDAD DE BARCELONA
A GROUP THEORETICAL DERIVATION OF MAXWELL EQUATIONS
ANALISIS DE LA REAL SOCIEDAD ESPANOLA DE FISICA Y QUIMICA 54A
A V63 N5-6 PP163-184 MAY-JUNE 1967
BY HOYA L J
DE ATCARRAGA J A
OAR ACCESS NO.....007563-004
DOC NUMBER.....AD669758
INSTR...AF-49-63R/017-64
PROJECT/TASK.....9767/03

AFOSR 68-1075
YALE UNIVERSITY
PRESSURE DEPENDENCE OF DIELECTRIC CONSTANT AND DENSITY OF
LIQUIDS
JOURNAL PHYSICAL CHEMISTRY V72 N3 PP1087-1096 MARCH 1968
BY SKINNER J P
CUSLER E L
FUOSS R M
OAR ACCESS NO.....013830-004
DOC NUMBER.....AD669713
INSTR...AF-AFOSR-0244-63
PROJECT/TASK.....9760/02

AFOSR 68-1076
UNIVERSITY OF MARYLAND
NOTE ON CLASSES OF FUNCTIONS DEFINED BY INTEGRATED
LIPSCHITZ CONDITIONS
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V74 N2
PP344-346 MAR 1968
HY WALSH J L
OAR ACCESS NO.....021730-010
DOC NUMBER.....AD669701
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-1077
VANDERBILT UNIVERSITY
SPECTROGRAPHIC MEASUREMENTS OF ELECTRIC SHOCK TUBE FLOW
PHYSICS OF FLUIDS V11 N1 PP69-85 JAN 68
BY BARICH J P
MAYES T W
OAR ACCESS NO.....013882-003
DOC NUMBER.....AD669725
INSTR...AF-AFOSR-0267-66
PROJECT/TASK.....9767/03

AFOSR 68-1078
UNIVERSITE LIBRE DE BRUXELLES
TRANSFORMATION PROPERTIES OF THE KINETIC EQUATIONS
BULLETIN DE LA CLASSE DES SCIENCES SER 5 PP623-641 1967
BY GEORGE C
OAR ACCESS NO.....002083-007
DOC NUMBER.....AD669718
INSTR...AF-EDAR-0052-64
PROJECT/TASK.....9767/01

AFOSR 68-1079
ROYAL UNIVERSITY OF UPSALA
ON THE CHOICE OF SPIN FUNCTIONS IN THE AMO METHOD
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY VI PP61-840
1967
BY LINDNER P
LUNELL S
OAR ACCESS NO.....023372-009
DOC NUMBER.....AD669717
INSTR...AF-61/052/00874
PROJECT/TASK.....9767/01

AFOSR 68-1080
OXFORD UNIVERSITY
THERMAL CONDUCTIVITY OF SOLID 4HE AND OF ISOTOPIC MIXTURES
AT HIGH DENSITIES
PHYSICS LETTERS V25A N5 PP185-186 29 JAN 1968
BY GERMAN R
GUARDS C L
DAY C H
SAMPLE M H
OAR ACCESS NO.....027890-001
DOC NUMBER.....AD669761
INSTR...F61052-67-C-0082
PROJECT/TASK.....9767/01

AFOSR 68-1081
CALIFORNIA INSTITUTE OF TECHNOLOGY
ELECTRIC DIPOLE RADIATION IN ISOTROPIC AND UNIAXIAL
PLASMAS
TECH REPORT NO 44
BY KENNY J J
OAR ACCESS NO.....000153-002
DOC NUMBER.....AD672267
INSTR...AF-AFOSR-1400-68
PROJECT/TASK.....9768/02

AFOSR 68-1082
HOOVER POLYTECHNIC INSTITUTE OF
AN ALGORITHMIC METHOD FOR ORGANIZING CHECKING EXPERIMENTS
PIEFOR 0006 P18R108-1387
BY GUNFNC G
OAR ACCESS NO.....001689-053
DOC NUMBER.....AD67158
INSTR...AF-49/63R/01402
PROJECT/TASK.....4751/00

AFOSR 68-1083
UNIVERSITY OF TEXAS AT AUSTIN
RELATIVISTICALLY INTERSTREAMING BOUNDED PLASMA
INTERACTIONS
BY MARTIN G P
LIKUSKI M K
OAR ACCESS NO.....015242-067
DOC NUMBER.....AD672283
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-1085
UNIVERSITY OF CALIFORNIA
THE INFLUENCE OF DAMPING ON THE SNAPPING OF A SHALLOW ANCH
UNDER A STEP PRESSURE LOAD
BY MEGMIER G A
TZUNG F
OAR ACCESS NO.....022780-009
DOC NUMBER.....AD671545
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9762/01

AFOSR 68-1086
CALIFORNIA INSTITUTE OF TECHNOLOGY
A MULTIPLE SCATTERING PROBLEM
TECHNICAL REPORT NO 43
BY VANDYBIS A D
OAR ACCESS NO.....000183-003
DOC NUMBER.....AD678093
INSTR...AF-AFOSR-1400-68
PROJECT/TASK.....9708/02

AFOSR 68-1087
CORNELL UNIVERSITY
RE-EXAMINATION OF THE SOURCE COUNTS FOR THE JC REVISED
CATALOGUE
NATURE V210 N518 PP877-878 2 DEC 1967
BY JAUNCFY D L
OAR ACCESS NO.....500000-052
DOC NUMBER.....AD669894
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 68-1088
CORNELL UNIVERSITY
GALACTIC HII REGIONS III THE NATURE OF THE RADIO SOURCE V49
THE ASTROPHYSICAL JOURNAL V150 PP807-823 DEC 1967
BY MEZGER P G
SCHWAMM J
TFRZIAN Y
OAR ACCESS NO.....500000-053
DOC NUMBER.....AD669887
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 68-1089
CORNELL UNIVERSITY
NEW LIMITS ON THE DIAMETERS OF RADIO SOURCES
THE ASTROPHYSICAL JOURNAL V150 PP767-782 DECEMBER 1967
BY CHEN M H
GUNDERMAN E J
HARRIS D F
OAR ACCESS NO.....500000-054
DOC NUMBER.....AD667432
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 68-1090
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A HISTORY OF INTENSE MAGNETIC FIELDS AND THEIR CONTRIBUTION
TO PHYSICS
PHOC INTERNAL CONF ON HIGH MAGNETIC FIELDS THEIR PRODUCTION
AND APPLICATION GRENDEL SEPT 1966 PUBL IN COLLOQUES
INTERNATIONAUX DU CNRS N140 PP19-29 1967
BY BITTEN F
OAR ACCESS NO.....007912-053
DOC NUMBER.....AD661514
INSTR...F44620-67-C-0067
PROJECT/TASK.....9764/01

AFOSR 68-1091
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MUSCHAUER EFFECT IN IRON FIFTY-SEVEN IN COPPER AND THE
SPIN-COMPENSATED STATE
JOURNAL OF APPLIED PHYSICS V39 N2 PART 1 PP698-679 1 FEB
1968
BY SCHWARTZ H B
NAN100
FRANKEL R R
BLAUM N A
OAR ACCESS NO.....007912-054
DOC NUMBER.....AD669886
INSTR...F44620-67-C-0067
PROJECT/TASK.....9764/01

AFOSR 68-1092
UNIVERSITY OF CALIFORNIA
ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS II
SPECTROSCOPIC EFFECTS OF PHENYL SUBSTITUTION IN BENZYL
ANIONS /GERMAN/
CHEMISCHE NACHRICHTEN V101 PP672-680 1968
BY HAFELINGER G
STREITWIESER A JH
OAR ACCESS NO.....020091-001
DOC NUMBER.....AD669922
INSTR...AF-AFOSR-1304-68
PROJECT/TASK.....9762/01

AFOSR 68-1093
UNIVERSITE LIEGE DE BRUXELLES
ON THE THEORY OF UNSTABLE PLASMAS IN THE WING APPROXIMATION
I
BULLETIN DE LA CLASSE DES SCIENCES SEHS PP642-662 1967
BY GRECUS A M
OAR ACCESS NO.....002094-002
DOC NUMBER.....AD669911
INSTR...AF-FOAR -0025-67
PROJECT/TASK.....9767/01

AFOSR 68-1094
UNIVERSITA DEGLI STUDI DI MILANO
LOCAL MODES AND RESONANCE SCATTERING OF LATTICE WAVES DUE
TO POINT DEFECTS OPTICAL AND THERMAL PROPERTIES OF
IMPERFECT CRYSTALS
N R S NISC PUBL N 2AF PP161-177 1965
BY BENFEDER G
WARFELLI G F
OAR ACCESS NO.....013160-005
DOC NUMBER.....AD669910
INSTR...AF-FOAR -0005-65
PROJECT/TASK.....9761/01

AFOSR 68-1095
UNIVERSITY OF CHICAGO
STUDIES OF THE ELECTRONIC STATES OF SIMPLE LIQUIDS
ACCOUNTS OF CHEMICAL RESEARCH V1 PPRI-86 JAN 1968
BY RICE S A
OAR ACCESS NO.....015081-023
DOC NUMBER.....AD669913
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-1096
YALE UNIVERSITY
MUONIUM CHEMISTRY II
THE JOURNAL OF CHEMICAL PHYSICS V47 N8 PP3074-3075 15 OCT
1967
BY MOBLEY R M
AMATO J J
HUGHES V W
ROTHBERG J E
THOMPSON D A
OAR ACCESS NO.....012315-004
DOC NUMBER.....AD669890
INSTR...AF-AFOSR-0249-67
PROJECT/TASK.....9767/02

AFOSR 68-1097
YALE UNIVERSITY
QUANTUM THEORY OF AN OPTICAL MASER II SPECTRAL PROFILE
THE PHYSICAL REVIEW V166 N2 PP246-249 10 FEB 1968
BY SCULLY M O
LAMM W E JH
OAR ACCESS NO.....012315-005
DOC NUMBER.....AD669893
INSTR...AF-AFOSR-0249-67
PROJECT/TASK.....9767/02

AFOSR 68-1098
PRINCETON UNIVERSITY
TIME OF RELAXATION I UNBOUNDED MEDIUM
THE ASTROPHYSICAL JOURNAL V151 N2 PP874-886 FEB 1968
BY OSTRIKER J P
DAVIDSEN A F
OAR ACCESS NO.....016300-022
DOC NUMBER.....AD669908
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 68-1099
UNIVERSITY OF ADELAIDE
DETERMINATION OF PARTIAL PHOTOIONIZATION CROSS SECTIONS BY
PHOTOELECTRON SPECTROSCOPY
THE JOURNAL OF CHEMICAL PHYSICS V47 N3 PP1018-1044 1 AUG 1967
BY BLAKE A J
CARVEN J H
OAR ACCESS NO.....020520-001
DOC NUMBER.....AD669909
INSTR...AF-AFOSR-1131-66
PROJECT/TASK.....9767/01

AFOSR 68-1100
UNIVERSITY OF SYDNEY
THE STELLAR INTERFEROMETER AT MAMRAH OBSERVATORY - I
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY V137 N4
PP375-392 1967
BY ROBIN R H
DAVIS F
ALLEN L H
OAR ACCESS NO.....013801-001
DOC NUMBER.....AD669912
INSTR...AF-AFOSR-0302-66
PROJECT/TASK.....9774/01

AFOSR 68-1101
BATTELLE MEMORIAL INSTITUTE
HEAVY ION ANALYSIS
DISLOCATION DYNAMICS EDITED BY ROSENFELD PAMM REMENT AND
JAFFEE MCGRAW-HILL NEW YORK PP161-173 1968
BY HOBART H H
OAR ACCESS NO.....016380-004
DOC NUMBER.....AD669940
INSTR...AF-AFOSR-0831-65
PROJECT/TASK.....9761/01

AFOSR 68-1102
JOHNS HOPKINS UNIVERSITY
CONSIDERING STATISTICAL AND TIME AVERAGES IN A REGULATION
PROBLEM
THE JOURNAL OF THE ROYAL STATISTICAL SOCIETY V29 N3 SEP 6
PP475-488 1967
BY KOUNIAS E
OAR ACCESS NO.....014670-012
DOC NUMBER.....AD669906
INSTR...AF-49/638/01302
PROJECT/TASK.....9769/02

AFOSR 68-1103
MELLON INSTITUTE OF RESEARCH
SCHE PROPERTIES OF GASES WITH VIBRATIONAL RELAXATION WHEN
VIBRO AS MATERIALS WITH MEMORY
MECHANICA V2 N3 PP135-140 SEPTEMBER 1967
BY COLEMAN H D
GUNTIN M F
OAR ACCESS NO.....015271-009
DOC NUMBER.....AD669970
INSTR...AF-AFOSR-0720-66
PROJECT/TASK.....9749/01

AFOSR 68-1104
STANFORD UNIVERSITY
CONVOLUTION EQUATIONS IN CONVEX DOMAINS
INVENTIONS MATH V4 PP356-317 1968
BY NIMMANDER L
OAR ACCESS NO.....019233-009
DOC NUMBER.....AD669905
INSTR...AF-49/638/01345
PROJECT/TASK.....9764/01

AFOSR 68-1105
YALE UNIVERSITY
THEORY OF A ZEEHAN LASER I
THE PHYSICAL REVIEW V164 N2 PP436-449 10 DEC 1967
BY SARGENT M III
LAND V E JR
FORK R L
OAR ACCESS NO.....012319-000
DOC NUMBER.....AD669888
INSTR...AF-AFOSR-0249-67
PROJECT/TASK.....9767/02

AFOSR 68-1106
YALE UNIVERSITY
THEORY OF A ZEEHAN LASER II
THE PHYSICAL REVIEW V164 N2 PP450-465 10 DEC 1967
BY SARGENT M III
LAND V E JR
FORK R L
OAR ACCESS NO.....012319-007
DOC NUMBER.....AD669889
INSTR...AF-AFOSR-0249-67
PROJECT/TASK.....9767/02

AFOSR 68-1107
YALE UNIVERSITY
NUCLEAR QUADRUPOLE MOMENTS OF THE NEUTRON DEFICIENT
ISOTOPES 131CS AND 132CS
PHYSICS LETTERS V289 N6 PP367-368 19 FEB 1968
BY ACKENMANN F
OTTEN F W
PUTLITZ G Z
SCHENCK A
ULLRICH S
OAR ACCESS NO.....012319-008
DOC NUMBER.....AD669892
INSTR...AF-AFOSR-0249-67
PROJECT/TASK.....9767/02

AFOSR 68-1108
PRINCETON UNIVERSITY
FORMULATION OF THE THEORY TURBULENCE
THE PHYSICS OF FLUIDS VII N1 PP43-60 JANUARY 1968
BY ORSZAG A
KRUSKAL D
OAR ACCESS NO.....016500-023
DOC NUMBER.....AD669909
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 68-1109
WASHINGTON STATE UNIVERSITY
FACTORS AFFECTING THE INITIAL PLASTIC BEHAVIOR OF CLOSE
PACKED METAL SINGLE CRYSTALS FINAL REPORT APRIL 1968
BY TENDER R F
OAR ACCESS NO.....016550-001
DOC NUMBER.....AD670228
INSTR...AF-AFOSR-0833-65
PROJECT/TASK.....9763/01

AFOSR 68-1110
SOUTHERN ILLINOIS UNIVERSITY
THE PRESSURE FIELD AND THE INTERNAL CONSTITUTION OF THE
EARTH
TECTONOPHYSICS V3 N4 PP287-294 1968
BY AMOROS J L
MIGUEL A S
OAR ACCESS NO.....018501-004
DOC NUMBER.....AD669921
INSTR...AF-AFOSR-0596-66
PROJECT/TASK.....9763/02

AFOSR 68-1111
CITY COLLEGE RESEARCH FOUNDATION
RESISTIVITY OF THE 4D TRANSITION SERIES RU-RH-PD-AG
CONTAINING FE
JOURNAL OF APPLIED PHYSICS V39 N2 PART 1 PP699-701 1 FEB
1968
BY SARACHIK M P
OAR ACCESS NO.....017081-002
DOC NUMBER.....AD669906
INSTR...AF-AFOSR-0894-67
PROJECT/TASK.....9763/03

AFOSR 68-1112
UNIVERSITY OF CALIFORNIA
EQUILIBRIUM APPROACH TO SECOND SOUND IN SOLIDS
THE PHYSICAL REVIEW V156 N2 PP494-500 10 APRIL 1967
BY SHAM L J
OAR ACCESS NO.....021070-010
DOC NUMBER.....AD669915
INSTR...AF-AFOSR-1080-68
PROJECT/TASK.....9763/03

AFOSR 68-1113
WASHINGTON STATE UNIVERSITY
STEADY PROFILE OF A FINITE-AMPLITUDE KINEMATIC WAVE ON A
GLACIER
JOURNAL OF GLACIOLOGY V7 N49 PP117-119 1968
BY JOHNSON J M
OAR ACCESS NO.....021000-002
DOC NUMBER.....AD669914
INSTR...AF-AFOSR-1088-68
PROJECT/TASK.....9763/01

AFOSR 68-1114
UNITED AIRCRAFT CORP
COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS FINAL REPORT
JUNE 1968
BY SHANNON L J
OAR ACCESS NO.....017510-004
DOC NUMBER.....AD135022
INSTR...AF-49/638/01551
PROJECT/TASK.....9711/01

AFOSR 68-1115
UNIVERSITY OF ILLINOIS
EFFECTS OF MULTIPLY-CHARGED GOLD IMPURITY ON THE BREAKDOWN
VOLTAGE OF SILICON P-N JUNCTIONS
APPLIED PHYSICS LETTERS V12 N4 PP141-142 15 FEBRUARY 1968
BY SAM C T
SCHROEDER D R
OAR ACCESS NO.....003413-007
DOC NUMBER.....AD669908
INSTR...AF-AFOSR-0710-67
PROJECT/TASK.....9763/02

AFOSR 68-1116
LEHIGH UNIVERSITY
LIFETIME OF THE TRIPLET N CENTER IN ALKALI HALIDE
CRYSTALS
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS V29 PP321-323
1968
BY FOWLER M B
OAR ACCESS NO.....027530-002
DOC NUMBER.....AD669909
INSTR...AF-AFOSR-1276-67
PROJECT/TASK.....9761/01

AFOSR 68-1117
STANFORD UNIVERSITY
GRAVITATIONAL EXPERIMENTS WITH A CYLINDRICAL GALAXY
THE ASTROPHYSICAL JOURNAL V150 N3 PP797-806 DEC 1967
BY HOCKNEY R W
OAR ACCESS NO.....006562-012
DOC NUMBER.....AD670132
INSTR...AF-49/638/01321
PROJECT/TASK.....9767/02

AFOSR 68-1118
JOHNS HOPKINS UNIVERSITY
TIME SERIES WITH PERIODIC STRUCTURE
BIOMETRIKA V54 N314 PP403-408 1967
BY JONES K M
BRELSFORD W M
OAR ACCESS NO.....014670-013
DOC NUMBER.....AD670130
INSTR...AF-49/638/01302
PROJECT/TASK.....9749/02

AFOSR 68-1119
OHIO UNIVERSITY
AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON
SCATTERING - HEAVY NUCLEI
NUOVO CIMENTO SERX V53d PP363-397 11 FEB 1968
BY CASSOLA R L
KOSHEL R D
OAR ACCESS NO.....016669-011
DOC NUMBER.....AD669906
INSTR...AF-AFOSR-0894-65
PROJECT/TASK.....9761/01

AFOSR 68-1120
CORNELL UNIVERSITY
VERTICAL MOVEMENT OF TEMPERATURE-ZONE SPORADIC E LAYERS
J OF GEOPHYSICAL RESEARCH V73 N1 PP111-117 1 JAN 1968
BY CHINOMAS G
AXFORD W I
OAR ACCESS NO.....000000-055
DOC NUMBER.....AD669974
INSTR...AF-49/638/01156
PROJECT/TASK.....9763/00

AFOSR 68-1121
CORNELL UNIVERSITY
LUNAR OCCULTATION STUDIES OF SIX WEAK RADIO SOURCES
THE ASTRONOMICAL JOURNAL V72 N7 P801 SEP 1967
BY GALKIS S
HAZARD C
SUTTON J
OAR ACCESS NO.....000000-057
DOC NUMBER.....AD669975
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 68-1122
STANFORD UNIVERSITY
STANFORD RADIO ASTRONOMY INSTITUTE
ASTRONOMICAL JOURNAL V72 N10 P1274 DECEMBER 1967
BY BRACEWELL R W
OAR ACCESS NO.....000143-004
DOC NUMBER.....AD670133
INSTR...AF-49/638/01378
PROJECT/TASK.....9767/02

AFOSR 68-1123
UNIVERSITY OF WINDSON
COLLISIONAL DISALIGNMENT OF MAGNETICALLY ORIENTED SUPER SP
ALKALI ATOMS
BULLETIN OF THE AMERICAN PHYSICAL SOCIETY SER II V13 N1 P68
JAN 1968
BY BERDOWSKI W
SHINER T
KRAUSE L
OAR ACCESS NO.....011113-004
DOC NUMBER.....AD669973
INSTR...AF-AFOSR-0361-67
PROJECT/TASK.....9767/02

AFOSR 68-1124
CORNELL UNIVERSITY
ROTATION AND HEATING OF THE PLANET MERCURY
NATURE V214 N5095 PP1315-1316 24 JUN 1967
BY SOTER S
ULRICH S J
OAR ACCESS NO.....000000-054
DOC NUMBER.....AD669977
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 66-1125
CORNELL UNIVERSITY
INCOHERENT BACKSCATTER STUDY OF ELECTRON CONTENT AND
EQUIVALENT SLAB THICKNESS
J OF GEOPHYSICAL RESEARCH V 73 N7 PP2477-2486 1 APR 1968
BY NARAJAN K K
RAO P B
PRASAD S S
OAR ACCESS NO.....500080-058
DOC NUMBER.....AD649972
INSTR...AF-49/638/01156
PROJECT/TASK.....2838

AFOSR 66-1126
CORNELL UNIVERSITY
ELECTRON CONCENTRATIONS AND ELECTRON AND ION TEMPERATURES
IN THE E REGION FOR MAGNETICALLY QUIET AND DISTURBED
CONDITIONS
J OF GEOPHYSICAL RESEARCH V 73 N5 PP1681-1678 1 MAR 1968
BY RAO P B
OAR ACCESS NO.....500080-059
DOC NUMBER.....AD649978
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 66-1127
CORNELL UNIVERSITY
LUNAR DELAY-DOPPLER MAPPING
WHEAT RECORD (PER-PUBLICATIONS) NF-85 PP178-179 1967
BY THOMPSON S S
OAR ACCESS NO.....500080-060
DOC NUMBER.....AD649978
INSTR...AF-49/638/01156
PROJECT/TASK.....2838/00

AFOSR 66-1128
OREGON STATE UNIVERSITY
DISCUSSION OF CADMIUM 2 PLUS IONS IN SINGLE-CRYSTAL
SODIUM CHLORIDE
CHEM PHYS V 67 N8 PP3068-3072 15 OCTOBER 1967
BY ALLEN C A
IRELAND D T
FREDERICKS B J
OAR ACCESS NO.....011811-003
DOC NUMBER.....AD669971
INSTR...AF-APDSR-0217-66
PROJECT/TASK.....9761/02

AFOSR 66-1130
UNIVERSITY OF CALIFORNIA
TEMPERATURE PROPAGATION IN ANHARMONIC SOLIDS
THE PHYSICAL REVIEW V 163 N2 PP401-407 10 NOV 1967
BY SHAM L J
OAR ACCESS NO.....021070-011
DOC NUMBER.....AD669985
INSTR...AF-APDSR-1080-66
PROJECT/TASK.....9763/03

AFOSR 66-1137
NEW YORK UNIVERSITY
MANY-BODY PHYSICS
BY PERCUS J
OAR ACCESS NO.....015680-002
DOC NUMBER.....AD670182
INSTR...AF-APDSR-0940-65
PROJECT/TASK.....9767/01

AFOSR 66-1138
DURE UNIVERSITY
FURTHER INVESTIGATIONS ON THE MICROWAVE SPECTRUM OF NSP
EVALUATION OF THE MOLECULAR FORCE FIELD CENTRIFUGAL
DISTORTION CONSTANTS AND THE DIPOLE MOMENT
JOURNAL OF CHEMICAL PHYSICS V 47 N11 PP2821-2827 1 DECEMBER
1967
BY COME R L
KINGLIDG B L
OAR ACCESS NO.....000274-010
DOC NUMBER.....AD669988
INSTR...AF-APDSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 66-1147
UNIVERSITY OF CALIFORNIA
SOME CONSPIRACY AND SUPERCONVERGENCE PROPERTIES OF
SCATTERING AMPLITUDES IN THE HELIUM FORMALISM
MODIO CINETIC SER 4 V 53A N1 PP54-68 1 JAN 1968
BY BANDAM E R
SEURE G
OAR ACCESS NO.....000130-024
DOC NUMBER.....AD670201
INSTR...AF-APDSR-0230-66
PROJECT/TASK.....9767/04

AFOSR 66-1152
UNIVERSITY OF CALIFORNIA
ALGEBRAIC CLASSIFICATION OF MEGGE POLY
PHYSICAL REVIEW V 163 N2 PP1004-1010 25 JAN 1968
BY DUMMER G
TINNEY G L
OAR ACCESS NO.....005130-026
DOC NUMBER.....AD670201
INSTR...AF-APDSR-0230-66
PROJECT/TASK.....9767/04

AFOSR 66-1153
TEXAS A&M UNIVERSITY
EFFECT OF HELIUM AND TH-IMPURITIES
NUCLEONIC RADIATION SER 2 V 54A P 155-161 10 MAR 1968
BY UNRAVE R A
OAR ACCESS NO.....017001-000
DOC NUMBER.....AD670207
INSTR...AF-APDSR-0710-67
PROJECT/TASK.....9767/02

AFOSR 66-1154
UNIVERSITY OF BERGEN
EAST-WEST MOVEMENTS OF RAINFALL SURFACES (ZONE 2-4) 1961-1966
JOURNAL OF ATMOSPHERIC AND TERRESTRIAL PHYSICS V 32
PP204-212 FEBRUARY 1966
BY HROUSTAD K
THRELL H
OAR ACCESS NO.....017001-001
DOC NUMBER.....AD670207
INSTR...AF-APDSR-0710-67
PROJECT/TASK.....9767/04

AFOSR 66-1155
UNIVERSITY OF MINNESOTA
RESEARCH IN THE ONE-STEP D-M-SERIES
PHYSICAL REVIEW V 163 N2 PP1004-1010 25 JAN 1968
BY DUMMER G
TINNEY G L
OAR ACCESS NO.....005130-026
DOC NUMBER.....AD670201
INSTR...AF-APDSR-0230-66
PROJECT/TASK.....9767/04

AFOSR 66-1156
WASHINGTON STATE UNIVERSITY
ELECTRIC PROPERTIES OF QUANTIZED POLYMER FILMS AND
CHEMICAL FILMS
JOURNAL OF APPLIED PHYSICS V 39 N11 PP4070-4075 1 NOV 1967
BY JOHNSON A J
OAR ACCESS NO.....009310-035
DOC NUMBER.....AD670207
INSTR...AF-APDSR-0710-67
PROJECT/TASK.....9767/04

AFOSR 68-1147
UNIVERSITY OF BRITISH COLUMBIA
THEORY OF ELLIPTIC BOUNDARY PROBLEMS FINAL REPORT MAY 1968
OAR ACCESS NO.....008674-002
BY SHANSON C A DDC NUMBER.....AD670181
CLARK C W INSTR...AF-AFOSR-0370-67
PROJECT/TASK.....9749/01

AFOSR 68-1148
MCMASTER UNIVERSITY
THE DIFFUSIONAL PROPERTIES OF OXYGEN IN NIOBIUM
PENTOXIDE CRYSTALS AND SCALES FORMED ON NIOBIUM
JOURNAL OF THE ELECTROCHEMICAL SOCIETY V118 N4 APRIL 1968
OAR ACCESS NO.....005703-007
BY SNEASBY J S DDC NUMBER.....AD670330
SHELTZER W V INSTR...AF-AFOSR-0515-68
JENKINS A E PROJECT/TASK.....9763/01

AFOSR 68-1149
UNIVERSITY OF VIRGINIA
VALENCE SHELL CALCULATIONS ON POLYATOMIC MOLECULES II CNDO
SCF CALCULATIONS ON MONOSUBSTITUTED BENZENES
THE JOURNAL PHYSICAL CHEMISTRY V72 N2 PP716-722 FEB 1968
OAR ACCESS NO.....022770-001
BY BLOOR J E DDC NUMBER.....AD669976
GREEN D L INSTR...AF-AFOSR-1184-67
PROJECT/TASK.....9762/01

AFOSR 68-1150
RICE UNIVERSITY
DETECTION OF GAMMA RADIATION FROM THE CYGNUS REGION
THE ASTROPHYSICAL JOURNAL V151 PPL125-L129 MARCH 1968
OAR ACCESS NO.....010572-002
BY HAYNES R C DDC NUMBER.....AD669901
ELLIS D V INSTR...F44620-67-C-0062
PISHMAN G J PROJECT/TASK.....9751/04
GLENN S B
KURPES J D

AFOSR 68-1151
RICE UNIVERSITY
DETECTION OF HARD X-RADIATION FROM VIRGO
THE ASTROPHYSICAL JOURNAL V151 PP L131-L134 MARCH 1968
OAR ACCESS NO.....010572-003
BY HAYNES R C DDC NUMBER.....AD670293
ELLIS D V INSTR...F44620-67-C-0062
PISHMAN G J PROJECT/TASK.....9751/04
GLENN S B
KURPES J D

AFOSR 68-1152
UNIVERSITY OF COLORADO
MATRIX ELEMENTS OF REPRESENTATIONS OF NON-COMPACT GROUPS IN
A CYCLOTOMIC BASIS
COMMUN. MATH. PHYS V8 N1 PP62-65 13 MAR 1968
OAR ACCESS NO.....013082-002
BY BARUT A G DDC NUMBER.....AD670305
PHILLIPS C C INSTR...AF-AFOSR-0030-67
PROJECT/TASK.....9741/01

AFOSR 68-1153
STANFORD UNIVERSITY
ANALYSIS OF THERMODYNAMIC EXCESS PROPERTIES OF LIQUID
MIXTURES OF ANILINE AND ACETON
TRANSACTIONS OF THE CANADIAN SOCIETY V64 N546 P75
PP188-1197 MAY 1968
OAR ACCESS NO.....010301-03A
BY MECKER H DDC NUMBER.....AD670315
FLOREY P J INSTR...AF-49/638/01341
PROJECT/TASK.....9768/03

AFOSR 68-1154
WASHINGTON UNIVERSITY
RELAXATION AND MOTION IN SIMPLE SYSTEMS FINAL REPORT MAY
1968
OAR ACCESS NO.....002193-002
BY KUNBERG H R DDC NUMBER.....AD670175
INSTR...AF-AFOSR-1119-66
PROJECT/TASK.....9767/01

AFOSR 68-1155
YALE UNIVERSITY
ELECTRIC NUCLEAR QUADRUPOLE MOMENT OF CESIUM 133 /GYNHAN/
FETTER REPORT FOR HYPERFINE P229-24 1-68
OAR ACCESS NO.....012310-009
BY WERNERBERG C DDC NUMBER.....AD669911
KIMBLE M INSTR...AF-AF146-0240-67
LUMFELT G PROJECT/TASK.....9767/02

AFOSR 68-1156
UNIVERSITY OF CALIFORNIA
CENTROFUGAL EFFECTS IN THE S-TYPE STAR HR 1105
ASTROPHYSICAL JOURNAL V152 N1 PP169-179 APRIL 1968
OAR ACCESS NO.....000581-035
BY SCHWAB A DDC NUMBER.....AD670314
DAVIS M N INSTR...AF-49/638/01323
PROJECT/TASK.....9774/01

AFOSR 68-1157
UNIVERSITY OF WISCONSIN
NEW ANIONIC REARRANGEMENTS VIII 1 4-ANIONIC REARRANGEMENT
OF SILYLETHYLENEDIAMINES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N3 PP727-731 31 JAN
1968
OAR ACCESS NO.....019960-006
BY WEST R DDC NUMBER.....AD669919
ISHIKAWA M INSTR...AF-AFOSR-1091-66
HUMAI S PROJECT/TASK.....9762/02

AFOSR 68-1158
STANFORD UNIVERSITY
OPTIMUM LINEAR TRANSMISSION OF ANALOG DATA FOR CHANNELS
JANUARY 1968
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-14 N1 PP38-43
OAR ACCESS NO.....017360-010
BY OMURA J K DDC NUMBER.....AD669907
INSTR...AF-49/638/01517
PROJECT/TASK.....9749/01

AFOSR 68-1159
YESHIVA UNIVERSITY
EXTREMAL PROBLEMS IN THE CLASS OF CLOSE-TO-CONVEX FUNCTIONS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V129 N3
PP466-478 DECEMBER 1967
OAR ACCESS NO.....020940-005
BY PINCHUK B DDC NUMBER.....AD670279
INSTR...AF-AFOSR-1077-66
PROJECT/TASK.....9749/02

AFOSR 68-1160
UNIVERSITY OF TEXAS AT AUSTIN
COMPUTER APPROXIMATIONS
JOHN WILEY & SONS INC N Y 1968
OAR ACCESS NO.....014081-004
BY HART J F DDC NUMBER.....AD670197
CHENEY E W INSTR...AF-AFOSR-0467-64
LAWSON C L PROJECT/TASK.....9749/01
MAEHLI M J
RESZTENYI C K

AFOSR 68-1162
SOUTHWEST RESEARCH INSTITUTE
NONDESTRUCTIVE EVALUATION OF METAL FATIGUE
OAR ACCESS NO.....018571-003
BY KUSENBERGER F N DDC NUMBER.....AD670926
LEONARD H E INSTR...AF-49/638/01502
FRANCIS P M PROJECT/TASK.....9782/01
BARTON J R
DONALDSON W L

AFOSR 68-1163
INST NACIONAL DE TECNICA AEROSPACIAL
FLAME PROPAGATION OVER THE SURFACE OF A PLASTIC FUEL IN AN
OXIDIZING ATMOSPHERE FINAL REPORT OCT 1967
OAR ACCESS NO.....013604-001
BY TARIFA C S DDC NUMBER.....AD670229
TORRALDO P M INSTR...AF-EOAR-0042-66
DEL NOTARIO P P PROJECT/TASK.....9711/01

AFOSR 68-1164
UNIVERSITY OF MICHIGAN
POSITION IN GROUP ACHIEVEMENT MOTIVATION AND GROUP
ASPIRATIONS
JOURNAL OF PERSONALITY AND SOCIAL PSYCHOLOGY V8 N3
PP282-288 1968
OAR ACCESS NO.....020270-001
BY ZANDER A DDC NUMBER.....AD670320
FORDWARD J INSTR...AF-49/638/01630
PROJECT/TASK.....9778/02

AFOSR 68-1165
INST NACIONAL DE TECNICA AEROSPACIAL
SOME FUNDAMENTAL PROBLEMS ON THE COMBUSTION OF LIQUID
OXIDIZERS IN HYDROGEN
OAR ACCESS NO.....013604-002
BY TARIFA C S DDC NUMBER.....AD670187
DEL NOTARIO P P INSTR...AF-EOAR-0042-66
PROJECT/TASK.....9711/01

AFOSR 68-1166
UNIVERSITY OF CALIFORNIA
ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS I
SPECTROSCOPIC EFFECTS OF METHYL GROUPS AND CORRESPONDING O
C RING BRIDGES IN CARBANIONS OF OIPHENYLMETHYL AND
CHEMISCHE BERICHTE V161 PP657-671 1968
OAR ACCESS NO.....020091-002
BY HAPFELINGER G DDC NUMBER.....AD670275
STREITWIESER A JR INSTR...AF-AFOSR-1364-68
PROJECT/TASK.....9762/01

AFOSR 68-1167
UNIVERSITY OF MICHIGAN
STATISTICAL DECISION PROCESSES IN RECOGNITION AND
DETECTION FINAL REPORT APRIL 1968
BY TAMMER V P JR
OAR ACCESS NO.....015911-002
DOC NUMBER.....AD670263
INSTR...AF-49/638/01710
PROJECT/TASK.....8878/43

AFOSR 68-1168
UNIVERSITY OF MARYLAND
APPROACH TO EQUAL-TIME COMMUTATORS IN QUANTUM FIELD THEORY
THE PHYSICAL REVIEW V166 NS PP1795-1821 25
FEBRUARY 1968
BY BRANDT R A
OAR ACCESS NO.....007223-018
DOC NUMBER.....AD670640
INSTR...AF-AFOSR-0500-86
PROJECT/TASK.....9751/01

AFOSR 68-1169
UNIVERSITY OF MARYLAND
A PERSISTENT LOCAL MAXIMUM OF THE PTH POWER DEVIATION ON AN
INTERVAL P IS LESS THAN ONE
PACIFIC JOURNAL OF MATHEMATICS V28 N1 PP133-142 1968
BY ROTZKIN T S
VALSH J L
OAR ACCESS NO.....021730-011
DOC NUMBER.....AD670639
INSTR...AF-AFOSR-1130-86
PROJECT/TASK.....9749/02

AFOSR 68-1170
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
BENIGREY RADIATIVE TRANSFER
AIAA JOURNAL V6 N4 PP758-758 APR 1968
BY FINKLEMAN D
CHEN K Y
OAR ACCESS NO.....001193-007
DOC NUMBER.....AD670563
INSTR...AF-49/638/01621
PROJECT/TASK.....9781/02

AFOSR 68-1171
UNIVERSITY OF CALIFORNIA
INTEGRATED VOLTAGE - CONTROLLED OSCILLATORS
PROCEEDINGS OF THE NATIONAL ELECTRONICS CONFERENCE V23
PP276-284 1967
BY HOWARD V G
PEDERSON D O
OAR ACCESS NO.....008706-001
DOC NUMBER.....AD670881
INSTR...AF-AFOSR-0139-67
PROJECT/TASK.....4751/00

AFOSR 68-1172
UNIVERSITY OF CALIFORNIA
CONTROLLABILITY AND OBSERVABILITY OF COMPOSITE SYSTEMS:
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 N4 PP467-488
AUG 1967
BY CHEN C T
DESNER C A
OAR ACCESS NO.....078705-017
DOC NUMBER.....AD670651
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 68-1173
UNIVERSITY OF CALIFORNIA
SCANNING ELECTRON MICROSCOPE INVESTIGATION OF PLANAR
DIFFUSED PN JUNCTION PROFILES NEAR THE EDGE OF A DIFFUSION
MASK
JOURNAL OF APPLIED PHYSICS V38 N9 PP3685-3692 AUG 1967
BY McDONALD M C
EVERHART T E
OAR ACCESS NO.....008703-041
DOC NUMBER.....AD670882
INSTR...AF-AFOSR-0139-64
PROJECT/TASK.....4751/00

AFOSR 68-1174
UNIVERSITY OF CALIFORNIA
LARGE AMPLITUDE STABILIZATION OF FLUTE GROWTH
PHYSICS OF FLUIDS V10 N10 PP2235-2244 OCT 1967
BY MYERS J A
OAR ACCESS NO.....008704-031
DOC NUMBER.....AD670650
INSTR...AF-AFOSR-0139-65
PROJECT/TASK.....4751/00

AFOSR 68-1175
UNIVERSITY OF CALIFORNIA
VULNERABILITY OF COMMUNICATION NETWORKS
IEEE TRANSACTIONS COMMUNICATION TECHNOLOGY VCOM-15 N6 PP778
-789 DEC 1967
BY FRANK H
OAR ACCESS NO.....008705-022
DOC NUMBER.....AD680877
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 68-1176
TECHNION RESEARCH DEVELOPMENT FOUNDATION
QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY
BY OPPENHEIM V P
OAR ACCESS NO.....010743-003
DOC NUMBER.....AD670589
INSTR...AF-ENAH-0076-67
PROJECT/TASK.....9750/31

AFOSR 68-1178
UNIVERSITY OF TEXAS AT AUSTIN
AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG
WEIGHTS
IEEE TRANSACTIONS ON COMPUTERS VC-17 N1 PP78-81 JAN 1968
BY SMITH J R JR
HARGOURT C O
OAR ACCESS NO.....015241-059
DOC NUMBER.....AD670878
INSTR...AF-AFOSR-0766-86
PROJECT/TASK.....4751/00

AFOSR 68-1179
UNIVERSITY OF SHEFFIELD
B M M O PLANT COMBUSTION TECHNIQUES AND SENSING
V11 TEMPERATURE AND VELOCITY MODULATED M M D SYSTEMS
PHILOSOPHICAL TRANSACTIONS ROYAL SOCIETY OF LONDON A
V261 PP429-439 1967
BY INDERSON V J
HARRIS O
OAR ACCESS NO.....013411-007
DOC NUMBER.....AD670705
INSTR...AF-ROAR-0023-65
PROJECT/TASK.....9711/01

AFOSR 68-1180
UNIVERSITY OF TEXAS AT AUSTIN
OPTIMIZATION OF THE DETECTABILITY OF ARRAY RECEIVING
SYSTEMS
1968 IEEE NATIONAL TELEMETERING CONFERENCE RECORD N68-C-8
NTC PP143-148 APR 1968
BY CLINE R W
GREGG W D
OAR ACCESS NO.....015242-052
DOC NUMBER.....AD670878
INSTR...AF-AFOSR-0766-87
PROJECT/TASK.....4751/00

AFOSR 68-1181
CANNONIC INSTITUTE OF TECHNOLOGY
ON THE EXISTENCE UNIQUENESS AND STABILITY OF SOLUTIONS OF A
FOURTH ORDER PARTIAL DIFFERENTIAL EQUATION
JOURNAL OF MATHEMATICS AND MECHANICS V17 N7 PP707-728 JAN
1968
BY GREENBERG J M
MAC CANY M C
MIZEL V J
OAR ACCESS NO.....001574-002
DOC NUMBER.....AD670490
INSTR...AF-AFOSR-0647-66
PROJECT/TASK.....9749/02

AFOSR 68-1182
UNIVERSITY OF CALIFORNIA
CONTROLLABILITY AND OBSERVABILITY OF FEEDBACK SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 N4 PP474-475
AUG 1967
BY DESNER C A
CHEN C T
OAR ACCESS NO.....008705-023
DOC NUMBER.....AD670893
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 68-1183
UNIVERSITY OF CALIFORNIA
THE SCANNING ELECTRON MICROSCOPE
IEEE SPECTRUM PP96-102 OCT 1967
BY PEASE R F W
OAR ACCESS NO.....008705-024
DOC NUMBER.....AD670885
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 68-1184
UNIVERSITY OF CALIFORNIA
PASSIVE SWITCHING OF A CARBON DIOXIDE LASER
APPLIED PHYSICS LETTERS V11 N3 PP28-RV 1 AUG 1967
BY WOOD U H
SCHWARTZ S E
OAR ACCESS NO.....008706-007
DOC NUMBER.....AD670673
INSTR...AF-AFOSR-0139-67
PROJECT/TASK.....4751/00

AFOSR 68-1185
UNIVERSITY OF CHICAGO
USE OF MODEL POTENTIALS IN THE STUDY OF MOLECULAR HYDROGEN
STATES
JOURNAL CHEMICAL PHYSICS V48 N1 PP495-502 1 JAN 1968
BY HAZI A U
RICE S A
OAR ACCESS NO.....015001-024
DOC NUMBER.....AD670492
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-1186
ROYAL UNIVERSITY OF UPPSALA
ON THE CRITERIA FOR THE BEST HOLOGRAPHY QUASI-PARTICLE
II NUOVO CIMENTO SER X V48 PP443-446 11 APR 1967
BY SMITH V H JR
OAR ACCESS NO.....023372-011
DOC NUMBER.....AD670452
INSTR...AF-81/052/00874
PROJECT/TASK.....9767/01

AFOSR 68-1187
UNIVERSITY OF SHEFFIELD
SIMILARITY TRANSFORMATIONS IN MAGNETOASTRODYNAMICS
SCIENTIFIC REPORT NO 93
BY CAP F
FLOREANI O
OAR ACCESS NO.....013751-012
DOC NUMBER.....AD670526
INSTR...F61052-67-C-0014
PROJECT/TASK.....9772/01

AFOSR 68-1188
UNIVERSITY OF MICHIGAN
SAMPLING DISTRIBUTIONS AND PROBABILITY REVISIONS
JOURNAL OF EXPERIMENTAL PSYCHOLOGY V76 N2 PP236-243 1968
BY PETERSON C R
DUCHARME V M
EDWARDS V
OAR ACCESS NO.....022070-005
DOC NUMBER.....AD670661
INSTR...AF-49/638/01731
PROJECT/TASK.....9778/01

AFOSR 68-1189
UNIVERSITA DEGLI STUDI DI PISA
AN EXAMPLE OF EXTREMAL DISCONTINUOUS SOLUTION OF A
VARIATIONAL PROBLEM OF ELLIPTIC TYPE
BOLLETTINO UNIONE MATEMATICA ITALIANA VI N4 PP135-137 1968
BY GIORGI E O
OAR ACCESS NO.....018791-003
DOC NUMBER.....AD670701
INSTR...AF-EDAR-0038-67
PROJECT/TASK.....9749/02

AFOSR 68-1190
UNIVERSITY OF CALIFORNIA
ELECTROOPTIC JUNCTION MODULATORS
IEEE JOURNAL OF QUANTUM ELECTRONICS VQE-3 N7 PP278-286 JULY
1967
BY OLDHAM W G
BAHRAMAN A
OAR ACCESS NO.....008705-018
DOC NUMBER.....AD670647
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 68-1191
UNIVERSITY OF UTAH
COMBUSTION IRREGULARITIES OF SOLID PROPELLANTS FINAL REPORT
AUG 1967
BY RYAN N W
OAR ACCESS NO.....018180-001
DOC NUMBER.....AD636770
INSTR...AF-AFOSR-0446-65
PROJECT/TASK.....9713/01

AFOSR 68-1192
BROOKLYN POLYTECHNIC INSTITUTE OF
OPTIMAL TIME ALLOCATION ON COMPLEX TASKS
BY YAGER R P
OAR ACCESS NO.....001685-050
DOC NUMBER.....AD673891
INSTR...AF-49/638/01402
PROJECT/TASK.....4751/00

AFOSR 68-1193
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE RESOLUTION OF THE THERMODYNAMIC PARADOX AND THE THEORY
OF GUIDED WAVE PROPAGATION IN ANISOTROPIC MEDIA
BY NASTIK A V JR
OAR ACCESS NO.....000153-001
DOC NUMBER.....AD671960
INSTR...AF-AFOSR-1400-68
PROJECT/TASK.....9768/02

AFOSR 68-1194
STANFORD UNIVERSITY
STRUCTURAL INSTABILITY FINAL REPORT JUNE 1968
BY HORTON W H
BAILEY S C
OAR ACCESS NO.....017230-005
DOC NUMBER.....AD676282
INSTR...AF-49/638/01495
PROJECT/TASK.....9782/01

AFOSR 68-1195
UNIVERSITY OF SHEFFIELD
EXPERIMENTAL TECHNIQUES FOR SUPERSONIC COMBUSTION
RESEARCH IN A SHOCK TUNNEL
BY SWITHENHAM J
PAIBONS R J
OAR ACCESS NO.....013413-001
DOC NUMBER.....AD670610
INSTR...AF-EDAR-0005-67
PROJECT/TASK.....9711/01

AFOSR 68-1196
UNIVERSITY OF TORONTO
RESEARCH ON PLASMA DYNAMICS AND MAGNETOHYDRODYNAMICS
BY LEEH J H F
OAR ACCESS NO.....006525-001
INSTR...AF-AFOSR-0366-66
PROJECT/TASK.....9783/06

AFOSR 68-1197
UNIVERSITY OF MICHIGAN
THE THERMAL DECOMPOSITION OF POLYFLUOROPROPYLENE
FLUID DYNAMICS LABORATORY PUBLICATION NO 68-2
BY MATULA R A
OAR ACCESS NO.....719752-001
DOC NUMBER.....AD670836
INSTR...AF-AFOSR-1144-67
PROJECT/TASK.....9750/02

AFOSR 68-1198
NORTHWESTERN UNIVERSITY
COMPRESSIBLE MAGNETOHYDRODYNAMIC FREE JET
PHYSICS OF FLUIDS V10 N4 PP774-781 APR 1967
BY SMITH D C
CABEL A B
OAR ACCESS NO.....006952-005
DOC NUMBER.....AD670675
INSTR...AF-AFOSR-0120-63
PROJECT/TASK.....9752/01

AFOSR 68-1199
UNIVERSITY OF MICHIGAN
GAS CHROMATOGRAPHIC SEPARATION OF LOW MOLECULAR WEIGHT
FLUOROCARBONS
JOURNAL OF CHROMATOGRAPHY V35, PP217-222, 1968
BY BRIGHT R N
MATULA R A
OAR ACCESS NO.....019752-002
DOC NUMBER.....AD670834
INSTR...AF-AFOSR-1144-67
PROJECT/TASK.....9760/02

AFOSR 68-1200
UNIVERSITY OF MICHIGAN
THE PYROLYSIS OF TETRAFLUOROETHYLENE
JOURNAL OF PHYSICAL CHEMISTRY V72, N10, PP3462-3468 OCT 1968
BY DRENNAN C A
MATULA R A
OAR ACCESS NO.....019752-003
DOC NUMBER.....AD670836
INSTR...AF-AFOSR-1144-67
PROJECT/TASK.....9750/02

AFOSR 68-1202
AEROCHEM RESEARCH LABS INC
ENHANCEMENT OF DIFFUSION-LIMITED VAPORIZATION RATES BY
CONDENSATION WITHIN THE THERMAL BOUNDARY LAYER I THE
CRITICAL SUPERSATURATION APPROXIMATION
INTERNATIONAL JOURNAL HEAT MASS TRANSFER V10 PP1267-1278
1967
BY KOSNER D E
OAR ACCESS NO.....012831-002
DOC NUMBER.....AD670665
INSTR...AF-49/638/01637
PROJECT/TASK.....9750/02

AFOSR 68-1203
UNIVERSITY CATHOLIQUE DE LOUVAIN
BURNING VELOCITIES IN MIXTURES OF METHYL ALCOHOL
FORMALDEHYDE OR FORMIC ACID WITH OXYGEN
BULLETIN DES SOCIETES CHIMIQUES BELGES N77 PP67-75 1968
BY DE WILDE E
TIGGLEN A V
OAR ACCESS NO.....001994-002
DOC NUMBER.....AD670702
INSTR...AF-EDAR-0044-66
PROJECT/TASK.....9750/02

AFOSR 68-1204
TECHNION RESEARCH / DEVELOPMENT FOUNDATION
INTEGRATED INTENSITY OF NITRIC OXIDE FUNDAMENTAL
APPLIED OPTICS V6 N8 PP1305-1307 AUG 1967
BY OPPENHEIM U P
AVIV Y
SOLOMAN A
OAR ACCESS NO.....010743-004
DOC NUMBER.....AD670699
INSTR...AF-EDAR-0026-67
PROJECT/TASK.....9750/01

AFOSR 68-1205
COLUMBIA UNIVERSITY
SHOCK WAVES IN PLASMA PHYSICS
BY CHU C K
GROSS R A
OAR ACCESS NO.....009583-013
DOC NUMBER.....AD668827
INSTR...AF-49/638/01634
PROJECT/TASK.....9752/01

AFOSR 68-1206
PUNQUE UNIVERSITY
INVESTIGATION OF COMBUSTION CHARACTERISTICS OF A BI-PHASE
ROCKET
BY METZGER D W
OSGORN J R
OAR ACCESS NO.....005873-002
DOC NUMBER.....AD634003
INSTR...AF-AFOSR-0753-66
PROJECT/TASK.....9711/01

AFOSR 68-1207
IIT RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY
IITRI-C6125-21
BY SOLOMON I J
OAR ACCESS NO.....015930-010
DOC NUMBER.....AD670531
INSTR...AF-49/638/01178
PROJECT/TASK.....9713/02

AFOSR 68-1208
IIT RESEARCH INSTITUTE
CHEMICAL REACTIONS IN MONOTHERMAL FIELDS
BY ERIKSON T A
OAR ACCESS NO.....009811-001
DOC NUMBER.....AD670628
INSTR...F44620-67-C-0034
PROJECT/TASK.....9750/02

AFOSR 68-1209
IIT RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY FINAL REPORT APRIL 1968
BY SOLOMON I J
OAR ACCESS NO.....015930-009
DOC NUMBER.....AD670211
INSTR...AF-49/638/01175
PROJECT/TASK.....9713/02

AFOSR 68-1210
NORTHWESTERN UNIVERSITY
AN EXPERIMENTAL DETERMINATION OF THE DYNAMIC VISCOSITY
OF ATMOSPHERIC ARGON FROM 3500 TO 8000 DEGREES KELVIN
NU-GDL REPORT B-1-68
BY AESCHLINAN D P
OAR ACCESS NO.....006953-001
DDC NUMBER.....AD670530
INSTR...AF-40/638/01533
PROJECT/TASK.....9752/01

AFOSR 68-1211
GENERAL ELECTRIC COMPANY
SPECTROSCOPIC STUDIES OF THE VAPORIZATION OF HIGH
TEMPERATURE MATERIALS FINAL REPORT APRIL 1967
BY LINEVSKY N J
OAR ACCESS NO.....017420-001
DDC NUMBER.....AD670626
INSTR...AF-40/638/01513
PROJECT/TASK.....9713/02

AFOSR 68-1212
CAMBRIDGE UNIVERSITY
VISUAL PERCEPTION IN SIMULATED SPACE CONDITIONS FINAL
REPORT JUNE 1968
BY HOWE J A M
GREGORY R L
OAR ACCESS NO.....008495-002
DDC NUMBER.....AD670104
INSTR...AF-EDAR -0029-66
PROJECT/TASK.....9718/01

AFOSR 68-1213
UNIVERSITA DEGLI STUDI DI TORINO
NONCONVERGENT AMPLITUDES AND REPRESENTATIONS OF SL/2
PHYSICS LETTERS V24B N1 PP68-69 9 JAN 1967
BY GIOVANNINI A
PREDAZZI E
OAR ACCESS NO.....018641-012
DDC NUMBER.....AD670899
INSTR...AF-EDAR -0029-66
PROJECT/TASK.....9751/01

AFOSR 68-1214
UNIVERSITA DEGLI STUDI DI TORINO
ANALYTIC AND ALGEBRAIC RELATIONS BETWEEN SOME CLASSICAL
QUANTUM - MECHANICAL PROBLEMS
NUOVO CIMENTO SERA V54A PP1-14 1 MAR 1960
BY GIOVANNINI A
TONIETTI T
OAR ACCESS NO.....018641-007
DDC NUMBER.....AD670466
INSTR...AF-EDAR -0029-66
PROJECT/TASK.....9751/01

AFOSR 68-1215
UNIVERSITA DEGLI STUDI DI TORINO
SOME REMARKS ON THE POLARIZATION DATA FOR PION-NUCLEON
SCATTERING
NUOVO CIMENTO SERA V51A PP427-438 21 SEP 1967
BY PREDAZZI E
SOLIANI G
OAR ACCESS NO.....018641-008
DDC NUMBER.....AD670461
INSTR...AF-EDAR -0029-66
PROJECT/TASK.....9751/01

AFOSR 68-1216
UNIVERSITA DEGLI STUDI DI TORINO
NOTE ON SU-3 WIGNER COEFFICIENTS
NUOVO CIMENTO SERA V51A PP1107-1118 21 OCT 1967
BY DI LEVA A
PONZANO G
OAR ACCESS NO.....018641-009
DDC NUMBER.....AD670480
INSTR...AF-EDAR -0029-66
PROJECT/TASK.....9751/01

AFOSR 68-1217
UNIVERSITA DEGLI STUDI DI TORINO
THE CAUSALITY GROUP
NUOVO CIMENTO SERA V52A PP50-61 1 NOV 1967
BY BARUCCHI G
TEPPATI G C
OAR ACCESS NO.....018641-010
DDC NUMBER.....AD670463
INSTR...AF-EDAR -0029-66
PROJECT/TASK.....9751/01

AFOSR 68-1218
UNIVERSITA DEGLI STUDI DI TORINO
CHARGE INVARIANCE AND GROUP TRANSFORMATION PROPERTIES OF
THE SCATTERING IN A DYNAMICAL MODEL
NUOVO CIMENTO SERA V52A PP253-273 1 NOV 1967
BY GIOVANNINI A
PREDAZZI E
OAR ACCESS NO.....018641-011
DDC NUMBER.....AD670465
INSTR...AF-EDAR -0029-66
PROJECT/TASK.....9751/01

AFOSR 68-1219
UNIVERSITA DEGLI STUDI DI TORINO
THE CAYLEY EQUATIONS OF A REDUCIBLE FEYNMAN DIAGRAM
NUOVO CIMENTO SERA V52A PP146-160 1 NOV 1967
BY BARUCCHI G
OAR ACCESS NO.....018641-019
DDC NUMBER.....AD670891
INSTR...AF-EDAR -0029-66
PROJECT/TASK.....9751/01

AFOSR 68-1221
UNIVERSITA DEGLI STUDI DI TORINO
A LATTICE THEORETICAL ANALOGUE OF THE SCHUR LEMMA
BOLL UN MAT ITAL V22 NO PP200-204 1967
BY ASCOLI R
TEPPATI G
OAR ACCESS NO.....018641-013
DDC NUMBER.....AD670458
INSTR...AF-EDAR -0029-66
PROJECT/TASK.....9751/01

AFOSR 68-1222
UNIVERSITY CATHOLIQUE DE LOUVAIN
REACTIONS IN LIQUIDS AT CRITICAL CONDITIONS - DECOMPOSITION
OF BENZOYL PEROXIDE
BULLETIN DE LA SOCIETE CHIMIQUE BELGRADE V78 PP444-454 1967
BY TOUZARD R
TIGGELEN A V
OAR ACCESS NO.....001594-003
DDC NUMBER.....AD670889
INSTR...AF-EDAR -0044-66
PROJECT/TASK.....9750/02

AFOSR 68-1223
UNIVERSITY OF QUEENSLAND
ORGANIC SEMICONDUCTORS
JOHN WILEY NEW YORK 1967
BY GUTMAN F
LYONS L E
OAR ACCESS NO.....016990-005
DDC NUMBER.....AD670265
INSTR...AF-AFOSR-0863-65
PROJECT/TASK.....9760/02

AFOSR 68-1224
UNIVERSITY OF CALIFORNIA
TEMPORAL FEATURES OF HIGH-INTENSITY AURORAL MICROBURSTS
J GEOPHYSICAL RESEARCH SPACE PHYSICS V73 N9 PP3062-3068 1
MAY 1968
BY BROWN R H
WEIR R A
OAR ACCESS NO.....006935-001
DDC NUMBER.....AD670719
INSTR...AF-AFOSR-0331-67
PROJECT/TASK.....9751/04

AFOSR 68-1225
UNIVERSITY OF SYDNEY
NUMERICAL STUDIES IN GAS DYNAMICS FINAL REPORT APRIL
1967
BY BIRD G A
OAR ACCESS NO.....008255-001
DDC NUMBER.....AD670581
INSTR...AF-AFOSR-0915-67
PROJECT/TASK.....9763/02

AFOSR 68-1226
UNIVERSITY OF COLORADO
EVIDENCE FOR 0/4 2/ ASSIGNMENT OF MAGNETON LEVELS
PHYSICS LETTERS V26B N5 PP308-309 5 FEB 1968
BY BIRD G A
OAR ACCESS NO.....013092-004
DDC NUMBER.....AD670671
INSTR...AF-AFOSR-0030-67
PROJECT/TASK.....9741/01

AFOSR 68-1227
PRINCETON UNIVERSITY
THIRD ORDER SPECTRAL FUNCTION EFFECTS
NUOVO CIMENTO SERA V54A PP529-531 21 MAR 1968
BY SCHWARZ J M
OAR ACCESS NO.....005123-020
DDC NUMBER.....AD670663
INSTR...AF-40/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-1228
PRINCETON UNIVERSITY
PROPERTIES OF FREDERICKSON-BANG AMPLITUDES
PHYSICAL REVIEW LETTERS V21 PP1897-1899 25 NOV 1967
BY SCHWARZ J M
OAR ACCESS NO.....005123-021
DDC NUMBER.....AD670662
INSTR...AF-40/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-1229
PRINCETON UNIVERSITY
INDIRECT COUPLING OF PHOTONS TO THE SURFACE PLASMON
PHYSICAL REVIEW V165 N2 PP550-557 10 JAN 68
BY FEDDERS P A
OAR ACCESS NO.....005123-022
DDC NUMBER.....AD670805
INSTR...AF-40/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-1230
SPACE SCIENCES INC
COMMENTS ON SOLUTION FOR A SINGULAR CASE OF BI-MODAL
DISTRIBUTION USING BHATTNAGAR-CHAKRABORTY MODELS
PHYSICS FLUIDS VII N1 PP256-258 JAN 1968
BY ZIERING S
HU P N
OAR ACCESS NO.....012391-005
DDC NUMBER.....AD670667
INSTR...AF-40/638/01566
PROJECT/TASK.....9763/01

AFOSR 68-1231
BUREAU OF MINES
PRESSURE-VOLUME-TEMPERATURE RELATIONS IN THE SYSTEM
METHANE-TETRAFLUOROMETHANE I GAS DENSITIES AND THE
PRINCIPLE OF CORRESPONDING STATES
JOURNAL PHYSICAL CHEMISTRY V71 PP3477-3488 1967
BY OUSLIN D R
HARRISON R H
MOORE R T
OAR ACCESS NO.....500300-005
DOC NUMBER.....AD670327
INSTR...155A -00007-65
PROJECT/TASK.....9713/02

AFOSR 68-1232
UNIVERSITY OF CALIFORNIA
THEORY OF THE SPHERING OF RED BLOOD CELLS
BIOPHYSICAL JOURNAL V8 N2 PP175-198 1968
BY FUNG Y C B
TONG P
OAR ACCESS NO.....001374-009
DOC NUMBER.....AD670495
INSTR...AF-AFOSR-1196-67
PROJECT/TASK.....9782/01

AFOSR 68-1234
SOUTHWEST RESEARCH INSTITUTE
THE RESPONSE OF A THIN ELASTIC ROD TO COMBINED THERMAL
AND MECHANICAL IMPULSE
JOURNAL OF APPLIED MATHEMATICS AND PHYSICS V19 N1 PP113-127
1968
BY FRANCIS P H
OAR ACCESS NO.....010351-003
DOC NUMBER.....AD670686
INSTR...AF-69/638/01465
PROJECT/TASK.....9782/02

AFOSR 68-1235
UNIVERSITY OF ILLINOIS
PARAMETRIC STUDIES OF ELECTROHYDRODYNAMIC SPRAYING
AIAA JOURNAL V6 N3 PP496-502 MAR 1968
BY PFEIFER R J
HENDRICKS C D
OAR ACCESS NO.....013242-005
DOC NUMBER.....AD670491
INSTR...AF-AFOSR-0107-66
PROJECT/TASK.....9752/01

AFOSR 68-1237
UNIVERSITY OF MICHIGAN
ON THE A C ELECTRICAL CONDUCTIVITY OF A LOWENTZ GAS
JOURNAL PLASMA PHYSICS V2 PT1 PP1-8 1968
BY FU J M H
ONG R S H
OAR ACCESS NO.....519002-002
DOC NUMBER.....AD670491
INSTR...AF-69/638/01465
PROJECT/TASK.....9781/12

AFOSR 68-1238
FLORIDA STATE UNIVERSITY
PLANNING IMPROVED LIBRARY SERVICE FOR SCIENTISTS IN
UNIVERSITIES
COLLEGE AND RESEARCH LIBRARIES V78 N5 PP13196-13197 1967
BY JAHODA G
OAR ACCESS NO.....547720-001
DOC NUMBER.....AD673845
INSTR...AF-AFOSR-0107-66
PROJECT/TASK.....9769/01

AFOSR 68-1239
UNIVERSITY OF CALIFORNIA
SYNTHESIS OF ACTIVE AND PASSIVE COMPATIBLE IMMUNOLIS
IEEE TRANSACTIONS ON CIRCUIT THEORY VET-14 N1 PP118-128
JUNE 1967
BY HO C H
HALABIANIAN N
OAR ACCESS NO.....010601-019
DOC NUMBER.....AD670491
INSTR...AF-AFOSR-0107-66
PROJECT/TASK.....9751/06

AFOSR 68-1240
UNIVERSITA DEGLI STUDI DI TORINO
SUPERCONVERGENCE AND CURRENT ALGEBRA FOR A SPIN ONE HALF
TARGET
NUOVO CIMENTO SERIE V54A PP108-120 1 MAR 1968
BY BOITE H
PERRINELLI P
OAR ACCESS NO.....010601-019
DOC NUMBER.....AD670491
INSTR...AF-AFOSR-0107-66
PROJECT/TASK.....9751/06

AFOSR 68-1241
UNIVERSITA DEGLI STUDI DI TORINO
MAGNETIC MOMENTS OF BARYONS IN NUCLEI
NUOVO CIMENTO SERIE V54B PP182-185 1 NOV 1968
BY DONINI E
PERRINELLI P
SCIUTO S
OAR ACCESS NO.....010601-019
DOC NUMBER.....AD670491
INSTR...AF-AFOSR-0107-66
PROJECT/TASK.....9751/06

AFOSR 68-1242
UNIVERSITA DEGLI STUDI DI TORINO
SOME REMARKS ON FORWARD AND PI SCATTERING IN NUCLEI
NUOVO CIMENTO SERIE V54A PP239-243 1 SEP 1968
BY D AURIA R
NAPOLITANO E
SOLIANI G
OAR ACCESS NO.....010601-019
DOC NUMBER.....AD670491
INSTR...AF-AFOSR-0107-66
PROJECT/TASK.....9751/06

AFOSR 68-1245
BUREAU OF MINES
THE ENTHALPY OF FORMATION OF TRIETHYLAMINEBORANE
JOURNAL OF CHEMICAL AND ENGINEERING DATA V12 N4 PP570-572
OCT 1967
BY SMITH N K
GOOD W D
OAR ACCESS NO.....500300-006
DOC NUMBER.....AD670326
INSTR...155A -00007-65
PROJECT/TASK.....9713/02

AFOSR 68-1246
UNIVERSITY OF CHICAGO
EVIDENCE FOR THE EXISTENCE OF THE HYPERNUCLEUS OF LITHIUM
SEX
PHYSICAL REVIEW LETTERS V19 N20 PP1196-1199 13 NOV 1967
BY HARMSEN D M
OAR ACCESS NO.....001783-003
DOC NUMBER.....AD670316
INSTR...AF-69/638/01652
PROJECT/TASK.....9751/01

AFOSR 68-1247
UNIVERSITY CATHOLIQUE DE LOUVAIN
KINETICAL STUDY OF HYDROGEN-NITROUS OXIDE FLAMES
BULLETIN ACADEMIE ROYALE BELGIQUE CLASSE SCIENCES V53 N4
PP366-402 15 APR 1963
BY DUVAL A
TIGGELEN P J V
OAR ACCESS NO.....001999-004
DOC NUMBER.....AD670703
INSTR...AF-69/638/01652
PROJECT/TASK.....9750/02

AFOSR 68-1248
UNIVERSITY OF CHICAGO
PHENOMENOLOGICAL MODEL OF DIFFRACTION AND RESONANT
SCATTERING
THE PHYSICAL REVIEW V193 N5 PP1792-1802 25 NOV 1967
BY LASINSKI T
SETTE R L
PREDAZZI E
OAR ACCESS NO.....001783-004
DOC NUMBER.....AD670669
INSTR...AF-69/638/01652
PROJECT/TASK.....9751/01

AFOSR 68-1249
UNITED AIRCRAFT CORP
VAPOR PHASE COMBUSTION OF BERYLLIUM AND ALUMINUM FINAL
REPORT NARCH
BY HENSTEN M B
OAR ACCESS NO.....017751-001
DOC NUMBER.....AD670491
INSTR...AF-69/638/01465
PROJECT/TASK.....9750/02

AFOSR 68-1254
UNIVERSITY CALIFORNIA
TRITIUM GEOPHYSICS FROM 1961-1962 NUCLEAR TESTS
JOURNAL GEOPHYSICAL RESEARCH V63 N4 PP2715-2719 15 APR 1968
BY LAVENTHAL J L
LITTON R P
OAR ACCESS NO.....026070-001
DOC NUMBER.....AD670669
INSTR...AF-AFOSR-1255-67
PROJECT/TASK.....9760/02

AFOSR 68-1251
UNIVERSITY OF CALIFORNIA
LIFE IN SPACE
SPACE LIFE SCIENCES V1 PWS-9 1968
BY LEHRY W F
OAR ACCESS NO.....026070-002
DOC NUMBER.....AD670491
INSTR...AF-AFOSR-1255-67
PROJECT/TASK.....9760/02

AFOSR 68-1252
UNIVERSITY OF QUEENSLAND
ORGANIC METALS THE ELECTRICAL CONDUCTANCE OF ORGANIC
SOLIDS
JOURNAL AND PROCEEDINGS ROYAL SOCIETY NEW SOUTH WALES V101
PP1-9 1967
BY LYONS L E
OAR ACCESS NO.....010600-004
DOC NUMBER.....AD670491
INSTR...AF-AFOSR-1255-67
PROJECT/TASK.....9740/02

AFOSR 68-1253
UNIVERSITY OF QUEENSLAND
THE MEASUREMENT OF ELECTRON AFFINITIES BY THE GASTROUS
FREEDOM CAPTURE TECHNIQUE
AUSTRALIAN JOURNAL OF CHEMISTRY V21 PP653-671 1968
BY LYONS L E
WARRIS G S
WARRIS L J
OAR ACCESS NO.....010600-007
DOC NUMBER.....AD670491
INSTR...AF-AFOSR-1255-67
PROJECT/TASK.....9760/02

AFOSR 68-1254
UNIVERSITY OF QUEENSLAND
THE IONIZATION ENERGIES OF SOME IMINOHEAZINE
TRIAZOLIZINES AND MOLECULES OF SIMILAR STRUCTURE
AUSTRALIAN JOURNAL OF CHEMISTRY V21 PP673-682 1968
BY LYONS L E
OAR ACCESS NO.....010600-008
DOC NUMBER.....AD670491
INSTR...AF-AFOSR-1255-67
PROJECT/TASK.....9760/02

AFOSR 68-1255
UNIVERSITY OF QUEENSLAND
POTASSIUM HYPERFINE SPLITTING IN THE ESR SPECTRUM OF
PYRENE ANIONS IN TETRAHYDROFURAN
AUSTRALIAN JOURNAL CHEMISTRY V21 PP1337-1341 1968
BY LYONS L E
MOORE J E
MORRIS G C
OAR ACCESS NO.....016990-009
DOC NUMBER.....AD670489
INSTR...AF-AFOSR-0863-05
PROJECT/TASK.....9760/02

AFOSR 68-1256
UNIVERSITY OF CHICAGO
FINAL STATE INTERACTION EFFECTS IN NEGATIVE PION
MESONIC DECAYS OF LIGHT HYPERNUCLEI
NUCLEAR PHYSICS B4 PP277-294 15 JAN 1968
BY HARNSEN D M
SETTI R L
ZAKRZEWSKI J
GAJEWSKI W
SACON J
OAR ACCESS NO.....001783-005
DOC NUMBER.....AD670670
INSTR...AF-69/638/01652
PROJECT/TASK.....9751/01

AFOSR 68-1257
UNIVERSITY OF QUEENSLAND
PHOTOELECTRIC EMISSION FROM DONOR-ACCEPTOR SOLIDS AND
DONOR MOLECULES
MOLECULAR CRYSTALS V3 PP357-374 1968
BY BATLEY M
LYONS L E
OAR ACCESS NO.....016990-010
DOC NUMBER.....AD670257
INSTR...AF-AFOSR-0863-05
PROJECT/TASK.....9760/02

AFOSR 68-1258
COLORADO STATE UNIVERSITY
THE APPROXIMATE SOLUTION OF Y EQUALS F/X Y/
PACIFIC JOURNAL OF MATHEMATICS V24 N2 PP283-289 1968
BY STEIN F M
MUFFSTUTLER R G
OAR ACCESS NO.....009943-001
DOC NUMBER.....AD670720
INSTR...AF-AFOSR-0105-07
PROJECT/TASK.....9749/01

AFOSR 68-1259
UNIVERSITA DEGLI STUDI DI TORINO
A GENERAL TREATMENT OF CURRENT ALGEBRA
NUOVO CIMENTO V53A PP224-241 1 NOV 1967
BY RUBINI S
OAR ACCESS NO.....018091-017
DOC NUMBER.....AD670637
INSTR...AF-AFOSR-0067-06
PROJECT/TASK.....9751/01

AFOSR 68-1260
UNIVERSITY OF MARYLAND
TUNGSTEN-PHOSPHORUS SPIN-SPIN COUPLING IN TUNGSTEN
CARBONYL DERIVATIVES
INORGANIC AND NUCLEAR CHEMISTRY LETTERS V4 PP187-189 1968
BY GRIS S D
BRESLANO D A
OAR ACCESS NO.....015431-002
DOC NUMBER.....AD670691
INSTR...AF-AFOSR-0782-07
PROJECT/TASK.....9710/01

AFOSR 68-1261
PRINCETON UNIVERSITY
LOW-ENERGY THEOREMS DISPERSION RELATIONS AND
THERMOELECTRIC SUM RULES FOR COMPTON SCATTERING
PHYSICAL REVIEW V189 N1 PP1594-1609 25 JAN 1968
BY ABARANEL P D
GOLDMERGER R L
OAR ACCESS NO.....005173-010
DOC NUMBER.....AD670417
INSTR...AF-69/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-1262
NATIONAL BUREAU OF STANDARDS
THE VAPOR PRESSURE VAPOR SATURATION AND HEAT OF
SOLIDIFICATION OF ALUMINUM FLUORIDE USING THE ENTRAINMENT
METHOD
JOURNAL OF PHYSICAL CHEMISTRY V72 PP615-621 FEB 1968
BY WRAUSE K P JR
DROUGLAS I M
OAR ACCESS NO.....506310-025
DOC NUMBER.....AD660910
INSTR...155A-00008-05
PROJECT/TASK.....9713/02

AFOSR 68-1263
INSTITUTE FOR ADVANCED STUDY
GROUP-THEORETIC APPROACH TO THE RELATIVISTIC THEORY OF
SCATTERING
PHYSICAL REVIEW V189 N1 PP1594-1609 25 JAN 1968
BY ROFFMAN E M
OAR ACCESS NO.....007781-015
DOC NUMBER.....AD670787
INSTR...AF-AFOSR-0067-05
PROJECT/TASK.....9751/01

AFOSR 68-1264
HARVARD UNIVERSITY
THE INFINITE VOLUME LIMIT OF LAMBERT'S FIELD THEORY
COMM MATH PHYS V7 PP119-221 1968
BY JAFFE A M
MORRIS G C
OAR ACCESS NO.....004601-017
DOC NUMBER.....AD670304
INSTR...AF-69/638/11180
PROJECT/TASK.....9767/04

AFOSR 68-1265
STANFORD RESEARCH INSTITUTE
DETACHMENT CHARACTERISTICS OF LOW DENSITY GRANULAR
MATERIALS
BY EVANS M W
REESE B O
SEELY L B
BLACKBURN J M
OAR ACCESS NO.....010371-003
DOC NUMBER.....AD634082
INSTR...AF-69/638/01669
PROJECT/TASK.....9711/01

AFOSR 68-1266
BRIGHAM YOUNG UNIVERSITY
DEPRESSURIZATIONS INDUCED EXTINGUISHING OF BURNING SOLID
PROPELLANT
AIAA JOURNAL V6 N2 PP292-297 FEB 1968
BY MORTON M O
BRUNO P S
GRAESSER E C
OAR ACCESS NO.....017370-002
DOC NUMBER.....AD670286
INSTR...AF-AFOSR-0897-05
PROJECT/TASK.....9711/01

AFOSR 68-1268
PRINCETON UNIVERSITY
INTERACTION OF FLUID MOTION
BY CRIMINALE V O JR
OAR ACCESS NO.....019810-002
DOC NUMBER.....AD670528
INSTR...AF-69/638/01656
PROJECT/TASK.....9781/02

AFOSR 68-1269
UNIVERSITY OF COLORADO
PION FROM FACTOR AND MASS SPECTRUM OF BOSONS
NUCLEAR PHYSICS V84 N5 PP455-461 15 FEB 1968
BY HARUT A O
OAR ACCESS NO.....013092-003
DOC NUMBER.....AD670277
INSTR...AF-AFOSR-0030-07
PROJECT/TASK.....9741/01

AFOSR 68-1270
UNIVERSITY OF CALIFORNIA
HIGH-CURRENT TRIODE WITH NONINTERCEPTING CONTROL ELECTRODE
PROCEEDINGS OF THE IEEE V56 N1 PP77-78 JAN 1968
BY ZIEBOW
OAR ACCESS NO.....007704-032
DOC NUMBER.....AD670285
INSTR...AF-AFOSR-0119-05
PROJECT/TASK.....9751/01

AFOSR 68-1271
CALIFORNIA INSTITUTE OF TECHNOLOGY
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LII
PRODUCTION OF CARBOXYLIC ACIDS
JOURNAL AMERICAN CHEMICAL SOCIETY V90 PP1913-1918 1968
BY KUMODE P M
WEINER S A
HARMON G
OAR ACCESS NO.....015588-011
DOC NUMBER.....AD670319
INSTR...AF-69/638/01674
PROJECT/TASK.....9762/01

AFOSR 68-1272
UNIVERSITY OF MICHIGAN
INTERPRETATION OF THE SLOW REACTION AND SECOND ORDER LIMIT OF
HYDROGEN PLUS OXYGEN MIXTURES BY COMPUTER METHODS
TRANSACTIONS OF THE FARADAY SOCIETY V63 N535 P17
PP1776-1806 JAN 1967
BY BALMAIN H M
JACKSON D
BALMAIN H M
REEDER S J
OAR ACCESS NO.....001953-003
DOC NUMBER.....AD670271
INSTR...AF-EGAU-0069-05
PROJECT/TASK.....9750/02

AFOSR 68-1273
HARVARD UNIVERSITY
QUANTIZATION OF MULTISPINOR FIELDS
PHYSICAL REVIEW V181 N5 PP131A-1326 25 MAY 1967
BY CHANG S J
OAR ACCESS NO.....006861-058
DOC NUMBER.....AD670319
INSTR...AF-69/638/01386
PROJECT/TASK.....9767/04

AFOSR 68-1274
UNIVERSITY OF SHEFFIELD
NON-STEADY MODULATED WND SYSTEMS
ELECTRICITY FROM WIND VILL SALZBURG AUSTRIA 4-8 JUL 1966
PP603-504 INTERNATIONAL ATOMIC ENERGY AGENCY VIENNA
BY THORSON V J
HARRIS D
OAR ACCESS NO.....013411-006
DOC NUMBER.....AD670273
INSTR...AF-EGAU-0023-05
PROJECT/TASK.....9711/01

AFOSR 68-1275
UNIVERSITY OF MICHIGAN
INTERPRETATION OF INDUCTION PERIODS IN THE HYDROGEN PLUS
PLUS OXYGEN REACTION IN ACID MORTIC-ACID-COATED VESSELS
TRANSACTIONS OF THE FARADAY SOCIETY V63 N535 P17
PP1316-1375 JUL 1967
BY FALDOEN L M
JACKSON D
BALMAIN H M
REEDER S J
OAR ACCESS NO.....001953-003
DOC NUMBER.....AD670271
INSTR...AF-AFOSR-0067-05
PROJECT/TASK.....9750/02

AFOSR 68-1276
CASE WESTERN RESERVE UNIVERSITY
GENERALIZATION OF THEOREMS OF CHERNOFF AND SAVAGE ON THE
ASYMPTOTIC NORMALITY OF TEST STATISTICS
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL
STATISTICS AND PROBABILITY BERKELEY CALIFORNIA 21 JUN -18
JUL 65 AND 27 DEC 65 - 7 JAN 66 PP600-638 1967
BY GOVINDARAJULU Z
LECAR L
RAGHAVACHARI M
OAR ACCESS NO.....015250-004
ODC NUMBER.....A0670242
INSTR...AF-AFOSR-0741-65
PROJECT/TASK.....9749/02

AFOSR 68-1277
CASE WESTERN RESERVE UNIVERSITY
ASYMPTOTIC NORMALITY OF LINEAR COMBINATIONS OF FUNCTIONS OF
ORDER STATISTICS II
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES 15A V59 N3
PP713-719 1968
BY GOVINDARAJULU Z
OAR ACCESS NO.....015250-005
ODC NUMBER.....A0670274
INSTR...AF-AFOSR-0741-65
PROJECT/TASK.....9749/02

AFOSR 68-1278
UNIVERSITY OF BRITISH COLUMBIA
INEQUALITIES OF POINCARÉ TYPE AND APPLICATIONS TO
SINGULAR ELLIPTIC DIFFERENTIAL OPERATORS
MATHEMATISCHE ANNALEN N176 PP305-316 1968
BY CLARK C
OAR ACCESS NO.....008672-006
ODC NUMBER.....A0670286
INSTR...AF-AFOSR-0379-65
PROJECT/TASK.....9749/01

AFOSR 68-1280
FLORIDA STATE UNIVERSITY
TRAPPING STATES IN STRIPPING REACTIONS
NUCLEAR PHYSICS V107 N3 PP523-528 22 JAN 1968
BY EDWARDS S
OAR ACCESS NO.....006115-018
ODC NUMBER.....A0670644
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-1281
UNIVERSITY OF COLORADO
REFORMULATION OF THE DIRAC THEORY OF THE ELECTRON
PHYSICAL REVIEW LETTERS V20 N16 PP903-895 15 APR 1968
BY DARUT A O
OAR ACCESS NO.....013092-005
ODC NUMBER.....A0670672
INSTR...AF-AFOSR-0030-67
PROJECT/TASK.....9741/01

AFOSR 68-1282
FLORIDA STATE UNIVERSITY
OPTICAL-MODEL ANALYSIS OF THE SULPHUR-32-ALPHA ALPHA
SULPHUR-32 ELASTIC SCATTERING FROM 10.0 TO 17.5 MEV
PHYSICAL REVIEW V167 N4 PP1053-1061 20 MAR 1968
BY ALDRIDGE J P
CHAMFORD G E
DAVIS R M
OAR ACCESS NO.....005115-019
ODC NUMBER.....A0670643
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-1283
ROCKFORD RESEARCH INSTITUTE INC
INDUCTIVE INFERENCE RESEARCH STATUS SPRING 1967 FINAL
REPORT JULY 1967
BY SOLOMONOFF M J
OAR ACCESS NO.....014071-001
ODC NUMBER.....A0670707
INSTR...AF-AFOSR-0406-65
PROJECT/TASK.....9760/06

AFOSR 68-1284
UNIVERSITY OF MARYLAND
GENERATION AND DETECTION OF DYNAMIC NEWTONIAN GRAVITATIONAL
FIELDS AT 1600 CPS
THE PHYSICAL REVIEW V167 N5 PP1145-1151 25 MARCH 1966
BY SIMSKY J A
OAR ACCESS NO.....007183-005
ODC NUMBER.....A0670641
INSTR...AF-AFOSR-0409-65
PROJECT/TASK.....9751/01

AFOSR 68-1285
DUKE UNIVERSITY
THE EVALUATION OF AN INTEGRAL INVOLVING THE PRODUCT OF TWO
Gegenbauer Polynomials
SIAM REVIEW V9 PP569-572 JULY 1967
BY SNEEDG I N
OAR ACCESS NO.....000393-007
ODC NUMBER.....A0670499
INSTR...AF-AFOSR-0435-63
PROJECT/TASK.....9760/01

AFOSR 68-1286
AERODEN RESEARCH LABS INC
COMPARATIVE STUDIES OF THE ATTACK OF PYROLYTIC AND
ISOTROPIC GRAPHITE BY ATOMIC AND MOLECULAR OXYGEN AT HIGH
TEMPERATURES
AIAA JOURNAL V6 N4 PP650-654 APR 1968
BY MOSNER D E
ALLENDORF H O
OAR ACCESS NO.....012531-003
ODC NUMBER.....A0670864
INSTR...AF-AFOSR-0496-67
PROJECT/TASK.....9750/02

AFOSR 68-1287
UNIVERSITY OF SOUTHERN CALIFORNIA
ADAPTIVE COMPUTERS
INFORMATION AND CONTROL V11 N4 PP402-422 OCT 1967
BY BREUER M A
OAR ACCESS NO.....014493-004
ODC NUMBER.....A0670887
INSTR...AF-AFOSR-0496-67
PROJECT/TASK.....4751/00

AFOSR 68-1288
UNIVERSITY OF TEXAS AT AUSTIN
CONDUCTION PROPERTIES OF PYROLYTIC SILICON NITRIDE FILMS
JOURNAL OF THE ELECTROCHEMICAL SOCIETY V119 N3 PP273-276
MAR 1968
BY YEARGAN J R
TAYLOR M L
OAR ACCESS NO.....015242-053
ODC NUMBER.....A0670879
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-1290
UNIVERSITY OF CALIFORNIA
THEORETICAL EFFECT OF NONEQUILIBRIUM COMBUSTION ON
HYDRAZINE/NITROGEN TETROXIDE PROPELLANT PERFORMANCE
JOURNAL OF SPACECRAFT AND ROCKETS V5 PP116-117 JAN 1968
BY SWAYER R F
OAR ACCESS NO.....025450-004
ODC NUMBER.....A0670496
INSTR...AF-AFOSR-1256-67
PROJECT/TASK.....9750/02

AFOSR 68-1292
UNIVERSITY OF CALIFORNIA
THE CONSTRUCTION OF RESONANCE CURVES FOR UNDAMPED NONLINEAR
SYSTEMS
IEEE TRANSACTIONS ON EDUCATION VE-11 PP25-28 MAR 1967
BY SOUDACK A C
OAR ACCESS NO.....006703-020
ODC NUMBER.....A0670649
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 68-1293
NATIONAL BUREAU OF STANDARDS
A MASS SPECTROMETRIC STUDY OF THE BERYLLIUM OXIDE-BERYLLIUM
DIFLUORIDE SYSTEMS AT HIGH TEMPERATURES
JOURNAL OF RESEARCH-A PHYSICS AND CHEMISTRY V72A
N1 PP75-80 JAN-FEB 1968
BY EFIMENKO J
OAR ACCESS NO.....500310-026
ODC NUMBER.....A0670717
INSTR...ISSA -00008-65
PROJECT/TASK.....9713/02

AFOSR 68-1294
UNIVERSITY OF CALIFORNIA
THE REACTION OF HYDRAZINE AND CHLORINE PENTAFLUORIDE IN A
LABORATORY ROCKET COMBUSTOR
AIAA AEROSPACE SCIENCES MEETING 6TH NY NY 22-24 JAN 1963
BY SAWYER R F
PURGALIS P
MCNULLEN E T
OAR ACCESS NO.....025450-005
ODC NUMBER.....A0670497
INSTR...AF-AFOSR-1256-67
PROJECT/TASK.....9750/02

AFOSR 68-1295
CARNEGIE-MELLON UNIVERSITY
ON COMPUTATIONAL SPEED - UP
BY MEYER A R
FISCHER P C
OAR ACCESS NO.....022900-037
ODC NUMBER.....A0670544
INSTR...50 -146
PROJECT/TASK.....9719/00

AFOSR 68-1296
FLORIDA STATE UNIVERSITY
ISOBARIC ANALOG STATES IN HEAVY NUCLEI V RESONANCES IN
7R-90 FROM PROTON INELASTIC SCATTERING
PHYSICAL REVIEW V167 N4 PP1131-1142 20 MAR 1968
BY LUNG D O
FOX J D
OAR ACCESS NO.....005115-020
ODC NUMBER.....A0670641
INSTR...AF-AFOSR-0440-67
PROJECT/TASK.....9751/02

AFOSR 68-1297
RADIO CORP OF AMERICA
AN EVALUATION OF HEURISTICS FOR THRESHOLD-FUNCTION
TEST-SYNTHESIS
BY WINDER W O
OAR ACCESS NO.....011880-004
ODC NUMBER.....A0670350
INSTR...AF-AFOSR-0976/01
PROJECT/TASK.....9760/05

AFOSR 68-1298
STANFORD UNIVERSITY
EXPERIMENTAL ELECTRODE CURRENT DISTRIBUTIONS IN TWO CHANNELS
SUIMP NO 230
BY KURZ J L
OAH ACCESS NO.....020770-006
DDC NUMBER.....AD670527
INSTR...AF-49/638/01695
PROJECT/TASK.....9752/01

AFOSR 68-1299
UNIVERSITY OF WASHINGTON
WRITECOURSE AN EDUCATIONAL PROGRAMMING LANGUAGE
BY HUNT E B
ZUSEL M
OAH ACCESS NO.....027220-003
DDC NUMBER.....AD670524
INSTR...AF-AFOSR-1311-07
PROJECT/TASK.....9779/01

AFOSR 68-1300
UNIVERSITY OF WASHINGTON
MODULAMITY IN DESIGN THE APPLICATION OF SHIFT REGISTERS IN SECONDARY STATE ASSIGNMENT
BY OKEEFE K M
OAH ACCESS NO.....009295-004
DDC NUMBER.....AD670550
INSTR...AF-AFOSR-0939-07
PROJECT/TASK.....9769/04

AFOSR 68-1301
RADIO CORP OF AMERICA
A REPRESENTATION SYSTEM FOR PARSING PROCEDURES
BY WALTERS D A
OAH ACCESS NO.....011881-001
DDC NUMBER.....AD670577
INSTR...F44620-68-C-0012
PROJECT/TASK.....9769/05

AFOSR 68-1302
CARNEGIE-MELLON UNIVERSITY
TERMINATION OF ALGORITHMS
BY MANNA Z
OAH ACCESS NO.....022900-038
DDC NUMBER.....AD670558
INSTR...50 -146
PROJECT/TASK.....9718/00

AFOSR 68-1303
RADIO CORP OF AMERICA
AUTOMATIC QUESTION-ANSWERING OF ENGLISH-LIKE QUESTIONS ABOUT SIMPLE DIAGRAMS
BY KOCHEN M
OAH ACCESS NO.....011880-005
DDC NUMBER.....AD670545
INSTR...AF-49/638/01184
PROJECT/TASK.....9769/05

AFOSR 68-1304
UNIVERSITY OF CALIFORNIA
CONTROLLABILITY OBSERVABILITY AND STABILITY OF LINEAR SYSTEMS
SIAM JOURNAL CONTROL N1 PP121-130 1968
BY SILVERMAN L M
ANDERSON M D D
OAH ACCESS NO.....008705-021
DDC NUMBER.....AD670600
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....9751/00

AFOSR 68-1306
UNIVERSITY OF CALIFORNIA
HIGH-PRESSURE METALLIC POLYMORPH OF CADMIUM ARSENIDE
PHYSICAL REVIEW LETTERS V20 N9 P442 26 FEB 1968
BY KATZMAN M
DOMONHUE T
OAH ACCESS NO.....026070-003
DDC NUMBER.....AD670888
INSTR...AF-AFOSR-1255-67
PROJECT/TASK.....9760/02

AFOSR 68-1307
INNSBRUCK UNIVERSITY
HALL EFFECT ION SLIP AND FNO EFFECTS IN FARADAY GENERATORS
SCIENTIFIC REPORT NO 55
BY BRESCHEN M
FALSER M
OAH ACCESS NO.....013251-013
DDC NUMBER.....AD672495
INSTR...F61052-67-C-0014
PROJECT/TASK.....9752/01

AFOSR 68-1308
UNIVERSITY OF CALIFORNIA
ICE CAPS ON VENUS
SCIENCE V159 N3814 PP1077-1098 8 MAR 1968
BY LIRBY W F
OAH ACCESS NO.....026070-004
DDC NUMBER.....AD673028
INSTR...AF-AFOSR-1255-67
PROJECT/TASK.....9760/02

AFOSR 68-1309
STANFORD UNIVERSITY
DIFFERENTIAL APPROXIMATION FOR RADIATIVE TRANSFER IN A NONHOMOGENEOUS GAS NEAR EQUILIBRIUM
AIAA JOURNAL V6 N3 PP551-553 MAR 1968
BY COGLEY A C
VINCENTI W G
GILLES S E
OAH ACCESS NO.....014460-008
DDC NUMBER.....AD673254
INSTR...AF-49/638/01280
PROJECT/TASK.....9781/01

AFOSR 68-1310
UNIVERSITY OF DELAWARE
COMBUSTION CHARACTERISTICS OF CRYSTALLINE KIDIZERS
AIAA JOURNAL V6 N3 PP561-564 MAR 1968
BY HACKMAN E E
REACHELL M C
OAH ACCESS NO.....017811-002
DDC NUMBER.....AD671475
INSTR...AF-AFOSR-0922-67
PROJECT/TASK.....9713/01

AFOSR 68-1311
VANDERBILT UNIVERSITY
SPECTROGRAPHIC MEASUREMENTS OF A PULSED ARC
J. APPLIED PHYSICS V39 N3 PP1771-1775 15 FEB 1968
BY BARACH J P
OAH ACCESS NO.....019930-004
DDC NUMBER.....AD671430
INSTR...AF-AFOSR-0287-66
PROJECT/TASK.....9767/03

AFOSR 68-1312
TEXAS TECHNOLOGICAL COLLEGE
COMPLETE PROTON AND NATURALLY OCCURRING SULFUR ISOTOPE SUPER 33S HYPERFINE SPLITTINGS IN THE THIANTHRENE CATION RADICAL
JOURNAL PHYSICAL CHEMISTRY V72 N4 PP1390-1392 APRIL 1968
BY SHINE M J
SULLIVAN P D
OAH ACCESS NO.....019930-006
DDC NUMBER.....AD671431
INSTR...AF-AFOSR-0975-66
PROJECT/TASK.....9762/03

AFOSR 68-1313
UNIVERSITY OF MANITOBA
SURFACE STABILIZED FREE RADICALS
BY GESSER M D
OAH ACCESS NO.....019341-001
DDC NUMBER.....AD671928
INSTR...AF-AFOSR-0642-66
PROJECT/TASK.....9760/02

AFOSR 68-1314
YESHIVA UNIVERSITY
COMPUTER EXPERIMENTS ON CLASSICAL FLUIDS. II EQUILIBRIUM CORRELATION FUNCTIONS
PHYS REV V165 N1 PP201-214 5 JANUARY 1968
BY LOUP VERLET
OAH ACCESS NO.....005833-013
DDC NUMBER.....AD672989
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9761/01

AFOSR 68-1315
HOWEN UNIVERSITY
ON POLE ASSIGNMENT IN MULTI-INPUT CONTROLLABLE LINEAR SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL AC-12 N6 PP660-665 DECEMBER 1967
BY WOHMAN W M
OAH ACCESS NO.....019592-008
DDC NUMBER.....AD671360
INSTR...AF-AFOSR-0693-66
PROJECT/TASK.....9769/01

AFOSR 68-1316
UNIVERSITY OF MIAMI
DYNAMICAL THEORY OF HADRONS AND LEPTONS
PHYS REV V167 N5 PP1452-1461 25 MARCH 1968
BY KURUSNOGLU M
OAH ACCESS NO.....027470-001
DDC NUMBER.....AD671396
INSTR...AF-AFOSR-1268-67
PROJECT/TASK.....9767/04

AFOSR 68-1317
UNIVERSITY OF CHICAGO
SUPERFLUID FLOW TRANSITIONS IN ROTATING NARROW ANNULI
THE PHYSICAL REVIEW V164 N1 PP262-267 5 DECEMBER 1967
BY BENDT P J
OAH ACCESS NO.....016590-017
DDC NUMBER.....AD671386
INSTR...AF-AFOSR-0785-65
PROJECT/TASK.....9767/01

AFOSR 68-1318
UNIVERSITY OF OKLAHOMA
MOLECULAR THERMODYNAMICS OF SIMPLE LIQUIDS
I AND EC FUNDAMENTALS V7 N2 PP332-334 MAY 1968
BY CHIU C H
CANFIELD F B
OAH ACCESS NO.....020150-003
DDC NUMBER.....AD673576
INSTR...AF-AFOSR-1020-66
PROJECT/TASK.....9760/03

AFOSR 68-1319
INTERNATIONAL BUSINESS MACHINES CORP
A NOTE ON FUNCTIONS WHICH OPERATE
PACIFIC JOURNAL OF MATHEMATICS V24 N2 PP297-307 1968
BY KONHEIM A G
WEISS B
OAH ACCESS NO.....021840-003
DDC NUMBER.....AD673259
INSTR...AF-49/638/01682
PROJECT/TASK.....9749/02

AFOSR 68-1320
UNIVERSITY OF SOUTHERN CALIFORNIA
FINITE STATE CONTROL OF QUADRUPOLE LOCOMOTION
SIMULATION V9 N3 PP135-140 SEPT 1967
BY MCGHEE R B
OAR ACCESS NO.....021210-004
DOC NUMBER.....AD673579
INSTR...AF-AFOSR-1018-68
PROJECT/TASK.....9769/03

AFOSR 68-1321
UNIVERSITY OF UTAH
INTRAMOLECULAR HYDROGEN BONDING OF AZO DYES IN AQUEOUS
SOLUTION
PROCEEDINGS NATIONAL ACADEMY OF SCIENCES V89 N6 PP1077-1079
APR 1968
BY INSKEEP W H
JONES D L
SELFAST W T
RYRING E H
OAR ACCESS NO.....014211-002
DOC NUMBER.....AD673029
INSTR...AF-AFOSR-0476-68
PROJECT/TASK.....9710/03

AFOSR 68-1322
UNIVERSITY OF IDAHO
REACTIVE INTERMEDIATES IN THE BICYCLO /3 1 0/ HEXYL AND
BICYCLO /3 1 0/ HEXYLIDENE SYSTEMS BY THE FREE-RADICAL
CHLORINATION AND CHLOROPHYLATION OF BICYCLO /3 1 0/
JOURNAL ORGANIC CHEMISTRY V33 N4 PP1448-1453 APRIL 1968
BY FREEMAN P K
RAYMOND F A
SUTTON J C
KINDLEY W R
OAR ACCESS NO.....012091-006
DOC NUMBER.....AD673578
INSTR...AF-AFOSR-0034-68
PROJECT/TASK.....9762/02

AFOSR 68-1323
INNSBRUCK UNIVERSITY
WORK DONE 1967/68 AT INNSBRUCK UNIVERSITY ON INSTABILITIES
THE VLASOV EQUATION FARADAY GENERATORS AND BOUNDARY LAYER
PROBLEMS AND HIGH CONDUCTIVITY PLASMAS
SCIENTIFIC REPORT NO 57
BY CAP F
FALSER H
FLORIANI D
FRIEDEL H
HERRNEGGER F
OAR ACCESS NO.....013251-015
DOC NUMBER.....AD671547
INSTR...F61052-67-C-0014
PROJECT/TASK.....9752/01

AFOSR 68-1324
CASE WESTERN RESERVE UNIVERSITY
WAVES IN FERROMAGNETIC METALS FINAL REPORT MAY 1968
BY THOMPSON E O
OAR ACCESS NO.....016670-005
DOC NUMBER.....AD676015
INSTR...AF-AFOSR-0857-65
PROJECT/TASK.....9763/02

AFOSR 68-1325
NORTHWESTERN UNIVERSITY
A FREQUENCY-DOMAIN STABILITY CHART FOR NONLINEAR FEEDBACK
SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 N6 PP740-743
DECEMBER 1967
BY MURPHY G J
OAR ACCESS NO.....013361-003
DOC NUMBER.....AD671388
INSTR...AF-AFOSR-0270-65
PROJECT/TASK.....9749/01

AFOSR 68-1326
INNSBRUCK UNIVERSITY
SIMILARITY SOLUTIONS FOR TWO-DIMENSIONAL STEADY VISCOUS MAGNETIC
BOUNDARY LAYERS
SCIENTIFIC REPORT NO 56
BY CAP F
FLORIANI D
OAR ACCESS NO.....013251-014
DOC NUMBER.....AD672996
INSTR...F61052-67-C-0014
PROJECT/TASK.....9752/01

AFOSR 68-1327
RADIO CORP OF AMERICA
ON REPRESENTATIONS OF PROBLEMS OF REASONING ABOUT ACTIONS
MACHINE INTELLIGENCE V3 D MICHAEL ED EDINBURGH UNIV PRESS
SCOTLAND PP131-171 1968
BY ANAREL S
OAR ACCESS NO.....011890-006
DOC NUMBER.....AD670668
INSTR...AF-49/638/01184
PROJECT/TASK.....9769/05

AFOSR 68-1328
COLUMBIA UNIVERSITY
AN ANALYSIS ON THE 6750-ANGSTROM BAND SYSTEM OF CS2
JOURNAL OF MOLECULAR SPECTROSCOPY V25 N3 PP205-223 FEB
1968
BY KUSCH P
HESSLER W H
OAR ACCESS NO.....000063-006
DOC NUMBER.....AD669679
INSTR...AF-AFOSR-0330-68
PROJECT/TASK.....9767/01

AFOSR 68-1329
HARVARD UNIVERSITY
CHIRAL TRANSFORMATIONS
PHYS REV V167 N5 PP1432-1436 25 MARCH 1968
BY SCHWINGER V
OAR ACCESS NO.....004861-050
DOC NUMBER.....AD673257
INSTR...AF-49/638/01380
PROJECT/TASK.....9767/04

AFOSR 68-1331
CAMBRIDGE UNIVERSITY
K 1 ZERO - K 2 ZERO MASS DIFFERENCE AND THE INTERMEDIATE
VECTOR BOSON
PHYSICAL REVIEW LETTERS V20 N12 PP634-636 18 MARCH 1968
BY COBLETT S R
OAR ACCESS NO.....013012-001
DOC NUMBER.....AD673032
INSTR...AF-EOAR-0030-67
PROJECT/TASK.....9751/01

AFOSR 68-1332
UNIVERSITY OF CALIFORNIA
ON MARTIN'S LOWER BOUND FOR RESPONSE TIME OF IMPULSIVELY
LOADED RIGID-PLASTIC STRUCTURES
BY MAYHEM A
PRAGER W
OAR ACCESS NO.....022780-010
DOC NUMBER.....AD674001
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9762/01

AFOSR 68-1333
BRISTOL UNIVERSITY
CHEMISTRY OF THE METAL CARBONYLS PART XLV REACTIONS
BETWEEN HEXAFLUOROBUT-1,3-DIENE AND THE PENTACARBONYL
HYDRIDES OF MANGANESE AND RHENIUM
JOURNAL THE CHEMICAL SOCIETY SECT A PP899-902 1968
BY FATTERSHALL B W
REST A J
GREEN M
STONE F G A
OAR ACCESS NO.....015380-011
DOC NUMBER.....AD673104
INSTR...AF-61/052/00847
PROJECT/TASK.....9710/02

AFOSR 68-1334
UNIVERSITY OF BERGEN
SIMULTANEOUS BALLOON MEASUREMENTS OF AURORAL X-RAYS DURING
SLOWLY VARYING IONOSPHERIC ABSORPTION EVENTS
JOURNAL OF ATMOSPHERIC AND TERRESTRIAL PHYSICS V30 PP591-607
1968
BY REVERSDORFF A
KRENSER G
STADSNES J
TREFALL M
ULLALAND S
OAR ACCESS NO.....017170-004
DOC NUMBER.....AD671568
INSTR...AF-61/052/00869
PROJECT/TASK.....9751/04

AFOSR 68-1335
BRISTOL UNIVERSITY
CHEMISTRY OF THE METAL CARBONYLS PART XLVI
PERFLUOROBUTADIENYL IRON RHENIUM AND MANGANESE COMPLEXES
JOURNAL THE CHEMICAL SOCIETY SECT A PP902-905 1968
BY GREEN M
MAYNE N
STONE F G A
OAR ACCESS NO.....015380-009
DOC NUMBER.....AD671448
INSTR...AF-61/052/00847
PROJECT/TASK.....9710/02

AFOSR 68-1336
BRISTOL UNIVERSITY
CHEMISTRY OF THE METAL CARBONYLS PART XLVII REACTIONS OF
PENTACARBONYLRHENIUM
JOURNAL THE CHEMICAL SOCIETY SECT A PP895-898 1968
BY BRUCE M E
HARBOURNE D A
WAUGH F
STONE F G A
OAR ACCESS NO.....015380-010
DOC NUMBER.....AD671447
INSTR...AF-61/052/00847
PROJECT/TASK.....9710/02

AFOSR 68-1337
LEHIGH UNIVERSITY
GAINS, AN ON-LINE STRUCTURE FOR THE NEGOTIATION OF
INQUIRIES FINAL REPORT SEPT 1967
BY GREEN J S
OAR ACCESS NO.....015351-002
DOC NUMBER.....AD660089
INSTR...AF-AFOSR-0724-66
PROJECT/TASK.....9769/01

AFOSR 68-1338
JOHNS HOPKINS UNIVERSITY
ESTIMATING PROBABILITIES
MONTHLY WEATHER REVIEW V95 N8 PP570-576 AUG 1967
BY BRULSFORD W H
JONES R H
OAR ACCESS NO.....014670-014
DOC NUMBER.....AD671565
INSTR...AF-49/638/01302
PROJECT/TASK.....9749/02

AFOSR 68-1339
BROWN UNIVERSITY
DECOUPLING IN THE DESIGN AND SYNTHESIS OF MULTIVARIABLE
CONTROL SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 NO PP651-659
DECEMBER 1967
BY FALB P L
WOLOVICH W A
OAR ACCESS NO.....019593-007
DOC NUMBER.....A0670689
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 68-1340
UNIVERSITY OF SOUTHERN CALIFORNIA
AUTOMATIC CONTROL SYSTEMS FOR LEGGED LOCOMOTION MACHINES
OAR ACCESS NO.....021211-004
DOC NUMBER.....A0670681
INSTR...AF-AFOSR-1018-67
PROJECT/TASK.....9769/03

AFOSR 68-1341
UNIVERSITY OF CALIFORNIA
BRAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL
MECHANISMS AND SOCIAL PATTERNS UCLA FORUM IN MEDICAL
SCIENCES NUMBER 7 - PROCEEDINGS OF THE FIFTH CONFERENCE ON
OAR ACCESS NO.....017870-001
DOC NUMBER.....A0670424
INSTR...AF-49/638/01564
PROJECT/TASK.....7164/00

AFOSR 68-1342
UNIVERSITY OF CALIFORNIA
BRAIN FUNCTION VOLUME IV UCLA FORUM IN MEDICAL SCIENCES
NUMBER 6 - PROCEEDINGS OF THE FOURTH CONFERENCE ON BRAIN
FUNCTION AND LEARNING FINAL REPORT JUNE 1967
OAR ACCESS NO.....007703-001
DOC NUMBER.....A0671338
INSTR...AF-49/638/01366
PROJECT/TASK.....7164/00

AFOSR 68-1343
RADIO CORP OF AMERICA
ON THE REPRESENTATION OF LIMITED INFORMATION BY MEANS OF
PICTURES TREES AND ENGLISH-LIKE SENTENCES
OAR ACCESS NO.....011880-007
DOC NUMBER.....A0670555
INSTR...AF-49/638/01184
PROJECT/TASK.....9769/05

AFOSR 68-1344
UNIVERSITY OF QUEENSLAND
CHARGE AND ENERGY TRANSFER IN ORGANIC SYSTEMS FINAL REPORT
MAY 1968
OAR ACCESS NO.....016990-011
DOC NUMBER.....A0670580
INSTR...AF-AFOSR-0463-65
PROJECT/TASK.....9760/02

AFOSR 68-1345
SMITHSONIAN INSTITUTION
SUMMER INSTITUTE IN SYSTEMATICS 1967 - TRANSCRIPT OF
LECTURES SUMMER INSTITUTE IN SYSTEMATICS WORKING CONFERENCE
25 JUNE - 14 JULY 1967 FINAL REPORT APRIL 1968
OAR ACCESS NO.....023703-001
DOC NUMBER.....A0670513
INSTR...AF-AFOSR-1330-67
PROJECT/TASK.....9777/01

AFOSR 68-1346
UNIVERSITY OF SOUTH CAROLINA
NON WAVEGUIDE METHODS OF MILLIMETER WAVE TRANSMISSION FINAL
REPORT JUNE 1968
OAR ACCESS NO.....000703-001
DOC NUMBER.....A0676971
INSTR...AF-AFOSR-0003-65
PROJECT/TASK.....9767/02

AFOSR 68-1347
BELL AEROSYSTEMS CO
ON ADAPTIVE NETS
ELECTRICAL ENGINEERING DEPT SEMINAR UNIV OF TEXAS AUSTIN
18 APRIL 1967
OAR ACCESS NO.....015341-002
DOC NUMBER.....A0656764
INSTR...AF-49/638/01627
PROJECT/TASK.....9769/04

AFOSR 68-1348
UNIVERSITY OF CHICAGO
PROPERTIES OF SIMPLE LIQUIDS
THE SCIENCE TEACHER V35 NO PP17-23 MAY 1968
OAR ACCESS NO.....015061-025
DOC NUMBER.....A0670686
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9769/01

AFOSR 68-1349
UNIVERSITE DE PARIS A LA SORBONNE
MAGNETOPLASMA EFFECTS IN SOLIDS FINAL REPORT APRIL 1968
OAR ACCESS NO.....016840-001
DOC NUMBER.....A0670692
INSTR...AF-EOAR -0045-65
PROJECT/TASK.....9763/03

AFOSR 68-1350
BELL AEROSYSTEMS CO
THE INFLUENCE OF NETWORK STRUCTURE ON THE PERFORMANCE OF
LEARNING SYSTEMS
BAC REPT NO 9500-920089
OAR ACCESS NO.....015341-003
DOC NUMBER.....A0670843
INSTR...AF-49/638/01627
PROJECT/TASK.....9769/02

AFOSR 68-1351
UNIVERSITY OF TEXAS AT AUSTIN
AN ALGORITHM FOR CONSTRUCTING IRREDUCIBLE REALIZATION OF
TIME INVARIANT SYSTEMS
JOURNAL OF THE FRANKLIN INSTITUTE V285 N2 PP110-124 FEB 1966
OAR ACCESS NO.....015242-054
DOC NUMBER.....A0670696
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-1352
HEOREW UNIVERSITY
ASYMPTOTIC FORMULAS WITH REMAINDER ESTIMATES FOR
EIGENVALUES OF ELLIPTIC OPERATORS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V28 N3 PP165
-183 1968
OAR ACCESS NO.....003643-010
DOC NUMBER.....A0670677
INSTR...AF-FOAR -0018-66
PROJECT/TASK.....9749/02

AFOSR 68-1353
UNIVERSITY OF TEXAS AT AUSTIN
EXTREMELY HIGH DENSITY MAGNETIC INFORMATION STORAGE
IEEE TRANSACTIONS ON MAGNETICS VMAG-4 N1 PP75 MAR 1968
OAR ACCESS NO.....015242-055
DOC NUMBER.....A0670697
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-1354
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SEPARATION AND STALL OF AN IMPULSIVELY STARTED ELLIPTIC
CYLINDER
JOURNAL OF APPLIED MECHANICS PP873-828 DEC 1967
OAR ACCESS NO.....001345-005
DOC NUMBER.....A0670680
INSTR...AF-49/638/01627
PROJECT/TASK.....9761/02

AFOSR 68-1355
NEW YORK UNIVERSITY
CHARACTERIZATION OF VOLATILIZED SPECIES FROM SOLID
PROPELLANTS
AIAA JOURNAL V5 NO PP1501-1503 AUG 1967
OAR ACCESS NO.....001840-002
DOC NUMBER.....A0670690
INSTR...AF-49/638/03173
PROJECT/TASK.....9750/00

AFOSR 68-1356
NEW YORK UNIVERSITY
THE THERMAL DECOMPOSITION OF OXYGEN DIFLUORIDE IN A FLOW
SYSTEM
JOURNAL OF PHYSICAL CHEMISTRY V71 N12 PP3999-4002 NOV 1967
OAR ACCESS NO.....001840-003
DOC NUMBER.....A0670692
INSTR...AF-49/638/03173
PROJECT/TASK.....9750/00

AFOSR 68-1357
CALIFORNIA INSTITUTE OF TECHNOLOGY
VISCOUS EFFECTS AND HEAT TRANSFER IN SEPARATED FLOWS
OAR ACCESS NO.....007503-002
DOC NUMBER.....A0670680
INSTR...AF-49/638/01244
PROJECT/TASK.....4781/02

AFOSR 68-1358
ADVANCED KINETICS INCL
ACCELERATION OF MICROPARTICLES BY LASER-INDUCED VAPOR
EMISSION
APPLIED PHYSICS LETTERS V12 N2 PP57-59 15 JAN 1968
OAR ACCESS NO.....014960-007
DOC NUMBER.....A0670686
INSTR...AF-49/638/01150
PROJECT/TASK.....4764/02

AFOSR 68-1361
WFSINGHOUSE ELECTRIC CORP
PROSPECTS FOR SIMULATION AND SIMULATORS OF DYNAMIC SYSTEMS
SPARTAN MOORS NEW YORK 1967 FINAL REPORT JAN 1967
BY SHAPIRO G
HUGERS M
OAR ACCESS NO.....020230-001
DOC NUMBER.....A0670030
INSTR...AF-49/638/01302
PROJECT/TASK.....9781/01

AFOSR 68-1362
STANFORD UNIVERSITY
FLUCTUATIONS IN A JOSEPHSON JUNCTION
PHYSICAL REVIEW V166 N2 PP475-480 10 APR 68
BY FETTER A L
STEPHEN M J
OAR ACCESS NO.....001793-114
DOC NUMBER.....A0670032
INSTR...AF-49/638/01304
PROJECT/TASK.....9751/01

AFOSR 68-1363
STANFORD UNIVERSITY
COVARIANT THEORY OF THE DISINTEGRATION OF THE DEUTERON BY
PIONS AND PHOTONS AT HIGH ENERGY
PHYSICAL REVIEW V166 N5 PP1521-1524 25 FEB 1968
BY GEORGE D J
OAR ACCESS NO.....001793-115
DOC NUMBER.....A0670033
INSTR...AF-49/638/01309
PROJECT/TASK.....9751/01

AFOSR 68-1364
STANFORD UNIVERSITY
FURRY'S THEOREM AND INTERFERENCE OF ELECTRODYNAMIC
AMPLITUDES
PHYSICAL REVIEW V166 N5 PP1553-1557 25 FEB 1968
BY HENNY G H
OAR ACCESS NO.....001793-116
DOC NUMBER.....A0670035
INSTR...AF-49/638/01309
PROJECT/TASK.....9751/01

AFOSR 68-1365
STANFORD UNIVERSITY
ABSORPTION IN HIGH-ENERGY PHOTOPRODUCTION
PHYSICAL REVIEW V166 N5 PP1571-1574 25 FEB 68
BY ROSS D K
OAR ACCESS NO.....001793-117
DOC NUMBER.....A0670034
INSTR...AF-49/638/01309
PROJECT/TASK.....9751/01

AFOSR 68-1366
UNIVERSITY OF CALIFORNIA
DYNAMICS BASED ON RISING HEGGE TRAJECTORIES
PHYSICAL REVIEW V166 N5 PP1539-1552 25 FEB 68
BY MANDELSTAM S
OAR ACCESS NO.....005134-027
DOC NUMBER.....A0671078
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9767/04

AFOSR 68-1367
UNIVERSITY OF CALIFORNIA
GENERAL MASS FORMULA FOR THE Nambu WAVE EQUATIONS
PHYSICAL REVIEW V167 N5 PP1319 25 MAR 68
BY HENMANN R
OAR ACCESS NO.....005134-028
DOC NUMBER.....A0671080
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9767/04

AFOSR 68-1368
INSTITUTE OF BROOKLYN POLYTECHNIC
HYPERSONIC INTERACTIONS NEAR SHARP LEADING EDGES
FINAL REPORT NO 68-17
BY RUHIM S G
LIN T C
PIRUCCI M
RUOMAN S
OAR ACCESS NO.....019521-012
DOC NUMBER.....A0670005
INSTR...AF-49/638/01023
PROJECT/TASK.....9781/01

AFOSR 68-1369
ILLINOIS INSTITUTE OF TECHNOLOGY
ANALYTICAL AND EXPERIMENTAL INVESTIGATIONS OF OSCILLATIONS
IN ROCKET MOTOR DAPPLE CAVITIES FINAL REPORT MAY 1968
BY TUNDA T P
PATEL M R
OAR ACCESS NO.....020750-001
DOC NUMBER.....A0670092
INSTR...AF-AFOSR-1081-66
PROJECT/TASK.....9711/01

AFOSR 68-1370
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
NUMBER OPERATIONS FOR REPRESENTATIONS OF THE CANONICAL
COMMUTATION RELATIONS
COMMUN MATH PHYS V8 PP164-186 1968
BY CHAIKEN J H
OAR ACCESS NO.....007715-001
DOC NUMBER.....A0671103
INSTR...AF-49/620-67-6-0004
PROJECT/TASK.....9742/01

AFOSR 68-1371
STANFORD UNIVERSITY
NUMERICAL ANALYSIS OF HADRON TOTAL CROSS SECTIONS IN THE
QUARK MODEL
PHYSICAL REVIEW V163 N5 PP1735-1743 25 MAY 1967
BY HARNHILL M V III
OAR ACCESS NO.....001793-118
DOC NUMBER.....A0671009
INSTR...AF-49/638/01340
PROJECT/TASK.....9751/01

AFOSR 68-1372
STANFORD UNIVERSITY
HIGHER-ORDER CORRECTIONS TO COLLECTIVE PARTICLE-MOLE
EXCITATIONS USING GREEN FUNCTION TECHNIQUES
NUCLEAR PHYSICS A109 N1 PP129-148 19 FEB 1968
BY HARRETT H R
OAR ACCESS NO.....001793-119
DOC NUMBER.....A0670097
INSTR...AF-49/638/01340
PROJECT/TASK.....9751/01

AFOSR 68-1373
NORTH CAROLINA STATE UNIVERSITY
A NONLINEAR INTEGRO-DIFFERENTIAL EQUATION ASSOCIATED WITH A
CLASS OF WEDGE PROBLEMS
BY FARGLE G M
OAR ACCESS NO.....011593-007
DOC NUMBER.....A0671168
INSTR...AF-AFOSR-0444-66
PROJECT/TASK.....9749/01

AFOSR 68-1374
CARNEGIE-MELLON UNIVERSITY
EXPLORATIONS OF THE COGNITIVE PROCESSES IN DESIGN
BY EASTMAN C M
OAR ACCESS NO.....022900-039
DOC NUMBER.....A0671158
INSTR...SD -146
PROJECT/TASK.....9718/00

AFOSR 68-1375
GEORGE WASHINGTON UNIVERSITY
COMPILATION AND ANALYSIS OF LEXICAL RESOURCES IN
INFORMATION SCIENCE FINAL REPORT JUNE 1968
BY FUELLHART P O
WEEKS D C
OAR ACCESS NO.....027670-001
DOC NUMBER.....A0671148
INSTR...AF-AFOSR-1325-67
PROJECT/TASK.....9764/01

AFOSR 68-1377
AVCO/EVERETT RESEARCH LAB
ELEVENTH AFOSR CONTRACTORS MEETING ON NON-CHEMICAL
ENERGETICS
AFOSR CONTRACTORS MEETING ON NON-CHEMICAL ENERGETICS WITH
GS JAMES ED BOSTON MASS 20-22 MAY 1968
BY JAMES G S
OAR ACCESS NO.....005241-004
DOC NUMBER.....A0671148
INSTR...AF-49/638/01553
PROJECT/TASK.....9757/01

AFOSR 68-1378
STANFORD UNIVERSITY
SOME CONSEQUENCES OF THE SATURATION OF COVARIANT SUM RULES
DERIVED FROM QUARK CHARGE-COMMUTATION RELATIONS
PHYSICAL REVIEW V165 N5 PP1667-1682 25 JAN 1968
BY PATSAKOS G
OAR ACCESS NO.....001793-120
DOC NUMBER.....A0670925
INSTR...AF-49/638/01309
PROJECT/TASK.....9751/01

AFOSR 68-1379
STANFORD UNIVERSITY
HYPERNUCLEAR SPECTROSCOPY FOR A EQUALS 6
PHYSICAL REVIEW V163 N4 PP495-502 20 NOV 67
BY ANANTHANARAYANAN K
OAR ACCESS NO.....001793-121
DOC NUMBER.....A0670966
INSTR...AF-49/638/01340
PROJECT/TASK.....9751/01

AFOSR 68-1380
PENNSYLVANIA POLYTECHNIC INSTITUTE
HADRON EIGENVALUE PROBLEMS
PROBABILISTIC METHODS IN APPLIED MATHEMATICS ACADEMIC PRESS
INC N Y VI PP1-73 1968
BY HOYLE W I
OAR ACCESS NO.....001793-122
DOC NUMBER.....A0671105
INSTR...AF-49/638/01340
PROJECT/TASK.....9751/01

AFOSR 68-1384
FLORIDA STATE UNIVERSITY
THE BEHAVIOR OF THE ANGULAR CORRELATION FUNCTION IN
FOLLOWING INELASTIC SCATTERING OF HELIUM 3 PARTICLES FROM
CANNON 12
PHYSICS LETTERS 2201 N5 PP503-504 14 MAR 1968
BY ASSOGA G E
LASALLE R A
AMFIELD C F
VAN-BINSVELT M A
WUENHONG M M
OAR ACCESS NO.....001793-123
DOC NUMBER.....A0671106
INSTR...AF-AFOSR-0442-67
PROJECT/TASK.....9751/01

AFOSR 68-1385
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
AN EXTENSION OF A THEOREM OF I. U. RAJAHATY
JOURNAL OF FUNCTIONAL ANALYSIS V1 N1 PP1-21 MAY 1967
BY SEGAL I
DAR ACCESS NO.....007714-001
DDC NUMBER.....AD670651
INSTR...AF-AFOSR-0342-66
PROJECT/TASK.....9749/01

AFOSR 68-1386
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
NOTES TOWARD THE CONSTRUCTION OF NONLINEAR RELATIVISTIC
QUANTUM FIELDS I THE HAMILTONIAN IN TWO SPACE-TIME
DIMENSIONS AS THE GENERATOR OF A CASTERISK-AUTOMORPHISM
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES USA V57 N5
PP1170-1183 MAY 1967
BY SEGAL I
DAR ACCESS NO.....007714-002
DDC NUMBER.....AD670653
INSTR...AF-AFOSR-0342-66
PROJECT/TASK.....9749/01

AFOSR 68-1387
NORTHWESTERN UNIVERSITY
DISPERSION OF TIME-HARMONIC WAVES IN A LAMINATED PLATE
ATAA/ASME STRUCTURES STRUCTURAL DYNAMICS AND MATERIALS
CONFERENCE 9TH PALM SPRINGS CALIF 1-3 APR 1968 PP1-7 1968
BY SUN C T
ACHENBACH J D
HEHRMANN G
DAR ACCESS NO.....012245-002
DDC NUMBER.....AD670670
INSTR...AF-AFOSR-0100-67
PROJECT/TASK.....9749/01

AFOSR 68-1388
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE DISPERSION FOR NONLINEAR RELATIVISTIC EQUATIONS WITH
PARTIAL DERIVATIVES /FRENCH/
COMPT REND ACAD SCI PARIS N261 N4 PP5373-5321 20 DEC 1965
BY SEGAL I
DAR ACCESS NO.....007714-003
DDC NUMBER.....AD670684
INSTR...AF-AFOSR-0342-66
PROJECT/TASK.....9749/01

AFOSR 68-1389
UNIVERSITY OF MICHIGAN
COMPUTER-AIDED NETWORK DESIGN
MCGRAW-HILL BOOK COMPANY NEW YORK
BY CALAHAN D A
DAR ACCESS NO.....070301-001
DDC NUMBER.....AD672378
INSTR...AF-AFOSR-1217-67
PROJECT/TASK.....9749/01

AFOSR 68-1390
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
POSITIV-ENERGY PARTICLE MODELS WITH MASS SPLITTING
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V57 N2
PP194-197 FEBRUARY 1967
BY SEGAL I
DAR ACCESS NO.....007714-004
DDC NUMBER.....AD670971
INSTR...AF-AFOSR-0342-66
PROJECT/TASK.....9749/01

AFOSR 68-1391
NEW YORK UNIVERSITY
A MATHEMATICAL MODEL FOR THE ANALYSIS OF CONTINUUM-LIKE DATA
JOURNAL OF THE ASSOCIATION FOR COMPUTING MACHINERY V15 N2
PP205-220 APR 1968
BY HINKE S P
DAR ACCESS NO.....010312-001
DDC NUMBER.....AD671065
INSTR...AF-AFOSR-1367-68
PROJECT/TASK.....9749/02

AFOSR 68-1392
UNIVERSITY OF MICHIGAN
ON THE MOHUS LADDERS
CANADIAN MATHEMATICAL BULLETIN V10 N4 PP493-496 1967
BY GUY R W
MANNING F
DAR ACCESS NO.....014960-007
DDC NUMBER.....AD671086
INSTR...AF-AFOSR-0754-65
PROJECT/TASK.....9749/01

AFOSR 68-1393
UNIVERSITY OF MICHIGAN
ON THE CRITICAL LINES OF A GRAPH
JOURNAL OF MATHEMATICS V22 N2 PP205-212 1967
BY HINKE S P
MANNING F
PELLEGRINI M U
DAR ACCESS NO.....014960-008
DDC NUMBER.....AD671085
INSTR...AF-AFOSR-0754-65
PROJECT/TASK.....9749/01

AFOSR 68-1394
UNIVERSITY OF MICHIGAN
ON THE COMPUTER ENRICHMENT OF FINITE TOPOLOGICS
COMMUNICATIONS OF THE ACM V10 N5 PP206-208 MAY 1967
BY MANNING F
VAAS J W
LYNN W S
DAR ACCESS NO.....014960-009
DDC NUMBER.....AD671086
INSTR...AF-AFOSR-0754-65
PROJECT/TASK.....9749/01

AFOSR 68-1395
UNIVERSITY OF MICHIGAN
ON THE UPPER BOUND OF THE PROBABILITY OF ERROR OF A LINEAR
PATTERN CLASSIFIER FOR PROBABILISTIC PATTERN CLASSES
PROCEEDINGS OF THE IEEE V56 N3 PP321-322 MARCH 1968
BY YAU S S
LIN T T
DAR ACCESS NO.....027690-001
DDC NUMBER.....AD671086
INSTR...AF-AFOSR-1292-67
PROJECT/TASK.....9749/01

AFOSR 68-1397
UNIVERSITA DEGLI STUDI DI NAPOLI
SMALL PERTURBATION THEORIES FOR SINGLY REACTING MIXTURES
BY NAPOLITANO L G
DAR ACCESS NO.....006031-004
DDC NUMBER.....AD671152
INSTR...AF-61/052/00953
PROJECT/TASK.....9701/02

AFOSR 68-1398
UNIVERSITY OF ZURICH
INTESTINAL DIGESTION AND ABSORPTION OF SUGARS AND PEPTIDES
FINAL REPORT APRIL 1968
BY SEMENZA G
DAR ACCESS NO.....022640-004
DDC NUMBER.....AD671513
INSTR...AF-FOAR -7017-67
PROJECT/TASK.....9777/01

AFOSR 68-1399
STANFORD UNIVERSITY
DISTRIBUTION OF VORTICES IN ROTATING HELIUM II
PHYSICAL REVIEW V168 N1 PP156-159 5 APR 1968
BY STAUFFER D
FETTER A L
DAR ACCESS NO.....001793-122
DDC NUMBER.....AD671007
INSTR...AF-49/638/01384
PROJECT/TASK.....9751/01

AFOSR 68-1400
STANFORD UNIVERSITY
RELATIVISTIC MODEL FOR ELECTROPRODUCTION OF
NUCLEON RESONANCES
PHYSICAL REVIEW V167 N5 PP1479-1488 25 MAR 1968
BY WALECKA J O
ZUCKER P A
DAR ACCESS NO.....001793-123
DDC NUMBER.....AD670998
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 68-1401
STANFORD UNIVERSITY
MUCH CAPTURE IN HELIUM-3
PHYSICAL REVIEW V167 N4 PP971-980 20 MARCH 1968
BY PETERSON F A
DAR ACCESS NO.....001793-124
DDC NUMBER.....AD671008
INSTR...AF-49/638/01389
PROJECT/TASK.....9751/01

AFOSR 68-1402
STANFORD UNIVERSITY
SCAL EXTENSIONS OF THE MANY-BODY POTENTIAL MODEL OF QUARK
BINDING
PHYSICAL REVIEW V163 N5 PP1744-1747 25 NOV 1967
BY MANNING F
DAR ACCESS NO.....001793-125
DDC NUMBER.....AD670996
INSTR...AF-49/638/01384
PROJECT/TASK.....9751/01

AFOSR 68-1403
SCIENCE COMMUNICATION INC
STUDY OF SCIENTIFIC AND TECHNICAL DATA ACTIVITIES IN THE
UNITED STATES VOLUME II PART C PRELIMINARY CENSUS OF
OF NATIONAL DATA SYSTEM CONCEPTS FINAL REPORT APRIL 1968
BY NYAFT D O
DAR ACCESS NO.....022700-001
DDC NUMBER.....AD670906
INSTR...AF-46020-67-C-0022
PROJECT/TASK.....9726/00

AFOSR 68-1404
UNIVERSITY OF TORONTO
A NEW APPROACH TO LOCALIZED DIAGNOSTICS
INTERNATIONAL CONF IONIZATION PHENOMENA 8TH VIENNA AUSTRIA
27 AUG-2 SEPT 1967 PP513
BY MEASURES R M
DAR ACCESS NO.....019761-002
DDC NUMBER.....AD671494
INSTR...AF-AFOSR-0944-66
PROJECT/TASK.....9752/01

AFOSR 69-1401
UNIVERSITY OF ILLINOIS
FUNCTIONS OF A COMPLEX VARIABLE FINAL REPORT JUNE 1968
BY HUMPHREY L A
DAR ACCESS NO.....014021-001
DOC NUMBER.....AD671007
INSTR.....AF-49/638/01344
PROJECT/TASK.....9749/02

AFOSR 69-1406
BUREAU OF SOCIAL SCIENCE RESEARCH INC
AN ANNOTATED BIBLIOGRAPHY ON PRISONER INTERROGATION
COMPLIANCE AND RESISTANCE
BY HIDEFMAN A D
DAR ACCESS NO.....014210-008
DOC NUMBER.....AD670499
INSTR.....AF-49/638/01344
PROJECT/TASK.....9779/02

AFOSR 69-1407
BUREAU OF SOCIAL SCIENCE RESEARCH INC
NOTES ON THE PHYSICAL STATE OF THE PRISONER OF WAR AS IT
MAY AFFECT BRAIN FUNCTION
BY HINKLE L E JR
DAR ACCESS NO.....014210-009
DOC NUMBER.....AD671001
INSTR.....AF-49/638/01344
PROJECT/TASK.....9779/02

AFOSR 69-1408
BUREAU OF SOCIAL SCIENCE RESEARCH INC
ROLLS--NOT RULES--FOR THE POW
BY SCHEIN E H
DAR ACCESS NO.....014210-010
DOC NUMBER.....AD671003
INSTR.....AF-49/638/01344
PROJECT/TASK.....9779/02

AFOSR 69-1409
BUREAU OF SOCIAL SCIENCE RESEARCH INC
PRISONERS IN THE COLD WAR HOSTAGE ACTORS IN LOYALTY PLAYS
BY WALKOFF G
DAR ACCESS NO.....014210-011
DOC NUMBER.....AD671002
INSTR.....AF-49/638/01344
PROJECT/TASK.....9779/02

AFOSR 69-1410
BUREAU OF SOCIAL SCIENCE RESEARCH INC
PRELIMINARY REPORT ON CHINESE COMMUNIST INDOCTRINATION OF
MILITARY PRISONERS OF WAR
BY LEWIS J W
DAR ACCESS NO.....014210-012
DOC NUMBER.....AD671004
INSTR.....AF-49/638/01344
PROJECT/TASK.....9779/02

AFOSR 69-1411
UNIVERSITY OF ILLINOIS
EFFECTS OF TASK CHARACTERISTICS ON GROUP PRODUCTS
JOURNAL OF EXPERIMENTAL SOCIAL PSYCHOLOGY V4 N2 APRIL 1968
BY HACKMAN J H
DAR ACCESS NO.....012871-008
DOC NUMBER.....AD671007
INSTR.....AF-49/638/01344
PROJECT/TASK.....9779/02

AFOSR 69-1412
MCMASTER UNIVERSITY
SOLVENT EFFECTS ON THE UPHON-FLUORINE COUPLING CONSTANT AND
ON FLUORINE EXCHANGE IN THE TETRAFLUOROBORATE ANION
CANADIAN JOURNAL CHEMISTRY V44 P1401-1410 1966
BY LILLESPIE H J
HARTMAN J S
HAREKH M
DAR ACCESS NO.....021040-005
DOC NUMBER.....AD671009
INSTR.....AF-49/638/01344
PROJECT/TASK.....9710/01

AFOSR 69-1413
UNIVERSITY OF THESSALONIKI
SOME PROPERTIES OF THE SOLUTION OF THE FIRST-ORDER
VARIATIONAL EQUATIONS IN THE RESTRICTED THREE-BODY PROBLEM
ASTRONOMICAL JOURNAL V72 N7 P0865-072 SEPTEMBER 1967
BY HADJIDEMETRIU J D
DAR ACCESS NO.....022200-001
DOC NUMBER.....AD671104
INSTR.....AF-61/052/00859
PROJECT/TASK.....9749/01

AFOSR 69-1414
HARVARD UNIVERSITY
CHINESE COMMUNIST HISTORY - THE AUTUMN HARVEST INSURRECTION
THE CHINA QUARTERLY P337-37 OCT-DEC 1967
BY HORNHEIM R J H
DAR ACCESS NO.....019140-006
DOC NUMBER.....AD671091
INSTR.....AF-49/638/01344
PROJECT/TASK.....9779/02

AFOSR 69-1415
HARVARD UNIVERSITY
EFFECTS OF STRESS ON RISK TAKING
PSYCHONOMIC SCIENCE V10 N3 P303-304 1968
BY LIEBOWITZ A
DAR ACCESS NO.....015232-002
DOC NUMBER.....AD671399
INSTR.....AF-49/638/01344
PROJECT/TASK.....9779/01

AFOSR 69-1417
UNIVERSITY OF MINNESOTA
PARTIAL DIFFERENTIAL EQUATIONS CALCULUS OF VARIATIONS AND
FLUID MECHANICS
BY SEHREN D
DAR ACCESS NO.....025680-001
DOC NUMBER.....AD671488
INSTR.....AF-49/638/01344
PROJECT/TASK.....9749/02

AFOSR 69-1418
RENSSELAER POLYTECHNIC INSTITUTE
COMPARISON OF POSITIVE SOLUTIONS OF NONLINEAR EQUATIONS
DIFFERENTIAL AND FUNCTIONAL EQUATIONS W A BENJAMIN INC
PP435-442 1967
BY CHANDRA J
FLEISHMAN B A
DAR ACCESS NO.....014571-001
DOC NUMBER.....AD671357
INSTR.....AF-49/638/01344
PROJECT/TASK.....9749/01

AFOSR 69-1419
UNIVERSITA DEGLI STUDI DI PISA
PENETRATION AND INTERACTION OF A TRANSVERSE JET AND A
SUPERSONIC STREAM FINAL REPORT MAY 1968
BY PISTOLESI F
MARINI M
DAR ACCESS NO.....001035-001
DOC NUMBER.....AD671508
INSTR.....AF-6047-65
PROJECT/TASK.....9781/01

AFOSR 69-1420
HOUSTON UNIVERSITY
PRODUCTION OF MOLECULAR NITROGEN/A TRIPLET SIGMA/ AND
CARBON MONOXIDE /A TRIPLET PI/ BY MERCURY PHOTOSENSITIZATION
JOURNAL PHYSICAL CHEMISTRY V72 P1402 1968
BY GRANZOW A
HOFFMAN M L
LICHTEN M N
WASON S K
DAR ACCESS NO.....014991-001
DOC NUMBER.....AD671407
INSTR.....AF-49/638/01344
PROJECT/TASK.....9749/02

AFOSR 69-1421
UNIVERSITY OF MARYLAND
ATOMIZATION AND VAPORIZATION OF A LIQUID SHEET EXPOSED TO A
SUPERSONIC AIRSTREAM
AIAA PROPULSION JOINT SPECIALIST CONF 4TH CLEVELAND OHIO
1-14 JUN 1968
BY LUHARD S C
SCHEITZ J A
DAR ACCESS NO.....022660-002
DOC NUMBER.....AD672372
INSTR.....AF-49/638/01344
PROJECT/TASK.....9711/01

AFOSR 69-1422
UNIVERSITY OF CALIFORNIA
EXPERIMENTS ON VORTEX SHEDDING FROM YAWED CIRCULAR CYLINDER
AIAA JOURNAL V4 N5 P0913-0933 MAY 1968
BY VAN ATTA C W
DAR ACCESS NO.....024310-001
DOC NUMBER.....AD672420
INSTR.....AF-49/638/01344
PROJECT/TASK.....7921/00

AFOSR 69-1423
CENTRE D'ENSEIGNEMENT ET DE RECH
REGULATION OF RNA SYNTHESIS FINAL REPORT MAY 1968
BY LAVALLÉ R
DAR ACCESS NO.....015401-001
DOC NUMBER.....AD671520
INSTR.....AF-6047-65
PROJECT/TASK.....9777/01

AFOSR 69-1424
UNIVERSITY OF BERGEN
ON TIME-TERM SURVEY NORWAY-SCOTLAND 1967 FINAL REPORT MAY
1968
BY SORNES A
DAR ACCESS NO.....017470-002
DOC NUMBER.....AD676679
INSTR.....AF-61/052/00859
PROJECT/TASK.....9714/01

AFOSR 69-1425
UNIVERSITY OF MICHIGAN
SOIC
NATIONS
BY KILMAN H C
DAR ACCESS NO.....017970-001
DOC NUMBER.....AD676677
INSTR.....AF-49/638/01344
PROJECT/TASK.....9779/02

AFOSR 69-1426
STANFORD UNIVERSITY
THEORETICAL STUDIES IN ELEMENTARY PARTICLES NUCLEAR & LOW
TEMPERATURE PHYSICS
BY SCHIFF L I
DAR ACCESS NO.....001743-126
DOC NUMBER.....AD676700
INSTR.....AF-49/638/01344
PROJECT/TASK.....9751/01

AFOSR 68-1427
JOHNS HOPKINS UNIVERSITY
CONTINGENCY FRAMES WITH GIVEN MAGNITUDES
JOURNAL OF THE SEISMOLOGICAL SOCIETY OF AMERICA V57 N6 PP174-184 1967

BY ERLAND C T
KULLBACK S

DAH ACCESS NO.....019121-001
DOC NUMBER.....A0671854
INSTR....AF-AFOSR-1313-008
PROJECT/TASK.....9749/02

AFOSR 68-1428
JOHNS HOPKINS UNIVERSITY
PREDICTION OF A NOISE-DISTORTED MULTIVARIATE NON-STATIONARY
SIGNAL
JOURNAL OF APPLIED PROBABILITY V4 N2 PP370-382 AUG 1967

BY SOUEL F

DAH ACCESS NO.....014670-015
DOC NUMBER.....A0671854
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....9749/02

AFOSR 68-1429
COLUMBIA UNIVERSITY
THEORETICAL SEISMOGRAMS OF TORSIONAL DISTURBANCES EXCITED
AT A FOCUS WITHIN A HETEROGENEOUS SPHERICAL EARTH - CASE
OF A CIRCULAR HULLER A EARTH MODEL
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA V57 N1
PP133-170 FEB 1967

BY FATH Y
USAMI T
LANDISMAN M

DAH ACCESS NO.....011340-007
DOC NUMBER.....A0671462
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1430
CALIFORNIA INSTITUTE OF TECHNOLOGY
SOME REMARKS ON HEAT FLOW AND GRAVITY ANOMALIES
JOURNAL OF GEOPHYSICAL RESEARCH V72 N24 PP6261-6273
15 DEC 1967

BY MCKENZIE D P

DAH ACCESS NO.....012342-035
DOC NUMBER.....A0671461
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1432
UNIVERSITY OF CALIFORNIA
LOVE WAVE SPECTRA AND THE MECHANISM OF THE 1966 MARKFIELD
SEQUENCE
BULL SEISM SOC AM V57 N6 PP1245-1257 DEC 1967

BY FILSON J
MCEVILLY T V

DAH ACCESS NO.....013721-007
DOC NUMBER.....A0671367
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1433
BROWN UNIVERSITY
THE KHARATKA KIN-SEA WAVES AN EXAMPLE OF PULSE PROPAGATION
IN COUPLED SYSTEMS
GEOPHYS J V13 PP149-159 1967

BY HARRISON D
DRESS F

DAH ACCESS NO.....027000-001
DOC NUMBER.....A067156A
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1434
INSTITUTO GEOGRAFICO Y CATASTRAL
APPROXIMATE WOOD SLIP VECTOR DIRECTION DETERMINATION FOR
INERTIAL NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE
FROM TWO LOCAL STATIONS

BY MUNERA J M

DAH ACCESS NO.....015960-010
DOC NUMBER.....A0671516
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1435
UNIVERSITY OF NEVADA
SPATIAL DISTRIBUTION AND SOURCE MECHANISM OF
MICROEARTHQUAKES IN CENTRAL NEVADA
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA V57 N6 PP1317-1345
DEC 1967

BY STAUDER W
RYALL A

DAH ACCESS NO.....011472-002
DOC NUMBER.....A0671361
INSTR....AF-AFOSR-0646-66
PROJECT/TASK.....0652/00

AFOSR 68-1436
CALIFORNIA INSTITUTE OF TECHNOLOGY
MARKFIELD EARTHQUAKE OF JUNE 28 1966 MAGNITUDE AND
SOURCE MECHANISM
BULL SEISM SOC AM V57 N6 PP639-704 APR 1968

BY WU F T

DAH ACCESS NO.....012342-036
DOC NUMBER.....A0671460
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1437
HARVARD UNIVERSITY
STUDIES IN SOCIAL AND POLITICAL BEHAVIOR AND CHANGE
COMMUNIST CHINA FINAL REPORT JUNE 1968

BY VINCE E F

DAH ACCESS NO.....019140-007
DOC NUMBER.....A0674074
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1439
UNIVERSITY OF OREGON
A TEST OF A TWO-STAGE MODEL OF MAGNITUDE JUDGEMENT
PREDICTION AND PSYCHOPHYSICS V3 N14 PP25-31 1968

BY ATHELAVE F
CURTIS D W
HARRINGTON T L

DAH ACCESS NO.....019730-001
DOC NUMBER.....A0671158
INSTR....AF-AFOSR-0973-66
PROJECT/TASK.....9749/01

AFOSR 68-1440
NATIONAL OBSERVATORY OF ATHENS
ON QUANTITATIVE DETERMINATION OF EARTHQUAKE RISK
BY C ENDOULOS A G

DAH ACCESS NO.....014670-010
DOC NUMBER.....A0671854
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1442
CALIFORNIA INSTITUTE OF TECHNOLOGY
A TWO-DIMENSIONAL ULTRASONIC MODEL STUDY OF COMPRESSIONAL
AND SHEAR-WAVE DIFFRACTION PATTERNS PRODUCED BY A CIRCULAR
CAVITY
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA V57 N1
PP171-176 FEB 1968

BY TENG T L
WU F T

DAH ACCESS NO.....012342-037
DOC NUMBER.....A0671464
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1443
INSTITUTO GEOGRAFICO Y CATASTRAL
A STUDY OF SEISMICITY ON THE PENINSULA IBERICA AREA

BY MUNERA J M

DAH ACCESS NO.....015960-019
DOC NUMBER.....A0671516
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1444
GEOTECHNICAL COMP
SHORT-PERIOD SEISMIC NOISE FINAL REPORT MAY 1968

BY CHUZZ E J

DAH ACCESS NO.....011100-002
DOC NUMBER.....A0671479
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1445
CALIFORNIA INSTITUTE OF TECHNOLOGY
ANWAY MEASUREMENTS OF P VELOCITIES IN THE UPPER MANTLE
JOURNAL OF GEOPHYSICAL RESEARCH V72 N24 PP6339-6325
15 DEC 1967

BY JOHNSON L R

DAH ACCESS NO.....012342-038
DOC NUMBER.....A0671463
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1446
UNIVERSITY OF CALIFORNIA
THE MARKFIELD CALIFORNIA EARTHQUAKES OF 1966
BULL SEISM SOC AM V57 N6 PP1221-1244 DEC 1967

BY MCEVILLY T V
HAKUN W H
CASADAY K H

DAH ACCESS NO.....013721-008
DOC NUMBER.....A0671555
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1447
INSTITUTO GEOGRAFICO Y CATASTRAL
A STUDY OF SEISMICITY ON THE PENINSULA IBERICA AREA FINAL
REPORT APRIL 1968

BY MUNERA J M

DAH ACCESS NO.....015960-020
DOC NUMBER.....A0671518
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1448
WESLEYAN UNIVERSITY
TRANSPORT OF HEAT IN A TYPE I SUPERCONDUCTOR BY A MOVING
MAGNET
PHYSICS LETTERS V26A N7 PP295-296 26 FEB 1968

BY STAFACA S
THOUSDALE W L

DAH ACCESS NO.....019540-003
DOC NUMBER.....A0671465
INSTR....AF-AFOSR-0636-68
PROJECT/TASK.....9749/03

AFOSR 68-1449
CALIFORNIA INSTITUTE OF TECHNOLOGY
TRAVEL TIMES APPARENT VELOCITIES AND AMPLITUDES OF BODY
WAVES
BULL SEISM SOC AM V57 N6 PP639-704 APR 1968

BY JULIAN D R
ANDERSON D L

DAH ACCESS NO.....012342-039
DOC NUMBER.....A0671460
INSTR....AF-AFOSR-0330-62
PROJECT/TASK.....0652/00

AFOSR 68-1450
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE ANELASTICITY OF THE MANTLE
GPMHVS J VIA PP135-124 1967
BY ANDERSON D L
DAR ACCESS NO.....012142-040
DOC NUMBER.....AD671369
INSTR...AF-49/638/01337
PROJECT/TASK.....0652/00

AFOSR 68-1451
CALIFORNIA INSTITUTE OF TECHNOLOGY
EXCITATION OF MANTLE RAYLEIGH WAVES OF PERIOD 100 SECONDS
AS A FUNCTION OF MAGNITUDE
BULL SEIS SOC OF AM V57 NR PP135-1385 DEC 1967
BY BRUNE J A
KING C Y
DAR ACCESS NO.....012342-041
DOC NUMBER.....AD671370
INSTR...AF-49/638/01337
PROJECT/TASK.....0652/00

AFOSR 68-1452
COLUMBIA UNIVERSITY
REVISED DATA ON POLYCRYSTALLINE MAGNESIUM OXIDE
JOURNAL OF GEOPHYSICAL RESEARCH V73 NR APRIL 15 1968
PP2837-2838
BY SCHNEIDER E
ANDERSON C L
DAR ACCESS NO.....014250-012
DOC NUMBER.....AD671472
INSTR...AF-49/638/01355
PROJECT/TASK.....0652/00

AFOSR 68-1453
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ROLE OF EXCITON DISPERSION AND EXCITON-MAGNON INTERACTIONS
ON THE SHAPE OF MAGNON SIDEHANDS IN STRESSED MANGANESE
FLUORIDE
JOURNAL OF APPLIED PHYSICS V39 N2 P1145 1 FEBRUARY 1968
BY NISSEICH A
JIFTZ R E
DAR ACCESS NO.....007912-062
DOC NUMBER.....AD671452
INSTR...AF-49/620-67-C-0047
PROJECT/TASK.....0764/01

AFOSR 68-1454
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETIC-FIELD DEPENDENCE OF THE HYPERFINE FIELD AT IMON IN
DILUTE IRON-PALLADIUM ALLOYS
JOURNAL OF APPLIED PHYSICS V39 N2 P954 1 FEBRUARY 1968
BY BLUM N A
FRANKEL M U
DAR ACCESS NO.....007912-061
DOC NUMBER.....AD671417
INSTR...AF-49/620-67-C-0047
PROJECT/TASK.....0764/01

AFOSR 68-1455
UNIVERSITY OF MARYLAND
SPECTRUM OF LIGHT DUBBLY SCATTERED BY AN OPALESCENT FLUID
THE PHYSICAL REVIEW V169 NR PP199-200 5 MAY 1968
BY FARRER H A
DAR ACCESS NO.....003314-001
DOC NUMBER.....AD671372
INSTR...AF-49/638-08
PROJECT/TASK.....0751/01

AFOSR 68-1456
COLUMBIA UNIVERSITY
ON THE DISTRIBUTIONS OF DENSITY AND TEMPERATURE IN THE LOW
VELOCITY ZONE
J. GEOPHYSICAL RESEARCH V72 N22 PP5249-5253 NOV 15 1967
BY THOMSEN L
DAR ACCESS NO.....014250-013
DOC NUMBER.....AD671473
INSTR...AF-49/638/01355
PROJECT/TASK.....0652/00

AFOSR 68-1457
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EFFECT OF INT. FIELDS IN RARE-EARTH METALS
PHYSICAL REVIEW V167 N2 PP545-550 10 MAR 1968
BY KIM D J
DAR ACCESS NO.....007912-067
DOC NUMBER.....AD671456
INSTR...AF-49/620-67-C-0047
PROJECT/TASK.....0764/01

AFOSR 68-1458
UNIVERSITY OF UTAH
ON DIPOLE CENTERS IN ALKALI HALIDES
JOURNAL OF PHYSIQUE C4 SUPPL 8-9 V28 PP120-129 AUG-SEP 1967
BY LUTY F
DAR ACCESS NO.....021700-001
DOC NUMBER.....AD671458
INSTR...AF-49/638-1141-60
PROJECT/TASK.....0753/02

AFOSR 68-1459
CASE WESTERN RESERVE UNIVERSITY
TEMPERATURE-DEPENDENT HYPERFINE COUPLING CONSTANTS OF
Mn2 PLUS IN FLUORIDES
PHYSICS LETTERS V26A NR 12 FEB 1968
BY HUANG C Y
REICHMUT J A
GIGANTE J
DAR ACCESS NO.....022210-001
DOC NUMBER.....AD671459
INSTR...AF-49/638-1145-60
PROJECT/TASK.....0764/01

AFOSR 68-1460
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
TEMPERATURE DEPENDENCY OF THE MAGNETIC FIELD PERIODICITY IN
FLUX QUANTIZATION EXPERIMENTS
PHYSICS LETTERS V26A NR PP367-368 11 MARCH 1968
BY MESEVEY R
MEYERS L
DAR ACCESS NO.....007912-068
DOC NUMBER.....AD671457
INSTR...AF-49/620-67-C-0047
PROJECT/TASK.....0764/00

AFOSR 68-1461
INSTITUTE OF OCCUPATIONAL HEALTH
HEAT TRANSFER BELOW 0.2 DEGREES K
PHYSICA V38 PP27-80
BY SUOMI M
ANDERSON A C
HOLMSTROM O
DAR ACCESS NO.....021920-001
DOC NUMBER.....AD671359
INSTR...AF-61/052/00958
PROJECT/TASK.....0763/03

AFOSR 68-1462
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
AXIAL MAGNETIC ANISOTROPY IN THE HEAVIER RARE EARTH SODIUM
MOLYBDAL S
J APPL PHYS V34 N2 PT2 PP1200-1201 1 FEBRUARY 1968
BY HULMES L
SCHUBERT M
DAR ACCESS NO.....007912-069
DOC NUMBER.....AD671451
INSTR...AF-49/620-67-C-0047
PROJECT/TASK.....0764/01

AFOSR 68-1463
UNIVERSITY OF TEXAS AT AUSTIN
MODEL POTENTIALS FOR THE NOBLE GAS SOLIDS
SOLID STATE COMMUNICATIONS V6 PP227-232 1968
BY DE WHITE F B
CUTTERILL M M J
DAR ACCESS NO.....026080-002
DOC NUMBER.....AD671471
INSTR...AF-49/638-1257-67
PROJECT/TASK.....0761/01

AFOSR 68-1464
POLYTECHNIC INSTITUTE OF BROOKLYN
METASTABLE SURFACE STRUCTURE OF THE #110/ FACE
SURFACE SCIENCE V10 N3 PP392-398 JUNE 1968
BY JAUDDING R
STERN R M
DAR ACCESS NO.....018640-004
DOC NUMBER.....AD671468
INSTR...AF-49/638/01369
PROJECT/TASK.....0761/03

AFOSR 68-1465
YESSIVA UNIVERSITY
SINGLE PARTICLE GREENS FUNCTION FOR A ONE-DIMENSIONAL
MANY-FERMION SYSTEM
MATH PHYS V8 N12 PP2460-2467 DEC 1967
BY TREUMANN A
DAR ACCESS NO.....021260-007
DOC NUMBER.....AD671467
INSTR...AF-49/638-1075-66
PROJECT/TASK.....0761/01

AFOSR 68-1466
YESSIVA UNIVERSITY
MAGNETIC POLARIZABILITY OF CLOSED SHELLS
PHYSICAL REVIEW LETTERS V20 N15 PP792-793 2 APRIL 1968
BY MATTIS D C
DAR ACCESS NO.....021260-008
DOC NUMBER.....AD671461
INSTR...AF-49/638-1075-66
PROJECT/TASK.....0761/01

AFOSR 68-1467
CASE WESTERN RESERVE UNIVERSITY
ELECTRIC FIELD PERTURBATIONS OF HYPERFINE INTERACTIONS
HYPERFINE INTERACTIONS FREEMAN AND FRANKEL ACADEMIC
PRESS INC NY 512 PP745-751 1967
BY HEICHERT J F
DAR ACCESS NO.....022210-002
DOC NUMBER.....AD671366
INSTR...AF-49/638-1145-66
PROJECT/TASK.....0763/03

AFOSR 68-1468
TECHNION/ISRAEL INST OF TECH
HUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHEELS
ISRAEL JOURNAL OF TECHNOLOGY V6 N1-2 PP125-137 FEB 1968
BY SINGER J
MAFKA D
DAR ACCESS NO.....01324-006
DOC NUMBER.....AD673034
INSTR...AF-61/052/00905
PROJECT/TASK.....0763/03

AFOSR 68-1469
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LINEAR CRYSTAL MOMENTUM VALENCE-BAND SPLITTING IN INDIUM
ANTIMONIDE
PHYS REV LETTERS V20 NR PP1003-1007 29 APRIL 1968
BY PIOGEC C R
GROVES S M
DAR ACCESS NO.....007912-056
DOC NUMBER.....AD670767
INSTR...AF-49/620-67-C-0047
PROJECT/TASK.....0764/00

AFOSR 68-1470
INSTITUTE OF OCCUPATIONAL HEALTH
CALORIMETRIC INVESTIGATION OF HYPERFINE INTERACTIONS IN
BARIUM-EARTH METALS
PHYSICAL REVIEW LETTERS V20 N4 PP154-157 22 JANUARY 1968
OAR ACCESS NO.....02190-002
DOC NUMBER.....AD67130J
INSTR...AF-617052/00250
PROJECT/TASK.....9763/03

BY ANDERSON A C
MULSTRICH H
KRUSTUS H

AFOSR 68-1471
UNIVERSITY OF UTAH
PARADAY MUTATION OF THE Z SUB I CENTER IN KCL
PHYSICAL REVIEW LETTERS V20 N2 PP57-59 4 JAN 1968
OAR ACCESS NO.....02190-002
DOC NUMBER.....AD671371
INSTR...AF-617052/00250
PROJECT/TASK.....9763/02

BY PAUS H
LUTY F

AFOSR 68-1472
UNIVERSITY OF CALIFORNIA
THEORY OF IR LATTICE VIBRATION ABSORPTION BY GAP MODES
AND RESONANCE MODES IN KI
JOURNAL OF PHYSICS AND CHEM SOLID V20 N3 MAR 1968
OAR ACCESS NO.....02190-012
DOC NUMBER.....AD67135H
INSTR...AF-617052/00250
PROJECT/TASK.....9763/03

BY RENEDEK G
MAHADUDIN A A

AFOSR 68-1473
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
METAMAGNETISM IN EUROPIUM OXIDE
PHYS REV V167 N2 PP449-457 10 MARCH 1968
OAR ACCESS NO.....007912-000
DOC NUMBER.....AD671419
INSTR...F44020-67-C-0047
PROJECT/TASK.....9764/01

BY HOLMES L
SCHIERER H

AFOSR 68-1474
CORNELL UNIVERSITY
SINGLE-CRYSTAL STUDIES OF ELECTRICAL CONDUCTIVITY SEEBECK
EFFECT AND HALL VOLTAGE IN SODIUM VANADIUM PRUNZE AND A
CRYSTAL-FIELD MODEL OF ELECTRON TRANSPORT
JOURNAL OF CHEMICAL PHYSICS V41 N1 PP174-181 1 JAN 68
OAR ACCESS NO.....003193-001
DOC NUMBER.....AD671364
INSTR...F-617052/00250
PROJECT/TASK.....9761/02

BY PERLSTEIN J H
SIENKO M J

AFOSR 68-1475
BATTHELL MEMORIAL INSTITUTE
PIERCE-BARRIER MINIMA
JOURNAL OF APPLIED PHYSICS V39 N3 PP1407-15 FEB 1968
OAR ACCESS NO.....016360-003
DOC NUMBER.....AD671302
INSTR...AF-617052/00250
PROJECT/TASK.....9761/01

BY HOBART H H

AFOSR 68-1476
CORNELL UNIVERSITY
CRYSTAL CHEMISTRY OF SODIUM SCANDIUM TITANATE AND ITS
ISOMORPHS
INORGANIC CHEMISTRY V7 N1 PP112-118 JAN 1968
OAR ACCESS NO.....003193-002
DOC NUMBER.....AD671365
INSTR...AF-617052/00250
PROJECT/TASK.....9761/02

BY REID A F
WOSLEY A D
SIENKO M J

AFOSR 68-1477
CORNELL UNIVERSITY
MAGNETIC ELECTRON SPIN RESONANCE OPTICAL AND STRUCTURAL
STUDIES OF THE ISOMORPHOUS SERIES SODIUM SCANDIUM-IRON
TITANATE
INORGANIC CHEMISTRY V7 N1 PP114-120 JAN 1968
OAR ACCESS NO.....003193-003
DOC NUMBER.....AD671365
INSTR...AF-617052/00250
PROJECT/TASK.....9761/02

BY REID A F
PERKINS M K
SIENKO M J

AFOSR 68-1478
CORNELL UNIVERSITY
MAGNETIC SUSCEPTIBILITY OF BARIUM MOLYBDATE/IV AND
STRONTIUM MOLYBDATE/IV IN THE RANGE 2-300 OERSTEDS K
INORGANIC CHEMISTRY V7 N3 PP441-443 MAR 1968
OAR ACCESS NO.....003193-004
DOC NUMBER.....AD671498
INSTR...AF-617052/00250
PROJECT/TASK.....9761/02

BY BOUCHARD G H
SIENKO M J

AFOSR 68-1480
CORNELL UNIVERSITY
RESEARCH IN STATISTICS INFORMATION THEORY AND ANALYSIS
FINAL REPORT JULY 1968
OAR ACCESS NO.....001531-001
DOC NUMBER.....AD671389
INSTR...AF-617052/00250
PROJECT/TASK.....9749/02

BY WOLFOWITZ J

AFOSR 68-1481
UNIVERSITY OF COLUMBIA
AN APPROXIMATE MONS-SAND THEOREM
JOURNAL OF MATHEMATICS AND MECHANICS V17 N11 PP1055-1064
MAY 1968
OAR ACCESS NO.....020420-001
DOC NUMBER.....AD671403
INSTR...AF-617052/00250
PROJECT/TASK.....9764/01

BY ELLIS J
MCALPIN J

AFOSR 68-1482
UNIVERSITY OF ILLINOIS
AN MDS-ORIENTED INVESTIGATION OF EFFECTIVE MOBILITY THEORY
SOLID STATE ELECTRONIC V11 N3 PP274-290 MAR 1968
OAR ACCESS NO.....003161-013
DOC NUMBER.....AD671387
INSTR...AF-617052/00250
PROJECT/TASK.....9763/02

BY PIERRET R F
SAM C T

AFOSR 68-1483
ARIZONA STATE UNIVERSITY
SU(3) SYMMETRY EXCHANGE OF GENEALITY AND CURRENT-PAIR
CLASSIFICATION OF CONSTITUTIONAL FAMILIES
PHYSICAL REVIEW LETTERS V20 N20 PP1125-1127 13 MAY 68
OAR ACCESS NO.....027880-001
DOC NUMBER.....AD671402
INSTR...AF-617052/00250
PROJECT/TASK.....9767/04

BY AHMADZAIEM A

AFOSR 68-1485
INSTITUTO GEOGRAFICO Y CATASTRAL
ON THE USE OF IMPLICIT UNKNOWNS IN THE LEAST SQUARE METHOD
OAR ACCESS NO.....015840-001
DOC NUMBER.....AD671315
INSTR...AF-617052/00250
PROJECT/TASK.....9765/00

BY MENENDES J

AFOSR 68-1487
HARVARD UNIVERSITY
SOCIAL AND CULTURAL ASPECTS OF DEVELOPMENT FINAL REPORT
JULY 1968
OAR ACCESS NO.....022440-003
DOC NUMBER.....AD671404
INSTR...AF-617052/00250
PROJECT/TASK.....9770/02

BY INKELES A

AFOSR 68-1488
STANFORD UNIVERSITY
CONFORMATIONAL ENERGIES AND CONFORMATIONAL STATISTICS OF
POLYPEPTIDES CONTAINING L-PROLINE
JOURNAL MOLECULAR BIOLOGY V34 PP105-120 1968
OAR ACCESS NO.....010391-039
DOC NUMBER.....AD671410
INSTR...AF-617052/00250
PROJECT/TASK.....9760/03

BY SCHIMMEL P R
FLORY P J

AFOSR 68-1489
PRINCETON UNIVERSITY
THE SYNTHESIS OF OPTICALLY ACTIVE SULPHOXIDES FROM
SULPHINAMIDES
CHEMICAL COMMUNICATIONS P253 1968
OAR ACCESS NO.....022000-010
DOC NUMBER.....AD671399
INSTR...AF-617052/00250
PROJECT/TASK.....9762/01

BY JACOBUS J
MISLOW K

AFOSR 68-1490
PRINCETON UNIVERSITY
THE PREPARATION OF /PLUS/ -N-METHYL-1-(1-NAPHTHYL-
ETHYLAMINE AND THE DETERMINATION OF ITS OPTICAL PURITY
BY NUCLEAR MAGNETIC RESONANCE
JOURNAL ORGANIC CHEMISTRY V33 N3 PP1142-1145 MAR 1968
OAR ACCESS NO.....022000-011
DOC NUMBER.....AD672410
INSTR...AF-617052/00250
PROJECT/TASK.....9762/01

BY JACOBUS J
BARAN H
MISLOW K

AFOSR 68-1491
UNIVERSITY COLLEGE OF SOUTH WALES
NUCLEAR THREE-BODY PROBLEM FINAL REPORT OCT 1968
OAR ACCESS NO.....011212-003
DOC NUMBER.....AD671726
INSTR...AF-617052/00250
PROJECT/TASK.....9751/02

BY BLATT J H

AFOSR 68-1492
UNIVERSITY OF MARYLAND
ADVANCES IN HOT WIRE ANEMOMETRY PROCEEDINGS OF THE
INTERNATIONAL SYMPOSIUM ON HOT WIRE ANEMOMETRY FINAL REPORT
JULY 1968
OAR ACCESS NO.....027860-001
DOC NUMBER.....AD676019
INSTR...AF-617052/00250
PROJECT/TASK.....9763/01

BY MELNER W L
WESKE J H

AFIRM 94-1003
INSTITUTE FOR ADVANCED STUDY
KINEMATIC SIGNIFICANTS OF VELOCITY AMPLITUDES FOR COMMON
SCATTERING
THE PHYSICAL REVIEW D VOL 65 PP1027-1038 JULY 1998
CERN ALHIER CERN.....00P786-00P
INST.....AF-AFISM-1045-00
PHJCTC1235.....00S101

ARTICLE 24-1504
UNIVERSITY OF CALIFORNIA
IN A GENERALIZED PHOENIX TMDL
JOURNAL FOR THE WEIR AND ANGEWANTO REINFORCEMENT V2P
P1P1-149 1987

BY CUDEN & U

MAN RECEIVED 0000000000000000
DUC 20000000000000000000000000
INFORMAL - REINFORCEMENT
INFORMAL - REINFORCEMENT

AE75H 44-150;
UNIVERSITY OF MAINE
EASCOB CRUISING OF COAST, PROJECT 11905
1964 TRANSDUCTIONS ON COMMUNICATIONS ROOM-16
43 07300-00/ JUN. 1968
BY ANDERSON M
NAM ACCESS NO.....027330-008
DOC NUMBER.....AD071714
IN-TR.....AF-APR01-1969
PROJECT/ISSUING/07330/01

APR 30 1968
MURICA UNIVERSITY
TITLE NAME-CAN COMSIALS
AMERICAN JOURNAL OF PHYSICS VIA RE-RECEIVED FEBRUARY 1968
CAR ACCESS NO.....01G301-01
DNC NUMBER.....AD071718
INST OR AF-AFUSO-0760-S
PROJECT ZAS*****020/01

44-38861-507
GIF PICTURE AND POLAR RESEARCH CENTER
LONG RANGE WINDING OF LAKE SUPERIOR 1966 SHOT PRINTS
1 1/2 REEL JAR 1963
GAC ACCESS NO.....022440-001
GIF NUMBER.....0017248
INST.....AF-SF58-1150-60
WHISKEY/185.....0057100
REF ID: A66504

FROM: 041514
 TO: DIRECTOR, FBI
 SUBJECT: MURDER OF MARTIN LUTHER KING, JR.
 RE: BIRMINGHAM TELETYPE TO BUREAU, APRIL 4, 1968.
 BIRMINGHAM POLICE DEPARTMENT IS CURRENTLY REVIEWING
 ALL FILES OF THE DEPARTMENT FOR INDIVIDUALS WHO
 WERE IN BIRMINGHAM ON APRIL 4, 1968. THE RESULTS
 OF THE SEARCH WILL BE FURNISHED TO THE BUREAU
 AS SOON AS THEY ARE AVAILABLE.

AFPMN 19-7510
LITHION CONSUMPTION
UNIT - AND ONE-TWO MODEL FOR CHEMICAL IMPURITIES
JOURNAL PHYSICA STATUS SOLIDI VOL 68/30-40 1969
PAGE NUMBER 45
DCC NUMBER.....A0072397
INSTRUMENT-BEOL 1776-9
PUBLIS/IAS/K...13787/CO

1. JAMES L. STRONACH, INC.
 2. ENGINEERING LABORATORY
 3. 1401 FILLMORE AVENUE
 4. LAGUNA BEACH, CALIF. 92653
 5. TEL: 714/761-1111

NEW YORK UNIVERSITY
 1. INCLUDES THE ACCORD WAVE OPERATOR AND THE
 2. PARTITION OF GEOMETRICAL SPACES
 3. COMMUNICATIONS IN PURE AND APPLIED MATHEMATICS 471
 4. 1974-75 1975

URM ACCESS AD.....00833A-00
 07. NUMBER.....AD6723A
 INST.....AD-UR-037-0
 BRANCH.....AD-UR-037-0

UNCLASSIFIED
PAGE TWO

DUNFORD TANK.....0769Z/01

KR 54 084-108

COLUMBIA UNIVERSITY
NORTH CAROLINIAN INTERCOMMERCE FOR STUDYING
EASTERN UNIVERSTIES OF WORKS
A COMMERCIAL MESSAGE V21 N2 0001-22P 15 JANUARY 1968

DATA ACCESS NUMBER.....01915-01
SERIAL NUMBER.....00000769Z/01
FIRST.....0001-22P 15 JAN
CROSS REFERENCE.....0769Z/01

AFOSR 68-1313
STANFORD UNIVERSITY
ON ELASTIC POTENTIALS AT THE SOLID-LIQUID INTERFACE
SURFACE SCIENCE AND MATERIALS 1968
BY JINCHAL H F
TILLEN W A
OAR ACCESS NO.....012153-00H
DOC NUMBER.....A0671963
INSTR...AF-AFOSR-0007-07
PROJECT/TASK.....9769/04

AFOSR 68-1314
HARVARD UNIVERSITY
THE EFFECTS OF PHYSICAL AND SYMBOLIC STRUCTURES ON
PERCEPTIVE MECHANISMS FINE REPORT JUNE 1968
BY McFARLAND R A
REICHMAN W H
TILSON D E
OAR ACCESS NO.....012148-00H
DOC NUMBER.....A0672275
INSTR...AF-AFOSR-1014-07
PROJECT/TASK.....9774/01

AFOSR 68-1317
OHIO STATE UNIVERSITY
CRYSTAL-FINE ADJUSTING OF HYDROPHOBIC IN SILICA
PARANITROBENZENE
PHYSICAL REVIEW LETTERS V 20 NO 15 P1572-1574 19 DECEMBER 1968
BY HARVEY W N
GAINES J W
OAR ACCESS NO.....012148-00H
DOC NUMBER.....A0672275
INSTR...AF-AFOSR-1014-07
PROJECT/TASK.....9774/01

AFOSR 68-1318
STANFORD UNIVERSITY
SYSTEMATIC ANALYSIS OF THE THERMAL WAVE TECHNIQUE FOR
LINEAR FINITES
J CHEMICAL PHYSICS VOL 48 NO 12 P1980-1981 15 MAY 1968
BY STEPHEN H F
TILLEN W A
OAR ACCESS NO.....012148-00H
DOC NUMBER.....A0672275
INSTR...AF-AFOSR-0731-05
PROJECT/TASK.....9761/02

AFOSR 68-1319
HARVARD UNIVERSITY
THE SUBJECTIVE RESPONSE TO THE THERMAL ENVIRONMENT
HUMAN FACTORS V 9 NO 10 P1070-1071 1967
BY TEICHMAN W H
OAR ACCESS NO.....020200-002
DOC NUMBER.....A0672306
INSTR...AF-AFOSR-0731-05
PROJECT/TASK.....9776/01

AFOSR 68-1320
LOCKHEED-WALLON UNIVERSITY
A REMARKED COMMUNICATION FOR A SYSTEM OF LOGIC COMPUTATION
IEEE TRANSACTIONS ON ELECTRONIC COMPUTING TECH-16 NO 2
PP165-171 APRIL 1967
BY QUATSE J T
KEIR R A
OAR ACCESS NO.....022900-040
DOC NUMBER.....A0672129
INSTR...90-146
PROJECT/TASK.....9718/00

AFOSR 68-1321
UNIVERSITY OF ILLINOIS
INFORMATION PROCESSING IN EVERYDAY HUMAN ACTIVITY
BIO-CYBERNETICS V 10 NO 1 P190-192 MARCH 1968
BY KISHY W F
OAR ACCESS NO.....012153-010
DOC NUMBER.....A0672305
INSTR...AF-AFOSR-0007-07
PROJECT/TASK.....9767/04

AFOSR 68-1322
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETIC FIELD EFFECTS IN MAGNETIC FIELDS
J APPL PHYS V 39 NO 1 P1-10 1-10 1 FEB 1968
BY FUCHS S
OAR ACCESS NO.....007512-003
DOC NUMBER.....A0672425
INSTR...F44620-07-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-1323
UNIVERSITY OF ALABAMA
FACTORS AND PLASMAS IN INSULATION
JAPANESE SOCIETY OF JAPAN V 20 NO 1 P768-770 APRIL 1968
BY KIKARADA I
OAR ACCESS NO.....002744-004
DOC NUMBER.....A0671728
INSTR...AF-AFOSR-0611-07
PROJECT/TASK.....9761/01

AFOSR 68-1324
ASSK MOULY ET LA RECH
ON MATHEMATICAL RESEARCH FOR ARTIFICIAL INTELLIGENCE
COMPTON JOURNAL OF INTELLIGENCE AND INTELLIGENT SYSTEMS U OF CA
ATME 10 16 JAN 1967
BY SCHULZENBERGER W P
OAR ACCESS NO.....021850-003
DOC NUMBER.....A0671959
INSTR...AF-61/052/00945
PROJECT/TASK.....9764/05

AFOSR 68-1325
UNIVERSITY OF ILLINOIS
ON THE COMPARATIVENESS IN LARGE LINEAR SYSTEMS
BY GEORGE W W
OAR ACCESS NO.....012153-00H
DOC NUMBER.....A0671963
INSTR...AF-AFOSR-0007-07
PROJECT/TASK.....9769/04

AFOSR 68-1326
UNIVERSITY OF ILLINOIS
ON THE COMPARATIVENESS IN LARGE LINEAR SYSTEMS
JOURNAL OF MATHEMATICAL PHYSICS V 9 NO 1 P234-236 NOV 1967
BY FRIEDEL M
OAR ACCESS NO.....013260-036
DOC NUMBER.....A0672279
INSTR...AF-61/052/00675
PROJECT/TASK.....9752/01

AFOSR 68-1327
WASHINGTON UNIVERSITY
DIRECT DETECTION OF P19 NUCLEAR ACOUSTIC RESONANCE IN
ANTIFERRO-MAGNETIC ROMF3
PHYSICAL REVIEW LETTERS V 20 NO 15 P1572-1574 19 DECEMBER 1968
BY WELCHER H L
HOLEY O I
STEVENSUN W W H
OAR ACCESS NO.....013260-036
DOC NUMBER.....A0672279
INSTR...AF-AFOSR-1412-04
PROJECT/TASK.....9767/01

AFOSR 68-1328
UNIVERSITY OF SUSSEX
BONDING STUDIES OF ORGANOMETALLIC COMPOUNDS OF BORON AND
E GROUP IV ELEMENTS. PART 1: HEATS OF HYDROLYSIS AND HOMO
ENERGIES FOR SOME TRIMETHYLSILYL DERIVATIVES
JOURNAL THE CHEMICAL SOCIETY A PP1980-1984 1967
BY MALOWIN J C
LAPPERT M F
DEULEY J R
TREVERTON J A
OAR ACCESS NO.....021580-001
DOC NUMBER.....A0671967
INSTR...F61082-57-C-0005
PROJECT/TASK.....9710/01

AFOSR 68-1329
STANFORD UNIVERSITY
THE EVOLUTION OF CRYSTAL SHAPE A COMPUTER MODEL
MATHEMATICAL SCIENCE AND ENGINEERING V 2 PP91-106 1967
BY GLOFIELD W
GERRING G T
TILLEN W A
OAR ACCESS NO.....014900-010
DOC NUMBER.....A0671666
INSTR...AF-AFOSR-0731-05
PROJECT/TASK.....9761/02

AFOSR 68-1330
UNIVERSITY OF WISCONSIN
TRANSGRANULAR STRESS-CORROSION CRACKING MECHANISMS IN
HIGH-PURITY AUSTENITIC STAINLESS STEELS
ENVIRONMENT-SENSITIVE MECHANICAL PROPERTIES GORDON AND
BREACH PP455-480 1968
BY SARENA N M
DODD RICHARD A
OAR ACCESS NO.....008557-001
DOC NUMBER.....A0671483
INSTR...AF-AFOSR-0221-66
PROJECT/TASK.....9761/01

AFOSR 68-1331
UNIVERSITY OF NEWCASTLE
IMMUNED SPECTRA AND STRUCTURE OF PHOSPHINE AND SUBSTITUTED
PHOSPHINE COMPLEXES OF GALLIUM TRIMALTOES
JOURNAL THE CHEMICAL SOCIETY SECT A PP753-756 1968
BY BALLS A
GREENWOOD M N
SPRAGHAN R P
OAR ACCESS NO.....010162-008
DOC NUMBER.....A0672135
INSTR...AF-61/052/00910
PROJECT/TASK.....9710/02

AFOSR 68-1332
UNIVERSITY OF CALIFORNIA
THE RATIO OF THE UPPER TWO CRITICAL FIELDS IN PURE Nb
SOLID STATE COMMUNICATIONS V 6 NO 1 P33-36 1968
BY WERRB G W
OAR ACCESS NO.....018931-011
DOC NUMBER.....A0671707
INSTR...AF-AFOSR-0631-07
PROJECT/TASK.....9763/03

AFOSR 68-1333
UNIVERSITY OF CALIFORNIA
A SIMPLER PROOF OF SMITHS MOULY ET LA RECH
THE ANNALS OF MATHEMATICAL STATISTICS V 39 NO 2 PP390-393 1968
BY DUHINS L E
OAR ACCESS NO.....027570-003
DOC NUMBER.....A0672371
INSTR...AF-AFOSR-1112-67
PROJECT/TASK.....9749/02

AFOSR 68-1334
POLYTECHNIC INSTITUTE OF BROOKLYN
GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART II
RELATIVISTIC VELOCITIES
IEEE TRANSACTIONS MICROWAVE THEORY AND TECHNIQUES VMT-16
NO 1 P16-20 JAN 1968
BY BERGER M
GRIENSWANN J W E
OAR ACCESS NO.....001885-047
DOC NUMBER.....A0671410
INSTR...AF-49/638/01402
PROJECT/TASK.....8751/00

AFOSR 68-1515
POLYTECHNIC INSTITUTE OF BROOKLYN
GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART I
NONRELATIVISTIC VELOCITIES
IEEE TRANSACTIONS MICROWAVE THEORY AND TECHNIQUES VMTT-16
N1 PP11-16 JAN 1968
HY HERGER H
GRIFFSMANN J W E
DAN ACCESS NO.....001645-044
DOC NUMBER.....A0672148
INSTR...AF-49/638/0140P
PROJECT/TASK.....4751/00

AFOSR 68-1536
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
INSULATOR BOUNDARY LAYERS IN A SUPER-SONIC MAGNETOHYDYNAMIC CHANNEL
AIAA ELECTRIC PROPULSION PLASMA DYNAMICS CONFERENCE COLLEGE SPRINGS COLOR 11-13 SEPT 1967
HY PHILLY J P
DATES G C
DAN ACCESS NO.....010983-001
DOC NUMBER.....A0672148
INSTR...AF-49/638/01758
PROJECT/TASK.....4752/01

AFOSR 68-1537
GRUMMAN AIRCRAFT ENGINEERING CORP
CONJUGATE POINTS ON EXTERNAL WCKET PATHS
HY MYER H G
KELLEY M J
DAN ACCESS NO.....013763-011
DOC NUMBER.....A0672248
INSTR...AF-49/638/01512
PROJECT/TASK.....4749/01

AFOSR 68-1538
CORNELL UNIVERSITY
MAXIMUM PROBABILITY ESTIMATORS
ANNALS OF THE INSTITUTE OF STATISTICAL MATHEMATICS V19 N2
PP193-204 1967
HY WEISS L
WOLFOWITZ J
DAN ACCESS NO.....001531-002
DOC NUMBER.....A0671495
INSTR...AF-49/638-0346-63
PROJECT/TASK.....4749/02

AFOSR 68-1519
CORNELL UNIVERSITY
NOTE ON THE GAUSSIAN CHANNEL WITH FEEDBACK AND A POWER CONSTRAINT
INFORMATION AND CONTROL V12 N1 PP71-76 JAN 1968
HY WOLFOWITZ J
DAN ACCESS NO.....001531-003
DOC NUMBER.....A0671496
INSTR...AF-49/638-0346-63
PROJECT/TASK.....4749/02

AFOSR 68-1540
ROYAL UNIVERSITY OF UPSALA
OPTICAL EXTINCTION IN THE COLLOID SYSTEM NACL NA
SOLID STATE COMMUNICATIONS V5 N12 PP799-798 1967
HY KARLSSON A V
HECKMAN D
DAN ACCESS NO.....012771-008
DOC NUMBER.....A0672134
INSTR...AF-61/052/00937
PROJECT/TASK.....4763/02

AFOSR 68-1541
JOHNS HOPKINS UNIVERSITY
A NONLINEAR MODEL FOR ESTIMATING PROBABILITIES OF R EVENTS
MONTHLY WEATHER REVIEW JAN V68 N6 PP141-148 JUN 1968
HY JONES H H
DAN ACCESS NO.....014473-010
DOC NUMBER.....A0672137
INSTR...AF-49/638/01102
PROJECT/TASK.....4744/02

AFOSR 68-1542
UNIVERSITY OF DURHAM
MAGNETIC PROPERTIES OF THE INTERMETALLIC COMPOUNDS
DYSMMENTUM SULF YTHIUM SOD ONE MINUS X IRON SUL TWO PLUS
JOURNAL OF APPLIED PHYSICS V39 N2 PART 2 PP1096-1097
1 FEB 1968
HY PIERCY A W
TAYLOR K N W
DAN ACCESS NO.....013581-001
DOC NUMBER.....A0671695
INSTR...AF-FOAR -0106-67
PROJECT/TASK.....4763/02

AFOSR 68-1543
UNIVERSITY OF DURHAM
ESR IN CARBON-13 GROUP V COMPOUNDS
JOURNAL OF APPLIED PHYSICS V39 N2 PART 2 PP1098-1099
1 FEB 1968
HY ALLENSON M H
TAYLOR K N W
DAN ACCESS NO.....013581-002
DOC NUMBER.....A0671697
INSTR...AF-FOAR -0006-67
PROJECT/TASK.....4763/02

AFOSR 68-1544
STANFORD UNIVERSITY
COMMENTARY ON THE HIGHLY AND HEAVILY DOPED KINETICS OF THE
SOLID-STATE TRANSITION IN TiN
ACTA METALLURGICA V14 N10 PP181 1968
HY FILLER M A
DAN ACCESS NO.....014700-011
DOC NUMBER.....A0671711
INSTR...AF-49/638-0711-65
PROJECT/TASK.....4763/02

AFOSR 68-1545
UNIVERSITY OF CALIFORNIA
THEORETICAL STUDY OF SOME DYNAMICAL PROPERTIES OF PERFECT
AND IMPERFECT CRYSTALS FINAL REPORT APRIL 1968
HY MARADUDIN A A
DAN ACCESS NO.....021070-013
DOC NUMBER.....A0671984
INSTR...AF-49/638-1080-66
PROJECT/TASK.....4763/03

AFOSR 68-1546
WASHINGTON UNIVERSITY
RESEARCH IN NUCLEAR ACOUSTIC RESONANCE A SUMMARY
PHD COLLUQUE AMBRE 14TH RESONANCE AND RELAXATION
LUNELJANA 6-11 SEP 1966 PP338-348 1967
HY MARADUDIN A A
DAN ACCESS NO.....015780-003
DOC NUMBER.....A0671718
INSTR...AF-49/638-0841-68
PROJECT/TASK.....4763/02

AFOSR 68-1547
FLORIDA STATE UNIVERSITY
AN EXPLORATORY REVIEW AND CRITIQUE OF THE LITERATURE
RELATING TO TRENDS AND CHANGES IN HIGHER EDUCATION FINAL
REPORT JUNE 1968
HY PAYALRO R M
DAN ACCESS NO.....024900-001
DOC NUMBER.....A0675286
INSTR...AF-49/638-0841-68
PROJECT/TASK.....4763/01

AFOSR 68-1548
UNIVERSITY OF UTAH
WAVE PROPAGATION IN SOLID STATE PLASMAS FINAL REPORT JULY
1968
HY WILLIAMS G A
DAN ACCESS NO.....017960-004
DOC NUMBER.....A0678077
INSTR...AF-49/638-0701-68
PROJECT/TASK.....4763/03

AFOSR 68-1549
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RADIATION DOMINANT INTERACTION IN GAS DYNAMICS
HY CHIEN K Y
DAN ACCESS NO.....001193-010
DOC NUMBER.....A0676023
INSTR...AF-49/638/01621
PROJECT/TASK.....4763/02

AFOSR 68-1550
INSTITUTE OF BROOKLYN POLYTECHNIC
THE DYNAMICS OF A BEAM OF CHANGING CROSS SECTION
FINAL REPORT NO 68-19
HY KLOSNER J M
GHANDOUR E
DAN ACCESS NO.....001333-016
DOC NUMBER.....A0678139
INSTR...AF-49/638/01360
PROJECT/TASK.....4762/01

AFOSR 68-1551
UNIVERSITY OF DELAWARE
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OLIGOIMES
HY BRACHMILL H C
HACKMAN E E
KIM Y C
DAN ACCESS NO.....017811-003
DOC NUMBER.....A0841257
INSTR...AF-49/638-0022-67
PROJECT/TASK.....4763/01

AFOSR 68-1552
CALIFORNIA UNIVERSITY OF
A SIMPLIFIED MODEL FOR THERMAL SHOCK AND SPALLATION IN
PARTIALLY TRANSPARENT ELASTIC MATERIALS UNDER ENERGY
RADIATION
HY NACHBAR W
DAN ACCESS NO.....022780-011
DOC NUMBER.....A0675645
INSTR...AF-49/638-1226-67
PROJECT/TASK.....4762/01

AFOSR 68-1553
VETRO CORP OF AMERICA
PHOTOCHEMICAL IGNITION OF GASEOUS FUEL-OXIDIZER MIXTURES
AT SUBATMOSPHERIC PRESSURES
SCIENTIFIC REPORT NO 1 VL-2482-1-0
HY LEVY M E
CERNANOVICZ A E
MCLEVEY A R III
DAN ACCESS NO.....027310-001
DOC NUMBER.....A0443098
INSTR...AF-49/638-07-C-0008
PROJECT/TASK.....4763/01

AFOSR 68-1554
RESEARCH TRIANGLE INSTITUTE
INVESTIGATION OF DECISION THEORY WITH CORRELATED RANDOM
VARIABLES
HY FORTNER H E
DAN ACCESS NO.....017591-001
DOC NUMBER.....A0673376
INSTR...AF-49/638-07-C-0104
PROJECT/TASK.....4763/02

AFOSR 68-1555
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE USE OF THE COORDINATION NUMBER IN THE INTERPRETATION
OF FLUID STRUCTURE
PHYSICS AND CHEMISTRY OF LIQUIDS VI N1 PP93-106 FEB 1968
BY NIKILAJ P G
PINGO C J
OAR ACCESS NO.....018610-030
DOC NUMBER.....AD672607
INSTR...AF-49/638/01273
PROJECT/TASK.....4710/03

AFOSR 68-1556
CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
WAKE MEASUREMENTS BEHIND A CONE SUSPENDED MAGNETICALLY IN
A WACH NUMBER 6.1 STREAM
TH183
OAR ACCESS NO.....018580-002
DOC NUMBER.....AD671965
INSTR...AF-49/638/01328
PROJECT/TASK.....9781/01

AFOSR 68-1557
UNIVERSITY OF CALIFORNIA
THE SUPERCONDUCTING TRANSITION TEMPERATURE OF LANTHANUM
SUBSCRIPT ONE MINUS X GADOLINIUM SUR X ALUMINUM SUB TWO
PHYSICS LETTERS V28A N10 PP13-314 4 APRIL 1968
OAR ACCESS NO.....018631-012
DOC NUMBER.....AD671906
INSTR...AF-49/638/01328
PROJECT/TASK.....9763/03

AFOSR 68-1558
STANFORD UNIVERSITY
AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS
USING THE TURBULENT KINETIC ENERGY EQUATION
REPORT NO-21
OAR ACCESS NO.....007503-003
DOC NUMBER.....AD671906
INSTR...AF-49/638/01298
PROJECT/TASK.....9781/02

AFOSR 68-1559
CALIFORNIA INSTITUTE OF TECHNOLOGY
CONSTANT-PRESSURE LAMINAR MIXING OF A SHEAR LAYER WITH
A QUIESCENT FLUID
OAR ACCESS NO.....007503-003
DOC NUMBER.....AD671906
INSTR...AF-49/638/01298
PROJECT/TASK.....9781/02

AFOSR 68-1560
UNIVERSITY OF MARYLAND
SOME COMMENTS ON EXISTENCE AND UNIQUENESS THEOREMS IN
APPLIED MATHEMATICS WITH AN APPLICATION TO THIN
SLAM REVIEW V10 N2 PP106-207 APRIL 1968
OAR ACCESS NO.....022940-002
DOC NUMBER.....AD672401
INSTR...AF-49/638/01298
PROJECT/TASK.....9749/01

AFOSR 68-1561
UNIVERSITY OF MARYLAND
SOME COMMENTS ON EXISTENCE AND UNIQUENESS THEOREMS IN
APPLIED MATHEMATICS WITH AN APPLICATION TO THIN
SLAM REVIEW V10 N2 PP106-207 APRIL 1968
OAR ACCESS NO.....022940-002
DOC NUMBER.....AD672401
INSTR...AF-49/638/01298
PROJECT/TASK.....9749/01

AFOSR 68-1562
CALIFORNIA INSTITUTE OF TECHNOLOGY
EXPERIMENTAL STUDY OF THE SHAPE OF THE COEXISTENCE CURVE OF
ARGON NEAR THE CRITICAL STATE
PHYSICS LETTERS V28A N10 PP496-497 4 APR 1968
OAR ACCESS NO.....014610-029
DOC NUMBER.....AD672639
INSTR...AF-49/638/01273
PROJECT/TASK.....9710/03

AFOSR 68-1563
PENNSYLVANIA STATE UNIVERSITY
PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE
EXPERIMENTAL
THE JOURNAL CHEMICAL PHYSICS V48 N7 PP1012-1037 1 FEB 1968
OAR ACCESS NO.....007971-002
DOC NUMBER.....AD672638
INSTR...AF-49/638/01118-63
PROJECT/TASK.....9700/03

AFOSR 68-1564
PENNSYLVANIA STATE UNIVERSITY
PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE
THEORY
THE JOURNAL CHEMICAL PHYSICS V48 N3 PP1038-1046 1 FEB 1968
OAR ACCESS NO.....007971-003
DOC NUMBER.....AD672637
INSTR...AF-49/638/01118-63
PROJECT/TASK.....9700/03

AFOSR 68-1565
CALIFORNIA INSTITUTE OF TECHNOLOGY
THEORY OF LAMINAR VISCOUS-INVISCID INTERACTIONS IN
SUPERSONIC FLOW
OAR ACCESS NO.....007503-004
DOC NUMBER.....AD671906
INSTR...AF-49/638/01298
PROJECT/TASK.....9781/02

AFOSR 68-1566
UNIVERSITY OF NEVADA
ON THE WKB EVALUATION OF VIBRATIONAL TRANSITION
PROBABILITIES
J. AMERICAN CHEMICAL SOCIETY V90 N12 PP3025-3029 5 JUNE
1968
OAR ACCESS NO.....023930-002
DOC NUMBER.....AD671906
INSTR...AF-49/638/01298
PROJECT/TASK.....9760/02

AFOSR 68-1567
CALIFORNIA INSTITUTE OF TECHNOLOGY
CONSTANT-PRESSURE LAMINAR MIXING OF A SHEAR LAYER WITH
A QUIESCENT FLUID
OAR ACCESS NO.....007503-003
DOC NUMBER.....AD671906
INSTR...AF-49/638/01298
PROJECT/TASK.....9781/02

AFOSR 68-1568
STANFORD UNIVERSITY
AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS
USING THE TURBULENT KINETIC ENERGY EQUATION
REPORT NO-21
OAR ACCESS NO.....007503-003
DOC NUMBER.....AD671906
INSTR...AF-49/638/01298
PROJECT/TASK.....9781/02

AFOSR 68-1569
CALIFORNIA INSTITUTE OF TECHNOLOGY
CONSTANT-PRESSURE LAMINAR MIXING OF A SHEAR LAYER WITH
A QUIESCENT FLUID
OAR ACCESS NO.....007503-003
DOC NUMBER.....AD671906
INSTR...AF-49/638/01298
PROJECT/TASK.....9781/02

AFOSR 68-1570
UNIVERSITY OF NEVADA
ON THE WKB EVALUATION OF VIBRATIONAL TRANSITION
PROBABILITIES
J. AMERICAN CHEMICAL SOCIETY V90 N12 PP3025-3029 5 JUNE
1968
OAR ACCESS NO.....023930-002
DOC NUMBER.....AD671906
INSTR...AF-49/638/01298
PROJECT/TASK.....9760/02

AFOSR 68-1571
MIT RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY
LITAI-C0135-1
OAR ACCESS NO.....015931-001
DOC NUMBER.....AD671974
INSTR...F44P20-08-C-0039
PROJECT/TASK.....9713/02

AFOSR 68-1572
WARTIN CO
INVESTIGATION OF JET TRANSITION PHENOMENA FINAL REPORT JUNE
1968
OAR ACCESS NO.....021780-002
DOC NUMBER.....AD671977
INSTR...AF-49/638/01275
PROJECT/TASK.....9781/01

AFOSR 68-1573
UNIVERSITY OF NEVADA
TEMPERATURE DEPENDENCE OF VIBRATIONAL TRANSITION
PROBABILITIES IN WATER-WATER COLLISIONS
CHEMICAL PHYSICS LETTERS VI N13 PP635-638 APR 1968
OAR ACCESS NO.....023930-003
DOC NUMBER.....AD672237
INSTR...AF-49/638/01354-68
PROJECT/TASK.....9740/02

AFOSR 68-1574
UNIVERSITY OF MARYLAND
SOME COMMENTS ON EXISTENCE AND UNIQUENESS THEOREMS IN
APPLIED MATHEMATICS WITH AN APPLICATION TO THIN
SLAM REVIEW V10 N2 PP106-207 APRIL 1968
OAR ACCESS NO.....022940-002
DOC NUMBER.....AD672401
INSTR...AF-49/638/01298
PROJECT/TASK.....9749/01

AFOSR 68-1575
UNIVERSITY OF MINNESOTA
ON THE DETERMINATION OF ROTATIONAL CONSTANTS
JOURNAL MOLECULAR SPECTROSCOPY VOL 11 (1961) 1-7 MAY 1968
BY ERIKSON C B
OVIKIND J
DAR ACCESS NO.....010072-001
DOC NUMBER.....A7-72403
INST.....AF-APDSH-0268-65
PROJECT/TASK.....9762/01

AFOSR 68-1576
UNIVERSITY OF NEW MEXICO
SPECTROSCOPIC STUDIES OF RUTHENIUM /IR/ COMPLEXES
ASSIGNMENT OF THE LUMINESCENCE
THE JOURNAL CHEMICAL PHYSICS VOL 48 1968-1969 IN FEB 1968
BY KLASSEN J M
CHERRY S A
DAR ACCESS NO.....011781-305
DOC NUMBER.....A0672422
INST.....AF-APDSH-0268-65
PROJECT/TASK.....9710/02

AFOSR 68-1577
UNIVERSITY OF TORONTO
ENERGY DISTRIBUTION IN ELECTRONICALLY EXCITED CH AND CARBON
IN LOW PRESSURE HYDROCARBON FLAMES
CANADIAN JOURNAL OF CHEMISTRY VOL 46 1968-1969
BY NDAAL III L
DECKERS J M
DAR ACCESS NO.....011911-004
DOC NUMBER.....A0672131
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/02

AFOSR 68-1578
UNIVERSITY OF ROCHESTER
STABILITY OF A MAGNETOHYDRODYNAMIC HALF-JET III. INVISCID
STABILITY OF A COMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET
PHYSICS OF FLUIDS VOL 9 1967-1968 SEP 1967
BY LUSSEN M
DESHANDE N V
DAR ACCESS NO.....016110-001
DOC NUMBER.....A0672431
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/01

AFOSR 68-1579
UNIVERSITY OF ROCHESTER
STABILITY OF A MAGNETOHYDRODYNAMIC HALF-JET III
INVISCID STABILITY OF A COMPRESSIBLE MAGNETOHYDRODYNAMIC HAL
PHYSICS OF FLUIDS VOL 9 1967-1968 APR 67
BY LUSSEN M
DESHANDE N V
DAR ACCESS NO.....016110-003
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/02

AFOSR 68-1580
UNIVERSITY OF CALIFORNIA
PARTIAL DIFFERENTIAL EQUATIONS OPERATOR THEORY AND
APPLICATIONS
BY BRITTON M H
DAR ACCESS NO.....016650-015
DOC NUMBER.....A0671776
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/02

AFOSR 68-1581
RADIO CORP OF AMERICA
ON REPRESENTATIONS AND MODELING IN PROBLEM SOLVING AND ON
FURTHER DIFFERENTIALS FOR INTELLIGENT SYSTEMS
BY AMARIL S
DAR ACCESS NO.....016650-002
DOC NUMBER.....A0671742
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/05

AFOSR 68-1582
UNIVERSITY OF ROCHESTER
STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART II. INVISCID
STABILITY OF INCOMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET
PHYSICS OF FLUIDS VOL 9 1967-1968 OCT 1966
BY LUSSEN M
DESHANDE N V
DAR ACCESS NO.....016110-002
DOC NUMBER.....A0672138
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/01

AFOSR 68-1583
NATIONAL BUREAU OF STANDARDS
CONSTANT PRESSURE HEAT CALORIMETRY WITH FLOWING FLUID
HEAT OF FORMATION OF HYDRO FLUORIDE
JOURNAL OF RESEARCH NATIONAL BUREAU STANDARDS A PHYSICS &
CHEMISTRY VOL 72 1967-1968 744-749 1968
BY KING R C
ARMSTRONG G T
DAR ACCESS NO.....016650-027
DOC NUMBER.....A0672608
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/02

AFOSR 68-1584
GENERAL DYNAMICS CORP
TRANSFORMATION AND ADAPTATION PROCESSES FOR REPRESENTATIONAL
CRISIS-SECTION MEASUREMENTS AT THERMAL ENERGIES
JOURNAL CHEMICAL PHYSICS VOL 48 1968-1969 1 JAN 1968
BY HILFENBERG R L
DAR ACCESS NO.....016650-024
DOC NUMBER.....A0672159
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/01

AFOSR 68-1585
NORTHWESTERN UNIVERSITY
A DECISION PROCEDURE BASED ON THE REPRESENTATION METHOD
IN CONGRESS AS UNIVERSITY OF PITTSBURGH PITTSBURGH PENNSYLVANIA
5-10 AUGUST 1968
BY KALLICK H
DAR ACCESS NO.....016650-021
DOC NUMBER.....A0672194
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/02

AFOSR 68-1586
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RADIATION COUPLED VISCOUS FLOWS
INTERNATIONAL JOURNAL HEAT MASS TRANSFER VOL 11 1968-1969 APR 1968
BY SHANETZ J
DAR ACCESS NO.....016650-008
DOC NUMBER.....A0672380
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/02

AFOSR 68-1587
UNIVERSITY OF ROCHESTER
STABILITY OF RELATIVISTIC MAGNETOHYDRODYNAMIC SHOCK WAVES
BY LUSSEN M
DESHANDE N V
DAR ACCESS NO.....016110-004
DOC NUMBER.....A0672131
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/01

AFOSR 68-1588
UNIVERSITY OF TEXAS AT AUSTIN
GROUND STATES OF SIGMA-BONDED MOLECULES III. VALANCE-CHILL
AND DI-ELECTRIC SPIN CALCULATIONS FOR CONJUGATED
THEORETICAL CHEM ACTA VO 101-102 1967
BY HATHO N C
DEBAN M J S
DAR ACCESS NO.....016650-005
DOC NUMBER.....A0672380
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/01

AFOSR 68-1589
UNIVERSITY OF TEXAS AT AUSTIN
PARTIAL RATE FACTORS IN THE NITRATION OF 10-METHYL-10,
V-MONAZAUMPHENANTHRENE
JOURNAL AMERICAN CHEMICAL SOCIETY VOL 90 1968
BY DEBAN M J S
LOGAN R H JR
DAR ACCESS NO.....016650-008
DOC NUMBER.....A0672380
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/01

AFOSR 68-1590
UNIVERSITY OF TEXAS AT AUSTIN
THE SOLVOLYSIS OF ARYLALYL P-TOLUENESULFONATES
JOURNAL AMERICAN CHEMICAL SOCIETY VOL 90 1968
BY GENTILE M D
DEBAN M J S
DAR ACCESS NO.....016650-007
DOC NUMBER.....A0672380
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/01

AFOSR 68-1591
UNIVERSITY OF TEXAS AT AUSTIN
SUBSTITUENT EFFECTS ON FLUORINE-19 CHEMICAL SHIFTS IN
SATURATED SYSTEMS
JOURNAL AMERICAN CHEMICAL SOCIETY VOL 90 1968 17 JAN 1968
BY DEBAN M J S
SQUIRES T G
DAR ACCESS NO.....016650-004
DOC NUMBER.....A0672161
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/01

AFOSR 68-1592
UNIVERSITY OF ROCHESTER
REARRANGEMENT OF ALLYL PHOSPHINATES AND OPTICAL STABILITY
OF ALLYL PHOSPHINE GROUPS
TETRAHEDRON LETTERS VOL 9 1968-1969 3013-3016 MAY 1968
BY HENRIOTT A W
MISLER K
DAR ACCESS NO.....016650-012
DOC NUMBER.....A0672161
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/01

AFOSR 68-1593
UNIVERSITY OF TEXAS AT AUSTIN
NEW DI-MOLECULAR COMPLEXES SHOWING NO CHARGE TRANSFER
SPECTRA FORMED BY P-TOLUENESULFONIC ACIDS
TETRAHEDRON LETTERS VOL 9 1968-1969 4047-4047 DEC 1967
BY GENTILE M D
DEBAN M J S
DAR ACCESS NO.....016650-009
DOC NUMBER.....A0672161
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/01

AFOSR 68-1594
CINCINNATI UNIVERSITY
NATURAL LANGUAGE LEARNING BY COMPUTER
BY GILKSON L
DAR ACCESS NO.....016650-021
DOC NUMBER.....A0672161
INST.....AF-APDSH-0375-65
PROJECT/TASK.....9762/02

AFOSR 68-1595
CARNEGIE-MELLON UNIVERSITY
ON CANONICAL FORMS AND SIMPLIFICATION
BY CAVINESS B F
OAR ACCESS NO.....02900-042
DDC NUMBER.....AD671938
INSTR.....50 -146
PROJECT/TASK.....9710/00

AFOSR 68-1596
UNIVERSITY OF TEXAS AT AUSTIN
GROUND STATES OF CONJUGATED MOLECULES. (X. HYDROCARBON
RADICALS AND RADICAL IONS
JOURNAL AMERICAN CHEMICAL SOCIETY V90 NO PP1953-1957 10 APR
BY OSWALD M J S
MASHALL J A
VENIER C G
OAR ACCESS NO.....019691-010
DDC NUMBER.....AD672168
INSTR.....AF-AFOSR-0766-67
PROJECT/TASK.....9762/01

AFOSR 68-1597
PENNSYLVANIA STATE UNIVERSITY
FILER-LAGRANGE RELATIONSHIP FOR RANDOM DISPERSIVE WAVES
SCIENTIFIC REPORT NO 318
BY HOUT D M
OAR ACCESS NO.....019660-004
DDC NUMBER.....AD673511
INSTR.....AF-AFOSR-0170R
PROJECT/TASK.....9767/02

AFOSR 68-1598
UNIVERSITY OF TEXAS AT AUSTIN
THE PHOTOLYSIS OF CYCLOPENTADIENE
JOURNAL PHYSICAL CHEMISTRY V72 NO PP1621-1625 MAY 1968
BY MCGEE T M
OAR ACCESS NO.....015291-001
DDC NUMBER.....AD672168
INSTR.....AF-AFOSR-0778-67
PROJECT/TASK.....9760/02

AFOSR 68-1599
UNIVERSITY OF PENNSYLVANIA
DESCRIPTION OF AN EXPERIMENT INVESTIGATING THERM
RELATIONSHIP OF INTERFERED BY HUMANS
BY MUMIN
FRANK
STON G
OAR ACCESS NO.....011942-008
DDC NUMBER.....AD671906
INSTR.....AF-AFOSR-01421
PROJECT/TASK.....9769/01

AFOSR 68-1600
UNIVERSITY OF PENNSYLVANIA
AN EXPERIMENTAL ON-LINE INFORMATION RETRIEVAL SYSTEM
BY CAUTIN M
LOWE T C
F RAPP
MUMINOFF M
OAR ACCESS NO.....011942-004
DDC NUMBER.....AD671906
INSTR.....AF-AFOSR-01421
PROJECT/TASK.....9769/01

AFOSR 68-1602
PENNSYLVANIA STATE UNIVERSITY
THIN FILMS AND SHELLS VIEWED AS COARSEST CONTINUUM
MECHANICS OF THE SOLID STATE UNIV OF TORONTO PRESS TORONTO
CANADA PP129-142 1965
BY JAUNZEMIS W
OAR ACCESS NO.....005208-007
DDC NUMBER.....AD672376
INSTR.....AF-AFOSR-01125
PROJECT/TASK.....9762/01

AFOSR 68-1603
COLUMBIA UNIVERSITY
THERMONUCLEAR DETONATION WAVE STRUCTURE
PHYSICS OF FLUIDS VII NO PP536-568 MAR 1968
BY FULLER A L
GROSS H A
OAR ACCESS NO.....009583-016
DDC NUMBER.....AD672747
INSTR.....AF-AFOSR-01678
PROJECT/TASK.....9752/01

AFOSR 68-1604
UNIVERSITY OF PENNSYLVANIA
ON-LINE INFORMATION ACCESS TO CLASSIFICATION TABLES ON DRUG
STIMULANT
BY FUGEL M
OAR ACCESS NO.....011842-010
DDC NUMBER.....AD671978
INSTR.....AF-AFOSR-01125
PROJECT/TASK.....9767/01

AFOSR 68-1605
STANFORD UNIVERSITY
A THEORY OF DISCRETE VIB EMISSIONS FROM THE MAGNETOSPHERE
JOURNAL OF GEOPHYSICAL RESEARCH V72 NO PP4773-4779 1 OCT
1967
BY WILLIAMS J A
OAR ACCESS NO.....000727-007
DDC NUMBER.....AD672136
INSTR.....AF-AFOSR-0766-67
PROJECT/TASK.....9767/02

AFOSR 68-1606
UNIVERSITY OF TEXAS AT AUSTIN
ON MODE CANCELLATION IN THE MULTIVARIABLE SYSTEM
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-13 NO PP131-132
FEB 1968
BY ALBERTSON M D
MUNACK H F
OAR ACCESS NO.....015242-050
DDC NUMBER.....AD672167
INSTR.....AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 68-1607
UNIVERSITY OF TEXAS AT AUSTIN
LOGIC HAZARDS IN THRESHOLD NETWORKS
IEEE TRANSACTIONS ON COMPUTERS VC-17 NO PP236-251 MAR 1968
BY COATES C L
MUMF A H
OAR ACCESS NO.....015242-060
DDC NUMBER.....AD672168
INSTR.....AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 68-1608
GENERAL ELECTRIC COMPANY
INFLUENCE OF CONVECTION ON CURRENT PATTERNS IN
NONEQUILIBRIUM PLASMAS
PHYSICS FLUIDS VII NO PP96-106 JAN 1968
BY SHERMAN A
YEH H
OAR ACCESS NO.....015631-003
DDC NUMBER.....AD672170
INSTR.....AF-AFOSR-01604
PROJECT/TASK.....9752/01

AFOSR 68-1609
CONNELL AERONAUTICAL LABORATORY INC
VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS WITH
EXCHANGE-DOMINATED COLLISIONS
JOURNAL CHEMICAL PHYSICS V48 NO PP179A-1807 15 FEB 1968
BY TREANOR C E
REICH J W
HEMM H G
OAR ACCESS NO.....006081-006
DDC NUMBER.....AD672166
INSTR.....AF-AFOSR-01484
PROJECT/TASK.....9781/01

AFOSR 68-1610
UNIVERSITY OF ROCHESTER
STABILITY OF RELATIVISTIC HALF-JET
PHYSICS OF FLUIDS VII NO PP178-1751 AUG 1967
BY LESSEN M
ZERN H M
OAR ACCESS NO.....011110-005
DDC NUMBER.....AD672151
INSTR.....AF-AFOSR-01543
PROJECT/TASK.....9752/01

AFOSR 68-1611
UNIVERSITY OF ROCHESTER
STABILITY OF MAGNETOHYDRODYNAMIC SHOCK WAVES
JOURNAL PLASMA PHYSICS VI NO PP403-472 1967
BY LESSEN M
HESHPANOF N V
OAR ACCESS NO.....011110-008
DDC NUMBER.....AD672152
INSTR.....AF-AFOSR-01540
PROJECT/TASK.....9752/01

AFOSR 68-1612
CARNEGIE-MELLON UNIVERSITY
USING A COMPUTER TO DESIGN COMPUTER INSTRUCTION SETS
BY HANLEY E M
OAR ACCESS NO.....022400-043
DDC NUMBER.....AD671130
INSTR.....50 -146
PROJECT/TASK.....9718/00

AFOSR 68-1613
UNIVERSITY OF TEXAS AT AUSTIN
LASER INDUCED ELECTRICAL BREAKDOWN AND SHOCK DYNAMICS IN
SUPER-HIGH PRESSURE GASES
AIAA FLUID AND PLASMA DYNAMICS CONF NAR-AND LOS ANGELES
CALIF 24-26 JUN 1968
BY DRUGAL A A
FELDMAN H M JR
HAYNPS G B
OAR ACCESS NO.....015242-061
DDC NUMBER.....AD672373
INSTR.....AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 68-1614
UNIVERSITY OF MICHIGAN
HIGH TEMPERATURE THERMAL CONDUCTIVITY OF GASES AND GAS
MIXTURES
WINTER ANNUAL MEETING THE AMERICAN SOCIETY OF MECHANICAL
ENGINEERS PITTSBURGH PA 12-17 NOV 1967 PAPER NO 67-WA/HT-3
BY MATULA P A
OAR ACCESS NO.....014751-003
DDC NUMBER.....AD672396
INSTR.....AF-AFOSR-1148-66
PROJECT/TASK.....9750/02

AFOSR 68-1615
MILLER INSTITUTE OF RESEARCH
ON THE GENERAL THEORY OF FADING MEMORY
ARCHIVE FOR NATIONAL MECHANICS AND ANALYSIS V24 NO PP18-11
1968
BY LELLMAN H D
WELZ V J
OAR ACCESS NO.....014271-010
DDC NUMBER.....AD672375
INSTR.....AF-AFOSR-0724-66
PROJECT/TASK.....9749/01

AFOSR 68-1616
UNIVERSITY OF MICHIGAN
SINGULAR INTEGRAL EQUATIONS WITH SPECIAL REFERENCE TO
BOUNDARY-VALUE PROBLEMS FINAL REPORT JULY 1968
BY HEINS A F
DAR ACCESS NO.....010982-008
DOC NUMBER.....AD672276
INSTN...AF-AFOSR-0374-65
PROJECT/TASK.....9749/01

AFOSR 68-1617
YALE UNIVERSITY
PRESSURE DEPENDENCE OF ELECTROLYTIC CONDUCTANCE
REPORT JULY 1968
BY FUOSS R M
DAR ACCESS NO.....013530-005
DOC NUMBER.....AD672277
INSTN...AF-AFOSR-0244-63
PROJECT/TASK.....9760/02

AFOSR 68-1618
CALIFORNIA UNIVERSITY OF
STRESS WAVE GENERATION IN A TEMPERATURE-DEPENDENT ABSORBING
SOLID BY IMPULSIVE ELECTROMAGNETIC RADIATION
BY MEGMETER G A
TZUNG F
DAR ACCESS NO.....022780-012
DOC NUMBER.....AD678531
INSTN...AF-AFOSR-1226-67
PROJECT/TASK.....9782/01

AFOSR 68-1619
UNIVERSITY OF MIAMI
SYMMETRY PRINCIPLES AT HIGH ENERGY FIFTH CONAL GAULES
CONFERENCE JANUARY 24-26 1968 FINAL REPORT JULY 1968
BY PERLMUTTER A
HURST C A
KURSUMOGLU M
DAR ACCESS NO.....074460-001
INSTN...AF-AFOSR-1432-68
PROJECT/TASK.....9767/04

AFOSR 68-1619
UNIVERSITY OF MIAMI
SYMMETRY PRINCIPLES AT HIGH ENERGY FIFTH CONAL GAULES
CONFERENCE JANUARY 24-26 1968 FINAL REPORT JULY 1968
BY PERLMUTTER A
HURST C A
KURSUMOGLU M
DAR ACCESS NO.....024460-002
DOC NUMBER.....AD673611
INSTN...AF-AFOSR-1432-68
PROJECT/TASK.....9767/04

AFOSR 68-1620
UNIVERSITY OF NEVADA
A CHEMICAL KINETIC STUDY OF SUBSTITUTION REACTIONS IN
COORDINATION COMPOUNDS FINAL REPORT JUNE 1968
BY MACDONALD O J
DAR ACCESS NO.....020050-003
DOC NUMBER.....AD672001
INSTN...AF-AFOSR-0994-66
PROJECT/TASK.....9710/02

AFOSR 68-1621
TECHNION RESEARCH & DEVELOPMENT FOUNDATION
THE PHYSICAL TENSOR AND APPLICATIONS
BY KAHNE Z
DAR ACCESS NO.....011044-001
DOC NUMBER.....AD673905
INSTN...AF-AFOSR-0020-67
PROJECT/TASK.....9741/01

AFOSR 68-1622
DETECTION OF AN AMBIGUOUS VISUAL SIGNAL WHILE IMAGING
BY SIGAL S J
DAR ACCESS NO.....024670-001
DOC NUMBER.....AD673516
INSTN...AF-AFOSR-08-C-0013
PROJECT/TASK.....9774/01

AFOSR 68-1623
PNESTON AND ASSOCIATES INC
U.S. VULNERABILITIES AS PORTRAYED IN THE EAST GERMAN
TELEVISION FILM FILMS IN RAJANAS
BY PNESTON H J
MUNICH J L
KATFA A L
DAR ACCESS NO.....025120-001
DOC NUMBER.....AD673954
INSTN...AF-AFOSR-08-C-0021
PROJECT/TASK.....9770/01

AFOSR 68-1624
CALIFORNIA UNIVERSITY OF
GENERAL FORMULATION AND NUMERICAL SOLUTION OF REACTION DATA
PROBLEMS
BY PURGALIS P
SAYFED R F
DAR ACCESS NO.....025450-006
DOC NUMBER.....AD680043
INSTN...AF-AFOSR-1239-67
PROJECT/TASK.....9790/02

AFOSR 68-1624
CALIFORNIA INSTITUTE OF TECHNOLOGY
IN THESE TECHNIQUE IN HW 1105
ASTROPHYSICAL JOURNAL V102N1 PP113-115 APRIL 1968
BY DAVIS D N
DAR ACCESS NO.....000047-002
DOC NUMBER.....AD677677
INSTN...AF-AFOSR-1401-68
PROJECT/TASK.....9774/01

AFOSR 68-1627
PRINCETON UNIVERSITY
POSSIBLE MODEL FOR A RAPIDLY PULSATING RADIO SOURCE
NATURE V217 N5135 PP1227-1228 30 MAR 1968
BY OSTRIKER J P
DAR ACCESS NO.....016500-026
DOC NUMBER.....AD672634
INSTN...AF-49/038/01555
PROJECT/TASK.....9676/03

AFOSR 68-1628
DUKE UNIVERSITY
FAR-INFRARED AND MILLIMETER WAVE STUDIES OF XENON
HEXAFLUORIDE
JOURNAL OF INORGANIC CHEMISTRY V7 N3 PP610-617 MARCH 1968
BY KIM H
CLAASSEN M H
PEARSON C
DAR ACCESS NO.....000274-017
DOC NUMBER.....AD672612
INSTN...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 68-1629
CONNELL UNIVERSITY
RESEARCH IN IONOSPHERIC PHYSICS
BY OHAKE F D
DAR ACCESS NO.....500081-008
DOC NUMBER.....AD672834
INSTN...F44620-67-C-0066
PROJECT/TASK.....2638/00

AFOSR 68-1629
CONNELL UNIVERSITY
RESEARCH IN IONOSPHERIC PHYSICS
BY OHAKE F D
DAR ACCESS NO.....500081-009
DOC NUMBER.....AD672834
INSTN...F44620-67-C-0066
PROJECT/TASK.....2638/00

AFOSR 68-1630
UNIVERSITY OF CALIFORNIA
USE OF ANALYTICITY IN THE CALCULATION OF NONRELATIVISTIC
SCATTERING AMPLITUDES
THE PHYSICAL REVIEW V147 N5 PP1411-1423 25 MAR 1968
BY SCHLESSINGER L
DAR ACCESS NO.....004614-008
DOC NUMBER.....AD672596
INSTN...AF-AFOSR-0130-68
PROJECT/TASK.....9767/01

AFOSR 68-1631
UNIVERSITY OF OREGON
EQUIVALENT FIELD THEORIES AND BOUND STATES
PHYSICAL REVIEW V164 N5 PP1943-1950 25 DEC 1967
BY ZIMMERMAN M L
DAR ACCESS NO.....027520-001
DOC NUMBER.....AD672478
INSTN...AF-AFOSR-1290-67
PROJECT/TASK.....9751/02

AFOSR 68-1632
UNIVERSITY OF MARYLAND
ELECTROMAGNETIC MASS SHIFTS COMMUTATION AMBIGUITIES AND
EXPONENTIALLY FALLING FORM FACTORS
PHYSICAL REVIEW LETTERS V20 N20 PP1131-1134 13 MAY 68
BY ORANGE M
SUCHER J
DAR ACCESS NO.....002224-001
DOC NUMBER.....AD672479
INSTN...AF-AFOSR-1453-68
PROJECT/TASK.....9751/01

AFOSR 68-1633
UNIVERSITY OF CALIFORNIA
PRINCIPAL SUBALTERNES 3 LINEAR INEQUALITIES
JOURNAL OF RESEARCH OF THE NATIONAL BUREAU OF STANDARDS D-
MATHEMATICAL SCIENCES V72A N1 PP7-22 JANUARY-MARCH 1968
BY THOMPSON H C
DAR ACCESS NO.....014931-008
DOC NUMBER.....AD672611
INSTN...AF-AFOSR-0998-67
PROJECT/TASK.....9749/01

AFOSR 68-1634
CASE WESTERN RESERVE UNIVERSITY
CERTAIN GENERAL PROPERTIES OF UNBIASED ESTIMATES OF
LOCATION AND SCALE PARAMETERS BASED ON CENSORED OBSERVATIONS
SIAM JOURNAL OF APPLIED MATHEMATICS V16 N3 PP553-551 MAY
1968
BY GOVINDARAJULU Z
DAR ACCESS NO.....015250-006
DOC NUMBER.....AD672593
INSTN...AF-AFOSR-0781-65
PROJECT/TASK.....9749/02

AFOSR 68-1635
UNIVERSITY OF CALIFORNIA
KINETICS OF MUSCLE ACTIVITY IN RELATION TO THE MOLECULAR
PHYSIOLOGY OF THE CONTRACTION PROCESS FINAL REPORT DEC 1968
BY HUMMELT W F H N
DAR ACCESS NO.....01-211-001
DOC NUMBER.....AD673503
INSTN...AF-AFOSR-0144-65
PROJECT/TASK.....9777/01

AFOSR 68-1636
WASHINGTON UNIVERSITY
OBSERVATION OF NUCLEAR-ACOUSTIC-RESONANCE DISPERSION
PHYSICAL REVIEW LETTERS V20 N24 PP1338-1340 10 JUNE 1968
BY WELCHER H L
ROLEF D I
DAR ACCESS NO.....015781-002
DOC NUMBER.....AD672609
INSTN...AF-AFOSR-1612-68
PROJECT/TASK.....9767/01

AFOSR 68-1637
BRANDEIS UNIVERSITY
SIGN OF GRAVITATIONAL ENERGY
PHYSICS LETTERS V26A N11 PP538-539 27 APRIL 1968
BY DRILL D P
DESCH S
FADDEEV L D
DAR ACCESS NO.....005154-005
DOC NUMBER.....AD672601
INSTN...AF-AFOSR-036A-67
PROJECT/TASK.....9767/04

AFOSR 68-1638
BRANDEIS UNIVERSITY
ELECTROMAGNETIC MASS SHIFTS EQUAL-TIME COMMUTATIONS AND
JOSEPHSON REPRESENTATION
PHYSICAL REVIEW LETTERS V20 N24 10 JUNE 1968 PP1340-1342
BY BRULWART D G
DESER S
DAR ACCESS NO.....005154-006
DOC NUMBER.....AD672604
INSTN...AF-AFOSR-036A-67
PROJECT/TASK.....9767/04

AFOSR 68-1639
JOHNS HOPKINS UNIVERSITY
ESTIMATION OF THE INNOVATION VARIANCE OF A STATIONARY TIME
SERIES
JOURNAL AMERICAN STATISTICAL ASSOCIATION V63 PP141-149 MAR
1968
BY DAVIS H T
JONES R W
DAR ACCESS NO.....014670-017
DOC NUMBER.....AD672606
INSTN...AF-49/638/01302
PROJECT/TASK.....9749/02

AFOSR 68-1640
VANDERBILT UNIVERSITY
AN INDUCTION GENERATOR EXPERIMENT
PLASMA PHYSICS V10 PP563-566 MAY 1968
BY BARACH J P
SCHWEN E J JR
DAR ACCESS NO.....013872-005
DOC NUMBER.....AD672591
INSTN...AF-AFOSR-0287-5A
PROJECT/TASK.....9767/03

AFOSR 68-1641
MELLON INSTITUTE OF RESEARCH
ON THERMODYNAMIC CONDITIONS FOR THE STABILITY OF EVOLVING
SYSTEMS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V29 N2
PP105-113 1968
BY COLEMAN H D
NIZEL V J
DAR ACCESS NO.....011271-011
DOC NUMBER.....AD672598
INSTN...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 68-1642
UNIVERSITY OF COPENHAGEN
AN ALGEBRAIC TREATMENT OF FLUCTUATIONS OF SUMS OF RANDOM
VARIABLES
PROCEEDINGS OF THE BERKELEY SYMPOSIUM ON MATHEMATICAL
STATISTICS AND PROBABILITY P1 JUNE-JUL 65 27 DEC 65-7
BY ANDERSEN E S
DAR ACCESS NO.....000501-001
DOC NUMBER.....AD672480
INSTN...AF-EDAR-0070-62
PROJECT/TASK.....9749/32

AFOSR 68-1643
NORTH CAROLINA STATE UNIVERSITY
THE CORRESPONDENCE PRINCIPLE OF LINEAR VISCOELASTICITY
THEORY FOR MIXED BOUNDARY VALUE PROBLEMS INVOLVING
TIME-DEPENDENT BOUNDARY CONDITIONS
QUANTICALLY OF APPLIED MATHEMATICS V26 N2 PP167-174 JULY 1968
BY GRAHAM G A C
DAR ACCESS NO.....011593-004
DOC NUMBER.....AD672599
INSTN...AF-AFOSR-0444-66
PROJECT/TASK.....9767/01

AFOSR 68-1644
UNIVERSITY OF CHICAGO
CLASSES OF COMPACT OPERATORS AND EIGENVALUE DISTRIBUTIONS
FOR ELLIPTIC OPERATORS
AMERICAN JOURNAL OF MATHEMATICS V90 N4 PP1016-1022 OCT 1967
BY DEALS N
DAR ACCESS NO.....011680-002
DOC NUMBER.....AD672597
INSTN...AF-AFOSR-0710-65
PROJECT/TASK.....9749/02

AFOSR 68-1645
CORNELL UNIVERSITY
BINDING AND MOBILITY OF VIBRAL ATOM ON CRYSTAL SURFACES
FINAL REPORT JULY 1968
BY BRIDGES T N
DAR ACCESS NO.....017040-007
DOC NUMBER.....AD673311
INSTN...AF-AFOSR-0470-64
PROJECT/TASK.....9767/03

AFOSR 68-1647
WASHINGTON UNIVERSITY
A CONTRIBUTION TO THE ELECTROMAGNETIC THEORY OF THE
UNIFYNATED AXON
MATHEMATICAL BIOSCIENCE V2 PP111-121 1968
BY PICKARD W F
DAR ACCESS NO.....023160-002
DOC NUMBER.....AD674298
INSTN...AF-AFOSR-1209-67
PROJECT/TASK.....9777/01

AFOSR 68-1648
LUND UNIVERSITY
MACROENERGIC MECHANISMS IN NERVOUS TISSUE FINAL REPORT
APRIL 1968
BY DAHL E
FALCK B
DAR ACCESS NO.....014342-006
DOC NUMBER.....AD674298
INSTN...AF-EDAR-0015-67
PROJECT/TASK.....9777/01

AFOSR 68-1649
LUND UNIVERSITY
STIMULANT DEMONSTRATION OF ADRENERGIC AND NON-
ADRENERGIC NERVE FIBERS
HISTOCHEMIE V13 PP105-110 1968
BY CHINGER B
SPONHONG U
STENEVI U
DAR ACCESS NO.....014342-007
DOC NUMBER.....AD674297
INSTN...AF-EDAR-0015-67
PROJECT/TASK.....9777/01

AFOSR 68-1650
UNIVERSITY OF CALIFORNIA
UPPERMENT CONDITIONING OF EYE MOVEMENT IN THE MONKEY
J OF THE EXPERIMENTAL ANALYSIS OF BEHAVIOR V11 N3 PP311-
320 MAY 1968
BY BEHGER H J
DAR ACCESS NO.....009322-022
DOC NUMBER.....AD674287
INSTN...AF-49/638/01367
PROJECT/TASK.....9777/01

AFOSR 68-1651
JOHN D RICE FOUNDATION OF CONNECTICUT
BRIGHTNESS AS A FUNCTION OF RETINAL LOCUS IN THE LIGHT-
ADAPTED EYE
VISION RESEARCH VR PP525-535 1968
BY MARKS L E
DAR ACCESS NO.....022180-002
DOC NUMBER.....AD674234
INSTN...FA4620-67-C-0017
PROJECT/TASK.....9777/01

AFOSR 68-1652
WEIZMAN INSTITUTE OF SCIENCE
ANTIGENIC COMPETITION BETWEEN POLYPEPTIDYL DETERMINANTS IN
NORMAL AND TOLERANT RABBITS
JOURNAL OF EXPERIMENTAL MEDICINE V127 N2 PP237-250 1 FEB
1968
BY SCHECHTER I
DAR ACCESS NO.....018322-006
DOC NUMBER.....AD674305
INSTN...AF-EDAR-0019-67
PROJECT/TASK.....9777/01

AFOSR 68-1653
UNIVERSITY OF CALIFORNIA
ELECTROE PROBLEMS IN CENTRAL NERVOUS MONITORING IN
PERFORMING SUBJECTS
ANNALS OF N Y ACADEMY OF SCIENCE V149 ARTICLE 1 PP263-278
1 FEB 1968
BY KADO R T
ADEY W H
DAR ACCESS NO.....009321-023
DOC NUMBER.....AD674511
INSTN...AF-AFOSR-0246-61
PROJECT/TASK.....9777/01

AFOSR 68-1654
UNIVERSITY OF MICHIGAN
RESEARCH AND DEVELOPMENT LABORATORY MANAGEMENT KNOWLEDGE
UTILIZATION STUDY FINAL REPORT JULY 1968
BY MANN F C
HAYLOCK H G
DAR ACCESS NO.....014191-001
DOC NUMBER.....AD673448
INSTN...AF-49/638/01732
PROJECT/TASK.....9777/01

AFOSR 68-1655
UNIVERSITY OF MICHIGAN
INFLUENCE OF MEMORY FACTORS ON SENSORY DISCRIMINATION
FINAL REPORT JULY 1968
BY MAIN D H
DAR ACCESS NO.....024450-001
DOC NUMBER.....AD673886
INSTN...AF-AFOSR-1844-68
PROJECT/TASK.....9777/01

AFOSR 68-1657
UNIVERSITY OF TEXAS
ON OPTIMUM SPACE DIVERSITY RECEPTION OF CORRELATED
MULTIPATH
JSEP TECHNICAL REPORT NO 35
BY SMITHREY J H
GRFGG B D
DAR ACCESS NO.....015742-075
DOC NUMBER.....AD674276
INSTN...AF-AFOSR-0766-67
PROJECT/TASK.....9767/00

AFOSR 68-1658
UNIVERSITY OF TEXAS
A COMPUTER-AIDED INSTRUCTIONAL SYSTEM FOR TRANSMISSION LINE
SIMULATION
JSEP TECHNICAL REPORT NO 51
BY REINHARD E A
ROTH C H JR
DAR ACCESS NO.....019242-077
DOC NUMBER.....AD678278
INSTR...AF-AFOSR-0768-67
PROJECT/TASK.....9751/00

AFOSR 68-1659
UNIVERSITY OF TEXAS
INTERSYMBOL INTERFERENCE OF A TIME-CONTINUOUS GAUSSIAN CHAN
JSEP TECHNICAL REPORT NO 52
BY CONRADO J F JR
WAGNER T J
DAR ACCESS NO.....015242-083
DOC NUMBER.....AD678107
INSTR...AF-AFOSR-0768-67
PROJECT/TASK.....9751/00

AFOSR 68-1660
UNIVERSITY OF TEXAS
AN EXPERIMENTAL INVESTIGATION OF THE NON-ION IONIZED
RESONANCE
JSEP TECHNICAL REPORT NO 54
BY DAVID A W III
SWANSON D G
DAR ACCESS NO.....015242-078
DOC NUMBER.....AD678277
INSTR...AF-AFOSR-0768-67
PROJECT/TASK.....9751/00

AFOSR 68-1661
TEXAS UNIVERSITY OF
ON THE FEASIBILITY AND OPTIMIZATION OF LINEAR FREQUENCY
MODULATION IN DIGITAL SIGNALING
JSEP TECHNICAL REPORT NO 53
BY HERNI A J
GREGG W D
DAR ACCESS NO.....015242-06V
DOC NUMBER.....AD678103
INSTR...AF-AFOSR-0768-67
PROJECT/TASK.....9751/00

AFOSR 68-1662
INSTITUTE OF BROOKLYN POLYTECHNIC
SCATTERING AND PROPAGATION OF ELECTROMAGNETIC WAVES IN
BOUNDARY PARAMETRICALLY MODULATED MEDIA
BY PING S
DAR ACCESS NO.....001085-051
DOC NUMBER.....AD677333
INSTR...AF-AFOSR-0768-67
PROJECT/TASK.....9751/00

AFOSR 68-1664
STANFORD UNIVERSITY
THE VISCOUS INCOMPRESSIBLE FLOW PAST A CIRCULAR CYLINDER AT
MODERATE REYNOLDS NUMBERS
SDAAR NO 349
BY UNDERWOOD H L
DAR ACCESS NO.....009022-013
DOC NUMBER.....AD671906
INSTR...AF-AFOSR-0768-67
PROJECT/TASK.....9751/00

AFOSR 68-1665
UNIVERSITY OF UTAH
AMMONIUM PERCHLORATE-BASED PROPELLANT IGNITION BY
LOW-CONVECTIVE HEAT FLUXES
BY RICHARDSON C W
RYAN N B
GAHR A D
DAR ACCESS NO.....001960-003
DOC NUMBER.....AD671906
INSTR...AF-AFOSR-0768-67
PROJECT/TASK.....9751/00

AFOSR 68-1666
BROOKLYN POLYTECHNIC INSTITUTE OF
THE THREE-DIMENSIONAL WAVE BEHIND AN OBSTACLE ON A FLAT
PLATE
FINAL REPORT NO 68-20
BY MONS H F
SPONZA P W
DAR ACCESS NO.....019471-013
DOC NUMBER.....AD675241
INSTR...AF-AFOSR-0768-67
PROJECT/TASK.....9751/00

AFOSR 68-1667
UNIVERSITY OF NEW MEXICO
LAWS OF LEARNING FINAL REPORT AUG 1968
BY LOGAN F A
DAR ACCESS NO.....077370-001
DOC NUMBER.....AD678203
INSTR...AF-AFOSR-1274-67
PROJECT/TASK.....9774/01

AFOSR 68-1668
STEVENS INSTITUTE OF TECHNOLOGY
PLASMA VORTICES IN THE QUANTAL ACCELERATION
SIT-0220 /6/68/
BY FARMER F
BUNTICK W H
DAR ACCESS NO.....007034-001
DOC NUMBER.....AD676061
INSTR...AF-AFOSR-0665-67
PROJECT/TASK.....9752/01

AFOSR 68-1669
STEVENS INSTITUTE OF TECHNOLOGY
THE INTERACTION OF PLASMOIDS WITH MAGNETIC FIELDS
SIT-0221 /6/68/
BY ZORSKIE J
BOSTICK W H
DAR ACCESS NO.....009034-012
DOC NUMBER.....AD676664
INSTR...AF-AFOSR-0665-67
PROJECT/TASK.....9752/01

AFOSR 68-1670
STEVENS INSTITUTE OF TECHNOLOGY
A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A
MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT
SIT-0222 /6/68/
BY DESHMUKH A
BOSTICK W H
DAR ACCESS NO.....009034-003
DOC NUMBER.....AD676666
INSTR...AF-AFOSR-0665-67
PROJECT/TASK.....9752/01

AFOSR 68-1672
FRIENDS MEDICAL & SCIENTIFIC RSCH INST
SHORT TERM AND LONG TERM MEMORY PROCESSES A FUNCTIONAL
MODEL OF FRONTO-TEMPORAL RELATIONSHIPS FINAL REPORT JULY
1968
BY CIANCHI S H
BLACK P
MARKOWITZ R
DAR ACCESS NO.....022570-001
DOC NUMBER.....AD673898
INSTR...AF-AFOSR-0665-67
PROJECT/TASK.....9776/01

AFOSR 68-1673
STANFORD UNIVERSITY
RESPONSE OF LITHIUM DRIFTED SILICON RADIATION DETECTORS TO
HIGH ENERGY CHARGED PARTICLES
BY AITKEN D W
EMERSON D W
ZULLINGER H H
DAR ACCESS NO.....020820-002
DOC NUMBER.....AD676609
INSTR...AF-AFOSR-01593
PROJECT/TASK.....9763/03

AFOSR 68-1676
STANFORD UNIVERSITY
CHARGE COLLECTION EFFICIENCIES FOR LITHIUM DRIFTED SILICON
AND GERMANIUM DETECTORS IN THE X-RAY ENERGY REGION
BY ZULLINGER H H
AITKEN D W
DAR ACCESS NO.....016480-004
DOC NUMBER.....AD677011
INSTR...AF-AFOSR-016499
PROJECT/TASK.....9763/03

AFOSR 68-1677
DENVER UNIVERSITY OF
THEORY AND METHODS IN THE STUDY OF ORGANIZATIONAL STRESS
FINAL REPORT NOV 1968
BY GRAHER T E
DAR ACCESS NO.....027930-001
DOC NUMBER.....AD678929
INSTR...AF-AFOSR-1307-67
PROJECT/TASK.....9779/01

AFOSR 68-1678
YALE UNIVERSITY
TOWARD UNDERSTANDING THE ROLE OF TASKS IN BEHAVIORAL
RESEARCH
BY HACKMAN J H
DAR ACCESS NO.....025520-001
DOC NUMBER.....AD678286
INSTR...AF-AFOSR-1600-60
PROJECT/TASK.....9779/01

AFOSR 68-1679
KINGS COLLEGE
ANIMAL SONAR IN AIR
ULTRASONICS V6 PP32-38 JANUARY 1968
BY MYE J D
DAR ACCESS NO.....017390-004
DOC NUMBER.....AD678294
INSTR...AF-61/052/00876
PROJECT/TASK.....9777/01

AFOSR 68-1681
CALIFORNIA INSTITUTE OF TECHNOLOGY
PATH OF THE EXCITATION ENERGY IN THE QUENCHING OF
FLUORESCENCE BY CONJUGATED DIENES
PURE AND APPLIED CHEMISTRY V16 PP125-136 1968
BY STEPHENSON L W
HAMMOND G S
DAR ACCESS NO.....015080-012
DOC NUMBER.....AD674516
INSTR...AF-AFOSR-01479
PROJECT/TASK.....9762/01

AFOSR 68-1682
STANFORD UNIVERSITY
THE INTERACTION OF A SHOCK WAVE WITH A LAMINAR BOUNDARY
LAYER
INTERN J NON-LINEAR MECHANICS V3 PP173-199 1968
BY POLYMER T A
LUTZ E F
DAR ACCESS NO.....001024-003
DOC NUMBER.....AD674276
INSTR...AF-AFOSR-01385
PROJECT/TASK.....9744/01

AFOSR 68-1683
UNIVERSITY OF CALIFORNIA
DENSITY GRADIENT SEPARATION OF SAMCOTODULAR VESICLES AND
OTHER PARTICULATE CONSTITUENTS OF RABBIT MUSCLE
THE JOURNAL OF CELL BIOLOGY V26 42 PP441-656 1965
BY SENAYDARIAN K
INSTR...AF-AFOSR-0146-63
OAR ACCESS NO.....012210-002
DOC NUMBER.....AD674540
INSTR...AF-AFOSR-0592-64
PROJECT/TASK.....9763/02

AFOSR 68-1684
TULANE UNIVERSITY OF LOUISIANA
NUCLEAR SPIN-LATTICE RELAXATION STUDIES
BY O LOUGHLIN C L
MORRIS R H
OAR ACCESS NO.....014800-001
DOC NUMBER.....AD674540
INSTR...AF-AFOSR-0592-64
PROJECT/TASK.....9763/02

AFOSR 68-1685
UNIVERSITY OF CALIFORNIA
THE RHEOLOGY OF MUSCLE
LABORATORY PRACTICES FEB 1966
BY MONMAERTS W F H M
OAR ACCESS NO.....012211-002
DOC NUMBER.....AD674540
INSTR...AF-AFOSR-0146-65
PROJECT/TASK.....9777/01

AFOSR 68-1686
UNIVERSITY OF CALIFORNIA
ACTIVATION HEAT IN FROG SARTONIUS MUSCLE
THE JOURNAL OF GENERAL PHYSIOLOGY V49 N3 PP517-535
BY GIBBS C L
RICCHIUTI N V
MONMAERTS W F H M
OAR ACCESS NO.....012211-003
DOC NUMBER.....AD674540
INSTR...AF-AFOSR-0146-65
PROJECT/TASK.....9777/01

AFOSR 68-1687
UNIVERSITY OF PITTSBURGH
A HIGH-POWER UNTUNED RADIO-FREQUENCY TRANSMITTER FOR
PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
J OF SCI INSTR SER2 VI 1968
BY LOWE I J
TARR C E
OAR ACCESS NO.....003173-013
DOC NUMBER.....AD674560
INSTR...AF-AFOSR-0170-66
PROJECT/TASK.....9763/01

AFOSR 68-1688
UNIVERSITY OF CALIFORNIA
THE PROBLEM OF SCATTERING BY MAGNETIC IMPURITIES IN METALS
JOURNAL OF APPLIED PHYSICS V39 N2 P2129-1303 1 FEB
1968
BY SUHL H
OAR ACCESS NO.....004462-003
DOC NUMBER.....AD674711
INSTR...AF-AFOSR-0610-67
PROJECT/TASK.....9761/01

AFOSR 68-1690
YALE UNIVERSITY
REMOTE CONTROL VISCOMETER
THE REVIEW OF SCIENTIFIC INSTRUMENTS V39 N4 PP524-528 APR
1968
BY CUSSLER E L
FUCSS R M
OAR ACCESS NO.....013531-003
DOC NUMBER.....AD674512
INSTR...AF-AFOSR-0248-65
PROJECT/TASK.....9760/02

AFOSR 68-1691
STANFORD RESEARCH INSTITUTE
OPTIMIZED REACTION LOCATIONS: BIAS AND REACTIVE INHIBITION
IN THE MILKWEED BUG OENICOMELTA AND THE BEETLE ZEPHYRUS
ZEITSCHRIFT FUR VERGLEICHENDE PHYSIOLOGIE V58 PP116-152
1968
BY WILSON J M
MOY W R
OAR ACCESS NO.....010361-002
DOC NUMBER.....AD674516
INSTR...AF-AFOSR-0146-63
PROJECT/TASK.....9777/01

AFOSR 68-1692
UNIVERSITY OF CALIFORNIA
HEAT PRODUCTION IN A CANINE CONTRACTION
NATURE V238 N5013 PP497-498 27 NOV 1965
BY RICCHIUTI N V
GIBBS C L
OAR ACCESS NO.....012210-003
DOC NUMBER.....AD674596
INSTR...AF-AFOSR-0146-63
PROJECT/TASK.....9777/01

AFOSR 68-1693
UNIVERSITY OF OSLO
ON THE CONVERGENCE PROPERTIES OF THE 1/2 EXPANSIONS AS
FURNISHED BY VARIATIONAL PERTURBATION THEORY CALCULATIONS
PHYSICA NORVEGICA V3 N1 PP11-22 1968
BY MIDTJAL J
AASHAMAR K
LYSLO G
OAR ACCESS NO.....014802-005
DOC NUMBER.....AD674295
INSTR...AF-AFOSR-0031-66
PROJECT/TASK.....9760/01

AFOSR 68-1694
CALIFORNIA INSTITUTE OF TECHNOLOGY
THE JOURNAL CHEMICAL PHYSICS V48 N5 PP2367-2388 1 MAR 1968
BY SMITH B L
PINGS C J
OAR ACCESS NO.....014610-027
DOC NUMBER.....AD674224
INSTR...AF-AFOSR-01273
PROJECT/TASK.....9710/03

AFOSR 68-1695
UNIVERSITY OF MINNESOTA
ELECTRONIC ABSORPTION SPECTRA OF ION PAIRS COMPOSED OF
SUBSTITUTED AMINE PICRATES IN ACETONITRILE
BY CHANTOONI W K JR
KULTHOFF I H
OAR ACCESS NO.....012231-006
DOC NUMBER.....AD674011
INSTR...AF-AFOSR-0028-65
PROJECT/TASK.....9710/03

AFOSR 68-1696
UNIVERSITY OF ILLINOIS
EMERGENT PROPERTIES OF SYSTEMS
PROCEEDINGS OF HAWAII INTERNATIONAL CONF ON SYSTEM SCI
HONOLULU HAWAII 29-31 JAN 1968 PP330-332 JANUARY 1968
BY LUGGREN L
OAR ACCESS NO.....012153-009
DOC NUMBER.....AD674693
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 68-1697
STANFORD UNIVERSITY
MAYLEIGH SCATTERING BY HEAL CHAIN MOLECULES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N12 PP3128-3134
5 JUNE 1968
BY FLORY P J
JENNIGAN H L
OAR ACCESS NO.....010391-040
DOC NUMBER.....AD674223
INSTR...AF-AFOSR-01341
PROJECT/TASK.....9760/03

AFOSR 68-1698
UNIVERSITY OF ILLINOIS
DEVIATIONS FROM THE MATTHIESSEN RULE
PHYS CONDENS MATERIE V6 N2 PP171-180 JULY 1967
BY FISCHER K
OAR ACCESS NO.....006372-003
DOC NUMBER.....AD674007
INSTR...AF-AFOSR-0003-65
PROJECT/TASK.....9761/01

AFOSR 68-1699
UNIVERSITA DEGLI STUDI DI GENOVA
BRIEF COMMUNICATION A NEW TECHNIQUE FOR A STABLE PHOTIC
STIMULATION OF FREE-MOVING ANIMALS
PHYSIOLOGY AND BEHAVIOR V3 N1 PP211-212 1968
BY ZATTONI J
OAR ACCESS NO.....005924-014
DOC NUMBER.....AD674302
INSTR...AF-01/052/00801
PROJECT/TASK.....9777/01

AFOSR 68-1700
UNIVERSITY OF ILLINOIS
EVIDENCE FOR THE PARTICIPATION OF THE REDUCTIVE PENTOSE
PHOSPHATE CYCLE IN PHOTOREDUCTION AND THE OXYHYDROGEN
REACTION
PLANT PHYSIOLOGY V43 N4 PP644-652 APRIL 1968
BY RUSSELL G K
GIJNS M
OAR ACCESS NO.....006150-017
DOC NUMBER.....AD674223
INSTR...AF-AFOSR-00798
PROJECT/TASK.....9777/01

AFOSR 68-1701
INSTITUTE FOR ADVANCED STUDY
THEORY OF CP NONCONSERVATION
PHYSICAL REVIEW LETTERS V20 N26 PP1539-1542 24 JUNE 1968
BY JAKES W J
OAR ACCESS NO.....007784-004
DOC NUMBER.....AD674777
INSTR...AF-AFOSR-1365-68
PROJECT/TASK.....9751/01

AFOSR 68-1702
KINGS COLLEGE
ULTRASOUND IN MUDENTS
NATURE V217 N5139 PP682-683 17 FEB 1968
BY SPWELL G O
OAR ACCESS NO.....017390-035
DOC NUMBER.....AD674293
INSTR...AF-01/052/00876
PROJECT/TASK.....9777/01

AFOSR 68-1703
TECHNION RESEARCH & DEVELOPMENT FOUNDATION
THE SPINNING MATERIAL DERIVATIVE AND THE CONTINUITY
EQUATION
ISRAEL JOURNAL OF TECHNOLOGY V4 N1-2 PP157-162 FEBRUARY
1968
BY KAHNI Z
OAR ACCESS NO.....011088-002
DOC NUMBER.....AD674029
INSTR...AF-FOAR-0020-67
PROJECT/TASK.....9749/01

AFOSM 68-1704
INSTITUTE FOR ADVANCED STUDY
PARITY-NONCONSERVING NUCLEAR FORCES
PHYSICAL REVIEW LETTERS V20 N26 PP1542-1545 24 JUNE 1968
BY MCKELLAR B H J
DAR ACCESS NO.....00784-003
DOC NUMBER.....AD674015
INSTR...AF-AFOSM-1365-68
PROJECT/TASK.....9761/01

AFOSM 68-1705
UNIVERSITY OF OREGON
EVIDENCE FOR THE PHOTOREACTION F-F-PHMP IN CA-O CA
PHYSICS LETTERS V28A N1 PP43-44 17 JULY 1967
BY KEMP J C
ZINIKER W M
MENSELEY F U
DAR ACCESS NO.....010172-004
DOC NUMBER.....AD674014
INSTR...AF-AFOSM-0577-68
PROJECT/TASK.....9763/02

AFOSM 68-1706
UNIVERSITY OF OHIO
FARADAY ROTATION STUDIES IN Mg-O AND CA-O COLOUR CENTRES
PROCEEDINGS OF THE BRITISH CHEMICAL SOCIETY V9 PP104-123
JULY 1967
BY KEMP J C
ZINIKER W M
GLAZE J A
DAR ACCESS NO.....010172-005
DOC NUMBER.....AD674014
INSTR...AF-AFOSM-0577-68
PROJECT/TASK.....9763/02

AFOSM 68-1707
UNIVERSIDAD DE CHILE
PROPERTIES OF THE ATPASE SYSTEM FROM THE SHEATH OF SQUID
GIANT AXONS
ARCHIVES OF BIOCHEMISTRY & BIOPHYSICS V122 N3 PP658-663
DEC 1967
BY FISCHER M C
ZAMBRANO F
MONENO V R
DAR ACCESS NO.....016691-002
DOC NUMBER.....AD674570
INSTR...AF-AFOSM-0788-68
PROJECT/TASK.....9777/01

AFOSM 68-1708
WASHINGTON STATE UNIVERSITY
ON THE MULTIPLICITY OF THE EMITTING STATE OF RUTHENIUM
II/ COMPLEXES
JOURNAL MOLECULAR SPECTROSCOPY V26 N1 PP72-77 MAY 1968
BY DEHAS J N
CHOSBY G A
DAR ACCESS NO.....023840-001
DOC NUMBER.....AD674763
INSTR...AF-AFOSM-1362-68
PROJECT/TASK.....9760/02

AFOSM 68-1709
UNIVERSITY OF GEORGIA
COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATES IV METAL
CARBONYL COMPLEXES OF CIS-HIS-1 2-DIPHENYLPHOSPHINO/
ETHYLENE
INORGANICA CHIMICA ACTA V2 N1 PP31-36 MAR 1968
BY KING R B
EGGENS C A
DAR ACCESS NO.....019062-005
DOC NUMBER.....AD674721
INSTR...AF-AFOSM-1211-67
PROJECT/TASK.....9710/02

AFOSM 68-1710
MELLON INSTITUTE OF RESEARCH
MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS III ORGANOSULFUR
DERIVATIVES OF METAL CARBONYLS
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N6 PP1429-1437 13 MAR 1968
BY KING R B
EGGENS C A
DAR ACCESS NO.....019061-010
DOC NUMBER.....AD674564
INSTR...AF-AFOSM-0580-66
PROJECT/TASK.....9710/02

AFOSM 68-1711
UNIVERSITY OF GEORGIA
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS XI SOME
CIS-1 2-ETHYLENEDITHIOLATE DERIVATIVES OF MANGANESE
CARBONYL AND RELATED COMPOUNDS
INORGANIC CHEMISTRY V7 N6 PP1214-1218 JUNE 1967
BY KING R B
EGGENS C A
DAR ACCESS NO.....019062-006
DOC NUMBER.....AD674722
INSTR...AF-AFOSM-1211-67
PROJECT/TASK.....9710/02

AFOSM 68-1712
MELLON INSTITUTE OF RESEARCH
MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS I METAL CARBONYL
COMPLEXES OF TRIS (DIMETHYLAMINO) PHOSPHINE
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N6 PP1412-1417 13
MAR 1968
BY KING R B
EGGENS C A
DAR ACCESS NO.....019061-011
DOC NUMBER.....AD674565
INSTR...AF-AFOSM-0580-66
PROJECT/TASK.....9710/02

AFOSM 68-1713
UNIVERSITY OF MINNESOTA
AUTOPOLYMERIZATION CONSTANT OF ACETONITRILE
JOURNAL PHYSICAL CHEMISTRY V72 N6 PP2270-2272 JUNE 1968
BY KOLTHOFF I M
CHANTONI M K JH
DAR ACCESS NO.....027320-003
DOC NUMBER.....AD674719
INSTR...AF-AFOSM-1223-67
PROJECT/TASK.....9710/03

AFOSM 68-1714
UNIVERSITY OF ILLINOIS
SELF-CONSISTENT TREATMENT OF THE KONDO EFFECT
THE PHYSICAL REVIEW V158 N3 PP613-622 15 JUNE 1967
BY FISCHER K
DAR ACCESS NO.....008322-004
DOC NUMBER.....AD674555
INSTR...AF-AFOSM-0803-65
PROJECT/TASK.....9761/01

AFOSM 68-1715
UNIVERSITY OF TEXAS AT AUSTIN
PLASMA DIAGNOSTICS THROUGH HOLOGRAPHIC TECHNIQUES
RECORD IEEE 1968 WEGEN 3 CONVENTION NO6C 17-REG-3 PPS 4 1
-5 4 6 APR 1968
BY WIGGL F
FRIEDRICH O M JH
DUGDAL A A
DAR ACCESS NO.....015242-068
DOC NUMBER.....AD674727
INSTR...AF-AFOSM-0766-67
PROJECT/TASK.....9751/00

AFOSM 68-1716
NATIONAL BUREAU OF STANDARDS
THE HEAT OF FORMATION OF BORON CARBIDE
JOURNAL OF RESEARCH NBS A PHYSICS AND CHEMISTRY V72A N2
PP133-139 MAR-APR 1968
BY DONALSKI E S
ARMSTRONG G T
DAR ACCESS NO.....590310-028
DOC NUMBER.....AD674166
INSTR...155A -0000A-65
PROJECT/TASK.....9713/02

AFOSM 68-1717
UNIVERSITY OF CALIFORNIA
ENERGETICS OF CARDIAC CONTRACTIONS
JOURNAL OF PHYSIOLOGY V191 PP25-46 1967
BY GIBBS C L
MUMFORDS W F H M
WICHIUTI N V
DAR ACCESS NO.....012211-004
DOC NUMBER.....AD674541
INSTR...AF-AFOSM-0148-65
PROJECT/TASK.....9777/01

AFOSM 68-1718
CLARKSON COLLEGE OF TECHNOLOGY
HEAT TREATMENT EFFECTS ON SOME PHYSICAL PROPERTIES OF
METALLIC SINGLE CRYSTALS
BY MARTIN M C
DAR ACCESS NO.....011131-006
DOC NUMBER.....AD674931
INSTR...AF-AFOSM-0794-65

AFOSM 68-1720
PRINCETON UNIVERSITY
ABSOLUTE CONFIGURATION AND OPTICAL ROTATORY DISPERSION OF
METHYL ALKYL SULFOXIDES
TETRAHEDRON LETTERS N2V PP3249-3252 1968
BY AXELSON M
BICKANT P
GOLDSTEIN M L
GREEN M M
KJAFR A
DAR ACCESS NO.....027000-013
DOC NUMBER.....AD674731
INSTR...AF-AFOSM-1148-67
PROJECT/TASK.....9762/01

AFOSM 68-1721
UNIVERSITY OF CONNECTICUT
CINCIDENCE MEASUREMENTS OF ATOMIC COLLISIONS FINAL
REPORT JUNE 1968
BY EVERHART E
DAR ACCESS NO.....016640-008
DOC NUMBER.....AD676670
INSTR...AF-AFOSM-0405-65
PROJECT/TASK.....9767/02

AFOSM 68-1723
FLORIDA UNIVERSITY
CONCURRENT TUNABLE CYCLOTRON MODE OSCILLATIONS IN A SMOOTH-
WAVE MAGNETRON FINAL REPORT JULY 1968
BY SUTHERLAND A D
SMITH L L
DAR ACCESS NO.....017052-001
DOC NUMBER.....AD678171
INSTR...AF-AFOSM-0830-67
PROJECT/TASK.....9768/01

AFOSM 68-1724
AFOSM-GENERAL NUCLEONICS
PLASMA WAVES AND ROTATION IN THE GAS-FED MELLON CATHODE
ARC
PHYSICS FLUIDS VII N5 PP1050-1056 MAY 1968
BY SWEETSMITH C R
HUESCHTEN F
DEMETRI L J
DAR ACCESS NO.....014511-002
DOC NUMBER.....AD673726
INSTR...AF-69/63/01548
PROJECT/TASK.....9752/01

AFOSR 68-1726
OHIO UNIVERSITY
AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON
SCATTERING LIGHT NUCLEI
NUOVO CIMENTO SER X V55 PP83-94 11 MAY 1968
BY CASSOLA R L
KOSHEL N D
OAR ACCESS NO.....016880-012
DOC NUMBER.....AD674006
INSTR...AF-AFOSR-0254-65
PROJECT/TASK.....9761/01

AFOSR 68-1726
DARTMOUTH COLLEGE
A ONE-STEP HIGH YIELD SYNTHESIS OF NONHEDICARYDRO
EICOSABORANE TRIANION
INORGANIC CHEMISTRY V7 N1 PP164-165 JAN 1968
BY KACZMARCZYK A
OAR ACCESS NO.....019041-001
DOC NUMBER.....AD674019
INSTR...AF-AFOSR-0590-66
PROJECT/TASK.....9710/02

AFOSR 68-1727
COLUMBIA UNIVERSITY
MOLECULAR PHOTOCHEMISTRY VIII EVIDENCE FOR A SINGLE-STATE
COMPLEX IN THE PHOTOCYCLOADDITION OF ACETONE TO TRANS-1,2-
DICYANOETHYLENE
JOURNAL AMERICAN CHEMICAL SOCIETY V90 PP3274-3275 1968
BY TURNER N J
WRIEDL P A
DALTON J C
OAR ACCESS NO.....019800-012
DOC NUMBER.....AD674012
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 68-1728
DARTMOUTH COLLEGE
THERMODYNAMIC PROPERTIES OF DECAHYDRO DECAPOANE DIANION
AND DODECAHYDRO DODECARBANE DIANION
INORGANIC CHEMISTRY V7 N6 PP1057-1061 JUNE 1968
BY KACZMARCZYK A
NICHOLS W C
STOCKMAYER W H
EAMPS T B
OAR ACCESS NO.....019041-002
DOC NUMBER.....AD674027
INSTR...AF-AFOSR-0590-66
PROJECT/TASK.....9710/02

AFOSR 68-1729
DUKE UNIVERSITY
A PROCEDURE FOR DERIVING INVERSION FORMULAE FOR INTEGRAL
TRANSFORM PAIRS OF A GENERAL KIND
GLASGOW MATHEMATICAL JOURNAL V9 PART 1 PP67-77 JANUARY
1968
BY SNEEDON I N
OAR ACCESS NO.....000393-008
DOC NUMBER.....AD674509
INSTR...AF-AFOSR-0435-63
PROJECT/TASK.....9749/01

AFOSR 68-1732
UNIVERSITY OF VIRGINIA
THEORY OF OPTICAL PROPERTIES OF AN EXCESS ELECTRON IN
LIQUID HELIUM
PHYSICS LETTERS V26A N11 PP524-525 22 APRIL 1968
BY CELLI V
OAR ACCESS NO.....022120-008
DOC NUMBER.....AD674576
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9763/02

AFOSR 68-1733
UNIVERSITY OF NEVADA
TEMPERATURE DEPENDENCE OF INTERMOLECULAR ENERGY TRANSFER
IN POLAR MOLECULES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N12 PP3029-3039 5
JUNE 1968
BY SHIN M K
OAR ACCESS NO.....023930-004
DOC NUMBER.....AD674778
INSTR...AF-AFOSR-1356-68
PROJECT/TASK.....9760/02

AFOSR 68-1734
POLITECNICO DI TORINO
ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID
SURFACE THEORETICAL STUDY FOR NORMAL INCIDENCE
TECHNICAL NOTE 37 SCIENTIFIC REPORT 1
BY NUCILLA S
PIAT M G C
OAR ACCESS NO.....001133-003
DOC NUMBER.....AD674289
INSTR...AF-EDAR -0028-66
PROJECT/TASK.....9781/01

AFOSR 68-1735
NEW YORK STATE UNIV RESEARCH FOUNDATION
HEAT CONDUCTION IN A BOUNDED ANISOTROPIC MEDIUM
ATAA JOURNAL V6 N4 PP744-747 APR 1968
BY REISMANN M
OAR ACCESS NO.....020440-003
DOC NUMBER.....AD674575
INSTR...AF-AFOSR-0988-66
PROJECT/TASK.....9782/01

AFOSR 68-1736
SOUTHWEST RESEARCH INSTITUTE
PARAMETRIC EXCITATION OF A NON-HOMOGENEOUS BERNOULLI-EULER
BEAM
JOURNAL MECHANICAL ENGINEERING SCIENCES V10 N3 PP208-212
1968
BY FRANCIS P H
OAR ACCESS NO.....010331-004
DOC NUMBER.....AD674508
INSTR...AF-49/63/01485
PROJECT/TASK.....9782/02

AFOSR 68-1738
KAROLINSKA INSTITUTE
OCCURRENCE AND SOME PROPERTIES OF DOPAMINE CONTAINING
GRANULES IN THE SHEEP ADRENAL
ACTA PHYSIOLOGICA SCANDINAVICA V72 PP255-256 1968
BY LISMAJOKI F
OAR ACCESS NO.....005728-006
DOC NUMBER.....AD674303
INSTR...AF-EDAR -0018-67
PROJECT/TASK.....9777/01

AFOSR 68-1739
UNIVERSITY OF CALIFORNIA
SPHERICAL CAPS AND RANDOM VALUED HARMONIC FUNCTIONS
ORTHOGONAL EXPANSIONS AND THEIR CONTINUOUS ANALOGUES APRIL
27-29 1967 SOUTHWEST ILLINOIS PRESS PP103-125 1968
BY SHAPIRO V L
OAR ACCESS NO.....008104-001
DOC NUMBER.....AD674549
INSTR...AF-AFOSR-0694-66
PROJECT/TASK.....9749/02

AFOSR 68-1740
MAMLINE UNIVERSITY
THE CHARACTERISTIC POLYNOMIAL OF A SINGULAR MATRIX
AMERICAN MATHEMATICAL MONTHLY V75 N5 P506 MAY 1968
BY VARHENG O F
OAR ACCESS NO.....012521-007
DOC NUMBER.....AD674544
INSTR...AF-AFOSR-0039-65
PROJECT/TASK.....9749/02

AFOSR 68-1741
UNIVERSITE LIBRE DE BRUXELLES
THEORY OF MANY BODY PROBLEM AND PARTICLE PHYSICS FINAL
REPORT JAN 1968
BY BROUT W
ENGLERT F
DEDOMINICIS C
OAR ACCESS NO.....012253-001
DOC NUMBER.....AD673507
INSTR...AF-EDAR -0091-65
PROJECT/TASK.....9767/01

AFOSR 68-1742
UNIVERSITY OF ROCHESTER
RELATIVE QUANTUM YIELD FOR PHOTOEMISSION FROM THIN FILMS
OF XENON AND KRYPTON
PHYSICAL REVIEW LETTERS V17 N17 PP919-921 24 OCT 1968
BY O BREEN J F
TEGGARDEN K J
OAR ACCESS NO.....013772-001
DOC NUMBER.....AD674623
INSTR...AF-AFOSR-0236-67
PROJECT/TASK.....9767/02

AFOSR 68-1743
UNIVERSITY OF ILLINOIS
NONLINEAR PHONON INTERACTION IS PIEZOELECTRIC
SEMICONDUCTORS AND EFFECT ON CURRENT SATURATION
PHYSICAL REVIEW V169 N3 PP690-699 15 MAY 1968
BY YAMADA K
OAR ACCESS NO.....003403-002
DOC NUMBER.....AD674697
INSTR...AF-AFOSR-0326-67
PROJECT/TASK.....9761/01

AFOSR 68-1744
POLITECNICO DI TORINO
INCOMPRESSIBLE LAMINAR BOUNDARY LAYER PAST ELLIPTICAL
BODIES
TECHNICAL NOTE 41 SCIENTIFIC REPORT 5
BY JARRE G
OAR ACCESS NO.....001133-004
DOC NUMBER.....AD674291
INSTR...AF-EDAR -0028-66
PROJECT/TASK.....9781/01

AFOSR 68-1745
POLITECNICO DI TORINO
INCOMPRESSIBLE LAMINAR SKIN-FRICTION LAW
TECHNICAL NOTE 42 SCIENTIFIC REPORT 6
BY JARRE G
OAR ACCESS NO.....001133-005
DOC NUMBER.....AD674292
INSTR...AF-EDAR -0028-66
PROJECT/TASK.....9781/01

AFOSR 68-1746
POLITECNICO DI TORINO
ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID
SURFACE ADDITIONAL THEORETICAL STUDY FOR NORMAL INCIDENCE
TECHNICAL NOTE 43 SCIENTIFIC REPORT 7
BY NUCILLA S
PIAT M G C
OAR ACCESS NO.....001133-006
DOC NUMBER.....AD674288
INSTR...AF-EDAR -0028-66
PROJECT/TASK.....9781/01

AFOSR 68-1747
POLITECNICO DI TORINO
SHOCK WAVE PRECURSOR MEASUREMENTS PART I ONE-DIMENSIONAL
THEORY OF ELECTROSTATIC PROFILES IN UNSTADY CONDITIONS WITH
ION GENERATION
TECHNICAL NOTE 3rd SCIENTIFIC REPORT 2
BY ROMITI A
DAN ACCESS NO.....001133-007
DOC NUMBER.....A0674200
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1748
UNIVERSITY OF TENNESSEE
EFFECT OF p-CHLOROPHENYLALANINE ON BRAIN NORADRENALINE IN
MICE
JOURNAL PHARMACY AND PHARMACOLOGY V19 PP22-33 1967
BY WELCH A S
WELCH H L
DAN ACCESS NO.....020931-003
DOC NUMBER.....A0674703
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1749
UNIVERSITY OF CALIFORNIA
ANOMALOUS CONCENTRATION DEPENDENCE OF SUSCEPTIBILITY IN
DILUTE MAGNETIC ALLOYS
PHYSICAL REVIEW LETTERS V20 N13 PP656-657 25 MAR 1968
BY RUEL H
DAN ACCESS NO.....004602-004
DOC NUMBER.....A0674715
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1750
STANFORD UNIVERSITY
SOLAR FLARES
MONITORING DELLA SCUOLA INTERNAZIONALE DI FISICA E TERMO
COURSE 39 00164-194
BY SHIMMER D A
DAN ACCESS NO.....004500-013
DOC NUMBER.....A0674807
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1751
COLUMBIA UNIVERSITY
DISCUSSION OF OBSERVATIONS OF QUASI-STEELAR RADIO SOURCES
RADIO GALAXIES AND SUPERNOVA REMNANTS
HIGH ENERGY ASTROPHYSICS VOL 1 RADIO SOURCES AND THEIR
INTERPRETATIONS ED C DEWITT
BY MOLTZER L
DAN ACCESS NO.....010900-018
DOC NUMBER.....A0674825
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1752
CATHOLIC UNIVERSITY OF AMERICA
CONTRIBUTIONS TO A PROBLEM OF O VAN NANTZIG
TECHNICA VERHAANDLINGEN ARAD NACK SSN V12 PP114-125 1968
BY LUKACS I
DAN ACCESS NO.....011012-003
DOC NUMBER.....A0674833
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1753
CARNEGIE MELLON UNIVERSITY
THERMODYNAMICS AND WAVE PROPAGATION IN NON-LINEAR
MATERIALS WITH MEMORY
PROCEEDINGS OF THE TITAN SYMPOSIUM VIENNA 22-26 JUNE 1968
PP54-76 1968
BY CULHAN Y O
GUSTIN M S
DAN ACCESS NO.....010725-008
DOC NUMBER.....A0674850
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1754
PRINCETON UNIVERSITY
A MODEL ATMOSPHERE FOR A HA V STAR WITH LINE BLANKETING
THE ASTROPHYSICAL JOURNAL V192 PP107-122 1968
BY ADAMS E F
MORTON D C
DAN ACCESS NO.....010800-027
DOC NUMBER.....A0674869
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1755
UNIVERSITY OF CALIFORNIA
WILLIAMS LIGHT SCATTERING FROM CRYSTALS IN THE
HYDRODYNAMIC REGION
REVIEWS OF MODERN PHYSICS V40 NUMBER 2 JANUARY 1968
BY JOFFIN A
DAN ACCESS NO.....004602-005
DOC NUMBER.....A0674882
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1756
SUNSHINE LABORATORY CENTER
VELOCITY SPACES IN PLASMA IONS IN A SEMI-RELATIVISTIC PLASMA
AND LASER GENERATION OF PLASMA FINAL REPORT 2000 1968
BY MORTON B D
MORTON A L
DAN ACCESS NO.....010900-018
DOC NUMBER.....A0674825
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1757
GULF GENERAL ATOMIC INC
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC
BEAM TECHNIQUES FINAL REPORT APRIL 1968
BY PALMER H L
SALTSHURG M
SMITH J N JR
DAN ACCESS NO.....010800-003
DOC NUMBER.....A0673510
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1758
COLUMBIA UNIVERSITY
MICROWAVE SPECTRUM CONFORMATION DIPOLE MOMENT AND
BARRIER TO INTERNAL ROTATION IN NETHYL VINYL ETHER
JOURNAL OF CHEMICAL PHYSICS V48 NO 001820-1826 15 FEB 1968
BY CAMELL P
GOLD L M
GLEN M L
DAN ACCESS NO.....000083-005
DOC NUMBER.....A0673278
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1759
NORTH CAROLINA STATE UNIVERSITY
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A GRIFITH
CRACK IN AN ELASTIC SOLID IN WHICH BODY FORCES ARE ACTING
BY TACKO J
DAN ACCESS NO.....011593-009
DOC NUMBER.....A0673884
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1761
CHEMICAL PHYSICS LETTERS V1 PP700-711 1968
BY JOHNSON P M
RICE S A
DAN ACCESS NO.....015061-026
DOC NUMBER.....A0674608
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1761
UNIVERSITY OF CHICAGO
INTRAMOLECULAR FORMATION OF p-METHYLBENZYL RADICAL FROM
p-XYLYNE
CHEMICAL PHYSICS LETTERS V1 PP700-711 1968
BY JOHNSON P M
RICE S A
DAN ACCESS NO.....015061-027
DOC NUMBER.....A0674608
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1762
UNIVERSITY OF CALIFORNIA
SIMILARITIES ON A PAPER OF PAUL LÉVY ON HADAMARD MATRICES
AMERICAN MATHEMATICAL MONTHLY V75 NO 04408-500 MAY 1968
BY HINC H
DAN ACCESS NO.....014931-009
DOC NUMBER.....A0674606
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1763
MEAN UNIVERSITY
EINSTEIN ASYMPTOTICALLY AUTONOMOUS FUNCTIONAL DIFFERENTIAL
EQUATIONS /ITALIAN/
RENDICONTI CIRCOLO MATEMATICO DI PALERMO V2 N15 PP331-351
1968
BY PALE J K
DAN ACCESS NO.....015592-009
DOC NUMBER.....A0674604
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1764
UNIVERSITY OF SOUTHERN CALIFORNIA
NEW FINITE STATE ASPECTS OF LOGGED LOGICITION
MATHEMATICAL RECREATIONS V2 PP47-48 1968
BY MCGHEE W H
DAN ACCESS NO.....021211-005
DOC NUMBER.....A0674912
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1765
UNIVERSITY OF ROCHESTER
OSCILLATING THEOREMS AND GENERALIZED PHASE SPACE DISTRIBUTIONS
PHYSICS LETTERS V26A NO 04485-486 8 APRIL 1968
BY ASHBALE G S
WOLF E
DAN ACCESS NO.....004602-003
DOC NUMBER.....A0674776
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1767
UNIVERSITY OF WINDSOR
AN APPARATUS FOR THE PRECISE DETERMINATION OF LIFETIMES OF
ATOMIC STATES
APPLIED OPTICS V7 NO 00673-0725 APR 1968
BY DANIEL C F
KATHELE J P
CHOLEY G
DAN ACCESS NO.....011111-107
DOC NUMBER.....A0674621
INST.....AF-68-1747-007
PROJECT/TASK.....0701/01

AFOSR 68-1768
UNIVERSITY OF WISCONSIN
OPTICAL PUMPING IN ALKALI METAL VAPORS FINAL REPORT FEB 1968
BY KHAUSE L
OAR ACCESS NO.....011133-006
DOC NUMBER.....A0674000
INSTR.....AF-AFOSR-0301-07
PROJECT/TASK.....9767702

AFOSR 68-1764
UNIVERSITY OF NEW MEXICO
CRITICAL STRAIN FIELD IN THE VICINITY OF A STABLE FRACTURE
RECENT ADVANCES IN ENGINEERING SCIENCES GORDON & BREACH
SCIENCES PUBLISHERS INC NEW YORK N Y V2 PP413-438
BY JUF B
SHAPER H B
OAR ACCESS NO.....918331-002
DOC NUMBER.....A0674502
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9767701

AFOSR 68-1770
UNIVERSITY OF TENNESSEE
EFFECT OF STRESS AND PARA-CHLOROPHENYLALANINE UPON BRAIN SEROTONIN 5-HYDROXYTRYPTOPHAN CARBOXYLIC ACID AND CATECHOLAMINES IN GROUPED AND ISOLATED MICE
BIOCHEMICAL PHARMACOLOGY V17 PP699-708 1968
BY WELCH A T
WELCH H L
OAR ACCESS NO.....020931-001
DOC NUMBER.....A0674503
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9777701

AFOSR 68-1771
POLYTECHNIC OF TORONTO
INCOMPRESSIBLE LAMINAR SKIN-FRICTION LAW
TECHNICAL NOTE 40 SCIENTIFIC REPORT 4
BY JARRE G
OAR ACCESS NO.....001133-001
DOC NUMBER.....A0674504
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9781701

AFOSR 68-1772
POLYTECHNIC OF TORONTO
SHOCK WAVE PRECURSOR MEASUREMENTS PART II EXPERIMENTAL APPARATUS AND AIR TEST RESULTS
TECHNICAL NOTE 39 SCIENTIFIC REPORT 3
BY HOMER A
OAR ACCESS NO.....001133-002
DOC NUMBER.....A0674505
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9781701

AFOSR 68-1773
POLYTECHNIC INSTITUTE OF BROOKLYN
A NOTE ON THE EFFECT OF VARIABLE THICKNESS CIRCULAR PLATES
JOURNAL FRANKLIN INSTITUTE V205 NO 10301-334 MAY 1968
BY VENKATRAMAN B
RAMACHANDRAN C
OAR ACCESS NO.....001133-015
DOC NUMBER.....A0674506
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9781701

AFOSR 68-1774
UNIVERSITY OF TENNESSEE
GREATLY LOWERING OF BRAIN AND ADRENAL CATECHOLAMINES IN GROUP-HOUSED THAN IN INDIVIDUALLY-HOUSED MICE ADMINISTERED DL-ALPHA-METHYLTYROSINE
JOURNAL OF PHARMACY AND PHARMACOLOGY V20 PP248-246 MAY 1968
BY WELCH H L
WELCH A T
OAR ACCESS NO.....920941-008
DOC NUMBER.....A0674507
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9777701

AFOSR 68-1775
CASE WESTERN RESERVE UNIVERSITY
SLIP IN BODY-CENTERED CUBIC CRYSTALS
PHILOSOPHICAL MAGAZINE V17 N150 PP1149-1154 JUNE 1968
BY MITCHELL T C
OAR ACCESS NO.....016501-001
DOC NUMBER.....A0674508
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9781701

AFOSR 68-1776
UNIVERSITY OF CONNECTICUT
INTRINSIC DISTRIBUTIONS OF COMETARY PERIMETER AND MAGNETISMES
ASTRONOMICAL JOURNAL V72 N4 PP1002-1011 OCT 1967
BY EVERHART E
OAR ACCESS NO.....016663-007
DOC NUMBER.....A0674509
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9767702

AFOSR 68-1777
UNIVERSITY OF TEXAS
MEASUREMENT OF ACTION AND PATTERN RECOGNITION IN THE VISUAL SYSTEM
SWETLOCK RECORD 1 C E E N6R18-3WELFCO PP21 E 1 - 21 E 5 APR 1968
BY JENSEN S B
WELCH A T
OAR ACCESS NO.....918331-004
DOC NUMBER.....A0674510
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9767702

AFOSR 68-1778
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MASS EXTREMUM EFFECT ON THE CYCLOTRON RESONANCE LINE SHAPE IN GALLIUM
PHYSICS LETTERS V20A N1 PP607-603 22 APR 1968
BY SUMMA M
OAR ACCESS NO.....007912-008
DOC NUMBER.....A0674511
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9767701

AFOSR 68-1780
UNIVERSITY OF TEXAS AT AUSTIN
A CLASS OF COMMA-FREE CODES
SWETLOCK RECORD 1 C E E N6R18-3WELFCO PP21 E 1 - 21 E 5 APR 1968
BY HANAMONTHY C V
OAR ACCESS NO.....018242-003
DOC NUMBER.....A0674512
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9767702

AFOSR 68-1781
UNIVERSITY OF HAWAII
SOLVATION OF EXTRACTED COMPLEX METAL ACIDS IN THE HAUCAL-NITROBENZENE SYSTEM
JOURNAL PHYSICAL CHEMISTRY V72 N5 PP1617-1620 MAY 1968
BY LAW S L
KENDALL M L
OAR ACCESS NO.....011832-001
DOC NUMBER.....A0674513
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9710702

AFOSR 68-1782
SYSTEM WISCONSIN LTD
THE METHOD OF ADAPTIVELY CONTROLLED PSYCHOLOGICAL LEARNING EXPERIMENTS
THEORY OF SELF-ADAPTIVE CONTROL SYSTEMS HENRY PHESS PH70
NO 1468
BY PARK G
WALLER G L
OAR ACCESS NO.....012690-013
DOC NUMBER.....A0674514
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9769704

AFOSR 68-1783
UNIVERSITY OF PENNSYLVANIA
RECALCULATION OF FORCE CONSTANTS IN CARBON AND SILICON CHLORIDE TETRAHYDRIDES
INORGANIC CHEMISTRY V6 N1941 1967
BY HAGEN A P
MACDONALD A G
OAR ACCESS NO.....016933-002
DOC NUMBER.....A0674515
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9710702

AFOSR 68-1784
GENCOAL ELECTRIC CO
ENDING AND FIELD DESCRIPTION OF INDIVIDUAL TUNGSTEN ATOMS
THE JOURNAL OF CHEMICAL PHYSICS V48 N4 PP1405-1410 15 FEB 1968
BY EMLICH G
OAR ACCESS NO.....019110-010
INSTR.....AF-AFOSR-0308-05

AFOSR 68-1787
TECHNION RESEARCH & DEVELOPMENT FOUNDATION
RECENT STUDIES ON OPTIMIZATION FOR PLASTIC STABILITY OF CYLINDRICAL AND CONICAL SHELLS
AEROSPACE RESEARCH AND AERONAUTICAL SOCIETY CONFERENCE LONDON ENGLAND 12-14 SEPT 1966 PP701-702 1966
BY SINGER J
HARUCH M
OAR ACCESS NO.....001324-007
DOC NUMBER.....A0674516
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9782701

AFOSR 68-1788
UNIVERSITY OF MARYLAND
QUANTUM STRUCTURE IN THE DIELECTRIC FUNCTION OF METALS AND ANOMALOUS PROPAGATION MODES
THE PHYSICAL REVIEW V171 N1 PP330-340 15 MAY 1968
BY GLICK A J
CALLAN M
OAR ACCESS NO.....001333-030
DOC NUMBER.....A0674517
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9751701

AFOSR 68-1789
CAMBRIDGE UNIVERSITY
GROWTH OF HOOKING TO DEFORMATION IN LIQUIDS AND SOLIDS
BY HODGEN F P
FIELD J F
FOX P G
CHANDLER M M
OAR ACCESS NO.....019174-001
DOC NUMBER.....A0674518
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9711701

AFOSR 68-1790
YESHIVA UNIVERSITY
THE DYNAMICS OF CRITICAL POINTS
PHYSICS TODAY V21 N2 PP23-28 APR 1968
BY JUMPE
OAR ACCESS NO.....000934-001
DOC NUMBER.....A0674519
INSTR.....AF-AFOSR-0308-05
PROJECT/TASK.....9767701

AFOSR 68-1792
PRINCETON UNIVERSITY
NONSTEADY BURNING PHENOMENA OF SOLID PROPELLANTS THEORY
AND EXPERIMENTS
AIAA JOURNAL V6 N4 PP278-285 FEB 1968
BY VRIEN M
TIEN J S
SHINGANG W A
SUMMERFIELD M
OAR ACCESS NO.....004233-003
DOC NUMBER.....A0674464
INSTR...AF-49/638/01408
PROJECT/TASK.....9713/01

AFOSR 68-1794
UNIVERSITY OF ROCHESTER
STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART I
MAGNETOHYDRODYNAMIC HALF-JET
PHYSICS OF FLUIDS V9 A10 PP1960-1968 OCT 1968
BY LESSER M
DESHANDH M V
OAR ACCESS NO.....019110-007
DOC NUMBER.....A0673046
INSTR...AF-49/638/01340
PROJECT/TASK.....9752/01

AFOSR 68-1795
PALMER RESEARCH INSTITUTE LTD
THE HEATS OF FORMATION OF THE CARBIDES OF ALUMINUM AND
BERYLLIUM
BY BLACKNIK R O G
GROSS P
HATMAN C
OAR ACCESS NO.....017490-003
DOC NUMBER.....A0673897
INSTR...AF-61/082/00863
PROJECT/TASK.....9713/02

AFOSR 68-1796
UNIVERSITY OF TEXAS AT AUSTIN
CHEMICAL VAPOR DEPOSITION OF THIN FILM DIELECTRICS
SWIRECO RECORD I E E E N68C16-SWIRECO MPS D 1 - 6 D 4
APR 1968
BY HARRISON D M
TAYLOR M L
OAR ACCESS NO.....015242-004
DOC NUMBER.....A0674020
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 68-1797
UNIVERSITY OF SYDNEY
THE STELLAR INTERFEROMETER AT NARRABRI OBSERVATORY -II THE
ANGULAR DIAMETERS OF 15 STARS
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY V137
PP393-417 1967
BY BROWN R M
DAVIS J
ALLEN L A
HODGE J M
OAR ACCESS NO.....013801-002
DOC NUMBER.....A0674018
INSTR...AF-AFOSR-0302-66
PROJECT/TASK.....9774/01

AFOSR 68-1798
UNIVERSITY OF CALIFORNIA
SYSTEM IDENTIFICATION AND THE PRINCIPLE OF RANDOM
CONTRACTION MAPPING
SIAM J CONTROL V6 N2 PP244-257 1968
BY OZA K G
JURY E I
OAR ACCESS NO.....000224-002
DOC NUMBER.....A0674021
INSTR...AF-AFOSR-0292-66
PROJECT/TASK.....9767/01

AFOSR 68-1799
UNIVERSITY OF TEXAS AT AUSTIN
PLASMA DIAGNOSTIC TECHNIQUES IN A LINEAR OCTUPOLE
SWIRECO RECORD I E E E N68C16-SWIRECO MPS A 1 - 5 A 6
APR 1968
BY LIGON J L
HOYD J A
CAMDELL G L
DUFSTERMERT M C
OAR ACCESS NO.....015242-005
DOC NUMBER.....A0674024
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 68-1800
UNIVERSITY OF TEXAS
ON THE PERFORMANCE CHARACTERISTICS OF MAXIMUM LIKELIHOOD
DIVERSITY-ARRAY RECEIVERS
SWIRECO RECORD I E E E CATALOG N68C16-SWIRECO PP21 C 1
- 21 C 7 APR 1968
BY DEWHYBERRY J M
GREGG W D
OAR ACCESS NO.....015242-070
DOC NUMBER.....A0674713
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9751/00

AFOSR 68-1801
PRINCETON UNIVERSITY
A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID
PROPELLANTS
AIAA JOURNAL V6 N5 PP278-285 MAY 1968
BY OMLEWILLER T J
SUMMERFIELD M
OAR ACCESS NO.....007853-005
DOC NUMBER.....A0674470
INSTR...AF-49/638/01267
PROJECT/TASK.....9711/01

AFOSR 68-1802
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EFFECT OF GAUSS ON THE LOADING DISTRIBUTION OF PLANAR
LIFTING SURFACES
AIAA JOURNAL V6 N4 PP280-291 APRIL 1968
BY WHITE H A
LANDAHL M T
OAR ACCESS NO.....001309-006
DOC NUMBER.....A0674467
INSTR...AF-49/638/01622
PROJECT/TASK.....9711/02

AFOSR 68-1803
UNIVERSITY OF FLORIDA
EXPERIMENTAL INVESTIGATION OF ELECTRODELESS DISCHARGE LAMPS
AS EXCITATION SOURCES FOR ATOMIC FLUORESCENCE PLANE
SPECTROMETRY
SPECTROCHIMICA ACTA V23B PP389-402 1968
BY HANSPFIELD J W
HATZEL M P
NONGUODON M D
KNAPP D D
ZACHA K E
OAR ACCESS NO.....020431-012
DOC NUMBER.....A0673913
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 68-1804
UNIVERSITY OF FLORIDA
FLAME SPECTROMETRY ATOMIC FLUORESCENCE VS ATOMIC ABSORPTION
METHOD OF CHEMICAL PROGRESS V29 N1 PP35-45 MAR 1968
BY HINEFONNER J D
OAR ACCESS NO.....020431-013
DOC NUMBER.....A0673914
INSTR...AF-AFOSR-1033-67
PROJECT/TASK.....9710/03

AFOSR 68-1805
CORNELL UNIVERSITY
AUGER ELECTRON SPECTROSCOPY OF FCC METAL SURFACES
JOURNAL OF APPLIED PHYSICS V39 N5 PP2423-2432 APR 1968
BY PALMRECH D W
RHOEN T N
OAR ACCESS NO.....017060-009
DOC NUMBER.....A0674583
INSTR...AF-AFOSR-0876-68
PROJECT/TASK.....9761/03

AFOSR 68-1806
UNIVERSITY OF CALIFORNIA
PARTIAL DERIVATIVE OF T SIN C WITH RESPECT TO PRESSURE
FOR TECHNETIUM AND A COMMENT ON ITS SIGN IN RELATION TO
THE OTHER TRANSITION METAL SUPERCONDUCTORS
BY CHU C W
GARDNER F E
SMITH T F
OAR ACCESS NO.....018831-018
DOC NUMBER.....A0674774
INSTR...AF-AFOSR-0631-67
PROJECT/TASK.....9763/03

AFOSR 68-1807
NORTHWESTERN UNIVERSITY
UNITARY-SHIFT-REGISTER REALIZATIONS OF SEQUENTIAL MACHINES
IEEE TRANSACTIONS ON COMPUTERS VC-17 N4 PP312-324 APRIL
1968
BY YAU S S
SU C C
OAR ACCESS NO.....027690-003
DOC NUMBER.....A0674847
INSTR...AF-AFOSR-1797-67
PROJECT/TASK.....9749/01

AFOSR 68-1808
STANFORD UNIVERSITY
SCALAR QUANTUMS AND MAGNETIC FIELD
NATURE V216 N5122 PP1280-1281 30 DECEMBER 1967
BY STURROCK P A
GILVARRY J J
OAR ACCESS NO.....004562-014
DOC NUMBER.....A0674266
INSTR...AF-49/638/01321
PROJECT/TASK.....9767/02

AFOSR 68-1809
STANFORD UNIVERSITY
A PLASMA MODEL OF QUASARS AND RADIO GALAXIES
MEMORIE DELLA SOCIETA INTERNAZIONALE DI FISICA E FERMI
COUNSP 39 PP339-363
BY STURROCK P A
OAR ACCESS NO.....004562-015
DOC NUMBER.....A0674266
INSTR...AF-49/638/01321
PROJECT/TASK.....9767/02

AFOSR 68-1811
UNIVERSITY OF SYDNEY
THE STELLAR INTERFEROMETER AT NARRABRI OBSERVATORY FINAL
REPORT JUNE 1968
BY HROGN M H
OAR ACCESS NO.....013801-003
DOC NUMBER.....A0674067
INSTR...AF-AFOSR-0302-66
PROJECT/TASK.....9774/01

AFOSR 68-1813
UNIVERSITY OF IOWA
CRYSTAL STRUCTURE AND MOLECULAR MOTION OF SOLID CARBON
DISULFIDE
THE JOURNAL OF CHEMICAL PHYSICS V48 N7 PP2974-2981 1 APR
1968
BY HAZENZGER N C
OUAK B L
OAR ACCESS NO.....015190-003
DOC NUMBER.....A0674556
INSTR...AF-AFOSR-0763-65
PROJECT/TASK.....9710/01

AFOSR 88-1814
UNIVERSITY LIBRARY OF MUSEUMS
UNSTABLE PLASMA IN THE RING APPROXIMATION
PHYSICAL REVIEW V38 PP312-316 1968
BY GREGOR A P
DAR ACCESS NO.....002084-003
DOC NUMBER.....AD674307
INSTR...AF-AFOSR-0023-67
PROJECT/TASK.....9767/01

AFOSR 88-1815
UNIVERSITY OF TEXAS
PLASMA DIAGNOSTICS THROUGH HOLOGRAPHIC TECHNIQUES
SWEEPER RECORD I E E C N6C18-SWEEPER 11A N1-14 H 7
APR 1968
BY WEIGER P
FRICOMICH H M JR
DOUGAL A A
DAR ACCESS NO.....013242-071
DOC NUMBER.....AD674738
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9767/00

AFOSR 88-1816
CORNELL UNIVERSITY
ONE-DIMENSIONALLY INCOHERENT SURFACE STRUCTURES
SURFACE SCIENCE V10 N3 PP446-458 JUNE 1968
BY GERLACH P L
WHODIN T W
DAR ACCESS NO.....017080-008
DOC NUMBER.....AD674709
INSTR...AF-AFOSR-0870-65
PROJECT/TASK.....9767/03

AFOSR 88-1817
UNIVERSITY OF UPPSALA
CONTINUED FRACTIONS AND UPPER AND LOWER HOUNDS IN
THE BRILLUIN WIGNER PERTURBATION SCHEME
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY VI PP749-750
1967
BY GUSCINSKI D
DAR ACCESS NO.....023172-012
DOC NUMBER.....AD684035
INSTR...AF-017057/00874
PROJECT/TASK.....9767/01

AFOSR 88-1818
UNIVERSITY OF TEXAS AT AUSTIN
A NONLINEAR ADAPTIVE ESTIMATION RECURSIVE ALGORITHM
SWEEPER RECORD I E E C N6C18-SWEEPER 11A N1-11 P 3 APR
1968
BY LATINOTIS N G
DAR ACCESS NO.....013242-086
DOC NUMBER.....AD674021
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....9767/00

AFOSR 88-1820
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
STARK LADDER IN SOLIDS
PHYSICAL REVIEW LETTERS V20 N16 PP1477-1481 24 JUNE 1968
BY ZAK J
DAR ACCESS NO.....007912-057
DOC NUMBER.....AD67372A
INSTR...F44620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 88-1821
PURE UNIVERSITY
HYDROGEN ADDITION RADICALS OF STILBENOL HEXESTROL
BENZESTROL
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V58 N6
PP2329-2335 DEC 1967
BY LIMING F S JR
MERAK J N
GORDY W
DAR ACCESS NO.....000274-018
DOC NUMBER.....AD680198
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 88-1822
PRINCETON UNIVERSITY
DYNAMIC COLLAPSE OF LTHE ISOTHERMAL SPHERE
THE ASTROPHYSICAL JOURNAL V152 N4 PP514-522 MAY 1968
BY BUDENHEIMER W
SHEIGART A
DAR ACCESS NO.....016533-028
DOC NUMBER.....AD674496
INSTR...AF-49/410/0155
PROJECT/TASK.....9767/03

AFOSR 88-1823
NORTHERN UNIVERSITY
PROOF PROCEDURES AND DECISION PROCEDURES BASED ON THE
RESOLUTION METHOD FINAL REPORT AUG 1968
BY KALLICK D
DAR ACCESS NO.....019302-092
DOC NUMBER.....AD674004
INSTR...AF-AFOSR-1125-66
PROJECT/TASK.....9764/04

AFOSR 88-1824
STANFORD UNIVERSITY
FORCE-FREE MAGNETIC FIELDS AND SOLAR FILAMENTS
RENDICONTI DELLA SCUOLA INTERNAZIONALE DI FISICA E MATEMATICA
COURSE 39 PP155-167
BY STUMPFER P A
WOODRUM F T
DAR ACCESS NO.....004562-016
DOC NUMBER.....AD674272
INSTR...AF-49/410/01121
PROJECT/TASK.....9767/02

AFOSR 88-1825
UNIVERSITY OF WASHINGTON
ELECTRON STATES IN DILUTE DISORDERED ALLOYS
THE PHYSICAL REVIEW V168 N3 PP730-736 15 APRIL 1968
BY STEHN E A
DAR ACCESS NO.....026430-001
DOC NUMBER.....AD674738
INSTR...AF-AFOSR-1270-67
PROJECT/TASK.....9763/02

AFOSR 88-1826
UNIVERSITY IN CALIFORNIA
THE STRUCTURE OF THE OPTIMAL TRACKING PROBLEM FOR
DISTRIBUTED-PARAMETER SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL PP50-56 FEBRUARY
1968
BY AYELHANO E I
DAR ACCESS NO.....014940-010
DOC NUMBER.....AD674589
INSTR...AF-AFOSR-0690-65
PROJECT/TASK.....9749/01

AFOSR 88-1827
UNIVERSITY OF CALIFORNIA
ON THE HAMILTON-JACOBI EQUATION OF DIFFERENTIAL GAMES
INSTR N1 CONTROL VP N7 PP146-148 1968
BY CHATTOPADHYAY N
DAR ACCESS NO.....014941-004
DOC NUMBER.....AD674604
INSTR...AF-AFOSR-0690-67
PROJECT/TASK.....9749/01

AFOSR 88-1828
CALIFORNIA INSTITUTE OF TECHNOLOGY
MECHANISM OF PHOTOCHEMICAL REACTIONS IN SOLUTION LIV A
NEW MECHANISM FOR PHOTODESENSITIZATION
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N11 PP2957-2958 22
MAY 1968
BY MUNDY S L
COLE R S
HAMMOND G S
DAR ACCESS NO.....015080-013
DOC NUMBER.....AD674610
INSTR...AF-49/630/01479
PROJECT/TASK.....9762/01

AFOSR 88-1829
UNIVERSITY OF CALIFORNIA
MAGNETORESISTANCE OF DILUTE MAGNETIC ALLOYS
PHYSICAL REVIEW LETTERS V20 N10 PP500-502 4 MAY 1968
BY WINE M M
SUMI H
DAR ACCESS NO.....008462-008
DOC NUMBER.....AD674718
INSTR...AF-AFOSR-0610-67
PROJECT/TASK.....9761/01

AFOSR 88-1830
COLUMBIA UNIVERSITY
ELECTRICAL CONDUCTIVITY OF A FULLY IONIZED PLASMA
PHYSICS FLUIDS V10 N4 PP1857-1858 AUG 1967
BY NEU K
DAR ACCESS NO.....009563-015
DOC NUMBER.....AD674309
INSTR...AF-49/630/01479
PROJECT/TASK.....9752/01

AFOSR 88-1831
UNIVERSITY OF COLORADO
CALCULUS OF SET VALUED FUNCTIONS AND CONTROL
JOURNAL OF MATHEMATICS AND MECHANICS V18 N1 PP47-60 JULY
1968
BY MURRES H
DAR ACCESS NO.....026420-002
DOC NUMBER.....AD674718
INSTR...AF-AFOSR-1243-67
PROJECT/TASK.....9749/01

AFOSR 88-1832
STATE UNIVERSITY OF NEW YORK
AN EXTENSION OF THE INITIAL VALUE THEOREM AND ITS
APPLICATION TO RANDOM SIGNAL ANALYSIS
PROCEEDINGS OF THE IEEE 56 N4 PP744 APRIL 1968
BY CHANG S S L
DAR ACCESS NO.....014301-005
DOC NUMBER.....AD674607
INSTR...AF-AFOSR-0587-67
PROJECT/TASK.....9749/01

AFOSR 88-1833
SOUTHERN ILLINOIS UNIVERSITY
STUDY OF SINGLE CRYSTALS UNDER THERMAL GRADIENTS /11/
FINAL REPORT JULY 1968
BY ANDROS J L
DAR ACCESS NO.....018561-005
DOC NUMBER.....AD638784L
INSTR...AF-AFOSR-0576-66
PROJECT/TASK.....9761/02

AFOSR 88-1834
OREGON STATE UNIVERSITY
DIFFUSION OF LEAD IONS IN PURIFIED SODIUM CHLORIDE
CRYSTALS
JOURNAL OF CHEMICAL PHYSICS V48 N4 PP1537-1540 15
FEBRUARY 1968
BY HANNON W A
ALLEN C A
FROELICKS W J
DAR ACCESS NO.....011811-004
DOC NUMBER.....AD674561
INSTR...AF-AFOSR-0217-66
PROJECT/TASK.....9761/02

AFOSR 68-1813
NORTH CAROLINA STATE UNIVERSITY
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A
PENNY-SHAPED CRACK IN AN ELASTIC SOLID UNDER THE ACTION OF
SYMMETRIC BODY FORCES
BY TUPED J
OAR ACCESS NO.....011803-010
DOC NUMBER.....AD67380
INSTR.....AF-AFOSR-0444-86
PROJECT/TASK.....9767/01

AFOSR 68-1845
STANFORD UNIVERSITY
A MODEL OF SOLAR FLARES
INTERNATIONAL ASTROPHYSICAL UNION SYMPOSIUM N39 BUDAPEST
HUNGARY 4-8 SEP 1967 PP671-679 1968
BY STUPROCK P A
OAR ACCESS NO.....006402-018
DOC NUMBER.....AD674271
INSTR.....AF-69/638/01381
PROJECT/TASK.....9767/02

AFOSR 68-1836
UNIVERSITY OF PENNSYLVANIA
AN OAL EXPERIMENT ON RETRIEVAL DIALOGUE
BY SMITH J M
OAR ACCESS NO.....011842-011
DOC NUMBER.....AD674058
INSTR.....AF-49/638/01421
PROJECT/TASK.....9767/01

AFOSR 68-1846
UNIVERSITY OF SOUTHERN CALIFORNIA
CONTINUUM QUADRUPOLE CREEPING GAITS
BY MCGHEE R M
FRANK A A
OAR ACCESS NO.....021211-008
DOC NUMBER.....AD675296
INSTR.....AF-AFOSR-1018-87
PROJECT/TASK.....9767/03

AFOSR 68-1837
UNIVERSITE LIEGE DE BRUXELLES
VELOCITY INVERSION IN STATISTICAL MECHANICS
PHYSICA N36 PP433-456 1967
BY HALFSCU W
OAR ACCESS NO.....004086-006
DOC NUMBER.....AD674308
INSTR.....AF-COAM-0024-87
PROJECT/TASK.....9767/01

AFOSR 68-1847
NORTH CAROLINA STATE UNIVERSITY
A NOTE ON THE THERMOELASTIC PROBLEM FOR A PENNY-SHAPED
CRACK
BY TREHO J
OAR ACCESS NO.....011843-011
DOC NUMBER.....AD674004
INSTR.....AF-AFOSR-0444-86
PROJECT/TASK.....9767/01

AFOSR 68-1838
UNIVERSITY OF PENNSYLVANIA
REAL ENGLISH PROJECT REPORT
BY CAUTIN M
REGAN E
OAR ACCESS NO.....013400-009
DOC NUMBER.....AD671999
INSTR.....AF-49/638/01441
PROJECT/TASK.....9767/01

AFOSR 68-1848
MELLON INSTITUTE OF RESEARCH
NUMERICAL CONTINUUM MECHANICS AND FLOW PROPERTIES OF NON-
NEWTONIAN FLUIDS FINAL REPORT AUG 1968
BY COLLEMAN M D
OAR ACCESS NO.....013271-012
DOC NUMBER.....AD675116
INSTR.....AF-AFOSR-0726-86
PROJECT/TASK.....9767/01

AFOSR 68-1839
UNIVERSITY OF PENNSYLVANIA
A WRITTEN EXPERIMENT OF RETRIEVAL DIALOGUE
BY SMITH J M
OAR ACCESS NO.....011842-012
DOC NUMBER.....AD673400
INSTR.....AF-49/638/01421
PROJECT/TASK.....9767/01

AFOSR 68-1849
UNIVERSITY OF MINNESOTA
THE DIRICHLET PROBLEM FOR QUASILINEAR EQUATIONS WITH MANY
INDEPENDENT VARIABLES
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES VOL 65
PP1829-1835 NOVEMBER 1967
BY SHARIN J
OAR ACCESS NO.....017311-001
DOC NUMBER.....AD675010
INSTR.....AF-AFOSR-0083-87
PROJECT/TASK.....9767/02

AFOSR 68-1840
UNIVERSITY OF CALIFORNIA
PROPERTIES OF AN ANISOTROPIC FLUID IN TYPE-II
SUPERCONDUCTORS
THE PHYSICAL REVIEW V109 PP 454-461 10 JANUARY 1968
BY LEADON R E
SUMI H
OAR ACCESS NO.....008462-006
DOC NUMBER.....AD674717
INSTR.....AF-AFOSR-0610-87
PROJECT/TASK.....9767/01

AFOSR 68-1850
UNIVERSITY OF CALIFORNIA
ON FINAL VALUE CONTROL
INTER NJ CONTROL V7 NR PP133-143 1968
BY SEAL C E
STUDDERUD A M
OAR ACCESS NO.....010941-003
DOC NUMBER.....AD674978
INSTR.....AF-AFOSR-0699-87
PROJECT/TASK.....9767/01

AFOSR 68-1841
YALE UNIVERSITY
ANTISYMMETRIC EXCHANGE
PHYSICAL REVIEW LETTERS V20 N24 PP1366-1370 10 JUNE 1968
BY LEVY P M
OAR ACCESS NO.....024760-002
DOC NUMBER.....AD674714
INSTR.....AF-AFOSR-1258-87
PROJECT/TASK.....9767/01

AFOSR 68-1851
NEW YORK UNIVERSITY
ASTROPHYSICAL FLUID DYNAMICS FINAL REPORT FEB 1968
BY SPIEGEL E A
OAR ACCESS NO.....004463-001
DOC NUMBER.....AD675258
INSTR.....AF-AFOSR-0684-86
PROJECT/TASK.....9767/03

AFOSR 68-1842
STANFORD UNIVERSITY
SOLAR ORBITALITY AND THE PERIMELION ADVANCES OF PLANETS
NATURE V216 NO122 PP121-1285 30 DECEMBER 1967
BY GILVARRY J J
STUDDERUD P A
OAR ACCESS NO.....004542-017
DOC NUMBER.....AD674254
INSTR.....AF-49/638/01321
PROJECT/TASK.....9767/02

AFOSR 68-1852
TEXAS A&M UNIVERSITY
THE ELECTRONIC SPECTRA OF SIMPLE MOLECULES FINAL REPORT
JULY 1968
BY CHON J H
OAR ACCESS NO.....006912-001
DOC NUMBER.....AD675254
INSTR.....AF-AFOSR-0326-86
PROJECT/TASK.....9767/01

AFOSR 68-1843
UNIVERSITY OF WINDSOR
COLLISIONAL DEPOLARIZATION OF MAGNETICALLY ORIENTED 4
SUPERSCHRIPT 20 NUCLEUS ATOMS
MAGNETIC RESONANCE AND RELAXATION PROCEEDINGS OF THE 14TH
COUNCIL OF AMERICAN PHYSICIAN YUGOSLAVIA 4-11 SEP 1968
BY BENOCHSKI W
SEITZ H
KRAUSE L
OAR ACCESS NO.....011112-012
DOC NUMBER.....AD674052
INSTR.....AF-AFOSR-0311-86
PROJECT/TASK.....9767/02

AFOSR 68-1853
UNIVERSITY OF MINNESOTA
PARABOLIC EQUATIONS WITH UNBOUNDED COEFFICIENTS
JOURNAL OF DIFFERENTIAL EQUATIONS V3 NR PP1-14 JAN 1967
BY ARONSON D G
HESALA D
OAR ACCESS NO.....017310-016
DOC NUMBER.....AD675011
INSTR.....AF-AFOSR-0943-85
PROJECT/TASK.....9767/02

AFOSR 68-1844
YALE UNIVERSITY
EXPERIMENTS ON THE 2 SUPERSCHRIPT 3P STATE OF HELIUM I A
MEASUREMENT OF THE 2 SUPERSCHRIPT 3P SUBSCRIPT 1-1
SUPERSCHRIPT 3 P SUBSCRIPT 2 FINE STRUCTURE
THE PHYSICAL REVIEW V109 NR PP55-78 5 MAY 1968
BY PICHANICK P M J
SKIFF D H
JOHNSON C E
MUGHES V W
OAR ACCESS NO.....012313-007
DOC NUMBER.....AD674058
INSTR.....AF-AFOSR-0240-86
PROJECT/TASK.....9767/02

AFOSR 68-1854
UNIVERSITY OF MINNESOTA
ADDENDUM TO A PRIORI ESTIMATES FOR SOLUTIONS OF THE
MINIMAL SURFACE EQUATION
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V24 NR PP149-
158 1968
BY SHARIN J
OAR ACCESS NO.....017311-002
DOC NUMBER.....AD675001
INSTR.....AF-AFOSR-0083-87
PROJECT/TASK.....9767/02

AFOSR 68-1855
UNIVERSITY OF NEW MEXICO
POWER AND EFFECTIVITY IN THE SOCIALIZATION OF AIR FORCE
NOTC CADETS
TECHNICAL REPORT NO 1
BY POTTER H R
OAR ACCESS NO.....014243-002
DDC NUMBER.....AD676285
INSTR...AF-AFOSR-0507-67
PROJECT/TASK.....9778/02

AFOSR 68-1856
UNIVERSITY OF NEW MEXICO
LEADERS' 2 BEHAVIOR OF AIR FORCE NOTC CADETS
TECHNICAL REPORT NO 2
BY POTTER H R
OAR ACCESS NO.....014243-001
DDC NUMBER.....AD676285
INSTR...AF-AFOSR-0507-67
PROJECT/TASK.....9778/02

AFOSR 68-1857
CALIFORNIA INSTITUTE OF TECHNOLOGY
A SCALING TECHNIQUE FOR THE DESIGN OF IDEALIZED
ELECTROMAGNETIC LENSES
BY BAUM C F
OAR ACCESS NO.....000193-005
DDC NUMBER.....AD676067
INSTR...AF-AFOSR-1400-6A
PROJECT/TASK.....9768/02

AFOSR 68-1859
UNIVERSITY OF TEXAS AT AUSTIN
A COMPUTER CODE FOR RECOMBINATION AND DIFFUSION CONTROLLED
AFTERGLOWS
JSEP TECHNICAL MEMORANDUM NO 1
BY FROMMHOLO L W
OAR ACCESS NO.....015242-072
DDC NUMBER.....AD676067
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-1860
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
A NEW FINITE ELEMENT MODEL FOR SOLID CONTINUA
BY TONG P
OAR ACCESS NO.....009085-002
DDC NUMBER.....AD676060
INSTR...AF-AFOSR-07-C-0019
PROJECT/TASK.....9782/01

AFOSR 68-1861
STANFORD UNIVERSITY
NONLINEAR OSCILLATIONS OF ELASTIC PANELS IN A SUPersonic
NONVISCOSUS AIRSTREAM
SUDAR NO 354
BY FASTER F E
OAR ACCESS NO.....023201-001
DDC NUMBER.....AD676662
INSTR...AF-AFOSR-08-C-0036
PROJECT/TASK.....9781/02

AFOSR 68-1862
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
APPLICATION OF THE METHOD OF PARAMETRIC DIFFERENTIATION TO
RADIATION GASDYNAMICS
TR 148
BY JISCHKE M C
OAR ACCESS NO.....001191-011
DDC NUMBER.....AD676671
INSTR...AF-AFOSR-0831-67
PROJECT/TASK.....9761/02

AFOSR 68-1866
UNIVERSITY OF CALIFORNIA
SUPERCONDUCTIVITY AND LATTICE PARAMETERS IN FACE-CENTERED
CUBIC PLATINUM TUNGSTEN AND PALLADIUM TUNGSTEN SOLID
SOLUTIONS
JOURNAL OF THE LESS-COMMON METALS V15 PP299-302 1968
BY LUO H L
OAR ACCESS NO.....018831-013
DDC NUMBER.....AD675021
INSTR...AF-AFOSR-0831-67
PROJECT/TASK.....9763/03

AFOSR 68-1867
STANFORD UNIVERSITY
ON THE GENERATION OF ALL SPECTRAL FACTORS
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-14 N3
PP512-514 MAY 1968
BY NEWCOMB R W
ANDERSON D O U
OAR ACCESS NO.....011062-005
DDC NUMBER.....AD674994
INSTR...AF-AFOSR-07-C-0001
PROJECT/TASK.....9749/01

AFOSR 68-1868
UNIVERSITY OF SOUTHERN CALIFORNIA
AN EVALUATION OF ABSORPTION CORRECTION FUNCTIONS FOR
ELECTRON PROBE MICROANALYSIS
BRIT J APPL PHYS V1 PP529-540 30 OCT 1967 SE02
BY ANDERSEN C A
WITTRY D B
OAR ACCESS NO.....011411-008
DDC NUMBER.....AD674985
INSTR...AF-AFOSR-007A-66
PROJECT/TASK.....9761/03

AFOSR 68-1869
NORTHWESTERN UNIVERSITY
REALIZATION OF A CLASS OF SWITCHING FUNCTIONS BY THRESHOLD-
LOGIC NETWORKS
IEEE TRANSACTIONS ON COMPUTERS VC-17 N4 PP391-399 APRIL
1968
BY YAU S S
OSTAPKO D L
OAR ACCESS NO.....027600-004
DDC NUMBER.....AD674946
INSTR...AF-AFOSR-1292-67
PROJECT/TASK.....9749/01

AFOSR 68-1870
CONNELL UNIVERSITY
STRUCTURE TRANSFORMATIONS ON CLEAVED AND ANNEALED GELII
SURFACES
SURFACE SCIENCE V11 N1 PP153-158 JULY 1968
BY PALMBERG P W
OAR ACCESS NO.....017060-010
DDC NUMBER.....AD675020
INSTR...AF-AFOSR-0876-65
PROJECT/TASK.....9761/03

AFOSR 68-1871
COLUMBIA UNIVERSITY
CLASSICAL AND QUANTUM RATE THEORIES FOR SOLIDS
THE PHYSICAL REVIEW V169 N3 PP570-577 15 MAY 1968
BY REINEM J H
OAR ACCESS NO.....007342-001
DDC NUMBER.....AD675000
INSTR...AF-AFOSR-0228-67
PROJECT/TASK.....9761/03

AFOSR 68-1872
NORTHWESTERN UNIVERSITY
NEEL TRANSFORMATION IN NEAR-STOICHIOMETRIC IRON SUB X
OXYGEN
JOURNAL OF APPLIED PHYSICS V39 N5 PP2478-2479 APRIL 1968
BY KOCH F H
FINE M E
OAR ACCESS NO.....013070-007
DDC NUMBER.....AD675017
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9763/01

AFOSR 68-1873
NORTHWESTERN UNIVERSITY
MAGNETIC PROPERTIES OF IRON SUBX OXYGEN AS RELATED TO THE
DEFECT STRUCTURE
JOURNAL OF APPLIED PHYSICS V38 N3 PP1476-1477 MARCH 1967
BY KOCH F H
FINE M E
OAR ACCESS NO.....013070-008
DDC NUMBER.....AD655757
INSTR...AF-AFOSR-0327-63
PROJECT/TASK.....9763/01

AFOSR 68-1874
UNIVERSITY OF CALIFORNIA
CRITICAL-FIELD MEASUREMENT OF SUPERCONDUCTING TUNGSTEN AS
RELATED TO THE CERIUM-MAGNESIUM-NITRATE TEMPERATURE SCALE
PHYSICAL REVIEW LETTERS V21 N1 PP28-31 JULY 1 1968
BY WILLIAM C BLACK JR
OAR ACCESS NO.....018831-014
DDC NUMBER.....AD674973
INSTR...AF-AFOSR-0631-67
PROJECT/TASK.....9763/03

AFOSR 68-1875
UNIVERSITY OF MICHIGAN
MULTIDIMENSIONAL LAGRANGE AND PONTRYAGIN PROBLEMS
MATHEMATICAL THEORY OF CONTROL ACADEMIC PRESS NEW YORK
PP272-284 1967
BY CFSANI L
OAR ACCESS NO.....017920-001
DDC NUMBER.....AD 76113
INSTR...AF-AFOSR-0442 65
PROJECT/TASK.....9749/02

AFOSR 68-1876
TEXAS INSTRUMENTS INC
PARAMAGNETIC RESONANCE OF IRON-COPPER IRON-SILVER AND
IRON-LITHIUM ASSOCIATES IN TWO-FOUR COMPOUNDS
PHYSICAL REVIEW V169 N2 PP356-372 10 MAY 68
BY HOLTON W C
DEWIT M
ESTLE T L
DISCHLER B
SCHNEIDER J
OAR ACCESS NO.....027760-004
DDC NUMBER.....AD674993
INSTR...AF-AFOSR-07-C-0073
PROJECT/TASK.....9763/02

AFOSR 68-1877
UNIVERSITY OF TENNESSEE
DISCUSSION OF AGGRESSION DEFENSE AND NEUROMODS - PAPER
BY ALAN B ROTHBALLER PROCEEDINGS OF THE FIFTH CONFERENCE
ON BRAIN FUNCTION
BRAIN FUNCTION VS N7 AGGRESSION & DEFENSE NEURAL
MECHANISMS & SOCIAL PATTERNS EOS CAMMINE AND LINDSLEY U
OF CALIF PRESS L A PP150-177 1967
BY WELCH M L
OAR ACCESS NO.....0209931-002
DDC NUMBER.....AD676117
INSTR...AF-AFOSR-1227-67
PROJECT/TASK.....9777/01

AFOSR 68-1879
MIDWEST RESEARCH INSTITUTE
A STUDY OF THE ELECTRIC DEFLECTION OF MOLECULAR BEAMS
BY GILBERT F F
MILNIT A
OAR ACCESS NO.....017851-002
DOC NUMBER.....AD677330
INSTR...AF-49/030/01724
PROJECT/TASK.....9750/01

AFOSR 68-1881
UNIVERSITY OF CALIFORNIA
ON DIFFERENTIAL GAMES
INTER NJ CONTROL V6 N3 1967
BY CHATTOPADHYAY R
OAR ACCESS NO.....018443-004
DOC NUMBER.....AD674974
INSTR...AF-49/030-067
PROJECT/TASK.....4761/01

AFOSR 68-1892
U S INDUSTRIAL CHEMICALS CO
CATALYTIC HYDROGENATION AND HYDROGENOLYSIS BY
PENTACYANOQUINONE / II /
ADVANCES IN CHEMISTRY SERIES HOMOGENEOUS CATALYSIS AM CHEM
SOC 1968
BY KWIATK J
SEYLER J K
OAR ACCESS NO.....018670-004
DOC NUMBER.....AD675003
INSTR...AF-49/030/01214
PROJECT/TASK.....9762/03

AFOSR 68-1893
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
RIS / STRIMETHYL SILENOLIMETHYL / MERCURY A NEW AND
USEFUL REAGENT IN SYNTHETIC ORGANOSILICON CHEMISTRY
JOURNAL AMERICAN CHEMICAL SOCIETY V90 NO 10 PP2418-2440 24
APRIL 1968
BY SEYFERTH D
MANSION E M
OAR ACCESS NO.....023400-001
DOC NUMBER.....AD675003
INSTR...AF-49/030-1150-68
PROJECT/TASK.....9762/02

AFOSR 68-1894
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOMETHYLMAL COMPOUNDS VII THE MECHANISM OF
DICHLOROCARBENE INSERTION INTO THE Si-H BOND BY THE
MERCUPTAL ROUTE
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N11 PP2448-2468 22
MAY 1968
BY SEYFERTH D
DANKAUER P
MILL J T P
JULIA T F
OAR ACCESS NO.....023400-002
DOC NUMBER.....AD675004
INSTR...AF-49/030-1150-68
PROJECT/TASK.....9762/02

AFOSR 68-1895
VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH
THE STUDY OF SURFACE CHEMISTRY BY THE POSITIVE EFFECT
JOURNAL ELECTROCHEMICAL SOCIETY V117 N7 PP1750-1750 JULY
1968
BY MINISON M C JR
OAR ACCESS NO.....018520-004
DOC NUMBER.....AD674969
INSTR...AF-49/030-0730-65
PROJECT/TASK.....9760/01

AFOSR 68-1896
STANFORD UNIVERSITY
THE DYNAMICS OF MIXING OF N-ALKANES WITH POLYISOBUTYLENE
MACROMOLECULES VI N3 02/27-28 MAY-JUNE 1968
BY FLETCHER P J
ELLENSON J L
ETCHINGER H L
OAR ACCESS NO.....018520-003
DOC NUMBER.....AD674969
INSTR...AF-49/030/01341
PROJECT/TASK.....9760/03

AFOSR 68-1897
STANFORD UNIVERSITY
DETERMINATION OF THE EQUATION OF STATE OF POLYISOBUTYLENE
MACROMOLECULES VI N3 02/27-28 MAY-JUNE 1968
BY FLETCHER P J
ELLENSON J L
ETCHINGER H L
OAR ACCESS NO.....018520-003
DOC NUMBER.....AD674969
INSTR...AF-49/030/01341
PROJECT/TASK.....9760/03

AFOSR 68-1898
STANFORD UNIVERSITY
THE DYNAMICS OF MIXING OF N-ALKANES WITH POLYISOBUTYLENE
MACROMOLECULES VI N3 02/27-28 MAY-JUNE 1968
BY FLETCHER P J
ELLENSON J L
ETCHINGER H L
OAR ACCESS NO.....018520-002
DOC NUMBER.....AD674969
INSTR...AF-49/030/01341
PROJECT/TASK.....9760/03

AFOSR 68-1899
TECHNICAL RESEARCH DEVELOPMENT FOUNDATION
TENNESSEE CELLULAR CASCADES
THE TRANSLATING IN COMPLETION V6 N1 PP1-67
JANUARY 1968
BY VALLER M
OAR ACCESS NO.....018520-004
DOC NUMBER.....AD674969
INSTR...AF-49/030-0730-65
PROJECT/TASK.....9760/01

AFOSR 68-1890
STANFORD UNIVERSITY
PLASMA PHYSICS AND RELATED TOPICS IN ASTROPHYSICS
BY STURROCK P A
OAR ACCESS NO.....004502-019
DOC NUMBER.....AD677314
INSTR...AF-49/030/01321
PROJECT/TASK.....9767/04

AFOSR 68-1891
UNIVERSITY OF MICHIGAN
VELOCITY SHORT TERM-MEMORY AS A FUNCTION OF DEGREE OF
LEARNING IN A PERCEPTUAL MOTOR INTERPOLATED ACTIVITY
BY CHODER R G
OAR ACCESS NO.....015920-037
DOC NUMBER.....AD675012
INSTR...AF-49/030/01235
PROJECT/TASK.....5002/00

AFOSR 68-1892
STANFORD UNIVERSITY
A GENERAL SOLUTION FOR THE ELASTIC QUANTUM-SPACE FINAL
REPORT AUGUST 1968
BY KETTERE M
OAR ACCESS NO.....016880-001
DOC NUMBER.....AD678213
INSTR...AF-49/030/01475
PROJECT/TASK.....9762/01

AFOSR 68-1893
UNIVERSITY OF PITTSBURGH
METHODOLOGY FOR THE ANALYSIS OF INTERNAL SOCIAL MOVEMENTS
/ SOCIAL MOVEMENTS AND SOCIAL SYSTEM CHANGE /
BY MILLER M H
YANG C K
OAR ACCESS NO.....021161-001
DOC NUMBER.....AD676665
INSTR...AF-49/030-1304-67
PROJECT/TASK.....9779/02

AFOSR 68-1894
UNIVERSITY OF NEW MEXICO
INFLUENCE OF A CAMPUS ENVIRONMENT ON STUDENT COMMITMENT TO
A PARA-MILITARY ORGANIZATION FINAL REPORT OCT 1968
BY HEDGECOCK C E
OAR ACCESS NO.....014463-003
DOC NUMBER.....AD676280
INSTR...AF-49/030-0507-67
PROJECT/TASK.....9776/02

AFOSR 68-1895
STANFORD UNIVERSITY
FLUX WITH COUPLED RADIATIVE AND VIBRATIONAL NONEQUILIBRIUM
IN A DIATOMIC GAS
BY GILLES S E
OAR ACCESS NO.....014460-004
DOC NUMBER.....AD677012
INSTR...AF-49/030/01280
PROJECT/TASK.....9781/01

AFOSR 68-1896
MURIEL UNIVERSITY
ANNUAL REPORT - SEPARATED FIELDS
BY HALL M H
OAR ACCESS NO.....020150-001
DOC NUMBER.....AD676287
INSTR...AF-49/030-08-C-0018
PROJECT/TASK.....9761/04

AFOSR 68-1897
UNIVERSITY OF VIRGINIA
SCALAR SCATTERING AND OTHER SURFACE PHENOMENA FINAL REPORT
JULY 1968
BY CARPENA A
OAR ACCESS NO.....022130-001
DOC NUMBER.....AD676702
INSTR...AF-49/030-1130-66
PROJECT/TASK.....9761/01

AFOSR 68-1898
STANFORD UNIVERSITY
PARADOXES OF HYPNOSIS WITH SPECIAL REFERENCE TO
POSTHYPOPTIC AMNESIA AND HYPNOTIC ANALGESIA FINAL REPORT
OCT 1968
BY HEDGECOCK C E
OAR ACCESS NO.....015470-008
DOC NUMBER.....AD677758
INSTR...AF-49/030/01436
PROJECT/TASK.....9770/01

AFOSR 68-1899
UNIVERSITY OF MICHIGAN
SMITHSONIAN PROPERTIES OF PERIODIC SOLUTIONS IN THE LARGE OF
NONLINEAR HYPERBOLIC DIFFERENTIAL SYSTEMS
FUNCTIONAL EQUATIONS V6 N13 PP125-134 OCT-EMPH 1968
BY LEMARIE L
OAR ACCESS NO.....015920-002
DOC NUMBER.....AD675914
INSTR...AF-49/030-0942-65
PROJECT/TASK.....9769/02

AFOSR 68-1900
UNIVERSITY OF MICHIGAN
THE SELF-ADJUSTING FOR LAUNCHING SYSTEMS
THE ASTROPHYSICAL JOURNAL V191 PP121-122 JUNE 1968
BY ROSENBERG M M
OAR ACCESS NO.....015920-020
DOC NUMBER.....AD675914
INSTR...AF-49/030/01544
PROJECT/TASK.....9767/03

AFOSR 68-1904
CALIFORNIA INSTITUTE OF TECHNOLOGY
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LV
NAPHTHALENE-SENSITIZED PHOTOREDUCTION OF SULFOXIDES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N11 PP2958-2959 22
MAY 1968
BY CROKE W S
HAMMOND G S
DAN ACCESS NO.....015080-014
DOC NUMBER.....AD674173
INSTR.....AF-AFOSR-0720-65
PROJECT/TASK.....9762/02

AFOSR 68-1905
UNIVERSITY OF ARIZONA
ANIONIC POLYMERIZATION AND COPOLYMERIZATION OF
ACRYLOPHENINE
JOURNAL POLYMER SCIENCE V6 PTA-1 PP1849-1855 1968
BY MULVANEY J R
DILLON J G
DAN ACCESS NO.....014890-004
DOC NUMBER.....AD676195
INSTR.....AF-AFOSR-0720-65
PROJECT/TASK.....9762/02

AFOSR 68-1906
UNIVERSITY OF MINNESOTA
A MAXIMUM PRINCIPLE FOR NONLINEAR PARABOLIC EQUATIONS
ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA CLASSE DI
SCIENZE V21 N4 PP291-305 1967
BY AMONSON D G
SERRIN J
DAN ACCESS NO.....017310-019
DOC NUMBER.....AD676192
INSTR.....AF-AFOSR-0942-65
PROJECT/TASK.....9749/02

AFOSR 68-1907
UNIVERSITY OF MINNESOTA
ASYMPTOTIC BEHAVIOR OF INTEGRALS CONNECTED WITH SPECTRAL
FUNCTIONS OF HYPERELLIPTIC OPERATORS
ARKIV FOR MATEMATIK V7 N20 PP243-258 1967
BY FALDENG J
DAN ACCESS NO.....017310-023
DOC NUMBER.....AD676193
INSTR.....AF-AFOSR-0942-65
PROJECT/TASK.....9749/02

AFOSR 68-1908
BRANDEIS UNIVERSITY
DISTRIBUTION AND EXCHANGE OF EXCESS VIBRATIONAL ENERGY
PRODUCED IN THE PHOTOLYSIS OF 2 J-DIAZAMETHYLENE 2,2,1,1
HEPT-2-ENE
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N20 PP5137-5145 27
SEP 67
BY THOMAS T F
SUTIN C I
STEEL C
DAN ACCESS NO.....019191-002
DOC NUMBER.....AD675915
INSTR.....AF-AFOSR-0507-67
PROJECT/TASK.....9762/02

AFOSR 68-1909
UNIVERSIDAD DE CHILE
GROWTH AND STRUCTURE OF SINGLE-CRYSTAL FILMS FINAL REPORT
JULY 1968
BY GRUNBAUM E
DAN ACCESS NO.....014750-001
DOC NUMBER.....AD676010
INSTR.....AF-AFOSR-0740-65
PROJECT/TASK.....9762/02

AFOSR 68-1910
UNIVERSITY OF ARIZONA
POLYMERIZATION AND COPOLYMERIZATION OF ALPHA-METHACRYL-
PHENYLENE
JOURNAL POLYMER SCIENCE V6 PTA-1 PP1841-1848 1968
BY MULVANEY J R
DILLON J G
LAVERTY J L
DAN ACCESS NO.....014890-005
DOC NUMBER.....AD676101
INSTR.....AF-AFOSR-0720-65
PROJECT/TASK.....9762/02

AFOSR 68-1911
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE THERMAL DECOMPOSITION OF ORGANOMETALLIC HEAVY METAL
TRIALKYLACETATES IN THE PRESENCE OF DIBENZYL
JOURNAL ORGANOMETALLIC CHEMISTRY V13 PP169-175 1968
BY SEVERIN D
ROUSSEAU J
CROSS R J
DAN ACCESS NO.....033900-003
DOC NUMBER.....AD676014
INSTR.....AF-AFOSR-1350-68
PROJECT/TASK.....9762/02

AFOSR 68-1912
BRANDEIS UNIVERSITY
PRIMARY PROCESSES IN THE PHOTOCHEMISTRY OF HETEROCYCLIC AZO
COMPOUNDS
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N4 PP2249-2254 28 APR
1968
BY SIEGMUND G S
THOMAS T F
STEEL C
DAN ACCESS NO.....019191-003
DOC NUMBER.....AD676036
INSTR.....AF-AFOSR-0507-67
PROJECT/TASK.....9762/02

AFOSR 68-1913
UNIVERSITY OF MINNESOTA
GROWTH AND DECAY PROPERTIES OF SOLUTIONS OF SECOND ORDER
ELLIPTIC EQUATIONS
ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA CLASSE DI
SCIENZE V20 N4 PP675-701 1966
BY FIFE R C
DAN ACCESS NO.....017310-021
DOC NUMBER.....AD675922
INSTR.....AF-AFOSR-0942-65
PROJECT/TASK.....9749/02

AFOSR 68-1914
UNIVERSITY OF MINNESOTA
CONSIDERATIONS REGARDING THE MATHEMATICAL BASIS FOR
BRANDT'S BOUNDARY LAYER THEORY
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V78 N3
PP184-216 1968
BY FIFE R C
DAN ACCESS NO.....017311-003
DOC NUMBER.....AD675927
INSTR.....AF-AFOSR-0942-67
PROJECT/TASK.....9749/02

AFOSR 68-1915
UNIVERSITY OF MICHIGAN
EXISTENCE THEOREMS FOR MULTIDIMENSIONAL LAGRANGE PROBLEMS
JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS V1 N2
PP87-112 SEPT 1967
BY CESARI L
DAN ACCESS NO.....017920-003
DOC NUMBER.....AD676114
INSTR.....AF-AFOSR-0942-65
PROJECT/TASK.....9749/02

AFOSR 68-1916
UNIVERSITY OF CALIFORNIA
MECHANISMS OF ATTITUDE CHANGE PRODUCED BY FORCED COMPLIANCE
FINAL REPORT AUG 1968
BY COLLINS D E
DAN ACCESS NO.....023080-001
DOC NUMBER.....AD676288
INSTR.....AF-AFOSR-1200-67
PROJECT/TASK.....9729/00

AFOSR 68-1917
UNIVERSITY OF NEW MEXICO
OFFICER TRAINING IN TRANSITION A PARTICIPANT-OBSERVER
STUDY OF AN AIR FORCE ROTC SUMMER FIELD TRAINING UNIT
TECHNICAL REPORT NO 3
BY WILCOXHOUSE C E
DAN ACCESS NO.....014243-004
DOC NUMBER.....AD677306
INSTR.....AF-AFOSR-0507-67
PROJECT/TASK.....9778/02

AFOSR 68-1918
TEXAS UNIVERSITY OF
ARNDSON JON LASPES
JSPR TECHNICAL MEMORANDUM NO 2
BY HELL K M
POWERS E J
DAN ACCESS NO.....015242-004
DOC NUMBER.....AD678205
INSTR.....AF-AFOSR-0760-67
PROJECT/TASK.....4751/00

AFOSR 68-1919
TEXAS UNIVERSITY OF
DIGITAL MATCHED FILTERS FOR DETECTING GAUSSIAN SIGNALS IN
GAUSSIAN NOISE
BY HENDLSON T L
LAINTONIS D G
DAN ACCESS NO.....015242-009
DOC NUMBER.....AD678608
INSTR.....AF-AFOSR-0760-67
PROJECT/TASK.....4751/00

AFOSR 68-1920
UNIVERSITY OF TEXAS
TWO LEVEL REALIZATION OF SWITCHING FUNCTIONS WITH A MINIMUM
OF THRESHOLD GATES
JSPR TECHNICAL REPORT NO 56
BY CARROLL H O
COATES C L
DAN ACCESS NO.....015242-005
DOC NUMBER.....AD678106
INSTR.....AF-AFOSR-0760-67
PROJECT/TASK.....4751/00

AFOSR 68-1922
UNIVERSITY OF TORONTO
SELECTIVE EXCITATION SPECTROSCOPY FINAL REPORT JULY 1968
BY MEASURES W M
DAN ACCESS NO.....019761-003
DOC NUMBER.....AD678008
INSTR.....AF-AFOSR-0944-66
PROJECT/TASK.....9752/01

AFOSR 68-1923
RET RESEARCH INSTITUTE
ION-MOLECULE REACTIONS IN FLAMES FINAL REPORT AUG 1968
BY FENG P
DAN ACCESS NO.....014240-001
DOC NUMBER.....AD676698
INSTR.....AF-AFOSR-0944-66
PROJECT/TASK.....9750/02

AFOSR 68-1925
CALIFORNIA UNIVERSITY OF
HIGH RESOLUTION STUDIES OF DISCRETE RADIO SOURCES
BY CUMEN M H
DAR ACCESS NO.....02J110-004
DOC NUMBER.....AD678631
INST...AF-AFOSR-1260-67
PROJECT/TASK.....9767/02

AFOSR 68-1926
PRINCETON UNIVERSITY
PRINCETON OF DYNAMIC STIMULI FINAL REPORT SEPT 1968
BY NOTTEMAN J M
ROSS D L
MANDRIOTA F J
DAR ACCESS NO.....000912-001
DOC NUMBER.....AD676289
INST...AF-49/638/0125A
PROJECT/TASK.....9778/01

AFOSR 68-1927
CORNELL AERONAUTICAL LABORATORY INC
EXPERIMENTAL STUDY OF PERIOD TRANSPIRATION AT AN ORIFICE IN
RAREFIED FLOW
CAL NO AF-2041-A-3
BY BARTZ J A
VEDAL W J
DAR ACCESS NO.....001252-003
DOC NUMBER.....AD678602
INST...AF-49/638/01433
PROJECT/TASK.....9781/01

AFOSR 68-1928
UNIVERSITY COLLEGE
MICROWAVE SPECTROSCOPY IN THE MILLIMETER REGION FINAL
REPORT JULY 1968
BY LAWREN D H
DAR ACCESS NO.....012301-001
DOC NUMBER.....AD676026
INST...AF-FOAM-0020-66
PROJECT/TASK.....9767/03

AFOSR 68-1929
UNIVERSITA DEGLI STUDI DI NAPLES
NON EQUILIBRIUM FLOW FIELD EQUATIONS TO WITHIN FIRST ORDER
TERMS IN THE AFFINITIES FINAL REPORT JULY 1968
BY NARDOLITANO L G
DAR ACCESS NO.....006031-005
DOC NUMBER.....AD676022
INST...AF-61/052/00853
PROJECT/TASK.....9751/02

AFOSR 68-1930
UNIVERSITY OF MICHIGAN
IONIZED MERCURY GAS IN THE HEATED SHOCK TUBE THE
MEASUREMENT OF RELAXATION TIMES AND ABSOLUTE INTENSITIES
FINAL REPORT AUG 1968
BY KIM Y W
LAPORTE O
DAR ACCESS NO.....017842-001
DOC NUMBER.....AD67599A
INST...AF-AFOSR-0938-67
PROJECT/TASK.....9750/01

AFOSR 68-1931
UNIVERSITY OF MICHIGAN
FREESTONE THEOREMS FOR LAGRANGE AND PUNTERVAIN PROBLEMS OF
THE CALCULUS OF VARIATIONS AND OPTIMAL CONTROL MORE
DIMENSIONAL EXTENSIONS IN SIMPLY SPACES
CINE 1969-175 1969
BY CESARE L
DAR ACCESS NO.....017929-004
DOC NUMBER.....AD676063
INST...AF-AFOSR-0942-65
PROJECT/TASK.....9749/02

AFOSR 68-1932
TECHNISCHE HOCHSCHULE FRIEDERICIANA
INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER
MANTLE FINAL REPORT MAY 1968
BY MUELLER S
DAR ACCESS NO.....017400-004
DOC NUMBER.....AD676020
INST...AF-61/052/00861
PROJECT/TASK.....9747/01

AFOSR 68-1933
UNIVERSITY OF ALASKA
TECTONIC MOVEMENT AND DEFORMATION RELEASE IN ALASKA FINAL
REPORT JUNE 1968
BY BENG E
DAR ACCESS NO.....019601-004
DOC NUMBER.....AD676118
INST...AF-AFOSR-0701-6A
PROJECT/TASK.....8652/00

AFOSR 68-1934
TECHNION RESEARCH & DEVELOPMENT FOUNDATION
BUCKLING OF CYLINDRICAL PANELS UNDER LATERAL PRESSURE
TAE REPORT NO 85 SR-6
BY SINGER J
WILK A
HARUCH M
DAR ACCESS NO.....001324-008
DOC NUMBER.....AD674064
INST...AF-61/052/00406
PROJECT/TASK.....9782/01

AFOSR 68-1935
TECHNION RESEARCH & DEVELOPMENT FOUNDATION
DISCONTINUOUS MAGNETOPLUIDDYNAMICS A SIMPLE LIQUID
SIMULATION
BY GERREN N
DAR ACCESS NO.....019032-002
DOC NUMBER.....AD676058
INST...AF-61/052/00953
PROJECT/TASK.....9752/01

AFOSR 68-1936
TECHNION RESEARCH & DEVELOPMENT FOUNDATION
REPEATED DISCONTINUOUS YIELDING OF 2024 ALUMINUM ALLOY
SCIENTIFIC REPORTING REPORT NO 13
BY ROSEN A
RODNER S R
DAR ACCESS NO.....022330-010
DOC NUMBER.....AD676291
INST...AF-61/052/00981
PROJECT/TASK.....9782/02

AFOSR 68-1937
AVCO CORP
LABORATORY STUDY OF TURBULENCE IN COLLISION-FREE SHOCKS
RESEARCH REPORT 316
BY PANTICK W M
PUGH F R
DAR ACCESS NO.....002272-009
DOC NUMBER.....AD676057
INST...AF-49/638/01482
PROJECT/TASK.....9752/01

AFOSR 68-1938
CARNEGIE-MELLON UNIVERSITY
HEWARKS IN ALGEBRAIC DECOMPOSITION OF AUTOMATA
BY MEYER A R
THOMPSON C
DAR ACCESS NO.....022901-001
DOC NUMBER.....AD676013
INST...FA4620-67-C-0051
PROJECT/TASK.....9718/00

AFOSR 68-1939
AVCO CORP
EXPERIMENTS ON THE INJECTION AND CONTAINMENT OF ELECTRON
CLOUDS IN A TOROIDAL APPARATUS
RESEARCH REPORT 284
BY DAUGHERTY J D
ENINGER J E
JAMES G S
DAR ACCESS NO.....005241-005
DOC NUMBER.....AD676028
INST...AF-49/638/01553
PROJECT/TASK.....9752/01

AFOSR 68-1940
ARCTIC INSTITUTE OF NORTH AMERICA
GREENLAND ICE CAP NOISE STUDIES PROJECT BLUE ICE FINAL
REPORT JUNE 1968
BY LENTON R A
DAR ACCESS NO.....022420-001
DOC NUMBER.....AD676011
INST...AF-49/638/01722
PROJECT/TASK.....8652/00

AFOSR 68-1941
GULF GENERAL ATOMIC INC
SCATTERING OF HELIUM NEON ARGON AND XENON FROM THE 1111/
PLANE ON NICKEL COMPARISON WITH SILVER 1111/ & GOLD 1111/
BY SMITH J M JR
SALTSHURG M
PALMER H L
DAR ACCESS NO.....000302-007
DOC NUMBER.....AD676014
INST...AF-49/638/01435
PROJECT/TASK.....9783/01

AFOSR 68-1942
UNIVERSITY OF CALIFORNIA
ANALYSIS OF LUE CONVERSATION PROVIDING ACCOUNTS FINDING
WRATHES AND TAKING SIDES FINAL REPORT AUG 1968
BY MOERMAN M
DAR ACCESS NO.....022471-001
DOC NUMBER.....AD676009
INST...AF-AFOSR-1428-68
PROJECT/TASK.....9720/00

AFOSR 68-1943
UNIVERSITY OF MICHIGAN
AN INVESTIGATION OF SEISMIC WAVE PROPAGATION IN THE EASTERN
UNITED STATES
BY WILLIS D E
DAR ACCESS NO.....012371-005
DOC NUMBER.....AD673383
INST...AF-49/638/01170
PROJECT/TASK.....8652/00

AFOSR 68-1944
TECHNION RESEARCH & DEVELOPMENT FOUNDATION
LOW DUCKLING LOADS OF AXIALLY COMPRESSED CONICAL SHELLS
TAE REPORT NO 76
BY HARUCH M
HARARI U
SINGER J
DAR ACCESS NO.....001324-009
DOC NUMBER.....AD674073
INST...AF-61/052/00406
PROJECT/TASK.....9782/01

AFOSR 68-1945
ATLANTIC RESEARCH CORP
EXTINGUISHMENT OF SOLID PROPELLANTS BY RAPID
DEPRESSURIZATION
AIAA JOURNAL V6 N7 PP1417-1419 JULY 1968
BY ELBE G V
MCNALLY E T
OAR ACCESS NO.....017041-010
DOC NUMBER.....AD676376
INSTR...AF-68/638/01645
PROJECT/TASK.....9713/01

AFOSR 68-1946
UNIVERSITY OF MASSACHUSETTS
HIGH SENSITIVITY COULOMETRIC ANALYSIS IN ACETONITRILE
ELECTROANALYTICAL CHEMISTRY AND INTERFACIAL ELECTROCHEMISTRY
V17 PP327-334 1968
BY BESSETTE R R
CLYER J W
OAR ACCESS NO.....015310-002
DOC NUMBER.....AD676394
INSTR...AF-68/638/01777-65
PROJECT/TASK.....9710/03

AFOSR 68-1947
UNIVERSITY OF CALIFORNIA
PERIODIC DECOMPOSITION OF SEQUENTIAL MACHINES
JOURNAL OF THE ASSOCIATION FOR COMPUTING MACHINERY V14 N4
PP666-676 OCT 1967
BY GILL A
FLEXER J R
OAR ACCESS NO.....017491-003
DOC NUMBER.....AD676398
INSTR...AF-68/638/01839-65
PROJECT/TASK.....9769/01

AFOSR 68-1948
BOSTON UNIVERSITY
INTERNAL SYMMETRY AND THE C P T OPERATIONS
NUOVO CIMENTO V55A PP499-500 SEP 1 1968
BY ROMAN P
YUN S K
OAR ACCESS NO.....011367-014
DOC NUMBER.....AD676397
INSTR...AF-68/638/0185-65
PROJECT/TASK.....9751/01

AFOSR 68-1950
DUKE UNIVERSITY
STRUCTURE AND GF-73 COUPLING OF THE GEM SUBSCRIPT J MAGICAL
THE JOURNAL OF CHEMICAL PHYSICS V47 N10 PP4274-4275 15 NOV
1967
BY JACKEL G S
CHRISTENSEN J J
GORDY W
OAR ACCESS NO.....000274-014
DOC NUMBER.....AD676400
INSTR...AF-68/638/0183-66
PROJECT/TASK.....9767/02

AFOSR 68-1951
MELLON INSTITUTE OF RESEARCH
SPECTRAL STUDY OF THE INTERCONVERSION OF EUROPIUM PLUS 2
SPECTRA AND EUROPIUM PLUS 3 SPECTRA IN SILICATE GLASSES
PHYSICS AND CHEMISTRY OF GLASSES V9 N2 PP57-63 APR 1968
BY MACKAY J H
NAHUM J
OAR ACCESS NO.....020170-002
DOC NUMBER.....AD676420
INSTR...AF-68/638/0187-66
PROJECT/TASK.....9710/01

AFOSR 68-1952
RENSSELAER POLYTECHNIC INSTITUTE
BOUNDS AND MAXIMAL SOLUTIONS FOR NONLINEAR FUNCTIONAL
EQUATIONS
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V74 N3
PP412-516 MAY 1968
BY CHANDRA J
ALEISHMAN B A
OAR ACCESS NO.....014571-002
DOC NUMBER.....AD676405
INSTR...AF-68/638/01661
PROJECT/TASK.....9749/01

AFOSR 68-1953
SYRACUSE UNIVERSITY
INTERPOLATION THEOREMS FOR OPERATORS IN FUNCTION SPACES
JOURNAL OF FUNCTIONAL ANALYSIS V2 N1 PP31-51 FEBRUARY 1968
BY LORENTZ G G
SHIMOGAKI T
OAR ACCESS NO.....003503-009
DOC NUMBER.....AD676407
INSTR...AF-68/638/01401
PROJECT/TASK.....9749/01

AFOSR 68-1955
UNIVERSITY OF CALIFORNIA
PRINCIPAL SUBMATRICES II THE UPPER AND LOWER QUADRATIC
INEQUALITIES
LINEAR ALGEBRA AND ITS APPLICATIONS AMERICAN ELSEVIER
PUBLISHING COMPANY INC PP211-243 1968
BY THOMPSON R C
MCENTEGGERT P
OAR ACCESS NO.....014931-010
DOC NUMBER.....AD676391
INSTR...AF-68/638/0198-67
PROJECT/TASK.....9749/01

AFOSR 68-1956
TEXAS INSTRUMENTS INC
CHARACTERISTICS OF PARAMETRIC RESONANCE IN
HYDROXYL - DOPED KCl
PHYS COLLOID AMPERE 14TH MAGNETIC RESONANCE AND RELAXATION
LJUBLJANA YUGOSLAVIA SEP 1966 PP444-446 NORTH-HOLLAND
PUBLISHING CO AMSTERDAM 1967
BY SCHEMMEER L O
CSILE T L
OAR ACCESS NO.....014480-011
DOC NUMBER.....AD676391
INSTR...AF-68/638/01290
PROJECT/TASK.....9763/02

AFOSR 68-1957
UNIVERSITY OF MICHIGAN
MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION IN A
FIXED DOMAIN AND AN APPLICATION TO A PROBLEM OF
MAGNETOHYDRODYNAMICS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V29 N2
PP91-104 1968
BY CFSARI L
OAR ACCESS NO.....017920-005
DOC NUMBER.....AD676390
INSTR...AF-68/638/0182-65
PROJECT/TASK.....9749/02

AFOSR 68-1958
DELAWARE UNIVERSITY OF
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
OAR ACCESS NO.....017811-004
DOC NUMBER.....AD676393
INSTR...AF-68/638/0182-67
PROJECT/TASK.....9713/01

AFOSR 68-1959
CALIFORNIA UNIVERSITY OF
THERMAL BUCKLING OF SHALLOW BIMETALLIC TWO-HINGED ARCHES
TECHNICAL REPORT NO 13
BY VAMONT H
HUANG H C
OAR ACCESS NO.....022700-013
DOC NUMBER.....AD676392
INSTR...AF-68/638/01226-67
PROJECT/TASK.....9762/01

AFOSR 68-1960
COLUMBIA UNIVERSITY
REMARKS ON THE GALACTIC MAGNETIC FIELD
RADIO ASTRONOMY AND THE GALACTIC SYSTEM ACADEMIC PRESS
LONDON AND N Y PP479-485 IAU SYMP NO 31 1967
BY BULTER L
OAR ACCESS NO.....014290-015
DOC NUMBER.....AD676379
INSTR...AF-68/638/01358
PROJECT/TASK.....9774/01

AFOSR 68-1962
UNIVERSITY OF NEVADA
MOST FAVORABLE ORIENTATION FOR VIBRATIONAL TRANSITIONS IN
ASYMMETRIC DIATOMIC MOLECULES
CHEMICAL PHYSICS LETTERS V2 N2 PP83-87 JUNE 1968
BY SHIN M K
OAR ACCESS NO.....023930-005
DOC NUMBER.....AD676629
INSTR...AF-68/638/01358-68
PROJECT/TASK.....9760/02

AFOSR 68-1963
YESHIVA UNIVERSITY
SINGLE-TRIPLET FORMULATION FOR DELUTE MAGNETIC ALLOYS
I S-D EXCHANGE MODEL
THE PHYSICAL REVIEW V164 N2 PP495-507 10 APR 1968
BY HORWITZ G
ALEXANDER S
FIDICH M
OAR ACCESS NO.....005833-015
DOC NUMBER.....AD677157
INSTR...AF-68/638/0508-66
PROJECT/TASK.....9767/01

AFOSR 68-1964
HARVARD UNIVERSITY
FREQUENCY DEPENDENT FICTION CONSTANT ANALYSIS OF DIFFUSION
IN SIMPLE LIQUIDS
PHYS REV V170 N1 PP151-155 JUNE 1968
BY MANTIN P C
VIR S
OAR ACCESS NO.....004861-040
DOC NUMBER.....AD677307
INSTR...AF-68/638/01380
PROJECT/TASK.....9767/04

AFOSR 68-1965
UNIVERSITY OF SYDNEY
PRELIMINARY RESULTS FROM THE SYDNEY UNIVERSITY GIANT AIR
SHOWER RECORDER
CANADIAN JOURNAL OF PHYSICS V46 S263-S265 1968
BY BROWNLEE R J
FISH R J S
GOOMEVIL L
KOHN P C
MCCUSKEN C P A
OAR ACCESS NO.....005842-010
DOC NUMBER.....AD677155
INSTR...AF-68/638/0410-62
PROJECT/TASK.....9751/04

AFOSR 68-1966
POLYTECHNIC INSTITUTE OF BROOKLYN
ON THE COMPARISON OF THE SENSITIVITIES OF OPEN-LOOP AND
CLOSED-LOOP OPTICAL CONTROL SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-13 N2 PP166-168
APRIL 1968
BY YOUNG D C
UCHATO P
OAM ACCESS NO.....000182-003
DOC NUMBER.....AD677332
INSTR...AF-49/638/01773
PROJECT/TASK.....9749/01

AFOSR 68-1967
UNIVERSITY OF WASHINGTON
VIBRATIONAL ENERGY TRANSFER COLLISIONAL QUENCHING OF
COMPETITIVE UNIMOLECULAR REACTIONS
CANADIAN JOURNAL CHEMISTRY V46 PP341-343 1968
BY YARDY D C
LARSON C W
RAHNOVITCH B S
OAM ACCESS NO.....020020-002
DOC NUMBER.....AD677116
INSTR...AF-49/638/01633
PROJECT/TASK.....9760/02

AFOSR 68-1969
NORTHWESTERN UNIVERSITY
RESEARCH IN MODERN CONTROL THEORY FINAL REPORT JUNE 1968
BY MUKHMT G J
OAM ACCESS NO.....013361-004
DOC NUMBER.....AD676664
INSTR...AF-AFOSR-0270-65
PROJECT/TASK.....9749/01

AFOSR 68-1970
UNIVERSITY OF MARYLAND
CP NONINVARIANCE IN THE THREE-TRIPLET MODEL
THE PHYSICAL REVIEW NS V159 PP1179-1181 25 MAY 1968
BY WMO C H
OAM ACCESS NO.....002223-01
DOC NUMBER.....AD677152
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 68-1971
UNIVERSITY OF MARYLAND
GENERAL FORM OF THE RETARDED VAN DER WAALS POTENTIAL
THE JOURNAL OF CHEMICAL PHYSICS V48 N7 PP333-334 1 APR
1968
BY FEINBERG G
SUCHTER J
OAM ACCESS NO.....002223-020
DOC NUMBER.....AD677153
INSTR...AF-AFOSR-0500-66
PROJECT/TASK.....9751/01

AFOSR 68-1972
HARVARD UNIVERSITY
EXPANSIONS IN TERMS OF THE HOMOGENEOUS SOLUTIONS OF THE
HEAT EQUATION
PROCEEDINGS OF CONFERENCE ON ORTHOGONAL EXPANSIONS AND
THEIR CONTINUOUS ANALOGUES SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE 27-29 APRIL 1967 PP171-196 1968
BY WOODEN D V
OAM ACCESS NO.....001593-010
DOC NUMBER.....AD67730A
INSTR...AF-49/638/01591
PROJECT/TASK.....9749/02

AFOSR 68-1973
STANFORD UNIVERSITY
SOME APPLICATIONS OF REPRODUCING KERNEL HILBERT SPACES
PROCEEDINGS OF THE THIRD COLLOQUIUM ON MICROWAVE
COMMUNICATION BUDAPEST 19-22 APRIL 1968 PP151-158
BY KAILATH T
OAM ACCESS NO.....017360-011
DOC NUMBER.....AD677645
INSTR...AF-49/638/01517
PROJECT/TASK.....9749/01

AFOSR 68-1974
LEHIGH UNIVERSITY
PARALLEL AND CENTRAL TRANSFORMATIONS OF RIEMANNIAN
MANIFOLDS
RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO SER 2 V15
PP243-339 1966
BY HSIUNG C C
KASSAR J I
OAM ACCESS NO.....000440-002
DOC NUMBER.....AD677713
INSTR...AF-49/638/01604
PROJECT/TASK.....9749/02

AFOSR 68-1975
STANFORD UNIVERSITY
OPTIMAL SIGNAL DESIGN FOR SEQUENTIAL SIGNALING OVER A CHANN
FEEDBACK
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-14 N2
PP331-340 MARCH 1968
BY FANGJUN M J
OAM ACCESS NO.....017360-012
DOC NUMBER.....AD677743
INSTR...AF-49/638/01517
PROJECT/TASK.....9749/01

AFOSR 68-1976
YESHIVA UNIVERSITY
HAMILTON-JACOBI VERSION OF GENERAL RELATIVITY
PHYSICAL REVIEW V170 NS PP1195-1209 25 JUN 68
BY KOMAR A
OAM ACCESS NO.....017091-008
DOC NUMBER.....AD677158
INSTR...AF-AFOSR-0818-67
PROJECT/TASK.....9767/04

AFOSR 68-1977
CHICAGO UNIVERSITY
THEORY OF EXCITONS IN LIQUIDS IV A SIMPLIFIED TREATMENT
OF THE SHIFT AND DAMPING OF POLARIZATION WAVES
THE JOURNAL OF CHEMICAL PHYSICS V48 N6 PP2484-2494 15 MAR 68
BY NICE S A
NICOLIS G
JOHNER J
OAM ACCESS NO.....015061-028
DOC NUMBER.....AD677147
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-1978
VALE UNIVERSITY
PRESSURE BROADENING EFFECTS ON THE OUTPUT OF A GAS LASER
THE PHYSICAL REVIEW V169 N2 PP340-359 10 MAY 1968
BY GYONFFY B L
HORNSTEIN M
LAMB W E JR
OAM ACCESS NO.....012315-010
DOC NUMBER.....AD677170
INSTR...AF-AFOSR-0249-67
PROJECT/TASK.....9767/02

AFOSR 68-1979
UNITED AIRCRAFT CORP
ELECTRON-DETACHMENT IN HYDROGEN MINUS ION PLUS FLUORINE
AND ATOMIC HYDROGEN PLUS FLUORINE ION COLLISIONS
JOURNAL OF CHEMICAL PHYSICS V48 N6 PP2821-2822 15 MAR 1968
BY MICHELS M H
HAHRIS F E
BRODNE J C
OAM ACCESS NO.....020620-001
DOC NUMBER.....AD677300
INSTR...AF-49/638/01711
PROJECT/TASK.....9750/01

AFOSR 68-1980
UNITED AIRCRAFT CORP
OSCILLATIONS IN THE TOTAL CROSS SECTION FOR RESONANT CHARGE
TRANSFER IN LITHIUM - LITHIUM ION COLLISION
PHYSICAL REVIEW LETTERS V20 N25 PP1419-1421 17 JUN 1968
BY PEEK J W
GREEN T A
MEHEL J
MICHELS M H
OAM ACCESS NO.....020620-002
DOC NUMBER.....AD675898
INSTR...AF-49/638/01711
PROJECT/TASK.....9750/01

AFOSR 68-1982
BIRMINGHAM UNIVERSITY
RESEARCH ON THE STABILITY OF THE BODY-CENTERED-CUBIC
STRUCTURE IN METALS AND ALLOYS FINAL REPORT AUG 1968
BY SMITH R W
BROOKES M E
OAM ACCESS NO.....012941-001
DOC NUMBER.....AD679613
INSTR...AF-EDAM-0004-67
PROJECT/TASK.....9763/01

AFOSR 68-1983
CLARK UNIVERSITY
TELEMETRY OF SPIKE ACTIVITY DURING NEURONAL
RESPONSE TO UCMANTS
PROCEEDINGS NATO SUMMER SCHOOL ON THEORIES & ONOM
MEASUREMENT MODERN COLLEGE RES CTI ISTANBUL-TURKEY 1968
BY MOULTON D G
OAM ACCESS NO.....020460-003
DOC NUMBER.....AD680037
INSTR...AF-AFOSR-1050-66
PROJECT/TASK.....9777/01

AFOSR 68-1984
TEXAS UNIVERSITY OF
APPROXIMATE LCAO-MO TREATMENT OF CONJUGATED POLYMERS
THE JOURNAL OF CHEMICAL PHYSICS V44 N2 PP443-448 15 JUL 1966
BY DEWAR M J S
HASHMALL J A
OAM ACCESS NO.....019691-013
DOC NUMBER.....AD680094
INSTR...AF-AFOSR-1050-67
PROJECT/TASK.....9762/01

AFOSR 68-1985
BRANDIS UNIVERSITY
MULTIPLE MOLECULAR FORMS OF CREATINE KINASES
ANNALS OF THE NEW YORK ACADEMY OF SCIENCES V150 ARTICLE
1 PP10-26 14 JUNE 1968
BY DAWSON O M
KOPPELBERG M M
KOPPELBERG M F
OAM ACCESS NO.....015520-006
DOC NUMBER.....AD679800
INSTR...AF-AFOSR-0712-65
PROJECT/TASK.....9777/01

AFOSR 68-1987
JOHNS HOPKINS UNIVERSITY
SINGLE-UNIT ACTIVITY IN THE PRIMARY AUDITORY CORTX OF
UNANESTHETIZED CATS
THE JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA V43 N3
PP668-675 MARCH 1968
BY MOISE M GOLDSTEIN M M JR
HALL M L II
HUTTERFIELD R D
OAM ACCESS NO.....019530-001
DOC NUMBER.....AD679828
INSTR...AF-49/638/01386
PROJECT/TASK.....9777/01

AFOSR 68-1988
TEXAS UNIVERSITY OF
GROUND STATES OF CONJUGATED MOLECULES X 100 NMR CHEMICAL
SHIFTS IN ACRYL FLUORIDES
THE JOURNAL CHEMICAL PHYSICS V44 N2 PP499-508 15 JUL 1968
BY DEVAR M J S
KELMEN J
OAR ACCESS NO.....019691-014
DOC NUMBER.....A0680095
INSTR...AF-AFOSR-1050-67
PROJECT/TASK.....9762/01

AFOSR 68-1989
STANFORD UNIVERSITY
THE PSYCHOPHYSICS OF THE KINESTHETIC AFTEREFFECT IN THE
PETRIE BLOCK EXPERIMENT
PERCEPTION AND PSYCHOPHYSICS V4 N3 PP129-132 1968
BY HILGARD E R
MORGAN A H
PRYTULAK S
OAR ACCESS NO.....018470-010
DOC NUMBER.....A0677998
INSTR...AF-69/638/01436
PROJECT/TASK.....9774/01

AFOSR 68-1990
SHEFFIELD UNIVERSITY OF
CHOICE BETWEEN AUTOTROPHY AND METETROTROPHY IN PSEUDOMONAS
ORALATICUS UTILIZATION OF OXALATE BY CELLS AFTER
ADAPTATION FROM GROWTH ON FORMATE TO GROWTH ON OXALATE
BIOCHEMICAL JOURNAL V107 PP609-704 1968
BY BLACKMORE M A
QUAYLE J R
WALKER I O
OAR ACCESS NO.....007843-007
DOC NUMBER.....A0680084
INSTR...AF-EDAH -000R-84
PROJECT/TASK.....9777/01

AFOSR 68-1991
MAHMA UNIVERSITY OF
PRETECTAL REGION AND PHOTIC REFLEX /ITALIAN/
RIVISTA DI NEUROLOGIA V38 N2 MAR-APR 1968
BY CAVAGGIONI A
ZAMPOLLO A
OAR ACCESS NO.....018633-002
DOC NUMBER.....A0670947
INSTR...AF-EDAH -0007-67
PROJECT/TASK.....9777/01

AFOSR 68-1992
UNIVERSITY OF MARYLAND
CUBIC SPLINES ON THE REAL LINE
JOURNAL OF APPROXIMATION THEORY V1 N1 PP5-10 JUNE 1968
BY AMHERC J H
MILSON F N
WALSH J L
OAR ACCESS NO.....021730-012
DOC NUMBER.....A0677151
INSTR...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 68-1993
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
INTERIOR ELASTIC STRESS FIELD IN A CONTINUOUS CLOSE-PACKED
FILAMENTARY COMPOSITE MATERIAL UNDER UNIAXIAL TENSION
FIRE-STRENGTHENED METALLIC COMPOSITES N427 PP3-26 1967
BY PIFLER M R
OAR ACCESS NO.....006021-004
DOC NUMBER.....A0677872
INSTR...AF-49/638/01463
PROJECT/TASK.....9762/02

AFOSR 68-1997
JOHNS HOPKINS UNIVERSITY
ON A CLASS OF PERTURBATIONS OF THE HARMONIC OSCILLATOR
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY V19 N3
PP533-540 JUNE 1968
BY HANIMAN P
OAR ACCESS NO.....002404-002
DOC NUMBER.....A0677715
INSTR...F44620-67-C-0098
PROJECT/TASK.....9747/02

AFOSR 68-1998
CALIFORNIA INSTITUTE OF TECHNOLOGY
LUMINOUSITIES COLORS MOTIONS AND DISTRIBUTION OF FAINT BLUE
STARS
ASTROPHYSICAL JOURNAL SUPPL V16 N143 PP497-482 AUGUST 1968
BY GUGH D J
OAR ACCESS NO.....000581-036
DOC NUMBER.....A0677679
INSTR...AF-49/638/01323
PROJECT/TASK.....9774/01

AFOSR 68-1999
UNIVERSITY OF VIENNA
DETERMINATION OF TRALE ELEMENTS IN STONE METEORITES BY
ACTIVATION ANALYSIS KUPPMAN/
ZEITSCHRIFT FUR ANALYTISCHE CHEMIE V227 N1 PP13-22 1967
BY KIELS W
OAR ACCESS NO.....021440-001
DOC NUMBER.....A0677440
INSTR...AF-61/052/00448
PROJECT/TASK.....9774/01

AFOSR 68-2000
CHICAGO UNIVERSITY
COMMENTS ON THE EXPERIMENTAL AND THEORETICAL STUDY OF
TRANSPORT PHENOMENA IN SIMPLE LIQUIDS
SIMPLE DENSE FLUIDS ACADEMIC PRESS NEW YORK PP251-401 1968
BY KIELS W
OAR ACCESS NO.....015061-029
DOC NUMBER.....A0677148
INSTR...AF-AFOSR-0741-67
PROJECT/TASK.....9762/01

AFOSR 68-2001
UNIVERSITY OF CALIFORNIA
A LOWER BOUND FOR THE FIRST EIGENVALUE OF SECOND ORDER
ELLIPTIC OPERATORS
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY V19 N2
PP282-293 1968
BY PRCTER M H
OGAWA H
OAR ACCESS NO.....014680-016
DOC NUMBER.....A0677880
INSTR...AF-AFOSR-0883-64
PROJECT/TASK.....9749/02

AFOSR 68-2002
UNIVERSITY OF CALIFORNIA
A BOREL SET NOT CONTAINING A GMAPH
1988
THE ANNALS OF MATHEMATICAL STATISTICS V39 N4 PP1345-1347
BY BLACKWELL D
OAR ACCESS NO.....027870-004
DOC NUMBER.....A0677888
INSTR...AF-AFOSR-1312-67
PROJECT/TASK.....9749/02

AFOSR 68-2003
CASE WESTERN RESERVE UNIVERSITY
A LANGUAGE FOR PATTERN RECOGNITION
PATTERN RECOGNITION VI PP63-74 1968
BY BANERJI R H
OAR ACCESS NO.....012073-003
DOC NUMBER.....A0678800
INSTR...AF-AFOSR-0125-67
PROJECT/TASK.....9769/08

AFOSR 68-2004
CHICAGO UNIVERSITY
RADIATIONLESS TRANSITIONS AND MOLECULAR QUANTUM BEATS
THE JOURNAL CHEMICAL PHYSICS V48 N6 PP2757-2766 15 MAR 1968
BY JOHNSON J
HERNY R S
OAR ACCESS NO.....015061-032
DOC NUMBER.....A0677771
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-2005
UNIVERSITY OF CALIFORNIA
TUN-WAVE ECHOES
PHYSICAL REVIEW LETTERS V20 N7 PP318-321 12 FEB 1968
BY HAKER D R
AMERA A R
WONG A Y
OAR ACCESS NO.....020411-001
DOC NUMBER.....A0676786
INSTR...AF-AFOSR-0962-67
PROJECT/TASK.....9767/03

AFOSR 68-2006
UNIVERSITY OF CALIFORNIA
TECHNIQUES FOR THE OPTIMAL DESIGN AND SYNTHESIS OF
SWITCHING CIRCUITS
PROCEEDINGS OF THE IEEE V55 N11 PP1864-1877 NOVEMBER 1967
BY MACHTEL G D
WOMER R A
OAR ACCESS NO.....022750-001
DOC NUMBER.....A0676625
INSTR...AF-AFOSR-1219-67
PROJECT/TASK.....9769/01

AFOSR 68-2007
UNIVERSITY OF MICHIGAN
SODOLEY SPACES AND MULTIDIMENSIONAL LAGRANGE PROBLEMS OF
OPTIMIZATION
ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA CLASSE DI
SCIENZE V22 N2 PP193-227 1968
BY CESARI L
OAR ACCESS NO.....017920-006
DOC NUMBER.....A0676801
INSTR...AF-AFOSR-0942-65
PROJECT/TASK.....9749/02

AFOSR 68-2008
CALIFORNIA UNIVERSITY OF
RADIO INTERFEROMETRY USING A HAFS LINE OF 20 MILLION
WAVELENGTHS
ASTROPHYSICAL JOURNAL V153 PPL67-LAN JULY 1968
BY CLARK B G
KELLERMAN K I
HARR L C
COHEN M H
JAUNCEY D L
OAR ACCESS NO.....023110-005
DOC NUMBER.....A0677154
INSTR...AF-AFOSR-1260-68
PROJECT/TASK.....9767/02

AFOSR 68-2009
STANFORD UNIVERSITY
NLCENT RESEARCH ON THE MAGNETOSPHERIC PLASMAPAUSE
RADIO SCIENCE V3 N7 PP719-725 JUL 1968
BY CAMPENTR D L
OAR ACCESS NO.....000175-003
DOC NUMBER.....A0677177
INSTR...AF-AFOSR-0783-67
PROJECT/TASK.....9768/02

AFOSR 68-2010
OXFORD UNIVERSITY
RESEARCH REPORT ON TRANSPORT THEORY FOR MULTI-COMPONENT
PLASMA
BY KAHAN F
OAR ACCESS NO.....000104-002
DOC NUMBER.....A0677339
INSTR...AF-EDAH -0033-67
PROJECT/TASK.....9767/02

AFOSR 68-2011
TEXAS UNIVERSITY OF
PRIMARY PHOTOCHEMICAL PROCESSES IN SOME SIMPLE AROMATIC
MOLECULES
ZEITSCHRIFT FUR ELEKTROCHEMIE V72 N2 PP146-150 1968
BY NOYER W A JR
BURTON C S
DAR ACCESS NO.....015991-002
DOC NUMBER.....AD6777A8
INSTR...AF-AFOSR-0776-67
PROJECT/TASK.....9760/02

AFOSR 68-2012
HUGHES RESEARCH LABORATORIES
PHOTOPOLYMERIZATION STUDIES II IMAGING AND OPTICAL FIXING
PHOTOGRAPHIC SCIENCE AND ENGINEERING V12 N4 PP177-184 AUG
1968
BY MARQUEN J D
MILLER L J
RUST J B
DAR ACCESS NO.....014220-005
DOC NUMBER.....AD677700
INSTR...AF-AFOSR-0776-67
PROJECT/TASK.....9762/03

AFOSR 68-2013
UNIVERSITY OF CALIFORNIA
A NOTE ON THE STRETCH FUNCTION
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-14 N1 PP173-174
JANUARY 1968
BY TURING L
DAR ACCESS NO.....013152-002
DOC NUMBER.....AD677141
INSTR...AF-AFOSR-0230-66
PROJECT/TASK.....9749/01

AFOSR 68-2015
UNIVERSITY OF TEXAS
A NOTE ON THE OPERATORS ARISING IN SPLINE APPROXIMATION
JOURNAL OF APPROXIMATION THEORY V1 PP44-102 1968
BY CHENEY E W
SCHURER F
DAR ACCESS NO.....021521-001
DOC NUMBER.....AD677136
INSTR...AF-AFOSR-1109-67
PROJECT/TASK.....9749/01

AFOSR 68-2016
UNIVERSITY OF CALIFORNIA
SOME DECISION PROBLEMS ASSOCIATED WITH WEIGHTED DIRECTED
GRAPHS
J SIAM APPL MATH V14 N5 PP970-979 SEPTEMBER 1966
BY DEUEL O R
GILL A
DAR ACCESS NO.....019491-004
DOC NUMBER.....AD677139
INSTR...AF-AFOSR-0639-65
PROJECT/TASK.....9749/01

AFOSR 68-2017
UNIVERSITY OF CALIFORNIA
NOTE ON THE NUMBER OF FINITE ALGEBRAS
JOURNAL OF COMBINATORIAL THEORY V1 N3 PP395-397 NOVEMBER 19
BY HARARY F
DAR ACCESS NO.....019490-012
DOC NUMBER.....AD677644
INSTR...AF-AFOSR-0639-64
PROJECT/TASK.....9749/01

AFOSR 68-2019
UNIVERSITY OF CALIFORNIA
LOWER BOUNDS TO ERROR PROBABILITY FOR CODING ON DISCRETE
MEMORYLESS CHANNELS II
INFORMATION AND CONTROL V12 N5 PP522-552 MAY 1967
BY SHANNON C E
GALLAGER R G
BERLEKAMP E R
DAR ACCESS NO.....019491-009
DOC NUMBER.....AD680097
INSTR...AF-AFOSR-0639-65
PROJECT/TASK.....9749/01

AFOSR 68-2020
UNIVERSITY OF CALIFORNIA
ATOMIC PHYSICS AND MANY-PARTICLE INTERACTIONS
BY WATSON K W
DAR ACCESS NO.....004614-007
DOC NUMBER.....AD678181
INSTR...AF-AFOSR-0130-66
PROJECT/TASK.....9767/01

AFOSR 68-2021
UNIVERSITY OF SOUTHERN METHODIST
A NEW APPROACH TO STOCHASTIC CONTROL
PROCEEDINGS SECOND ANNUAL PRINCETON CONF ON INFORMATION
SCIENCES AND SYSTEMS PRINCETON N J 25-26 MAR 68 PP286-291
BY NORDAN D M
MELSA J L
DAR ACCESS NO.....024290-001
DOC NUMBER.....AD676601
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2022
UNIVERSITY OF SOUTHERN METHODIST UNIVERSITY
A STABILITY CRITERION FOR SYSTEMS WITH A SINGLE SLOPE
RESTRICTED MONOTONE NONLINEARITY
PROCEEDINGS ASILOMAR CONF ON SYSTEMS & CIRCUITS PACIFIC
GROVE CALIF 1-3 NOV 1967 PP632-637
BY SRINATH M D
THATHACHAR M A L
DAR ACCESS NO.....024290-002
DOC NUMBER.....AD676605
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2023
UNIVERSITY OF SOUTHERN CALIFORNIA
OPTIMIZATION OF INFORMATION-PROCESSING OPTICAL SYSTEMS BY
TRANSCORRELATION-FUNCTION MAXIMIZATION
JOURNAL OPTICAL SOCIETY AMERICA V68 N3 PP346-356 MAR 1968
BY MACMILLAN R S
YOUNG G O
DAR ACCESS NO.....012366-002
DOC NUMBER.....AD676720
INSTR...AF-AFOSR-0186-67
PROJECT/TASK.....9760/02

AFOSR 68-2024
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HIGH-TEMPERATURE THERMAL CONDUCTIVITY OF ARGON
PHYSICS OF FLUIDS V11 N6 PP983-984 MAY 1968
BY FAY J A
ARNOLDI O
DAR ACCESS NO.....001223-003
DOC NUMBER.....AD676612
INSTR...AF-AFOSR-01396
PROJECT/TASK.....9783/02

AFOSR 68-2025
UNIVERSITY OF SOUTHERN METHODIST
OPTIMAL NON-RESETTING DATA RECONSTRUCTION
IEEE CONFERENCE REGION III NEW ORLEANS LOUISIANA 22-24 APR
1968 PP13 4 1-13 4 6
BY NOTTORFF W W
MELSA J L
DAR ACCESS NO.....024290-003
DOC NUMBER.....AD676607
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2026
UNIVERSITY OF SOUTHERN METHODIST
APPROXIMATE SOLUTION ALGORITHMS FOR NONLINEAR FILTER
PROBLEMS
PROCEEDINGS SECOND ANNUAL PRINCETON CONF ON INFORMATION
SCIENCES AND SYSTEMS PRINCETON N J 25-26 MAR 68 PP323-327
BY SAGE A P
EWING W S
DAR ACCESS NO.....024290-004
DOC NUMBER.....AD676802
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2027
UNIVERSITY OF SOUTHERN METHODIST
LARGE AND SMALL SCALE SENSITIVITY ANALYSIS OF OPTIMUM
ESTIMATION ALGORITHMS
PROCEEDINGS 1968 JOINT AUTOMATIC CONTROL CONF ANN ARBOR
MICH 26-28 JUN 1968 PP977-986
BY GRIFFIN R E
SAGE A P
DAR ACCESS NO.....024290-005
DOC NUMBER.....AD676712
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2028
UNIVERSITY OF SOUTHERN METHODIST
DISCRETE ESTIMATION OF DIGITAL COMMUNICATION PROCESSES
IEEE CONFERENCE REGION III NEW ORLEANS LOUISIANA 22-24 APR
68 PP7 2 1-7 2 5
BY SAGE A P
DAR ACCESS NO.....024290-018
DOC NUMBER.....AD676713
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2029
UNIVERSITY OF SOUTHERN METHODIST
CORRELATION USING FAST FOURIER TRANSFORMS
IEEE CONFERENCE REGION III NEW ORLEANS LOUISIANA 22-24 APR
1968 PP18 2 1-18 2 5
BY GLISSON T L
SAGE A P
DAR ACCESS NO.....024290-006
DOC NUMBER.....AD676803
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2030
UNIVERSITY OF SOUTHERN METHODIST
DISCRETIZATION SCHEMES AND THE OPTIMAL CONTROL OF
DISTRIBUTED PARAMETER SYSTEMS
PROCEEDINGS ASILOMAR CONF ON SYSTEMS & CIRCUITS PACIFIC
GROVE CALIF 1-3 NOV 1967 PP191-200
BY SAGE A P
CHAUDHURI S P
DAR ACCESS NO.....024290-007
DOC NUMBER.....AD676804
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2031
UNIVERSITY OF SOUTHERN METHODIST
LINEAR FILTERING WITH CONSTRAINTS
PROCEEDINGS 1968 JOINT AUTOMATIC CONTROL CONFERENCE ANN
ARBOR MICH 26-28 JUN 1968 PP137-144
BY CULMEYER A J
GUPTA S C
DAR ACCESS NO.....024290-008
DOC NUMBER.....AD676714
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2032
UNIVERSITY OF TEXAS
OPTIMAL UNSUPERVISED LEARNING MULTICATEGORY DEPENDENT
HYPOTHESIS PATTERN RECOGNITION
IEEE TRANSACTIONS ON INFORMATION THEORY V17-14 N3 PP468-470
MAY 1968
BY HILBORN C G JR
LAINOTIS D G
DAR ACCESS NO.....015242-07J
DOC NUMBER.....AD676626
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-2033
UNIVERSITY OF TEXAS
NUMERICAL CLASSIFICATION FOR TAXONOMIC PROBLEMS
JOURNAL THEORETICAL BIOLOGY V20 PP260-270 1968
BY PLAKE R M
TURNER B L
DAR ACCESS NO.....015242-07A
DOC NUMBER.....AD676626
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-2035
UNIVERSITY OF TEXAS
RESONANCE SCATTERING AND THE DREFT MOTION OF ELECTRONS
THROUGH GASES
PHYSICAL REVIEW V172 N1 PP118-125 5 AUG 1968
BY FROMM WLD L
DAR ACCESS NO.....015242-07B
DOC NUMBER.....AD676626
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-2036
UNIVERSITY OF CALIFORNIA
ON THE CYCLE INDEX OF A PRODUCT OF PERMUTATION GROUPS
JOURNAL OF COMBINATORIAL THEORY V4 N3 PP277-299 APRIL 1968
BY HARRISON M A
HIGH R G
DAR ACCESS NO.....019491-010
DOC NUMBER.....AD676750
INSTR...AF-AFOSR-0630-65
PROJECT/TASK.....9749/01

AFOSR 68-2037
COLUMBIA UNIVERSITY
SUPERNOVA AND INTERSTELLAR GAS DYNAMICS
INTERNATIONAL CONFERENCE ON RADIO ASTRONOMY AND THE
GALACTIC SYSTEM INTERNATIONAL ASTRONOMICAL UNION SYMPOSIUM
#31 PP117-119 LEIDEN HOLLAND AUG 1968
BY KAHN P D
WOLTER L
DAR ACCESS NO.....019290-016
DOC NUMBER.....AD676720
INSTR...AF-AFOSR-0115A
PROJECT/TASK.....9749/01

AFOSR 68-2038
UNIVERSITY OF MINNESOTA
A CONNECTION BETWEEN CAPACITY AND CLARITY
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V73 N6
PP462-466 NOV 1967
BY LITTMAN B
DAR ACCESS NO.....017310-017
DOC NUMBER.....AD676623
INSTR...AF-AFOSR-0893-65
PROJECT/TASK.....9749/02

AFOSR 68-2039
JOHNS HOPKINS UNIVERSITY
ON THE SPECTRA OF BOUNDED HERMITIAN HANKEL MATRICES
AMERICAN JOURNAL OF MATHEMATICS V90 N2 PP627-656 APRIL 1968
BY CLARK D N
DAR ACCESS NO.....022404-001
DOC NUMBER.....AD676739
INSTR...F44620-67-C-0008
PROJECT/TASK.....9749/02

AFOSR 68-2040
UNIVERSITY OF MINNESOTA
ON VON KARMAN'S EQUATIONS AND THE BUCKLING OF A THIN ELASTIC
PLATE
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V72 N6
PP1006-1011 NOV 1966
BY BERGER M S
FIFE M
DAR ACCESS NO.....017310-018
DOC NUMBER.....AD676622
INSTR...AF-AFOSR-0893-65
PROJECT/TASK.....9749/02

AFOSR 68-2041
UNIVERSITY OF TEXAS
STUDIES OF THE EMISSION FROM INDIUM ANTIMONIDE
IEEE TRANSACTIONS ON ELECTRON DEVICES VED-15 N5 PP337-338
MAY 1968
BY PERRY D R
YOUNG R L
DOUGAL A A
DAR ACCESS NO.....015242-079
DOC NUMBER.....AD677450
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-2042
UNIVERSITY OF TEXAS
MINIMAL MULTIPLIED THRESHOLD GATE REALIZATIONS
IEEE TRANSACTIONS ON COMPUTERS VEC-17 N6 PP506-576 JUN 1968
BY HANGAINE J D JR
COATES C L
DAR ACCESS NO.....015242-080
DOC NUMBER.....AD677451
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-2043
TEXAS UNIVERSITY OF
MINIMUM-STATE REALIZATIONS OF LINEAR TIME-VARYING SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-13 N3 PP308-309
JUN 1968
BY ALHEITSON M D
HOWACK B P
DAR ACCESS NO.....015242-086
DOC NUMBER.....AD677751
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-2044
UNIVERSITY OF DELAWARE
THE POISSON TRANSFORM PROPERTIES AND APPLICATIONS
MIDWEST SYMPOSIUM ON CIRCUIT THEORY WITH UNIV OF NOTRE DAME
13-14 MAY 1968 PP258-267
BY FAHMAN F W
PIOVNDO M J
DAR ACCESS NO.....010893-007
DOC NUMBER.....AD677408
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9768/02

AFOSR 68-2045
SOUTHERN METHODIST UNIVERSITY
SENSITIVITY ANALYSIS OF DISCRETE FILTERING AND SMOOTHING
ALGORITHMS
AIAA GUIDANCE CONTROL AND FLIGHT DYNAMICS CONF PAPER NO
68-324 PASADENA CALIF 12-14 AUG 1968 PP1-10
BY GRIFFIN J L
SAGE A P
DAR ACCESS NO.....024290-011
DOC NUMBER.....AD677454
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2046
UNIVERSITY OF SOUTHERN METHODIST
INVARIANT ENCODING AND THE COMPUTATIONAL SOLUTION OF
OPTIMIZATION AND ESTIMATION PROBLEMS
1968 SWEEECO RECORD PP15C1-15C7 17 APR 1968
BY SAGE A P
DAR ACCESS NO.....024290-01P
DOC NUMBER.....AD677456
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2047
UNIVERSITY OF SOUTHERN METHODIST
APPLICATIONS OF A METHOD FOR ON LINE ESTIMATION AND CONTROL
1968 SWEEECO RECORD PP15J1-15D7 17 APR 1968
BY ELLIS T W
SAGE A P
DAR ACCESS NO.....024290-01J
DOC NUMBER.....AD677457
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2048
SOUTHERN METHODIST UNIVERSITY
OPTIMUM SAMPLING FOR MINIMUM ENERGY SAMPLED DATA FEEDBACK
CONTROL SYSTEMS
1968 SWEEECO RECORD PP19A1-19A5 17 APR 1968
BY SHEWER J E
GUPTA S C
DAR ACCESS NO.....024290-01A
DOC NUMBER.....AD677455
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2049
SOUTHERN METHODIST UNIVERSITY
AN ALGORITHM FOR THE ANALYSIS AND DESIGN OF LINEAR STATE
VARIABLE FEEDBACK SYSTEMS
PROCEEDINGS ASILOMAR CONF ON SYSTEMS & CIRCUITS PACIFIC
GROVE CALIF 1-3 NOV 1967 PP791-799
BY NELSA J L
DAR ACCESS NO.....024290-01S
DOC NUMBER.....AD677604
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2050
SOUTHERN METHODIST UNIVERSITY
DEVELOPMENT AND ANALYSIS OF MODELS FOR A MAP MATCHING
NAVIGATION SYSTEM
1968 IEEE NATIONAL TELECOMMUNICATIONS CONF RECORD HOUSTON TEXAS 8
APR 1968 PP173-174
BY SAGE A P
DAR ACCESS NO.....024290-01B
DOC NUMBER.....AD677571
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/01

AFOSR 68-2051
UNIVERSITY OF MINNESOTA
AN EXISTENCE THEOREM FOR THE VON KARMAN EQUATIONS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V27 N3
P-233-242 1967
BY KNIGHTLY G H
DAR ACCESS NO.....017310-024
DOC NUMBER.....AD677420
INSTR...AF-AFOSR-0893-65
PROJECT/TASK.....9749/02

AFOSR 68-2032
SPEECH COMMUNICATIONS RESEARCH LAB
THE RELATION OF DESCRIPTIVE PHONETICS TO RESEARCH IN SPEECH
COMMUNICATION
GLOSSA V2 N1 1968
BY PETERSON G C
OAR ACCESS NO.....004215-002
ODC NUMBER.....AD677178
INSTR...AF-AFOSR-1215-67
PROJECT/TASK.....9762/02

AFOSR 68-2044
YALE UNIVERSITY
NUONIU
PHYSICS TODAY V20 N12 PP29-40 DEC 1967
BY HUGHES V W
OAR ACCESS NO.....012315-011
ODC NUMBER.....AD677684
INSTR...AF-AFOSR-0549-67
PROJECT/TASK.....9767/02

AFOSR 68-2033
UNIVERSITY OF MINNESOTA
ON THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER
THEORY AN EXAMPLE
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V28 N3
BY SERRIN J
OAR ACCESS NO.....017311-004
ODC NUMBER.....AD677159
INSTR...AF-AFOSR-0893-67
PROJECT/TASK.....9749/02

AFOSR 68-2045
UNIVERSITY OF NEW YORK STATE
STABILITY OF LINEAR MULTIVARIABLE FEEDBACK SYSTEMS
PROCEEDINGS OF THE IEEE V50 N5 PP21-22 MAY 1968
BY CHEN C T
OAR ACCESS NO.....014701-005
ODC NUMBER.....AD677722
INSTR...AF-AFOSR-0542-67
PROJECT/TASK.....9749/01

AFOSR 68-2045
PRINCETON UNIVERSITY
ASYMPTOTIC APPROXIMATIONS FOR STELLAR PULSATIONS
ASTROPHYSICAL JOURNAL V151 H127-133 JULY 1968
BY TASSOUL M
TASSOUL J L
OAR ACCESS NO.....016500-031
ODC NUMBER.....AD677178
INSTR...AF-AFOSR-0155-67
PROJECT/TASK.....9076/03

AFOSR 68-2066
ARIZONA UNIVERSITY OF
ORGANOLITHIUM COMPOUNDS AND ACETYLENES IV SEQUENCE OF
ADDITION-METALATION IN THE REACTION OF ORGANOLITHIUM
COMPOUNDS WITH DIPHENYLACETYLENE
JOURNAL ORGANIC CHEMISTRY V33 N8 PP3286-3291 AUG 1968
BY MULVANEY J E
CARL L J
OAR ACCESS NO.....014890-008
ODC NUMBER.....AD677759
INSTR...AF-AFOSR-0720-68
PROJECT/TASK.....9762/02

AFOSR 68-2036
UNIVERSITY OF CALIFORNIA
ON THE DERIVATIVE OF A SEMIGROUP
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V74 N4
PP749-751 JULY 1968
BY PREFOHAN D A
OAR ACCESS NO.....027570-005
ODC NUMBER.....AD677138
INSTR...AF-AFOSR-1312-67
PROJECT/TASK.....9749/02

AFOSR 68-2067
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DYNAMICS OF ELECTRONS IN SOLIDS IN EXTERNAL FIELDS
THE PHYSICAL REVIEW V181 N3 PP686-695 15 APRIL 1968
BY ZAR J
OAR ACCESS NO.....007912-059
ODC NUMBER.....AD677609
INSTR...F44420-87-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-2037
UNIVERSITY OF CALIFORNIA
SYNTHESIS OF LINEAR SEQUENTIAL CIRCUITS FROM INPUT-OUTPUT
RELATIONS
SIAM J APPL MATH V16 N1 PP216-227 1968
BY GILL A
OAR ACCESS NO.....0149491-005
ODC NUMBER.....AD677140
INSTR...AF-AFOSR-0639-65
PROJECT/TASK.....9749/01

AFOSR 68-2068
UNIVERSITY OF NEW YORK STATE
UNIPOLARIZABILITIES OF MENUS HE AND LIPUS
THE PHYSICAL REVIEW V187 N1 PP1-6 5 MARCH 1968
BY GRASSO A M
CHUNG K Y
HUBST R P
OAR ACCESS NO.....013551-002
ODC NUMBER.....AD677499
INSTR...AF-AFOSR-0191-67
PROJECT/TASK.....9767/01

AFOSR 68-2058
UNIVERSITY OF ROCHESTER
SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS
PROCEEDINGS OF SYMPOSIUM ON MODERN OPTICS POLYTECHNIC INST
OF BROOKLYN 22-24 MAR 1967 V8 PP143-165
BY MANDE L
OAR ACCESS NO.....014030-009
ODC NUMBER.....AD677315
INSTR...AF-AFOSR-0978/01532
PROJECT/TASK.....9767/02

AFOSR 68-2069
OREGON STATE UNIVERSITY
THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES
TOWARD SULFONYL SULFUR THE NUCLEOPHILE-CATALYZED HYDROLYSIS
OF AMYL SULFONYL SULFONES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N15 PP4076-4081 17
JUL 1968
BY KICE J L
GUANALDI G
OAR ACCESS NO.....011821-013
ODC NUMBER.....AD677508
INSTR...AF-AFOSR-0106-65
PROJECT/TASK.....9762/03

AFOSR 68-2059
UNIVERSITY OF NEW YORK STATE
I SUM P - STABILITY OF LINEAR TIME-VARYING FEEDBACK SYSTEMS
SIAM J CONTROL V6 N2 PP180-193 1968
BY CHEN C T
OAR ACCESS NO.....014301-004
ODC NUMBER.....AD677174
INSTR...AF-AFOSR-0542-67
PROJECT/TASK.....9749/01

AFOSR 68-2070
UNIVERSITY OF ILLINOIS
ELECTRIC-FIELD-INDUCED OPTICAL ROTATION IN CHOLESTERIC
LIQUID CRYSTALS
PROCEEDINGS OF THE IEEE V56 N6 PP1113-1114 JUN 1968
BY DAY G W
GADDO D L
OAR ACCESS NO.....004714-001
ODC NUMBER.....AD677507
INSTR...AF-AFOSR-0390-67
PROJECT/TASK.....9767/02

AFOSR 68-2060
UNIVERSITY OF TENNESSEE
STIMULUS-DEPENDENT ANTAGONISM OF THE ALPHA-METHYLDOPAMINE-
INDUCED LUNGING OF MAINT. CATECHOLAMINES BY LEVIT
-AMPHETAMINE IN INTACT MICE
JOURNAL PHARMACY AND PHARMACOLOGY V19 PP481-483 1967
BY BELCH H L
BELCH A S
OAR ACCESS NO.....020931-005
ODC NUMBER.....AD677109
INSTR...AF-AFOSR-1227-67
PROJECT/TASK.....9777/01

AFOSR 68-2071
UNIVERSITY OF ILLINOIS
ELECTROOPTIC BEHAVIOR OF MONODISPENSE MONOTRINITRILE SOLS
PROCEEDINGS OF THE IEEE V56 N6 PP1140-1141 JUN 1968
BY UNLERNER R W
GADDO D L
OAR ACCESS NO.....004714-002
ODC NUMBER.....AD677508
INSTR...AF-AFOSR-0390-67
PROJECT/TASK.....9767/02

AFOSR 68-2061
MINNESOTA UNIVERSITY OF
BOUNDARY FOR THE FUNDAMENTAL SOLUTION OF A PARABOLIC EQUATION
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V73 N6
PP403-406 NOV 1967
BY ARONSON R G
OAR ACCESS NO.....017310-029
ODC NUMBER.....AD677760
INSTR...AF-AFOSR-0893-65
PROJECT/TASK.....9749/02

AFOSR 68-2072
COLUMBIA UNIVERSITY
THE NATURE OF PULSATING RADIO SOURCES
THE ASTROPHYSICAL JOURNAL V152 PP127-130 JUNE 1968
BY WILTJEN L
OAR ACCESS NO.....014290-017
ODC NUMBER.....AD677698
INSTR...AF-AFOSR-01358
PROJECT/TASK.....9774/01

AFOSR 68-2062
ATOMIC COLLISIONS LABORATORY
J STRUCTURE AND INNER-SHELL VACANCIES IN NEON-NEON AND
NEUTRON-NEUTRON COLLISIONS
PHYSICAL REVIEW LETTERS V21 N2 PP58-61 JUL 1968
BY MCCOUGHTY W P
KNYSTAUTAS J J
HAYDEN H C
LYNHART E
OAR ACCESS NO.....016640-009
ODC NUMBER.....AD677508
INSTR...AF-AFOSR-0901-65
PROJECT/TASK.....9767/02

AFOSR 68-2073
UNIVERSITY OF SYDNEY
DESIGN OF AN ARRAY TO RECORD AIR SHOWERS OF ENERGY UP TO 10
TO THE 21ST EV
CANADIAN JOURNAL OF PHYSICS V46 PP2529-2532 1968
BY HENWALEE R G
FISHER A J
GROHMVICH L
KLING P C
MCCUSKER C B A
OAR ACCESS NO.....005842-011
ODC NUMBER.....AD677138
INSTR...AF-AFOSR-0410-62
PROJECT/TASK.....9751/04

AFOSR 66-2074
COLUMBIA UNIVERSITY
PERPENDICULAR SHOCKS IN A MEDIUM CONTAINING COSMIC RAYS
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY V140 N2
PP285-286 1968
BY HUDSON P O
CAR ACCESS NO.....019240-018
DOC NUMBER.....AD677489
INSTN...AF-44/63/20135H
PROJECT/TASK.....9774/01

AFOSR 66-2075
UNIVERSITY OF ROCHESTER
SOME INEQUALITIES INVOLVING TRACES OF OPERATORS
J OF MATHEMATICAL PHYSICS V9 N5 PP693-697 MAY 1968
BY MEHTA C L
CAR ACCESS NO.....006484-006
DOC NUMBER.....AD677710
INSTN...AF-APF5H-1604-06
PROJECT/TASK.....9767/02

AFOSR 66-2076
GEORGIA INSTITUTE TECH
PROPERTIES OF MASS IDENTIFIED H⁺ AND H⁺ POSITIVE IONS IN
HYDROGEN
PHYSICAL REVIEW V171 N1 PP94-102 5 JULY 1968
BY ALBRITTON D L
WILLER T M
MARTIN D W
MCDANIEL E W
CAR ACCESS NO.....000043-001
DOC NUMBER.....AD677703
INSTN...AF-APF5H-1114-06
PROJECT/TASK.....9767/02

AFOSR 66-2077
STANFORD UNIVERSITY
KERR EFFECT IN POLYMER CHAINS
THE JOURNAL OF CHEMICAL PHYSICS V48 N4 PP1923-1926 15 APR
1968
BY FLODY P J
JEHNIGAN R L
CAR ACCESS NO.....010391-004
DOC NUMBER.....AD677312
INSTN...AF-44/63/201341
PROJECT/TASK.....9760/03

AFOSR 66-2078
UNIVERSITY OF CALIFORNIA
FULLY AUTOMATED NETWORK DESIGN BY DIGITAL COMPUTER
PRELIMINARY CONSIDERATIONS
PROCEEDINGS OF THE IEEE V55 N11 PP1220-1224 NOVEMBER 1967
BY MOHNER H A
CAR ACCESS NO.....022750-002
DOC NUMBER.....AD676764
INSTN...AF-APF5H-1214-07
PROJECT/TASK.....9767/01

AFOSR 66-2079
UNIVERSITY OF ILLINOIS
VELOCITY GRADIENTS AT THE WALL FOR FLOW AROUND A CYLINDER
FOR REYNOLDS NUMBERS BETWEEN 60 AND 360
JOURNAL OF FLUID MECHANICS V33 PT2 PP303-317 1967
BY DIMAKOPOULOS H G
HANNATTY T J
CAR ACCESS NO.....014513-004
DOC NUMBER.....AD676740
INSTN...AF-APF5H-0547-07
PROJECT/TASK.....9761/02

AFOSR 66-2080
UNITED AIRCRAFT CORP
MOLECULAR ORBITAL STUDIES OF THE GROUND AND LOW-LYING
EXCITED STATES OF THE HELIUM HYDROGEN MOLECULAR ION
JOURNAL OF CHEMICAL PHYSICS V46 N10 PP1938-1940 15 MAY 1966
BY MICHELS P H
CAR ACCESS NO.....010450-005
DOC NUMBER.....AD676730
INSTN...AF-49/63/201133
PROJECT/TASK.....9750/01

AFOSR 66-2081
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE THEORY OF ROTATING FLUIDS
CAMBRIDGE UNIVERSITY PRESS 32 EAST 57TH STREET NEW YORK NY
1968
BY GREENSPAN M H
CAR ACCESS NO.....003761-009
DOC NUMBER.....AD676758
INSTN...AF-APF5H-0492-04
PROJECT/TASK.....9747/01

AFOSR 66-2082
AVCO CORP
AN ION RESONANCE INSTABILITY IN GROSSLY NON-NEUTRAL PLASMAS
RESEARCH REPORT 302
BY LEVY M H
DAUGHERTY J O
HUNSMAN H
CAR ACCESS NO.....005241-006
DOC NUMBER.....AD676642
INSTN...AF-44/63/201503
PROJECT/TASK.....9752/01

AFOSR 66-2083
CASE WESTERN RESERVE UNIVERSITY
SOME RESULTS IN A THEORY OF PROBLEM SOLVING PART II
BY FANEHUI H J
CAR ACCESS NO.....012073-004
DOC NUMBER.....AD676241
INSTN...AF-APF5H-0124-07
PROJECT/TASK.....9760/05

AFOSR 66-2084
CASE WESTERN RESERVE UNIVERSITY
A MODEL OF CONCEPT LEARNING
BY SHEHMAN M H
CAR ACCESS NO.....012073-005
DOC NUMBER.....AD676244
INSTN...AF-APF5H-0125-07
PROJECT/TASK.....9760/05

AFOSR 66-2085
UNIVERSITY OF HAWAII
PROCEEDINGS OF THE HAWAII INTERNATIONAL CONFERENCE ON
SYSTEMS SCIENCES UNIVERSITY OF HAWAII HONOLULU HAWAII 29-31
JANUARY 1968 FINAL REPORT AUG 1968
BY KINARIWALA B K
KUD F F
CAR ACCESS NO.....024440-001
DOC NUMBER.....AD676185
INSTN...AF-APF5H-1427-06
PROJECT/TASK.....9749/01

AFOSR 66-2086
POLITECNICO DI TORINO
EFFECT OF THE REDUCTION OF THE WANDTL IN THE STAGNATION
REGION EAST AN ARISYMMETRIC BLUNT BODY IN HYPERSONIC FLOW
TECHNICAL NOTE 48
BY MUGGIA A
CAR ACCESS NO.....001133-008
DOC NUMBER.....AD676388
INSTN...AF-FOAN-0028-06
PROJECT/TASK.....9761/01

AFOSR 66-2087
UNIVERSIDAD NACIONAL DE TRUJILLO
THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF
ADAPTATION TO HIGH ALTITUDE FINAL REPORT SEPT 1968
BY MEDINA A
UTANO L
OLAVE G
CAR ACCESS NO.....022381-001
DOC NUMBER.....AD676388
INSTN...AF-APF5H-0868-07
PROJECT/TASK.....9777/01

AFOSR 66-2088
IIT RESEARCH INSTITUTE
ADVANCED OXIDIZER CHEMISTRY
IITRI-C6135-2
BY SULIMON I J
CAR ACCESS NO.....015411-002
DOC NUMBER.....AD676388
INSTN...AF-APF5H-0868-07
PROJECT/TASK.....9713/02

AFOSR 66-2089
UNIVERSITY OF CALIFORNIA
RADICAL CARBONIUM IONS CARBONIUM ION RADICALS AND OXY
RADICALS
BY TRAYLOR T G
CAR ACCESS NO.....014380-006
DOC NUMBER.....AD676653
INSTN...AF-APF5H-0514-04
PROJECT/TASK.....9762/02

AFOSR 66-2090
UNIVERSITY OF CALIFORNIA
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL
STATISTICS AND PROBABILITY VOLUME I THEORY OF STATISTICS
FINAL REPORT SEPT 1968
BY LECAM L
NEWMAN J
CAR ACCESS NO.....017570-001
DOC NUMBER.....AD676251
INSTN...AF-APF5H-0912-05
PROJECT/TASK.....9749/02

AFOSR 66-2091
UNIVERSITY OF CALIFORNIA
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL
STATISTICS AND PROBABILITY VOLUME II PART I PROBABILITY
THEORY FINAL REPORT SEPT 1968
BY LECAM L
NEWMAN J
CAR ACCESS NO.....017570-002
DOC NUMBER.....AD676251
INSTN...AF-APF5H-0912-05
PROJECT/TASK.....9749/02

AFOSR 66-2092
UNIVERSITY OF CALIFORNIA
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL
STATISTICS AND PROBABILITY VOLUME II PART II PROBABILITY
THEORY FINAL REPORT SEPT 1968
BY LECAM L
NEWMAN J
CAR ACCESS NO.....017570-003
DOC NUMBER.....AD676251
INSTN...AF-APF5H-0912-05
PROJECT/TASK.....9749/02

AFOSR 66-2093
UNIVERSITY OF CALIFORNIA
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL
STATISTICS AND PROBABILITY VOLUME III PHYSICAL SCIENCES AND
ENGINEERING FINAL REPORT SEPT 1968
BY LECAM L
NEWMAN J
CAR ACCESS NO.....017570-004
DOC NUMBER.....AD676254
INSTN...AF-APF5H-0912-05
PROJECT/TASK.....9749/02

AFOSR 68-2094
UNIVERSITY OF CALIFORNIA
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL
STATISTICS AND PROBABILITY VOLUME IV BIOLOGY AND PROBLEMS
OF HEALTH
BY LECAN L
NEWMAN J
DAR ACCESS NO.....017570-008
DDC NUMBER.....AD676255
INSTR...AF-AFOSR-0912-68
PROJECT/TASK.....9749/02

AFOSR 68-2095
UNIVERSITY OF CALIFORNIA
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL
STATISTICS AND PROBABILITY VOLUME V WEATHER MODIFICATION
EXPERIMENTS FINAL REPORT SEPT 1968
BY LECAN L
NEWMAN J
DAR ACCESS NO.....017570-008
DDC NUMBER.....AD676256
INSTR...AF-AFOSR-0912-68
PROJECT/TASK.....9749/02

AFOSR 68-2096
KANSAS STATE UNIVERSITY
PERFORMANCE AND LIFE SUPPORT IN ALTERED ENVIRONMENTS
BY NEVINS R G
DAR ACCESS NO.....024110-001
DDC NUMBER.....AD677679
INSTR...F44620-68-C-0020
PROJECT/TASK.....7921/08

AFOSR 68-2097
YISHIVA UNIVERSITY
STATISTICAL MECHANICS OF EQUILIBRIUM NON-EQUILIBRIUM AND
QUANTUM MANY-BODY PROCESSES FINAL REPORT DEC 1967
BY LEBOWITZ J L
DAR ACCESS NO.....005833-014
DDC NUMBER.....AD676600
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9767/01

AFOSR 68-2098
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE INFLUENCE OF OCULOMOTOR SYSTEMS ON VISUAL PERCEPTION
BY RICHARDS W A
DAR ACCESS NO.....027610-002
DDC NUMBER.....AD676703
INSTR...F44620-67-C-0085
PROJECT/TASK.....9778/01

AFOSR 68-2099
INSTITUTE FOR ADVANCED STUDY
ADVANCED MATHEMATICAL RESEARCH FINAL REPORT SEPT 1968
BY SELBERG A
DAR ACCESS NO.....000368-001
DDC NUMBER.....AD676999
INSTR...AF-AFOSR-0359-68
PROJECT/TASK.....9749/02

AFOSR 68-2100
GULF/GENERAL ATOMIC INC
ANGULAR DISTRIBUTIONS OF FAST SCATTERED PARTICLES RESULTING
FROM COLLISIONS OF 1 - TO 60 KEV NEUTRON GASES WITH METAL
SURFACES
BY LAYTON J K
SMITH J N JR
SALTSBURG M
DAR ACCESS NO.....000302-008
DDC NUMBER.....AD676701
INSTR...AF-49/638/01435
PROJECT/TASK.....9762/01

AFOSR 68-2101
UNITED AIRCRAFT CORP
CONFIGURATION-INTERACTION STUDY OF THE LINEAR TRI ATOMIC
HYDROGEN SYSTEM
JOURNAL OF CHEMICAL PHYSICS V48 N5 PP2371-2372 1 MAR 1968
BY NICHOLS M H
HARRIS F E
DAR ACCESS NO.....010450-004
DDC NUMBER.....AD676610
INSTR...AF-49/638/01133
PROJECT/TASK.....9750/01

AFOSR 68-2102
UNIVERSITY OF CALIFORNIA
A REMARK ON DETERMINING THE NUMBER OF STATES OF A
SEQUENTIAL MACHINE
IEEE TRANSACTIONS ON ELECTRONIC COMPUTERS VEC-16 N5
PP689-690 OCTOBER 1967
BY HARRISON M A
DAR ACCESS NO.....019491-006
DDC NUMBER.....AD676615
INSTR...AF-AFOSR-0639-68
PROJECT/TASK.....9749/01

AFOSR 68-2103
UNIVERSITY OF CALIFORNIA
MERUTAL - VENUS ICE SHEETS
SCIENCE V160 P1474 28 JUNE 1968
BY LIBBY W F
DAR ACCESS NO.....026070-005
DDC NUMBER.....AD676611
INSTR...AF-AFOSR-1255-67
PROJECT/TASK.....9760/02

AFOSR 68-2104
UNIVERSITY OF CALIFORNIA
ON THE EQUIVALENCE OF FINITE-STATE SEQUENTIAL MACHINE
MODELS
IEEE TRANSACTIONS ON ELECTRONIC COMPUTERS VEC-16 N1 PP88-90
FEBRUARY 1967
BY GUARRA O M
DAR ACCESS NO.....019491-007
DDC NUMBER.....AD676617
INSTR...AF-AFOSR-0639-68
PROJECT/TASK.....9749/01

AFOSR 68-2105
UNIVERSITY OF OREGON
THE ABSORPTION AND EMISSION OF IMPURITY LINES FROM HOT
COMPRESSED ARGON WITH A TRACE OF GRAPHITE POWDER
J QUANT SPECTR RADIATIVE TRANSFER V8 PP839-841 1968
BY CHEN S Y
HOLMES O A
TAREO M
DAR ACCESS NO.....018280-002
DDC NUMBER.....AD676729
INSTR...AF-49/638/01288
PROJECT/TASK.....9767/01

AFOSR 68-2106
UNIVERSITY OF MINNESOTA
UNIQUENESS OF POSITIVE SOLUTIONS OF PARABOLIC EQUATIONS
WITH UNBOUNDED COEFFICIENTS
COLLOQUIUM MATHEMATICUM V18 P129-135 1967
BY ANUNSON O G
BESALA P
DAR ACCESS NO.....017310-022
DDC NUMBER.....AD677161
INSTR...AF-AFOSR-0182-65
PROJECT/TASK.....9749/02

AFOSR 68-2107
CALIFORNIA INSTITUTE OF TECHNOLOGY
ANALYSIS OF SCATTERING DATA FOR MIXTURES OF
AMORPHOUS SOLIDS OF LIQUIDS
THE JOURNAL OF CHEMICAL PHYSICS V48 N7 PP3016-3018 1 APR 1968
BY PINGS C J
WASER J
DAR ACCESS NO.....014410-028
DDC NUMBER.....AD677334
INSTR...AF-49/638/01273
PROJECT/TASK.....9710/01

AFOSR 68-2108
COLORADO UNIVERSITY
LIFETIME OF THE FIRST EXCITED ATOMIC STATES OF RUBIDIUM 87
ATOM
THE PHYSICAL REVIEW V184 N1 PP44-48 5 DEC 1967
BY FEICHTNER J D
GALLAGHER J M
MIZUSHIMA M
DAR ACCESS NO.....019270-001
DDC NUMBER.....AD677295
INSTR...AF-AFOSR-0501-64
PROJECT/TASK.....9767/01

AFOSR 68-2109
UNIVERSITY OF CALIFORNIA
A NEW APPROACH TO LINEAR PURSUIT-EVASION PROBLEMS
JOINT AUTOMATIC CONTROL COUNCIL PITTSBURGH PENNSYLVANIA
1967
BY CHATTOPADHYAY R
DAR ACCESS NO.....019543-001
DDC NUMBER.....AD677295
INSTR...AF-AFOSR-0609-67
PROJECT/TASK.....9749/01

AFOSR 68-2110
UNIVERSITY OF TEXAS
RATES OF SOLVOLYSIS OF 2-CYCLOPHOPYLETHYL BROMOLATES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N16 PP4468-4469 31
JUL 1968
BY DEWAR M J S
HARRIS J M
DAR ACCESS NO.....019691-011
DDC NUMBER.....AD677137
INSTR...AF-AFOSR-1030-67
PROJECT/TASK.....9762/01

AFOSR 68-2111
UNIVERSITY OF MINNESOTA
ASYMPTOTIC BEHAVIOR OF VELOCITY PROFILES IN THE PRANDTL
BOUNDARY LAYER THEORY
PROCEEDINGS OF THE ROYAL SOCIETY LONDON V299 PP491-507 1967
BY SERENI J
DAR ACCESS NO.....017310-023
DDC NUMBER.....AD677160
INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02

AFOSR 68-2112
NEW YORK UNIVERSITY
DAVIDOV'S METHOD IN HILBERT SPACE
SIAM JOURNAL OF APPLIED MATHEMATICS V16 N4 PP606-609 JULY
1968
BY MORWITZ L B
SARACHIK P E
DAR ACCESS NO.....012982-002
DDC NUMBER.....AD677172
INSTR...AF-AFOSR-0747-66
PROJECT/TASK.....9749/01

AFOSR 68-2113
PRINCETON UNIVERSITY
BOUNDARY ERROR OF FLUATING-POINT DIGITAL FILTERS
BY KANEKO T
LIU B
DAR ACCESS NO.....023740-002
DDC NUMBER.....AD677323
INSTR...AF-AFOSR-1333-67
PROJECT/TASK.....9749/01

AFOSR 69-2114
JOHNS HOPKINS UNIVERSITY
CRYSTAL SPECTROSCOPY AT THE JOHNS HOPKINS UNIVERSITY
OPTICAL PROPERTIES OF IONS IN CRYSTALS H M CROSSWHITE H W
MOOS EDITORS INTERSCIENCE PUBL PP3-33 1967
BY CROSSWHITE H M
MOOS H W
OAR ACCESS NO.....008603-005
DOC NUMBER.....AD677142
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....9767/02

AFOSR 69-2115
UNIVERSITY OF CALIFORNIA
AN UPPER BOUND ON AVERAGE ESTIMATION ERROR IN NONLINEAR
SYSTEMS
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-14 N2 PP243-250
MAR 1968
BY SEIDMAN L P
OAR ACCESS NO.....008705-025
DOC NUMBER.....AD677142
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 69-2116
UNIVERSITY OF CALIFORNIA
CURRENT FLUORESCENCE FROM ZINC SULFIDE EXCITED BY
TWO-PHOTON ADSORPTION
APPLIED PHYSICS LETTERS V12 N5 PP193-195 1 MAR 1968
BY WANG S
CHANG C C
OAR ACCESS NO.....008706-004
DOC NUMBER.....AD677143
INSTR...AF-AFOSR-0139-67
PROJECT/TASK.....4751/00

AFOSR 69-2117
UNIVERSITY OF CALIFORNIA
SYNCHRONOUS DETECTION VS PULSE COUNTING FOR SENSITIVE
PHOTOMULTIPLIER DETECTION SYSTEMS
APPLIED OPTICS V7 N6 PP1073-1078 JUN 68
BY NAKAMURA J K
SCHWARTZ S A
OAR ACCESS NO.....008705-026
DOC NUMBER.....AD677144
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 69-2118
UNIVERSITY OF CALIFORNIA
USING ELECTRONIC CIRCUITS TO MODEL SIMPLE NEUROELECTRIC
INTERACTIONS
PROCEEDINGS OF THE IEEE V56 N6 PP931-949 JUN 1968
BY LEWIS C H
OAR ACCESS NO.....008706-006
DOC NUMBER.....AD677405
INSTR...AF-AFOSR-0139-67
PROJECT/TASK.....4751/00

AFOSR 69-2119
ISRAEL INSTITUTE OF TECHNOLOGY
DETERMINATION OF CARBON DIOXIDE LINE PARAMETERS USING A
CARBON DIOXIDE - NITROGEN-HELIUM LASER
JOURNAL OF OPTICAL SOCIETY OF AMERICA V68 N4 PP545-556 APR 1968
BY OPPENHEIM U P
DEVIR A D
OAR ACCESS NO.....010740-005
DOC NUMBER.....AD67721
INSTR...AF-AFOSR-0026-67
PROJECT/TASK.....9750/01

AFOSR 69-2120
UNIVERSITY OF CALIFORNIA
RESISTANCE CHANGES IN LIPID BILAYERS IMMUNOLOGICAL
APPLICATIONS
SCIENCE V190 PP1119-1121 7 JUN 1968
BY HANFORD P
ARQUILLA F H
VOELKELUT P H
OAR ACCESS NO.....008706-005
DOC NUMBER.....AD677619
INSTR...AF-AFOSR-0139-67
PROJECT/TASK.....4751/00

AFOSR 69-2121
UNIVERSITY OF CALIFORNIA
A THEOREM ON LINEARITY
IEEE TRANSACTIONS ON COMPUTERS VC-17 N4 PP270-272 MAR 1968
BY DOLY K
FRANK M
OAR ACCESS NO.....008705-027
DOC NUMBER.....AD676670
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 69-2122
UNIVERSITY OF CALIFORNIA
NUMERICAL SOLUTION OF DIPOLE RADIATION IN A COMPRESSIONAL
PLASMA
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION VAP-16 N2
PP235-241 MAR 1968
BY LIN S H
WEI K K
OAR ACCESS NO.....008705-028
DOC NUMBER.....AD677405
INSTR...AF-AFOSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 69-2124
PRINCETON UNIVERSITY
KONTSEVICH-DE VRIES EQUATION AND GENERALIZATIONS I A
NEWARKAMLA EXPLICIT NONLINEAR TRANSFORMATION
JOURNAL OF MATHEMATICAL PHYSICS V9 N4 PP1202-1204 AUGUST
1968
BY MIURA H M
OAR ACCESS NO.....016500-030
DOC NUMBER.....AD676732
INSTR...AF-AFOSR-0116-67
PROJECT/TASK.....9767/03

AFOSR 69-2125
UNIVERSITY OF MARYLAND
PLASMA IMPEDANCE ELEMENT IN AN ACTIVE FABRY-PEROT MICROWAVE
RESONATOR
APPLIED PHYSICS LETTERS V13 N3 PP96-98 1 AUG 1968
BY AJMEHA H C
LASHINSKY M
OAR ACCESS NO.....020781-003
DOC NUMBER.....AD676809
INSTR...AF-AFOSR-1016-67
PROJECT/TASK.....9763/02

AFOSR 69-2127
NEW YORK UNIVERSITY
EMAIL OF AN IONOSPHERIC SATELLITE I
ALAA JOURNAL VS N10 PP1401-1410 OCT 1967
BY PAN Y S
LAURIN R V
OAR ACCESS NO.....017130-003
DOC NUMBER.....AD676604
INSTR...AF-AFOSR-0810-65
PROJECT/TASK.....9781/02

AFOSR 69-2128
NEW YORK UNIVERSITY
VISCOUS HYPERSONIC FLOW PAST SLIGHTLY HOBLES AT INCIDENCE
AGARD CONF PROC N10 HYPERSONIC BOUNDARY LAYERS AND FLOW
FIELDS LONDON 1-3 MAY 1969 PP251-2513
BY LAURIN R V
OAR ACCESS NO.....017131-001
DOC NUMBER.....AD676600
INSTR...AF-AFOSR-0810-66
PROJECT/TASK.....9783/02

AFOSR 69-2129
UNIVERSITY OF SOUTHERN METHODIST
APPLICATION OF LINEAR GRAPH THEORY TO PRINTED CIRCUITS
PROCEEDINGS ASILOMAR CONFERENCE ON SYSTEMS & CIRCUITS
PACIFIC GROVE CALIF 1-3 NOV 1967 PP721-728
BY FU Y
OAR ACCESS NO.....024290-009
DOC NUMBER.....AD676711
INSTR...AF-AFOSR-0810-66
PROJECT/TASK.....7421/01

AFOSR 69-2130
UNIVERSITY OF OKLAHOMA
LIQUID DENSITY AND EXCESS VOLUME OF LIGHT HYDROCARBON
MIXTURES AT -185 DEGREES CENTIGRADE
TRANSACTIONS OF THE FARADAY SOCIETY V68 N549 HTV
PP2201-2220 SEP 1968
BY SHANA M Y
CANFIELD F D
OAR ACCESS NO.....020150-004
DOC NUMBER.....AD676737
INSTR...AF-AFOSR-1020-66
PROJECT/TASK.....9760/03

AFOSR 69-2131
UNIVERSITY OF MIAMI
CAUSALITY GROUPS OF S-MATRIX
NOUVO CIMENTO SER X V55B PP578-586 11 JUNE 1968
BY SANTILLI R M
OAR ACCESS NO.....014180-007
DOC NUMBER.....AD676737
INSTR...AF-AFOSR-0126-66
PROJECT/TASK.....9767/03

AFOSR 69-2132
CANTERBURY UNIVERSITY
SELECTION RULES AND THE DECOMPOSITION OF THE KNECKER
SQUARE OF IRREDUCIBLE REPRESENTATIONS
JOURNAL OF MATHEMATICAL PHYSICS V9 N12 PP2434-2440 DEC 1967
BY SMITH P R
WYBURNAL D G
OAR ACCESS NO.....027630-001
DOC NUMBER.....AD676627
INSTR...AF-AFOSR-1275-67
PROJECT/TASK.....9763/03

AFOSR 69-2134
UNIVERSITY OF MICHIGAN
COMBUSTION KINETICS OF TETRAFLUOROETHYLENE FINAL REPORT
JULY 1968
BY NATULA R A
OAR ACCESS NO.....019752-004
DOC NUMBER.....AD676680
INSTR...AF-AFOSR-1144-67
PROJECT/TASK.....9750/02

AFOSR 69-2135
UNIVERSITY OF CALIFORNIA
TIMELIKE CHARACTER OF GRAVITATIONAL FIELD ENERGY-MOMENTUM
II NOUVO CIMENTO V55B SER X PP593-598 11 JUNE 1968
BY DOLY K
OAR ACCESS NO.....005154-007
DOC NUMBER.....AD677000
INSTR...AF-AFOSR-0139-67
PROJECT/TASK.....9767/04

AFOSR 68-2136
MELLON INSTITUTE OF RESEARCH
ON THE STABILITY AGAINST SHEAR WAVES OF STEADY FLOWS OF
NON-LINEAR VISCOELASTIC FLUIDS
J FLUID MECH V33 PP165-181 1968
BY COLEMAN H D
GURTIN H E
OAR ACCESS NO.....015271-013
DDC NUMBER.....AD677604
INSTR...AF-AFOSR-9720-06
PROJECT/TASK.....4749/01

AFOSR 68-2137
MULL UNIVERSITY OF
REACTIONS OF METHANE IN SLOWLY REACTING HYDROGEN-OXYGEN
MIXTURES
SYMPOSIUM /INTERNATIONAL/ ON COMBUSTION 11TH BERKELEY CALIF
1A-20 AUG 1966 PP887-897 COMBUSTION INST PA 1967
BY BALDWIN H W
NORMIS A C
WALKER H W
OAR ACCESS NO.....001982-008
DDC NUMBER.....AD677603
INSTR...AF-FOAR-00J1-63
PROJECT/TASK.....4750/02

AFOSR 68-2138
CALIFORNIA INSTITUTE OF TECHNOLOGY
TWO K DWARFS WITH ENHANCED HANDS OF MOLECULAR CAMMON
THE ASTROPHYSICAL JOURNAL V153 N2 PP191-193 AUGUST 1968
BY GREENSTEIN J L
UINAS V
OAR ACCESS NO.....000582-003
DDC NUMBER.....AD677707
INSTR...AF-AFOSR-1401-08
PROJECT/TASK.....9774/01

AFOSR 68-2139
UNIVERSITY OF WASHINGTON
VIBRATIONAL ENERGY TRANSFER FROM A HOMOLOGOUS SERIES OF
CHEMICALLY ACTIVATED RADICALS
THE JOURNAL OF CHEMICAL PHYSICS V48 N11 PP1948-1950 1 JUNE
1968
BY TAYOR D C
PAVINOVITCH H S
OAR ACCESS NO.....020020-003
DDC NUMBER.....AD677621
INSTR...AF-49/03R/01033
PROJECT/TASK.....9760/02

AFOSR 68-2140
UNIVERSITY OF BRISTOL
CHEMISTRY OF THE METAL CAMMONYLS XLVII COMPLEXES OF DECAN
HCAFLUOROMETHANE
JOURNAL THE CHEMICAL SOCIETY SEC A PP1771-1775 1968
BY COOK D J
GREEN H
MAYNE N
STONE F G A
OAR ACCESS NO.....015380-012
DDC NUMBER.....AD677606
INSTR...AF-A1/052/00887
PROJECT/TASK.....9710/02

AFOSR 68-2141
UNIVERSITY OF BRISTOL
NEW ROUTES TO FLUOROCAMMON NICKEL COMPLEXES
CHEMICAL COMMUNICATIONS PP920-930 1968
BY BROWNING J
COOK D J
CUNDY C S
STONE F G A
OAR ACCESS NO.....015380-013
DDC NUMBER.....AD677719
INSTR...AF-01/052/00887
PROJECT/TASK.....9710/02

AFOSR 68-2142
MICHIGAN UNIVERSITY OF
EFFICIENT NUMERICAL ANALYSIS OF NONLINEAR CIRCUITS
PROCEEDINGS OF SIXTH ALLERTON CONFERENCE ON CIRCUITS AND
SYSTEMS UNIVERSITY OF ILLINOIS (OCTOBER 1968)
BY CALAHAN D A
OAR ACCESS NO.....020301-002
DDC NUMBER.....AD677764
INSTR...AF-AFOSR-1217-07
PROJECT/TASK.....9762/01

AFOSR 68-2143
WESTERN AUSTRALIA UNIVERSITY OF
NEW OR FLUORIDE PHASES OF THE RARE-EARTH METALS AND YTTRIUM
INORGANIC NUCLEAR CHEMICAL LETTERS V8 PP241-247 1968
BY REYAN D J W
MANN A B
CAMMON H S
OAR ACCESS NO.....016760-008
DDC NUMBER.....AD677757
INSTR...AF-AFOSR-JR13-05
PROJECT/TASK.....9760/01

AFOSR 68-2144
BOMONA COLLEGE
TECHNIQUES OF LOW ENERGY X-RAY AND ELECTRON PHYSICS SO TO
1000 EV REGION
PROCEEDINGS OF SECOND SYMPOSIUM ON LOW ENERGY & GAMMA
SOURCES & APPLICATIONS UNIV TEXAS AUSTIN TEX 27-29 MAR 1967
PP527-554
BY HANKE H L
OAR ACCESS NO.....002143-004
DDC NUMBER.....AD677637
INSTR...AF-AFOSR-0844-04
PROJECT/TASK.....9767/01

AFOSR 68-2145
UNIVERSITY OF MICHIGAN
EXISTENCE THEOREMS FOR MULTIDIMENSIONAL PROBLEMS OF
OPTIMAL CONTROL
DIFFERENTIAL EQUATIONS AND DYNAMICAL SYSTEMS ACADEMIC PRESS
NEW YORK PP119-132 1967
BY CESARI L
OAR ACCESS NO.....017920-007
DDC NUMBER.....AD677415
INSTR...AF-AFOSR-0942-05
PROJECT/TASK.....9749/02

AFOSR 68-2146
UNIVERSITY OF MICHIGAN
RESULTS AND PROBLEMS IN THE THEORY OF DISTRIBUTED PARAMETER
SYSTEMS
JOINT AUTOMATIC CONTROL CONFERENCE UNIVERSITY OF MICHIGAN
ANN ARBOR MICH 1968 PP121-1122
BY CESARI L
OAR ACCESS NO.....017920-008
DDC NUMBER.....AD677518
INSTR...AF-AFOSR-0942-05
PROJECT/TASK.....9749/02

AFOSR 68-2148
SMITHSONIAN INSTITUTION
ECOLOGICAL STUDY IN KOREA - PART I A COOPERATIVE PROGRAM
FOR ECOSYSTEM RESEARCH IN KOREA FINAL REPORT SEPT 1968
BY RUECHNER H K
TYSON E L
KIM K C
OAR ACCESS NO.....023270-002
DDC NUMBER.....AD677910
INSTR...FA4820-67-C-0013
PROJECT/TASK.....9777/01

AFOSR 68-2149
SMITHSONIAN INSTITUTION
ECOLOGICAL STUDY IN KOREA - PART II KOREAN CENTER FOR
ENVIRONMENTAL STUDIES FINAL REPORT JAN 1968
BY RUECHNER H K
OAR ACCESS NO.....023270-001
DDC NUMBER.....AD678660
INSTR...FA4820-67-C-0013
PROJECT/TASK.....9777/01

AFOSR 68-2150
MAX PLANCK INST VERHALTENSPHYSIOLOGIE
SMILICULAR CANAL AND UTILITY ORGAN FUNCTION IN FREE
SWIMMING FISH FINAL REPORT SEPT 1968
BY HOLAND H C
OAR ACCESS NO.....018730-002
DDC NUMBER.....AD678669
INSTR...AF-FOAR-0044-64
PROJECT/TASK.....9777/01

AFOSR 68-2151
TELETYPE INC
LASA DATA SERVICE FINAL REPORT MAY 1968
BY FRANKOWSKI D C
OAR ACCESS NO.....027770-001
DDC NUMBER.....AD678678
INSTR...FA4820-67-C-0075
PROJECT/TASK.....8652/00

AFOSR 68-2152
LITTLE ARTHUR D INC
DEVELOPMENT OF A THREE-AXIS LONG-PERIOD SEISMOGRAPH
BY SIMON I
OAR ACCESS NO.....023750-001
DDC NUMBER.....AD677009
INSTR...FA4820-67-C-0107
PROJECT/TASK.....9741/00

AFOSR 68-2153
INTER-UNIV SEMINAR ON ARM FORCE AND SIG INC
SOCIAL RESEARCH AND MILITARY MANAGEMENT FINAL REPORT OCT
1968
BY LITTLE H W
OAR ACCESS NO.....023640-001
DDC NUMBER.....AD678683
INSTR...AF-AFOSR-1338-67
PROJECT/TASK.....9779/01

AFOSR 68-2154
SHUFORD/MASSENGILL CORP
DECISION-THROWETIC PSYCHOMETRICS A LOGICAL ANALYSIS OF
GUESSING
BY MASSENGILL H E
SHUFORD E H JR
OAR ACCESS NO.....024210-001
DDC NUMBER.....AD677202
INSTR...AF-49/03R/01744
PROJECT/TASK.....9719/00

AFOSR 68-2155
SHUFORD/MASSENGILL CORP
DECISION-THROWETIC PSYCHOMETRICS THE EFFECT OF GUESSING ON
THE QUALITY OF PERSONNEL AND COUNSELING DECISIONS
BY SHUFORD E H
MASSENGILL H E
OAR ACCESS NO.....024210-002
DDC NUMBER.....AD677203
INSTR...AF-49/03R/01744
PROJECT/TASK.....9719/00

AFOSR 68-2156
SHUFORD/MASSENGILL CORP
DECISION-THEORETIC PSYCHOMETRICS THE WORTH OF
INDIVIDUALIZING INSTRUCTION
BY SHUFORD E H JR
MASSENGILL H E
DAR ACCESS NO.....022410-003
DOC NUMBER.....AD677204
INSTN...AF-49/638/01744
PROJECT/TASK.....9719/00

AFOSR 68-2157
SHUFORD/MASSENGILL CORP
WHAT PUPILS AND TEACHERS SHOULD KNOW ABOUT GUESSING
SNC R-7
BY MASSENGILL H E
SHUFORD E H JR
DAR ACCESS NO.....022410-004
DOC NUMBER.....AD677205
INSTN...AF-49/638/01744
PROJECT/TASK.....9719/00

AFOSR 68-2158
SHUFORD/MASSENGILL CORP
THE RELATIVE EFFECTIVENESS OF FIVE INSTRUCTIONAL STRATEGIES
SNC R-8
BY SHUFORD E H JR
MASSENGILL H E
DAR ACCESS NO.....022410-005
DOC NUMBER.....AD677206
INSTN...AF-49/638/01744
PROJECT/TASK.....9719/00

AFOSR 68-2159
SHUFORD/MASSENGILL CORP
HOW TO SHORTEN A TEST AND INCREASE ITS RELIABILITY AND
VALIDITY
SNC R-9
BY SHUFORD E H JR
DAR ACCESS NO.....022410-006
DOC NUMBER.....AD677207
INSTN...AF-49/638/01744
PROJECT/TASK.....9719/00

AFOSR 68-2161
SHUFORD/MASSENGILL CORP
A REPORT ON THE EFFECT OF DEGREE OF CONFIDENCE IN STUDENT
TESTING
SNC R-11
BY MASSENGILL H E
SHUFORD E H JR
DAR ACCESS NO.....022410-007
DOC NUMBER.....AD677208
INSTN...AF-49/638/01744
PROJECT/TASK.....9719/00

AFOSR 68-2162
SHUFORD/MASSENGILL CORP
AIRMAN QUALIFYING EXAMINATION-AS ADMINISTERED AS A
CONFIDENCE TEST
SNC R-12
BY SHUFORD E H
MASSENGILL H E JR
DAR ACCESS NO.....022410-008
DOC NUMBER.....AD677210
INSTN...AF-49/638/01744
PROJECT/TASK.....9719/00

AFOSR 68-2163
BROOKLYN POLYTECHNIC INSTITUTE OF
PROGRESS REPORT NO 33 TO THE JOINT SERVICES TECHNICAL
ADVISORY COMMITTEE
BY OLIVER A A
DAR ACCESS NO.....001685-052
DOC NUMBER.....AD6770135
INSTN...AF-49/638/01802
PROJECT/TASK.....4751/00

AFOSR 68-2164
UNIVERSITY OF MICHIGAN
SOCIAL PSYCHOLOGICAL RESEARCH IN DEVELOPING COUNTRIES
THE JOURNAL OF SOCIAL ISSUES V24 N2 PP1-244 APRIL 1968
SPECIAL ISSUE
BY OHLAMATEN J
HEFFNER R
CLIGNET R
KELMAN H
SMITH M D
DAR ACCESS NO.....019700-002
DOC NUMBER.....AD677321
INSTN...AF-AFOSR-0043-65
PROJECT/TASK.....9774/02

AFOSR 68-2166
HOUSTON STATE PSYCHIATRIC INSTITUTE
PERSONALITY CORRELATES OF CATECHOLAMINE SECRETION UNDER
STRESS
JOURNAL OF PSYCHOSOMATIC RESEARCH VII PP181-185 1967
BY RUESSLER M
HUNCH M W
HEFFERD R H JR
DAR ACCESS NO.....019650-001
DOC NUMBER.....AD677581
INSTN...AF-AFOSR-0727-65
PROJECT/TASK.....9778/01

AFOSR 68-2167
HOUSTON STATE PSYCHIATRIC INSTITUTE
HEART RATE RESPONSE TO SOUND AND LIGHT
BY RUESSLER M
COLLINS F
HUNCH M W
DAR ACCESS NO.....019650-002
DOC NUMBER.....AD677608
INSTN...AF-AFOSR-0727-65
PROJECT/TASK.....9778/01

AFOSR 68-2169
HAYLOW UNIVERSITY
PERSONALITY AND RESPIRATORY RESPONSES TO SOUND AND LIGHT
BY MCCOLLUM M
HUNCH M W
RUESSLER M
DAR ACCESS NO.....019650-004
DOC NUMBER.....AD677755
INSTN...AF-AFOSR-0727-65
PROJECT/TASK.....9778/01

AFOSR 68-2170
HOUSTON STATE PSYCHIATRIC INSTITUTE
STABILITY AND MAINTENANCE OF NONSPECIFIC GSRs
PERCEPTUAL AND MOTOR SKILLS V27 PP493-498 1968
BY KAISER C
RUESSLER M
DAR ACCESS NO.....019650-003
DOC NUMBER.....AD677582
INSTN...AF-AFOSR-0727-65
PROJECT/TASK.....9778/01

AFOSR 68-2171
HEBREW UNIVERSITY
RELATION BETWEEN ETHNIC ORIGIN AND GSR REACTIVITY IN
PSYCHOPHYSIOLOGICAL DETECTION
JOURNAL OF APPLIED PSYCHOLOGY V52 N2 PP158-162 1968
BY KUGELMASS S
LIECHTICH I
DAR ACCESS NO.....019650-003
DOC NUMBER.....AD677720
INSTN...AF-01/052/00039
PROJECT/TASK.....9778/01

AFOSR 68-2172
FLORIDA ATLANTIC UNIVERSITY
A PHOTOCLECTRIC SHOCK SCHAMMLER
REPAIR MES MATH AND INSTNU VI P20 1964
BY ADAMSON R
MCNAIL L
DAR ACCESS NO.....021900-002
DOC NUMBER.....AD677610
INSTN...AF-AFOSR-1161-66
PROJECT/TASK.....9778/01

AFOSR 68-2173
INST OF INVESTIGATION DE CIENCIAS
FINE STRUCTURE OF MEIOTIC CHROMOSOMES
BY SOTELLO J H
DAR ACCESS NO.....022920-001
DOC NUMBER.....AD677887
INSTN...AF-AFOSR-1224-67
PROJECT/TASK.....9777/01

AFOSR 68-2174
UNIVERSITY OF CAMBRIDGE
THE CONTROL OF CIRCADIAN ACTIVITY IN COCKROACHES
BY HARKER J E
DAR ACCESS NO.....018481-001
DOC NUMBER.....AD677609
INSTN...AF-EDAR-0019-65
PROJECT/TASK.....9777/01

AFOSR 68-2175
AMERICAN INSTITUTE BIOLOGICAL
PROCEEDINGS OF THE SUMMER RESEARCH CONFERENCE /2ND/
KEYJAVIR ISLAND 25 THRU 26 JUNE 1967 PPI-108 FINAL
REPORT JUNE 1967
BY OLIVE J H
HANNANSSON S
DAR ACCESS NO.....027750-001
DOC NUMBER.....AD677317
INSTN...AF-AFOSR-1293-67
PROJECT/TASK.....9777/02

AFOSR 68-2176
GENERAL ELECTRIC CO
GAS CHROMATOGRAPHY FOR DETECTION OF VIRAL INFECTIONS
SCIENCE V190 PP309-311 14 APRIL 1968
BY MITURA R M
ALEXANDER M
DAR ACCESS NO.....019631-005
DOC NUMBER.....AD677742
INSTN...AF-49/638/01737
PROJECT/TASK.....9777/01

AFOSR 68-2177
GENERAL ELECTRIC CO
RAPID AND SENSITIVE DETECTION OF BACTERIA BY GAS
CHROMATOGRAPHY
APPLIED MICROBIOLOGY V16 N4 PP636-640 APRIL 1968
BY MITURA R M
ALEXANDER M
DAR ACCESS NO.....019631-003
DOC NUMBER.....AD677615
INSTN...AF-49/638/01737
PROJECT/TASK.....9777/01

AFOSR 68-2178
GENERAL ELECTRIC CO
GAS CHROMATOGRAPHIC DETECTION OF IN VIVO ACTIVITY OF EQUINE
INFECTIONS ANAEMIA VIRUS
APPLIED MICROBIOLOGY V17 N7 PP1093-1094 JULY 1968
BY MITURA R M
NIMCROSS M L
ALEXANDER M
DAR ACCESS NO.....019631-004
DOC NUMBER.....AD677614
INSTN...AF-49/638/01737
PROJECT/TASK.....9777/01

AFOSR 68-2179
GENERAL ELECTRIC CO
DIFFERENTIATION OF STREPTOMYCES STRAINS BY GAS
CHROMATOGRAPHY
ANTONIE VAN LEEUWENHOEK JOURNAL OF MICROBIOLOGY AND
SEROLOGY V36 PP159-164 1968
BY MENIS V
ALEXANDER M
OAR ACCESS NO.....019630-006
DOC NUMBER.....AD67767
INSTR...AF-49/638/0148
PROJECT/TASK.....4777/01

AFOSR 68-2180
GENERAL ELECTRIC CO
RESEARCH PROGRAMS FOR ALERTING DETECTION AND IDENTIFICATION
OF PATHOGENS
BY GULD J R
GILBERT R A
SMITH J F
MITRUKA D M
ALEXANDER M
OAR ACCESS NO.....019631-006
DOC NUMBER.....AD67802
INSTR...AF-49/638/01737
PROJECT/TASK.....9777/01

AFOSR 68-2181
INSTITUTE FOR ADVANCED STUDY
SPECIAL PROGRAM IN MATHEMATICAL ANALYSIS
BY REURLING A
OAR ACCESS NO.....021610-067
DOC NUMBER.....AD678201
INSTR...AF-AFOSR-1071-66
PROJECT/TASK.....9749/02

AFOSR 68-2182
TEMPERATURE UNIFORMITY
DISTRIBUTION OF PRODUCT AND QUOTIENT OF BESSEL FUNCTION
VARIATES
BY KOTZ S
SHIVASAN R
OAR ACCESS NO.....024182-003
DOC NUMBER.....AD67728R
INSTR...AF-AFOSR-1421-68
PROJECT/TASK.....9769/02

AFOSR 68-2183
UNIVERSITY OF CALIFORNIA
BEING LUT USLS AND AROSES OF ETHNIC IDENTIFICATION
CENTER FOR SOUTHEAST ASIA STUDIES REPRINT NO 274
BY MOERMAN M
OAR ACCESS NO.....024183-001
DOC NUMBER.....AD677145
INSTR...AF-AFOSR-1167-66
PROJECT/TASK.....9720/01

AFOSR 68-2184
UNIVERSITY OF CALIFORNIA
PLASMA DYNAMICS AND INTERACTION WITH HIGH FREQUENCY FIELDS
FINAL REPORT APRIL 1968
BY MACKENZIE K R
OAR ACCESS NO.....014381-002
DOC NUMBER.....AD677286
INSTR...AF-AFOSR-0567-66
PROJECT/TASK.....9767/03

AFOSR 68-2185
CANNES/MELLON UNIVERSITY
AN EFFICIENT CONTEXT-FREE PARSING ALGORITHM
BY EARLEY J
OAR ACCESS NO.....022901-002
DOC NUMBER.....AD677685
INSTR...F44620-67-C-0056
PROJECT/TASK.....9718/00

AFOSR 68-2186
NORTH CAROLINA STATE UNIVERSITY
THE DETERMINATION OF THE STRESS INTENSITY FACTORS OF A
PAIR OF COPLANAR GRIFFITH CRACKS WHOSE SURFACES ARE LOADED
ASYMMETRICALLY
BY TWEED J
OAR ACCESS NO.....011593-012
DOC NUMBER.....AD64008J
INSTR...AF-AFOSR-0448-66
PROJECT/TASK.....9769/01

AFOSR 68-2187
MICHIGAN STATE UNIVERSITY
STRUCTURE OF EVENTS AND AUTOMATA
SCIENTIFIC REPORT NO 3
BY REYNOLDS M G
KILMEY W L
OAR ACCESS NO.....021311-002
DOC NUMBER.....AD677241
INSTR...AF-AFOSR-1023-67
PROJECT/TASK.....9769/04

AFOSR 68-2188
NEW YORK UNIVERSITY
MODELS FOR ANALYZING INFORMATION AND COMMAND SYSTEMS
FINAL REPORT OCT 1968
BY HOMER E J
OAR ACCESS NO.....019282-003
DOC NUMBER.....AD677335
INSTR...AF-AFOSR-0621-66
PROJECT/TASK.....9749/01

AFOSR 68-2192
POLITECNICO DI TORINO
RESEARCHES ON RAREFIED GASDYNAMICS HYPERSONIC PLWC NOTATING
STALL FINAL REPORT JULY 1968
BY PFRARI C
OAR ACCESS NO.....001133-008
DOC NUMBER.....AD67716R
INSTR...AF-EGAR -0028-66
PROJECT/TASK.....9781/01

AFOSR 68-2193
UNIVERSITY OF SOUTHERN CALIFORNIA
CONSOLIDATED SEMIANNUAL PROGRESS REPORT
OAR ACCESS NO.....014493-008
DOC NUMBER.....AD677146
INSTR...AF-AFOSR-0496-67
PROJECT/TASK.....4751/00

AFOSR 68-2194
NORTH CAROLINA UNIVERSITY OF
RELATIVITY AND COSMOLOGY W R SAUNDERS CU PHILADELPHIA 1968
BY ROBERTSON H P
NOONAN T W
OAR ACCESS NO.....016320-001
DOC NUMBER.....AD678054
INSTR...AF-AFOSR-0761-68
PROJECT/TASK.....9751/03

AFOSR 68-2196
UNIVERSITY OF ILLINOIS
ELECTROHYDRODYNAMIC SPRAYING OF GALLIUM-INDIUM ALLOY
CPRL-2-67
BY SHATIK D S
OAR ACCESS NO.....013242-006
DOC NUMBER.....AD677292
INSTR...AF-AFOSR-0107-66
PROJECT/TASK.....9752/01

AFOSR 68-2198
UNIVERSITY OF NEW YORK STATE
FUNCTIONAL ANALYSIS OF INFORMATION RETRIEVAL FINAL
REPORT AUG 1968
BY FAIRTHORNE R A
OAR ACCESS NO.....014863-001
DOC NUMBER.....AD677289
INSTR...AF-AFOSR-1421-68
PROJECT/TASK.....9769/02

AFOSR 68-2199
UNIVERSITY OF CALIFORNIA
FLAMES KINETICS AND SPECTROSCOPY
BY BAYES K D
OAR ACCESS NO.....009881-003
DOC NUMBER.....AD677337
INSTR...AF-AFOSR-0687-64
PROJECT/TASK.....9760/02

AFOSR 68-2200
UNIVERSITY COLLEGE OF NORTH WALES
SUB-MILLIMETRE WAVE GENERATION AND SPECTROSCOPY FINAL
REPORT JUNE 1968
BY SHEKIDAN J
OAR ACCESS NO.....016960-003
DOC NUMBER.....AD677338
INSTR...AF-EGAR -0090-68
PROJECT/TASK.....9767/01

AFOSR 68-2202
UNIVERSITY METHODIST SOUTHERN
AUTOMATIC NAVIGATION
BY SAGE A P
OAR ACCESS NO.....024290-010
DOC NUMBER.....AD677304
INSTR...F44620-68-C-0023
PROJECT/TASK.....7921/00

AFOSR 68-2203
UNIVERSITY OF STOCKHOLM
ADAPTATION TO MUSCULAR EFFORT
UNIVERSITY OF STOCKHOLM PSYCHOLOGICAL LABORATORIES REPORT
NUMBER 223
BY HOSMAN J
OAR ACCESS NO.....003843-002
DOC NUMBER.....AD619098
INSTR...AF-G1/052/00878
PROJECT/TASK.....9778/01

AFOSR 68-2204
UNIVERSITY OF STOCKHOLM
A FURTHER STUDY OF THE TEMPORAL INTEGRATION OF LOUDNESS
BY HERGLUND B
BERGLUND U
OAR ACCESS NO.....003843-003
DOC NUMBER.....AD635530
INSTR...AF-G1/052/00878
PROJECT/TASK.....9778/01

AFOSR 68-2205
UNIVERSITY OF STOCKHOLM
PSYCHOPHYSICAL RELATIONS IN ADAPTATION PROCESSES FINAL
REPORT AUG 1968
BY EKMAN G
OAR ACCESS NO.....003843-001
DOC NUMBER.....AD677341
INSTR...AF-G1/052/00878
PROJECT/TASK.....9778/01

AFOSR 68-2206
NEW MEXICO INSTITUTE MINING AND TECH
ARTIFICIAL STIMULATION OF EARTHQUAKES
BY HANSON M E
OAR ACCESS NO.....023760-001
DOC NUMBER.....AD677301
INSTR...AF-6820-67-C-0113
PROJECT/TASK.....9742/00

AFOSR 68-2207
NEW YORK UNIVERSITY
SOLID PHASE REACTIONS IN SOLID PROPELLANT IGNITION AND
COMBUSTION FINAL REPORT OCT 1968
BY DAUERMAN L
OAR ACCESS NO.....021990-002
DOC NUMBER.....AD685512
INSTR...AF-AFOSR-1106-66
PROJECT/TASK.....9713/01

AFOSR 68-2208
NEW YORK ACADEMY OF SCIENCES
EXPERIENCE AND CAPACITY VOL 4 OF A SERIES PROCEEDINGS OF
THE FOURTH INTERNATIONAL INTERDISCIPLINARY CONFERENCE ON
LEARNING REMEMBERING AND FORGETTING PACIFIC PALISADES
BY KIMBLE D P
OAR ACCESS NO.....022851-001
DOC NUMBER.....AD681246
INSTR...AF-6804-67-C-0154
PROJECT/TASK.....9769/04

AFOSR 68-2209
BROWN UNIVERSITY
THEORY OF DYNAMICAL SYSTEMS REPRESENTED BY DIFFERENTIAL
EQUATIONS AND ALGEBRAIC STRUCTURES
BY WEISS L
OAR ACCESS NO.....023860-001
DOC NUMBER.....AD677290
INSTR...AF-AFOSR-1346-68
PROJECT/TASK.....9749/01

AFOSR 68-2210
UNIVERSITY OF MINNESOTA
PROTONATION IN ACETONITRILE OF WATER ALCOHOLS AND DIETHYL
ETHER
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N13 PP3320-3326 19
JUNE 1968
BY KOLTHOFF I M
CHANDONI M K JR
OAR ACCESS NO.....022320-004
DOC NUMBER.....AD677498
INSTR...AF-AFOSR-1223-67
PROJECT/TASK.....9710/03

AFOSR 68-2211
PRINCETON UNIVERSITY
STEREODISMERISM IN HENGGOSTATRIENOL
CHEMICAL COMMUNICATIONS PP657-658 1968
BY CRAIG P
MISLOW K
OAR ACCESS NO.....022000-016
DOC NUMBER.....AD677522
INSTR...AF-AFOSR-1168-67
PROJECT/TASK.....9762/01

AFOSR 68-2212
HARVARD UNIVERSITY
FREE MASSLESS FIELDS AS INFINITE-DIMENSIONAL
REPRESENTATIONS OF THE LORENTZ GROUP
PHYSICAL REVIEW V168 N5 PP1809-1816 25 APR 1968
BY BENDER C H
OAR ACCESS NO.....004861-061
DOC NUMBER.....AD677484
INSTR...AF-49/638/01380
PROJECT/TASK.....9747/04

AFOSR 68-2213
UNIVERSITY OF CALIFORNIA
INVESTIGATION OF THE RHC BOOTSTRAP AND THE DETERMINANTAL
APPROXIMATION
PHYSICAL REVIEW V168 N5 PP1692-1697 25 APRIL 1968
BY ATKINSON D
ONG K M
OAR ACCESS NO.....005135-001
DOC NUMBER.....AD677648
INSTR...AF-AFOSR-1471-68
PROJECT/TASK.....9767/04

AFOSR 68-2214
HARVARD UNIVERSITY
MOMENT METHOD APPROXIMATION FOR THE VISCOSITY OF SIMPLE
LIQUIDS APPLICATION TO ARGON
PHYSICAL REVIEW V170 N1 PP140-143 5 JUN 1968
BY MARTIN P C
FORSTER D
YIP S
OAR ACCESS NO.....004861-062
DOC NUMBER.....AD677483
INSTR...AF-49/638/01380
PROJECT/TASK.....9767/04

AFOSR 68-2215
UNIVERSITY OF CALIFORNIA
PERTURBATIVE APPROACH TO SUPERCONVERGENCE RELATIONS AND
CURRENT ALGEBRA
PHYSICAL REVIEW V168 N5 PP1728-1730 25 APRIL 1968
BY BAKDAKCI K
MALPERN M B
SEGHE G
OAR ACCESS NO.....005134-029
DOC NUMBER.....AD677671
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9767/04

AFOSR 68-2216
UNIVERSITY OF CALIFORNIA
EXISTENCE OF SOLUTIONS OF CROSSING-SYMMETRIC N/D EQUATIONS
JOURNAL OF MATHEMATICAL PHYSICS V8 N11 PP2261-2296
NOVEMBER 1967
BY ATKINSON D
OAR ACCESS NO.....005134-030
DOC NUMBER.....AD677687
INSTR...AF-AFOSR-0238-66
PROJECT/TASK.....9767/04

AFOSR 68-2217
UNIVERSITY OF CALIFORNIA
RELATIONS BETWEEN PARTIALLY CONSERVED AXIAL-VECTOR CURRENT
AXIAL-VECTOR CHARGE COMMUTATION RELATIONS AND CONSPIRACY
THEORY
PHYSICAL REVIEW V168 N5 PP1884-1893 25 APR 1968
BY MANDELSTAM S
OAR ACCESS NO.....005134-031
DOC NUMBER.....AD677672
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9767/04

AFOSR 68-2218
FLORIDA STATE UNIVERSITY
DIRECT REACTION ANALYSIS OF THE MUON-NUCLEON /PROTON ALPHA/
BETAYLUM-EIGHT REACTION
NUOVO CIMENTO V59D SERX PP443-450 JULY 1968
BY WARSH K L
EDWARDS S
OAR ACCESS NO.....016110-001
DOC NUMBER.....AD677611
INSTR...AF-AFOSR-0440-62
PROJECT/TASK.....9751/02

AFOSR 68-2219
GULF/GENERAL ATOMIC INC
RECENT STUDIES OF MOLECULAR BEAM SCATTERING FROM
CONTINUOUSLY DEPOSITED GOLD FILMS
RAHEFIED GAS DYNAMICS 5TH SYMP V2 C L RHUNDIN ED UNIV OF
OXFORD JUL 1966 PP491-504 NEW YORK ACADEMIC PRESS 1967
BY SMITH J N
SALTSBURG M
OAR ACCESS NO.....000301-003
DOC NUMBER.....AD677701
INSTR...AF-49/638/01192
PROJECT/TASK.....9783/01

AFOSR 68-2220
GULF/GENERAL ATOMIC INC
MOLECULAR-BEAM SCATTERING FROM THE /111/ PLANE OF SILVER
JOURNAL CHEMICAL PHYSICS V45 N6 PP2175-2183 15 SEP 1966
BY SALTSBURG M
SMITH J N JR
OAR ACCESS NO.....000302-009
DOC NUMBER.....AD677469
INSTR...AF-49/638/01435
PROJECT/TASK.....9783/01

AFOSR 68-2221
MARJAND UNIVERSITY
MOMENTS OF THE MOMENTUM DENSITY CORRELATION FUNCTIONS IN
SIMPLE LIQUIDS
PHYSICAL REVIEW V170 N1 PP155-159 5 JUN 68
BY FORSTER D
MARTIN P
YIP S
OAR ACCESS NO.....004861-063
DOC NUMBER.....AD677482
INSTR...AF-49/638/01380
PROJECT/TASK.....9767/04

AFOSR 68-2222
STANFORD UNIVERSITY
FINITE IONIZATION RATE EFFECTS OVER ELECTRODES IN MHD
CHANNELS
AIAA JOURNAL V6 N4 PP732-743 APR 1968
BY OLIVER D A
MITCHNER M
OAR ACCESS NO.....020770-007
DOC NUMBER.....AD677480
INSTR...AF-49/638/01695
PROJECT/TASK.....9752/01

AFOSR 68-2223
GULF/GENERAL ATOMIC INC
ATOMIC-BEAM SCATTERING FROM EPITAXIALLY GROWN GOLD FILMS
JOURNAL CHEMICAL PHYSICS V40 N12 PP3585-3591 15 JUN 1964
BY SMITH J N JR
SALTSBURG M
OAR ACCESS NO.....000301-004
DOC NUMBER.....AD677468
INSTR...AF-49/638/01192
PROJECT/TASK.....9783/01

AFOSR 68-2224
PENNSYLVANIA STATE UNIVERSITY
AN APPLICATION OF STRAIN-GRADIENT THEORY TO NONHOMOGENEOUS
MATERIALS
FIBRE SCIENCE AND TECHNOLOGY V1 PP11-17 1968
BY JAUNZENIS M
OAR ACCESS NO.....005204-003
DOC NUMBER.....AD677471
INSTR...AF-49/638/01425
PROJECT/TASK.....9782/01

AFOSR 68-2225
UNIVERSITY OF TEXAS
AN OPTIMUM DECISION-DIRECTED SCHEME FOR GAUSSIAN MIXTURES
IEEE TRANSACTION ON INFORMATION THEORY VIT-14 N3 PP351-361
MAY 1968
BY GREGG M D
HANCOCK J C
OAR ACCESS NO.....015242-081
DOC NUMBER.....AD677539
INSTR...AF-AFOSR-0768-67
PROJECT/TASK.....9751/00

AFOSR 68-2226
NORTHWESTERN UNIVERSITY
COMMENTS ON FURTHER APPLICATIONS OF THE THEORY OF PARTICLE
CONDENSING
SCRIPTA METALLURGICA V2 PP153-154 1968
BY COHEN J H
FINE M F
DAR ACCESS NO.....011070-009
DOC NUMBER.....AD677396
INSTR.....AF-AFOSR-0327-63
PROJECT/TASK.....9767/01

AFOSR 68-2227
UNIVERSITY OF MINNESOTA
THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION
IN HIGHER DIMENSIONS
J REINE ANGEW MATH V224 PP170-187 1968
BY JENKINS H
SEHRIN J
DAR ACCESS NO.....017310-025
DOC NUMBER.....AD677577
INSTR.....AF-AFOSR-0863-65
PROJECT/TASK.....9749/02

AFOSR 68-2228
INSTITUTE FOR ADVANCED STUDY
INTERPOLATION OF THE DIRICHLET DIVISOR PROBLEM
ACTA ARITHMETICA V13 PP151-168 1967
BY DIAMOND H G
DAR ACCESS NO.....021610-005
DOC NUMBER.....AD677500
INSTR.....AF-AFOSR-1071-66
PROJECT/TASK.....9749/02

AFOSR 68-2229
UNIVERSITY OF ROCHESTER
FURTHER EXPERIMENTS ON INTERFERENCE OF INDEPENDENT PHOTON
BEAMS AT LOW LIGHT LEVELS
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA V58 N7 PP946-950
JULY 1968
BY DUFFEON W L
MANDEL L
DAR ACCESS NO.....018030-010
DOC NUMBER.....AD677430
INSTR.....AF-AFOSR-01532
PROJECT/TASK.....9767/02

AFOSR 68-2231
UNIVERSITY OF MINNESOTA
ON THE REMOVABLE SINGULAR SETS FOR SOLUTIONS OF ELLIPTIC
EQUATIONS
AMERICAN JOURNAL OF MATHEMATICS V90 N1 PP197-213 JANUARY
1968
BY MARCUS M
DAR ACCESS NO.....017310-025
DOC NUMBER.....AD677417
INSTR.....AF-AFOSR-0863-65
PROJECT/TASK.....9769/02

AFOSR 68-2232
SOUTHERN METHODIST UNIVERSITY OF
OPTIMUM SYSTEMS CONTROL
PHEENICE HALL INC ENGLEWOOD CLIFFS NEW JERSEY 1968
BY SAGE A P
DAR ACCESS NO.....024290-017
DOC NUMBER.....AD678055
INSTR.....F44620-68-C-0023
PROJECT/TASK.....9721/01

AFOSR 68-2233
PRINCETON UNIVERSITY
DIRECT CONFIGURATIONAL CORRELATION OF SULFOXIDES AND
PHOSPHINE OXIDES BY INTERSYSTEM MATCHING OF COTTON EFFECTS
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N15 PP4176-4178 17
JULY 1968
BY SAYA F D
WAYNE D H
MISLOW K
DAR ACCESS NO.....022000-018
DOC NUMBER.....AD677169
INSTR.....AF-AFOSR-1144-67
PROJECT/TASK.....9762/01

AFOSR 68-2234
PRINCETON UNIVERSITY
OPTICAL RHEOLOGY AND OPTICAL ROTATORY POWER OF
DEHYDRINOLCAMPHOR
JOURNAL ORGANIC CHEMISTRY V33 N7 PP2924-2926 JULY 1968
BY ANDMAN D J
MISLOW K
DAR ACCESS NO.....022000-015
DOC NUMBER.....AD677150
INSTR.....AF-AFOSR-1144-67
PROJECT/TASK.....9762/01

AFOSR 68-2235
PRINCETON UNIVERSITY
A NOVEL SYNTHESIS OF 2 3-SECO-A-NOR-5 ALPHA-CHOLESTAN-2
3-DIOL
JOURNAL ORGANIC CHEMISTRY V33 N7 PP2926-2927 JULY 1968
BY GUST D
JORDHUS J
MISLOW K
DAR ACCESS NO.....022000-017
DOC NUMBER.....AD677705
INSTR.....AF-AFOSR-1144-67
PROJECT/TASK.....9762/01

AFOSR 68-2236
DUKE UNIVERSITY
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF
DIOXYADENOSINE MONOPHOSPHATE
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V60 N2
PP450-455 JUNE 1968
BY LICHTER J J
GUNDY W
DAR ACCESS NO.....000274-020
DOC NUMBER.....AD677804
INSTR.....AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 68-2239
GEORGE WASHINGTON UNIVERSITY
PROBABILITY DENSITIES WITH GIVEN MARGINALS
THE ANNALS OF MATHEMATICAL STATISTICS V30 N4 PP1236-1243
1968
BY KULLBACK S
DAR ACCESS NO.....018120-007
DOC NUMBER.....AD677414
INSTR.....AF-AFOSR-0938-65
PROJECT/TASK.....9749/02

AFOSR 68-2240
UNIVERSITY OF MINNESOTA
VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE III THE
DIRICHLET PROBLEM WITH INFINITE DATA
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V29 N4
PP304-372 1968
BY JENKINS H
SEHRIN J
DAR ACCESS NO.....017311-005
DOC NUMBER.....AD677422
INSTR.....AF-AFOSR-0863-67
PROJECT/TASK.....9769/02

AFOSR 68-2241
NORTHWESTERN UNIVERSITY
DYNAMICS OF SUBMERGED REINFORCED CYLINDRICAL SHELLS
JOURNAL ENGINEERING MECHANICS DIVISION AMERICAN SOCIETY OF
CHEMICAL ENGINEERS V94 NEM2 PP397-420 APR 1968
BY LYONS W C
HUSSELL J F
MEHRMANN G
DAR ACCESS NO.....012243-006
DOC NUMBER.....AD671159
INSTR.....AF-AFOSR-0100-65
PROJECT/TASK.....9782/01

AFOSR 68-2242
UNIVERSITY OF ILLINOIS
A FOURIER SERIES METHOD FOR METAMORPHIC AND ENTIRE
FUNCTIONS
BULLETIN DE LA SOCIETE MATHEMATIQUE DE FRANCE V96 PP53-66
1968
BY MOBEL L A
TAYLOR H A
DAR ACCESS NO.....014020-013
DOC NUMBER.....AD677404
INSTR.....AF-AFOSR-0460-63
PROJECT/TASK.....9749/02

AFOSR 68-2243
UNIVERSITY OF NEW YORK STATE
ELECTRIC RELAXATION IN ISOMETRIC OCTYL ALCOHOLS
THE JOURNAL CHEMICAL PHYSICS V48 N5 PP1918-1923 1 MAR 1968
BY DANHAUSEN W
DAR ACCESS NO.....007681-006
DOC NUMBER.....AD677173
INSTR.....AF-AFOSR-0271-63
PROJECT/TASK.....9760/03

AFOSR 68-2244
SYRACUSE UNIVERSITY
DERIVATIVES OF POLYNOMIALS WITH POSITIVE COEFFICIENTS
JOURNAL OF APPROXIMATION THEORY V1 N1 PP1-4 JUNE 1968
BY LORENTZ G G
DAR ACCESS NO.....003303-010
DOC NUMBER.....AD677329
INSTR.....AF-AFOSR-01401
PROJECT/TASK.....9760/01

AFOSR 68-2245
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SPATIAL REMAPPING IN THE PRIMATE VISUAL SYSTEM
KYBERNETIK V6 N4 PP146-158 APRIL 1968
BY RICHARDS W
DAR ACCESS NO.....027610-001
DOC NUMBER.....AD677574
INSTR.....F44620-67-C-0085
PROJECT/TASK.....9778/01

AFOSR 68-2246
UNIVERSITY OF CALIFORNIA
PRINCIPAL SUBMATRICES V SOME RESULTS CONCERNING PRINCIPAL
SUBMATRICES OF ARBITRARY MATRICES
JOURNAL OF RESEARCH OF THE NATIONAL BUREAU OF STANDARDS
-M MATHEMATICAL SCIENCES V72 N2 PP115-125 APRIL-JUNE 1968
BY THOMPSON N C
DAR ACCESS NO.....014531-011
DOC NUMBER.....AD677675
INSTR.....AF-AFOSR-0048-67
PROJECT/TASK.....9749/01

AFOSR 68-2247
JOHNS HOPKINS UNIVERSITY
INTRA-ATOMIC MAGNETIC INTERACTIONS FOR FOURTH SHELL ELECTRON
THE PHYSICAL REVIEW V169 N1 PP130-138 5 MAY 1968
BY JORD H J
CHOSSEVITE M H
CHOSSEVITE M
DAR ACCESS NO.....004603-006
DOC NUMBER.....AD677605
INSTR.....AF-AFOSR-01407
PROJECT/TASK.....9767/02

AFOSR 68-2248
UNIVERSITY OF SYDNEY
THE STRUCTURE OF NONNAL SHOCK WAVES IN A BINARY GAS MIXTURE
JOURNAL OF FLUID MECHANICS V31 PT4 PP667-681 1968
BY BIRD G A
OAR ACCESS NO.....000854-002
DOC NUMBER.....A0677618
INSTR...AF-APDSM-0915-66
PROJECT/TASK.....9767/02

AFOSR 68-2249
DUKE UNIVERSITY
HYDROGEN-ADDITION RADICALS FORMED IN THE AROMATIC RINGS
OF AMINO ACIDS POLYAMINO ACIDS AND PROTEINS
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V60 N3
PP794-801 JULY 1968
BY LIVING F G JR
GURDY W
OAR ACCESS NO.....000274-021
DOC NUMBER.....A0677644
INSTR...AF-APDSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 68-2250
UNIVERSITY COLLEGE
ION CONVERSION IN AN ARGON AFTERGLOW
BRITISH JOURNAL OF APPLIED PHYSICS V1 N2 PP889-893 FEB 1968
BY CRONIN J C
SEXTON M C
OAR ACCESS NO.....012298-002
DOC NUMBER.....A0677712
INSTR...AF-EDAH-0032-67
PROJECT/TASK.....9767/03

AFOSR 68-2251
UNIVERSITY OF CALIFORNIA
APPROXIMATE SOLUTIONS TO LANGMUIR EQUATIONS
JOURNAL OF APPLIED PHYSICS V38 N2 PP849-850 FEB 1967
BY SPODACK A C
ZIEN L
OAR ACCESS NO.....000705-029
DOC NUMBER.....A0677501
INSTR...AF-APDSR-0139-66
PROJECT/TASK.....4751/00

AFOSR 68-2253
UNIVERSITY OF NEVADA
WKB CALCULATION OF VIBRATIONAL TRANSITION PROBABILITIES IN
MOLECULAR COLLISIONS
THE JOURNAL OF CHEMICAL PHYSICS V45 N6 PP3644-3651 15 APR
1968
BY SHIN H K
OAR ACCESS NO.....023030-006
DOC NUMBER.....A0677632
INSTR...AF-APDSR-1354-68
PROJECT/TASK.....9760/02

AFOSR 68-2255
NORTHWESTERN UNIVERSITY
WAVEC IN A SEMI-INFINITE PLATE IN SMOOTH CONTACT WITH A
HARMONICALLY DISTURBED HALF-SPACE
INTERNATIONAL JOURNAL OF SOLIDS STRUCTURES V4 PP605-621 1968
BY FREUND L O
ACHENBACH J D
OAR ACCESS NO.....012245-003
DOC NUMBER.....A0677626
INSTR...AF-APDSM-0100-67
PROJECT/TASK.....9782/01

AFOSR 68-2257
UNIVERSITY OF THESSALONIKI
A CLASSIFICATION OF ORBITS THROUGH A SUD ONE IN THE
RESTRICTED THREE-BODY PROBLEM
ASTRONOMICAL JOURNAL V73 N2 PT1 PP104-110 MARCH 1968
BY HADJIDEMETRIU J D
OAR ACCESS NO.....027720-002
DOC NUMBER.....A0677470
INSTR...AF-01/052/00952
PROJECT/TASK.....9749/01

AFOSR 68-2258
THESSALONIKI UNIVERSITY OF
CHARACTERISTICS OF INVARIANT CURVES OF PLANE ORBITS
ASTRONOMICAL JOURNAL V73 N2 PT1 PP104-110 MARCH 1968
BY CUNTPOULOS G
HADJIDEMETRIU J D
OAR ACCESS NO.....022200-003
DOC NUMBER.....A0677477
INSTR...AF-01/052/00952
PROJECT/TASK.....9749/01

AFOSR 68-2259
YESHIVA UNIVERSITY
FUNCTIONAL INDEPENDENCE OF THETA CONSTANTS
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V74 N4
PP633-638 JULY 1968
BY RAUCH M E
OAR ACCESS NO.....020940-007
DOC NUMBER.....A0677503
INSTR...AF-APDSR-1077-66
PROJECT/TASK.....9749/02

AFOSR 68-2260
BROWN UNIVERSITY
STRUCTURALLY STABLE SYSTEMS ON OPEN MANIFOLDS ARE NEVER
DENSE
ANNALS OF MATHEMATICS V87 N3 PP423-430 MAY 1968
BY PETKOTO M M
PUGH C C
OAR ACCESS NO.....019593-008
DOC NUMBER.....A0674982
INSTR...AF-APDSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 68-2261
STANFORD UNIVERSITY
A SIMPLE EXAMPLE OF AN EXPLICIT NONLINEAR WKB PREDICTION
IIFE TRANSACTIONS ON INFORMATION THEORY V17-14 N4 P660
JULY 1968
BY KAILATH T
OAR ACCESS NO.....017368-013
DOC NUMBER.....A0677647
INSTR...AF-49/038/01517
PROJECT/TASK.....9749/01

AFOSR 68-2262
PRINCETON UNIVERSITY
ANGULAR DEPENDENCE OF SCATTERING AT HIGH ENERGIES
PHYSICAL REVIEW V167 N5 PP1437-1441 25 MAR 68
BY TIKTOPoulos G
TRIEMAN S B
OAR ACCESS NO.....005123-023
DOC NUMBER.....A0677481
INSTR...AF-49/038/01545
PROJECT/TASK.....9767/04

AFOSR 68-2263
PRINCETON UNIVERSITY
POSSIBLE MEASUREMENT OF THE NUCLEON AXIAL-VECTOR FORM
FACTOR IN TWO-PION ELECTROPRODUCTION EXPERIMENTS
PHYSICAL REVIEW V169 N5 PP1348-1397 25 MAY 1968
BY ADLER S L
WEISBERGER M I
OAR ACCESS NO.....005123-024
DOC NUMBER.....A0677628
INSTR...AF-49/038/01545
PROJECT/TASK.....9767/04

AFOSR 68-2264
SOUTHWEST CENTER FOR ADVANCED STUDIES
GLOBAL EXISTENCE OF SPIN STRUCTURES FOR GRAVITATIONAL
FIELDS
JOURNAL OF MATHEMATICAL PHYSICS V9 N6 PP813-815 JUNE 1968
BY RICHTER K
OAR ACCESS NO.....017251-001
DOC NUMBER.....A0677702
INSTR...AF-APDSR-0903-67
PROJECT/TASK.....9767/04

AFOSR 68-2265
PRINCETON UNIVERSITY
HIGH-ENERGY WOUNDS FOR PRODUCTION REACTIONS
PHYSICAL REVIEW V167 N5 PP1408-1411 25 MAR 1968
BY TIKTOPoulos G
TRIEMAN S B
OAR ACCESS NO.....005123-025
DOC NUMBER.....A0677627
INSTR...AF-49/038/01545
PROJECT/TASK.....9767/04

AFOSR 68-2266
UNIVERSITY OF MASSACHUSETTS
VOLTAMMETRIC AND SPECTRAL STUDIES ON ZIRCONIUM IN CHLORIDE
MEDIA IN ACETONITRILE
JOURNAL OF INORGANIC NUCLEAR CHEMISTRY V30 PP1791-1798 1968
BY OLIVER J W
DESSETTE R R
OAR ACCESS NO.....015311-001
DOC NUMBER.....A0677532
INSTR...AF-APDSR-0777-67
PROJECT/TASK.....9710/03

AFOSR 68-2267
UNIVERSITY OF NEW YORK STATE
OLEFINIC STUDY OF INTERMOLECULAR ASSOCIATION IN ISOMETRIC
OCTYL ALCOHOLS
THE JOURNAL OF CHEMICAL PHYSICS V48 N5 PP1911-1917 1 MAR 1968
BY DANNHAUSER W
OAR ACCESS NO.....007481-007
DOC NUMBER.....A0677422
INSTR...AF-APDSR-0271-63
PROJECT/TASK.....7760/03

AFOSR 68-2268
OXFORD UNIVERSITY
MICROWAVE EMISSION FROM INDIUM-NICKEL ANTIMONIDE EUTECTIC
PROCEEDINGS OF THE IEEE VOL56 N3 P344 MARCH 1968
BY EVANS A G R
WALSH D
OAR ACCESS NO.....000104-003
DOC NUMBER.....A0677678
INSTR...AF-EDAH-0031-67
PROJECT/TASK.....9767/02

AFOSR 68-2269
CALIFORNIA INSTITUTE OF TECHNOLOGY
NARROW- AND BROAD-BAND PHOTOMETRY OF RED STARS II DWAHS
ASTROPHYSICAL JOURNAL SUPPL V16 N142 P749-98 AUGUST 1968
BY EGGEN O J
OAR ACCESS NO.....000581-037
DOC NUMBER.....A0677488
INSTR...AF-49/038/01323
PROJECT/TASK.....9749/01

AFOSR 68-2270
UNIVERSITY OF FLORIDA
A O-C MULTISENSE BRIDGE FOR DIFFERENTIAL CAPACITY MEASUREMENTS
JOURNAL OF THE ELECTROCHEMICAL SOCIETY V115 N10 PP1033-1038
OCT 1968
BY SCHMID G M
OAR ACCESS NO.....020127-001
DOC NUMBER.....A0677613
INSTR...AF-APDSR-1034-66
PROJECT/TASK.....9760/03

AFOSR 68-2271
NEVADA UNIVERSITY OF
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF
ETHYLENEDIAMINE-PALLADIUM /11/ JUN
JOURNAL INORGANIC NUCLEAR CHEMISTRY V30 PP1071-1073 1968
HY MACDONALD D J
CAR ACCESS NO.....029050-004
DOC NUMBER.....A0677783
INST.....AF-AFOSR-0994-68
PROJECT/TASK.....9710/02

AFOSR 68-2272
TEXAS A&M UNIVERSITY
EXTENSION OF THE CONTINUUM-DISTORTION METHOD IN RELATIVISTIC
THREE-PARTICLE SCATTERING
THE PHYSICAL REVIEW V171 AS PP1627-1633 25 JULY 1968
UY MCCANTON G D
RUTTALL J
CAR ACCESS NO.....017451-003
DOC NUMBER.....A0677842
INST.....AF-AFOSR-0914-67
PROJECT/TASK.....9751/02

AFOSR 68-2273
CALIFORNIA STATE COLLEGE
OFF-ENERGY-SHELL T-MATRIX ELEMENTS FOR LOCAL POTENTIALS
CONTAINING HARD CORES
PHYSICAL REVIEW V171 N4 PP1196-1201 20 JUL 1968
UY LAUGHLIN P
SCOTT B L
CAR ACCESS NO.....027400-001
DOC NUMBER.....A0677526
INST.....AF-AFOSR-1247-67
PROJECT/TASK.....9751/02

AFOSR 68-2274
PRINCETON UNIVERSITY
ON SYSTEMS WITH UNKNOWN OR UNCERTAIN PARAMETERS
UY THOMAS J H
CAR ACCESS NO.....023740-003
DOC NUMBER.....A0677826
INST.....AF-AFOSR-1333-67
PROJECT/TASK.....9749/01

AFOSR 68-2275
NEW YORK UNIVERSITY
STRENGTH OF CAUSTICS
THE JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA V43 AS
PP1174-1180 MAY 1968
UY LUDWIG D
CAR ACCESS NO.....010330-004
DOC NUMBER.....A0677745
INST.....AF-AFOSR-0537-67
PROJECT/TASK.....9749/02

AFOSR 68-2276
UNIVERSITY OF CALIFORNIA
ON A COMBINATORIAL RESULT OF R A BRUALDI AND M NEWMAN
THE CANADIAN JOURNAL OF MATHEMATICS V20 PP1056-1067
UY MARCUS M
PIERCE S
CAR ACCESS NO.....014931-012
DOC NUMBER.....A0677676
INST.....AF-AFOSR-0669-67
PROJECT/TASK.....9749/01

AFOSR 68-2277
GEORGE WASHINGTON UNIVERSITY
MINIMUM DISCRIMINATION INFORMATION ESTIMATION
METRICS V24 N3 PP207-211 SEPTEMBER 1968
UY IRELAND C T
KULLBACK S
CAR ACCESS NO.....014121-002
DOC NUMBER.....A0677703
INST.....AF-AFOSR-1513-68
PROJECT/TASK.....9749/02

AFOSR 68-2278
UNIVERSITY OF CALIFORNIA
THE USE OF STOCHASTIC APPROXIMATION TO SOLVE THE SYSTEM
IDENTIFICATION PROBLEM
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 N5 PP513-567
OCT 1967
UY SAMMON D J
CAR ACCESS NO.....004705-032
DOC NUMBER.....A0677673
INST.....AF-AFOSR-0139-66
PROJECT/TASK.....9751/00

AFOSR 68-2279
INSTITUTE FOR ADVANCED STUDY
BACKWARD COMPTON SCATTERING SUM RULE AND THE PHOTON YIELDS
TWO GAMMA RAY-ZERO YIELDS TWO GAMMA DECAY RATES
THE PHYSICAL REVIEW V170 N5 PP1110-1122 25 MAY 1968
UY CHANDRASEKHAR S H
RAJARAMAN R
CAR ACCESS NO.....007738-005
DOC NUMBER.....A0677706
INST.....AF-AFOSR-1305-68
PROJECT/TASK.....9767/04

AFOSR 68-2280
UNIVERSITY OF CALIFORNIA
COMMON TERMINAL MULTI-COMMUNITY FLOW
COMBINATIONS OF NEAR VIE NE PP222-225 JAN-FEB 1968
UY BORTHAKUR A
SINGH N D
CHANDRASEKHAR S H
CAR ACCESS NO.....004705-032
DOC NUMBER.....A0677673
INST.....AF-AFOSR-0139-66
PROJECT/TASK.....9751/00

AFOSR 68-2281
UNIVERSITY OF UPPSALA
SCALED AND CALCULATION ON THE HYDROGEN MOLECULE I THE
TRIPLET EXCITED STATE
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY V1 PP847-854
1967
UY HWANDAS E
CAR ACCESS NO.....023373-001
DOC NUMBER.....A0677711
INST.....AF-AFOSR-0050-67
PROJECT/TASK.....9767/01

AFOSR 68-2282
POLITECNICO DI TORINO
EXPERIMENTAL STUDY ON ELECTROMAGNETICALLY DRIVEN SHOCK TUBE
TECHNICAL NOTE AS SCIENTIFIC REPORT 8
UY MISTAGNINO C
CAR ACCESS NO.....001123-011
DOC NUMBER.....A0677781
INST.....AF-AFOSR-0028-66
PROJECT/TASK.....9781/01

AFOSR 68-2283
UNIVERSITY OF NEW YORK STATE
A PROOF OF CONTROLLABILITY OF JOHAN FORM STATE EQUATIONS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-13 N2 PP195-196
APRIL 1968
UY CHEN C T
DISOER C A
CAR ACCESS NO.....014301-006
DOC NUMBER.....A0677623
INST.....AF-AFOSR-0342-67
PROJECT/TASK.....9749/01

AFOSR 68-2284
UNIVERSITY OF SYDNEY
A STUDY OF THE CORPS OF AIM SHOWERS IN THE SIZE RANGE TEN
TO THE 4TH TO THE 7TH PARTICLES
CANADIAN JOURNAL OF PHYSICS V46 PP530-52 1968
UY PAKICH A M
MELLEY D
MCCUSKER C B A
NELSON D
PEARL S
CAR ACCESS NO.....005842-012
DOC NUMBER.....A0677619
INST.....AF-AFOSR-0410-62
PROJECT/TASK.....9774/02

AFOSR 68-2285
UNIVERSITY OF SYDNEY
HIGH ENERGY PLASMA INTERACTIONS
CANADIAN JOURNAL OF PHYSICS V46 PP5655-5659 1968
UY MCCUSKER C B A
PEARL S
WOLLETT R L S
CAR ACCESS NO.....005842-013
DOC NUMBER.....A0677620
INST.....AF-AFOSR-0410-62
PROJECT/TASK.....9774/02

AFOSR 68-2286
HARVARD UNIVERSITY
CURRENT-DENSITY-CURRENT-DENSITY COMMUTATORS AND
VECTON-MESON DECAYS
PHYSICAL REVIEW V170 AS PP1367-1375 25 JUNE 1968
UY MENRIN R
CAR ACCESS NO.....004861-064
DOC NUMBER.....A0677697
INST.....AF-AFOSR-0410-62
PROJECT/TASK.....9767/04

AFOSR 68-2287
HARVARD UNIVERSITY
USE OF THE DYSON REPRESENTATION IN CURRENT-ALGEBRA CALCULAT
PHYSICAL REVIEW V170 N5 PP1365-1368 25 JUN 1968
UY MENRIN R
CAR ACCESS NO.....004861-066
DOC NUMBER.....A0677699
INST.....AF-AFOSR-0410-62
PROJECT/TASK.....9767/04

AFOSR 68-2288
CHICAGO UNIVERSITY
NOTES ON NEGATIVE IONS ALONG QUANTIZED VORTEX LINES
PHYSICAL REVIEW LETTERS V20 N25 PP1424-1431 17 JUN 1968
UY CLAMERSON W I
STATCH D M
DONNELLY R J
CAR ACCESS NO.....016590-019
DOC NUMBER.....A0677704
INST.....AF-AFOSR-0783-65
PROJECT/TASK.....9767/01

AFOSR 68-2289
NORTHERN ILLINOIS UNIVERSITY
WAVE PROPAGATION IN A SANDWICH RING
JOURNAL ACOUSTICAL SOCIETY AMERICA V43 N5 PP948-1004 MAY
1968
UY SAGARIZ M J
KEEN L W
HEINMANN G
CAR ACCESS NO.....012245-004
DOC NUMBER.....A0677400
INST.....AF-AFOSR-0100-67
PROJECT/TASK.....9751/01

AFOSR 68-2290
NORTHERN ILLINOIS UNIVERSITY
WAVE PROPAGATION IN LAMELLAR COMPOSITE MATERIALS
JOURNAL ACOUSTICAL SOCIETY AMERICA V43 N6 PP1451-1452 JUN
1968
UY ACHENBACH J H
CAR ACCESS NO.....012245-005
DOC NUMBER.....A0677425
INST.....AF-AFOSR-0100-67
PROJECT/TASK.....9751/01

AFOSR 6A-2291
COLUMBIA UNIVERSITY
THE NATURE OF THE RED-SHIFTS IN QUASI-STELLAR OBJECTS
HIGH LIGHTS OF ASTRONOMY IAU 13TH ASSEMBLY PRAGUE AUG 1967
REIDEL PUB DORDRECHT 1968
RY WOLTJER L
DAR ACCESS NO.....019290-019
DDC NUMBER.....A0677749
INSTN...AF-69/63H/01398
PROJECT/TASK.....9774/01

AFOSR 6A-2292
YALE UNIVERSITY
ELECTRON CAPTURE INTO THE METASTABLE 2S STATE IN COLLISIONS
OF PHOTONS WITH HYDROGEN ATOMS
PHYSICAL REVIEW LETTERS V20 N22 PP1223-1226 27 MAY 1968
RY HAYFIELD J F
DAR ACCESS NO.....012315-012
DDC NUMBER.....A0677725
INSTN...AF-AFOSR-0249-67
PROJECT/TASK.....9767/02

AFOSR 6A-2293
MINNESOTA UNIVERSITY OF
THE UNBOUNDED GROWTH OF SOLUTIONS OF LINEAR PARABOLIC
DIFFERENTIAL EQUATIONS
ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA CLASSE DI
SCIENZE V20 N4 PP719-732 1968
RY BESALA P
FIRE P
DAR ACCESS NO.....017310-030
DDC NUMBER.....A0677318
INSTN...AF-AFOSR-0483-65
PROJECT/TASK.....9749/02

AFOSR 6A-2294
UNIVERSITY OF MINNESOTA
UNIQUENESS OF SOLUTIONS OF THE CAUCHY PROBLEM FOR PARABOLIC
EQUATIONS
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS V13 N3
PP516-526 MARCH 1969
RY ARONSON D G
BESALA P
DAR ACCESS NO.....017310-027
DDC NUMBER.....A0677575
INSTN...AF-AFOSR-0483-65
PROJECT/TASK.....9749/02

AFOSR 6A-2295
UNIVERSITY OF ILLINOIS
UNIFORM DISTRIBUTION IN LOCALLY COMPACT ABELIAN GROUPS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V133 N2
PP435-446 SEPTEMBER 1969
RY HENG I D
RAJAGOPALAN M
RUHEL L A
DAR ACCESS NO.....014020-014
DDC NUMBER.....A0677584
INSTN...AF-AFOSR-0460-63
PROJECT/TASK.....9749/02

AFOSR 6A-2296
UNIVERSITY OF CALIFORNIA
ON THE CONVERGENCE OF APPROXIMANTS TO A MARKOV CHAIN II
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V60 N2
PP446-449 JUNE 1968
RY FREEDMAN D A
DAR ACCESS NO.....02757-006
DDC NUMBER.....AF
INSTN...AF-AFOSR-13
PROJECT/TASK.....

AFOSR 6A-2297
MICHIGAN UNIVERSITY OF
THE THERMAL DECOMPOSITION OF PERFLUOROPHENOL
JOURNAL OF PHYSICAL CHEMISTRY V72 N4 PP3054-3056 AUG 1968
RY MATULA H A
DAR ACCESS NO.....019752-005
DDC NUMBER.....A0677195
INSTN...AF-AFOSR-1144-67
PROJECT/TASK.....9740/02

AFOSR 6A-2298
VERMONT UNIVERSITY OF
BUBBLE ANNIHILATION IN CAVITATION STREAMLINES
THE JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA V42 N4
PP891-894 OCT 67
RY NYHODG W L
MUGHES D F
DAR ACCESS NO.....008032-001
DDC NUMBER.....A0677407
INSTN...AF-AFOSR-0002-67
PROJECT/TASK.....9767/02

AFOSR 6A-2299
COLLEGE PARK MD
APPROXIMATION BY BOUNDED ANALYTIC FUNCTIONS UNIFORM
CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V130 N3
PP406-413 MARCH 1968
RY WALSH J L
DAR ACCESS NO.....021730-013
DDC NUMBER.....A0677754
INSTN...AF-AFOSR-1130-66
PROJECT/TASK.....9749/02

AFOSR 6A-2300
TEXAS UNIVERSITY OF
RESTRICTED ROTATION AROUND PHOSPHORUS-NITROGEN BONDS
JOURNAL AMERICAN CHEMICAL SOCIETY V90 PP4189-4186 1968
RY CONLEY A H
DEWAR M J S
JACKSON W R
DAR ACCESS NO.....019671-018
DDC NUMBER.....A0677798
INSTN...AF-AFOSR-1050-67
PROJECT/TASK.....9762/01

AFOSR 6A-2301
HARVARD UNIVERSITY
TRANSFORMATIONS IN THE CHINESE COMMUNIST PARTY
SOVIET & CHINESE COMMUNISM SIMILARITIES & DIFFERENCES O W
THEODORE ED UNIV OF WASHINGTON PRESS SEATTLE PP73-104
1967
RY LINHACKER J W H
DAR ACCESS NO.....019140-008
DDC NUMBER.....A0677309
INSTN...AF-49/63H/01399
PROJECT/TASK.....9779/02

AFOSR 6A-2302
HARVARD UNIVERSITY
VOLUNTARISM AND SOCIAL CONTROL
SOVIET & CHINESE COMMUNISM SIMILARITIES & DIFFERENCES O W
THEODORE ED UNIV OF WASHINGTON PRESS SEATTLE
PP106-108 SEP 1967
RY VOGEL E F
DAR ACCESS NO.....019140-309
DDC NUMBER.....A0677310
INSTN...AF-49/63H/01399
PROJECT/TASK.....9779/02

AFOSR 6A-2303
HARVARD UNIVERSITY
POSITION OF THE COUNTY IN THE ADMINISTRATIVE SYSTEM
IN PRESS/ PART II HSIEN /COUNTY/ GOVERNMENT IN COMMUNIST
CHINA E F VOGEL AND A D HARNETT PP107-309 1968
RY VOGEL E F
DAR ACCESS NO.....019140-010
DDC NUMBER.....A0677311
INSTN...AF-49/63H/01399
PROJECT/TASK.....9779/02

AFOSR 6A-2305
CALIFORNIA INSTITUTE OF TECHNOLOGY
PLASMA DYNAMICS FINAL REPORT JAN 1968
RY GOULD M W
DAR ACCESS NO.....006432-002
DDC NUMBER.....A0677566
INSTN...AF-49/63H/01402
PROJECT/TASK.....9768/02

AFOSR 6A-2306
POLITECNICO DI TORINO
STALL PROPAGATION IN A CASCADE OF AIRFOILS
TECHNICAL NOTE 48
RY PASQUARELLI C G
DAR ACCESS NO.....001133-010
DDC NUMBER.....A0677167
INSTN...AF-EDAR-0028-66
PROJECT/TASK.....9781/01

AFOSR 6A-2307
CARNegie/MELLON UNIVERSITY
STUDY OF ELECTRONIC COLLISION CROSS SECTIONS FINAL REPORT
JAN 1968
RY LASSETTIE E N
DAR ACCESS NO.....012991-001
DDC NUMBER.....A0677331
INSTN...AF-49/63H/01668
PROJECT/TASK.....9767/02

AFOSR 6A-2308
GENERAL ELECTRIC CO
CHEMICAL DYNAMICS ON CRYSTAL SURFACES FINAL REPORT SEPT 1966
RY EHRLICH G
DAR ACCESS NO.....024580-001
DDC NUMBER.....A0677302
INSTN...F44620-08-C-0050
PROJECT/TASK.....9760/03

AFOSR 6A-2309
YALE UNIVERSITY
A AND M PHYSICAL AND CRITICAL OBSERVATIONAL SPECTROSCOPY
AND HEARSTOWN
RY HUGHES V W
LAMB W F JR
SCHULZ G J
DAR ACCESS NO.....023730-001
DDC NUMBER.....A0677276
INSTN...AF-AFOSR-1331-67
PROJECT/TASK.....9739/00

AFOSR 68-2310
UNIVERSITY OF CALIFORNIA
DISCRETE SYSTEM THEORY AND BIOCONTROL SYSTEM FINAL REPORT
AUG 1968
BY JUNE E I
OAH ACCESS NO.....000224-003
DDC NUMBER.....AD677616
INSTR...AF-AFOSR-0292-68
PROJECT/TASK.....9749/01

AFOSR 68-2313
TEL/AVIV UNIVERSITY
RESEARCH IN ELEMENTARY PARTICLE PHYSICS FINAL REPORT JUNE
1968
BY NE ENAN Y
OAH ACCESS NO.....021480-010
DDC NUMBER.....AD677336
INSTR...AF-ENAN -0030-68
PROJECT/TASK.....9751/01

AFOSR 68-2315
APPLICAZIONI RICERCHIE SCIENTIFICHE
THE TRANSITION REGIME OF RAREFIED GAS DYNAMICS FINAL
REPORT JULY 1968
BY CERCIGNANI C
OAH ACCESS NO.....019130-011
DDC NUMBER.....AD677342
INSTR...AF-01/052/00881
PROJECT/TASK.....9763/01

AFOSR 68-2316
UNIVERSITY OF MICHIGAN
RADIO PULSES FROM AER SHOWERS AT MT CHACALTAYA
CANADIAN JOURNAL OF PHYSICS V48 PPS24J-S24J 1968
BY HANKE P H
HAZEN W F
MEDEL A Z
OAH ACCESS NO.....024480-001
DDC NUMBER.....AD677537
INSTR...AF-AFOSR-1460-68
PROJECT/TASK.....9751/04

AFOSR 68-2317
UNIVERSITY OF MESA
COMPARATIVE NEUROPHYSIOLOGY OF THE VISUAL SYSTEM FINAL
REPORT SEPT 1968
BY MORUZZI G
OAH ACCESS NO.....019642-001
DDC NUMBER.....AD677305
INSTR...PD1082-68-C-0024
PROJECT/TASK.....9777/01

AFOSR 68-2318
UNIVERSITY OF CALIFORNIA
MATHEMATICAL THEORY OF SWITCHING CIRCUITS AND AUTOMATA
UNIVERSITY OF CALIF PHESS 1968 FINAL REPORT SEPT 1968
BY HU S T
OAH ACCESS NO.....020320-002
DDC NUMBER.....AD677102
INSTR...AF-AFOSR-1129-68
PROJECT/TASK.....9749/02

AFOSR 68-2319
MICHIGAN STATE UNIVERSITY
SYNCHRONIZATION AND DECOMPOSITION OF FINITE AUTOMATA
BY CUTLIP W F
KILMER W L
OAH ACCESS NO.....021311-003
DDC NUMBER.....AD677599
INSTR...AF-AFOSR-1073-67
PROJECT/TASK.....9760/04

AFOSR 68-2320
SUSSEX UNIVERSITY OF
THERMAL AND MAGNETIC PROPERTIES OF ADSORBED PHASES OF HE-3
AND -4 AT LOW TEMPERATURES FINAL REPORT JULY 1968
BY HMEWER D F
OAH ACCESS NO.....014701-001
DDC NUMBER.....AD677746
INSTR...AF-EDAH -0002-68
PROJECT/TASK.....9767/01

AFOSR 68-2321
UNIVERSITY OF NORTH CAROLINA
ELECTROCHEMISTRY USING THIN-LAYER CELLS
REVIEWS OF PURE AND APPLIED CHEMISTRY V19 PP137-151 1968
BY HILLERY C N
OAH ACCESS NO.....019081-002
DDC NUMBER.....AD677519
INSTR...AF-AFOSR-0584-68
PROJECT/TASK.....9760/01

AFOSR 68-2322
UNIVERSITY OF CALIFORNIA
ON OBTAINING THE TIME RESPONSE FROM THE EXTENDED LIENARD
CONSTRUCTION
JOURNAL OF THE FRANKLIN INSTITUTE V284 NO PP193-197 SEP
1967
BY KNOX J S
SNOODACK A C
OAH ACCESS NO.....008705-031
DDC NUMBER.....AD677411
INSTR...AF-AFOSR-0130-68
PROJECT/TASK.....9751/00

AFOSR 68-2323
UNIVERSITY OF CALIFORNIA
A NONLINEAR DISCRETE SYSTEM EQUIVALENCE OF INTEGRAL PULSE
FREQUENCY MODULATION SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 NO PP419-422
AUGUST 1967
BY JUNE E I
BLANCHARD J G
OAH ACCESS NO.....000224-004
DDC NUMBER.....AD677674
INSTR...AF-AFOSR-0292-68
PROJECT/TASK.....9749/01

AFOSR 68-2324
DARTMOUTH COLLEGE
UNCERTAINTY INFORMATION SEARCH AND DECISION MAKING FINAL
REPORT NOV 1968
BY LANZETTA J T
OAH ACCESS NO.....015461-001
DDC NUMBER.....AD678603
INSTR...AF-49/638/01614
PROJECT/TASK.....9778/02

AFOSR 68-2325
DARTMOUTH COLLEGE
SIMPLIFIED LANGUAGE FOR ABSTRACT MATHEMATICAL STRUCTURES
BY WIDENHOFFER N
OAH ACCESS NO.....024380-001
DDC NUMBER.....AD678603
INSTR...F44620-68-C-0015
PROJECT/TASK.....9744/00

AFOSR 68-2326
TENNESSEE UNIVERSITY OF
OPERATIONAL ANALYSIS OF BEHAVIORAL SITUATIONS FINAL REPORT
OCT 1968
BY VERPLANCK W S
OAH ACCESS NO.....027380-001
DDC NUMBER.....AD677607
INSTR...AF-AFOSR-1269-67
PROJECT/TASK.....9778/01

AFOSR 68-2327
N U S CORP
INHERITANCE OF XANTHINE DEHYDROGENASE IN DROSOPHILA
MELANOGASTER
BY KELLEN E C JR
OAH ACCESS NO.....020261-001
DDC NUMBER.....AD677579
INSTR...F44620-67-C-0059
PROJECT/TASK.....9777/01

AFOSR 68-2328
N U S CORP
INHERITANCE OF XANTHINE DEHYDROGENASE IN DROSOPHILA
MELANOGASTER FINAL REPORT NOV 1968
BY KELLER E C JR
OAH ACCESS NO.....020261-002
DDC NUMBER.....AD677579
INSTR...F44620-67-C-0059
PROJECT/TASK.....9777/01

AFOSR 68-2329
OXFORD UNIVERSITY
A STUDY OF COGNITIVE AND AFFECTIVE ATTITUDES
BY FAJFEL M
OAH ACCESS NO.....013372-001
DDC NUMBER.....AD678167
INSTR...AF-EDAH -0004-68
PROJECT/TASK.....9777/01

AFOSR 68-2330
EDINBURGH UNIVERSITY OF
RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE
BACKGROUND
BY PICKFORD L M
OAH ACCESS NO.....009961-005
DDC NUMBER.....AD678604
INSTR...AF-EDAH -0017-65
PROJECT/TASK.....9777/01

AFOSR 68-2332
WASHINGTON UNIVERSITY OF
ANALYSIS OF THE MECHANISM OF ACTION OF THE NERVE GROWTH
FACTOR
BY MONTALCINI R L
OAH ACCESS NO.....021300-001
DDC NUMBER.....AD678605
INSTR...AF-AFOSR-1182-67
PROJECT/TASK.....9777/01

AFOSR 68-2333
UNIVERSITY OF NORTH CAROLINA
HYPOTHALAMIC SECRETORY FACTOR FOR ADRENOCORTICOTROPIC
HORMONE FINAL REPORT NOV 1968
BY MUNSCH P L
OAH ACCESS NO.....005784-001
DDC NUMBER.....AD678169
INSTR...AF-AFOSR-1193-67
PROJECT/TASK.....9777/01

AFOSR 68-2336
YALE UNIVERSITY
RETINAL FINE STRUCTURE AND VISUAL ORIENTATION FINAL REPORT
OCT 1968
BY WATERMAN T H
OAH ACCESS NO.....021650-002
DDC NUMBER.....AD678607
INSTR...AF-AFOSR-1064-66
PROJECT/TASK.....9777/01

AFOSR 68-2339
UNIVERSITY OF MINNESOTA
ALTERATIONS OF BRAIN BIOCHEMISTRY AND DEVELOPMENT OF
BEHAVIOR
BY SHIDEMAN F E
DAR ACCESS NO.....013338-001
ODC NUMBER.....AD677849
INSTR...AF-AFOSR-0204-64
PROJECT/TASK.....9777/01

AFOSR 68-2343
ILLINOIS UNIVERSITY OF
DETONATIVE MACH STRESS FINAL REPORT SEPT 1968
BY STHELMER R A
BAHMFEL M O
DAR ACCESS NO.....021230-001
ODC NUMBER.....AD684379
INSTR...AF-AFOSR-1090-68
PROJECT/TASK.....0711/01

AFOSR 68-2345
SOUTHERN CALIFORNIA UNIVERSITY OF
MOSSBAUER EFFECT AND MAGNETIC PROPERTIES OF IRON-IRONYLLIUM
COMPOUNDS
JOURNAL APPLIED PHYSICS V39 N4 PP2123-2126 MAR 1968
BY OHFA K
DAR ACCESS NO.....014493-009
ODC NUMBER.....AD677799
INSTR...AF-AFOSR-0406-67
PROJECT/TASK.....4751/00

AFOSR 68-2346
TEXAS UNIVERSITY OF
A REMARK ON PGM LETTER CONVERSUS FOR A DISCRETE CHANNEL
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-14 N4 PP605-607
JUL 68
BY WAGNER T J
DAR ACCESS NO.....015242-007
ODC NUMBER.....AD677796
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-2347
TEXAS UNIVERSITY OF
ON A CLASS OF GENERALIZED POLARITY COINCIDENCE CORRELATIONS
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-14 N4 PP603-604
JUL 1968
BY LAINTOTIS O O
DAR ACCESS NO.....015242-008
ODC NUMBER.....AD677797
INSTR...AF-AFOSR-0766-67
PROJECT/TASK.....4751/00

AFOSR 68-2348
UNIVERSITY OF TEXAS
SUB-OPTIMAL CONTROL OF ON-LINEAR SINGLE INPUT SYSTEMS
INTERNATIONAL JOURNAL CONTROL V6 N2 PP113-121 1968
BY ELLER D M
AGGARWAL J
DAR ACCESS NO.....015241-060
ODC NUMBER.....AD677446
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 68-2349
UNIVERSITY OF TEXAS
THE RATE OF CONVERGENCE OF AN ALGORITHM FOR RECOVERING
FUNCTIONS FROM NOISY MEASUREMENTS TAKEN AT RANDOMLY
SELECTED POINTS
IEEE TRANSACTIONS ON SYSTEMS SCIENCE AND CYBERNETICS VSSC-4
N2 PP151-154 JUL 1968
BY WAGNER T J
DAR ACCESS NO.....015241-061
ODC NUMBER.....AD677449
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 68-2350
UNIVERSITY OF SOUTHERN CALIFORNIA
A CONTRIBUTION TO THE SIGNAL-DESIGN PROBLEM FOR INCOHERENT
PHASE COMMUNICATION SYSTEMS
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-14 N2 PP308-311
MAR 1968
BY WEHNER C L
DAR ACCESS NO.....014493-006
ODC NUMBER.....AD677433
INSTR...AF-AFOSR-0406-67
PROJECT/TASK.....4751/00

AFOSR 68-2351
UNIVERSITY OF SOUTHERN CALIFORNIA
THERMAL RECOVERY OF EXPLOSIVE SHOCK-LOADED STAINLESS STEEL
PHILOSOPHICAL MAGAZINE V19 N152 PP201-245 AUG 1968
BY MURR L E
ROSE M F
DAR ACCESS NO.....014493-007
ODC NUMBER.....AD677434
INSTR...AF-AFOSR-0406-67
PROJECT/TASK.....4751/00

AFOSR 68-2352
TECHNION RESEARCH DEVELOPMENT FOUNDATION
THE BUCKLING OF DISCRETELY STIFFENED CONICAL SHELLS
TAE REPORT 90 SCIENTIFIC REPORT NO 7
BY HAFKRA R
SINGER J
DAR ACCESS NO.....001324-010
ODC NUMBER.....AD677862
INSTR...AF-01/052/00905
PROJECT/TASK.....9782/01

AFOSR 68-2354
CORNELL AERONAUTICAL LABORATORY INC
A 2 ELECTRON VOLTS ARGON BEAM SCATTERING AT A SOLID SURFACE
AND OBSERVATIONS OF RADIATION ACCOMPANYING THE BEAM
INTERNATIONAL SYM ON RAREFIED GAS DYNAMICS 6TH BOSTON MASS
JULY 1968 PP1-10
BY SKINNER G T
DAR ACCESS NO.....006091-001
ODC NUMBER.....AD677589
INSTR...AF-49/63A/01490
PROJECT/TASK.....9783/01

AFOSR 68-2355
UNIVERSITY OF MARYLAND
DYNAMICS OF BINARY COLLISION AMONG FOUR PARTICLES
BY GREGG M K
DAR ACCESS NO.....020731-001
ODC NUMBER.....AD677683
INSTR...AF-AFOSR-1015-67
PROJECT/TASK.....9783/02

AFOSR 68-2356
DARTMOUTH COLLEGE
MECHANICAL VIBRATION - A DRIVING MECHANISM FOR COMBUSTION
INSTABILITY IN ROCKET ENGINES FINAL REPORT OCT 1968
BY MCCONNACK P D
RINCH S
DAR ACCESS NO.....021980-004
ODC NUMBER.....AD677594
INSTR...AF-AFOSR-1101-66
PROJECT/TASK.....9713/01

AFOSR 68-2358
CALIFORNIA UNIVERSITY OF
MATHEMATICAL ANALYSIS OF LANDIS-TYPE EXPERIMENTS ON THE
TRANSPORT OF FLUID ACROSS THE WALLS OF CAPILLARY BLOOD
VESSELS
BY LEW M S
FUNG Y C
DAR ACCESS NO.....001374-011
ODC NUMBER.....AD680023
INSTR...AF-AFOSR-1106-67
PROJECT/TASK.....9782/01

AFOSR 68-2359
CALIFORNIA UNIVERSITY OF
THE MOTION OF THE PLASMA BETWEEN THE RED BLOOD CELLS IN
THE BULUS FLOW
BY LEW M S
FUNG Y C
DAR ACCESS NO.....001374-012
ODC NUMBER.....AD680025
INSTR...AF-AFOSR-1106-67
PROJECT/TASK.....9782/01

AFOSR 68-2360
UNIVERSITY OF ILLINOIS
PRODUCTION OF IONS BY ELECTROHYDRODYNAMIC SPRAYING
TECHNIQUES
AIAA JOURNAL V6 N6 PP1596-1597 AUG 1968
BY SWATIK D S
HENNRICKS C D
DAR ACCESS NO.....013243-001
ODC NUMBER.....AD677849
INSTR...AF-AFOSR-1508-68
PROJECT/TASK.....9752/01

AFOSR 68-2365
GENOVA UNIVERSITA DEGLI STUDI DI
STUDY OF THE BRAIN MECHANISMS UNDERLYING THE CHANGES OF
CONSCIOUSNESS AND THEIR ELECTROPHYSIOLOGICAL CORRELATES
BY RUSSI G F
DAR ACCESS NO.....005924-015
ODC NUMBER.....AD678606
INSTR...AF-61/052/00901
PROJECT/TASK.....9777/01

AFOSR 68-2373
STOCKHOLM UNIVERSITY OF
LONG RANGE NAVIGATION IN ANIMALS FINAL REPORT
SEPT 1968
BY EDELSTAN C G
DAR ACCESS NO.....018070-001
ODC NUMBER.....AD678605
INSTR...AF-EDAR-0081-65
PROJECT/TASK.....9777/01

AFOSR 68-2391
PRINCETON UNIVERSITY
KORTEWEG-DE VRIES EQUATION AND GENERALIZATIONS II EXISTENCE
OF CONSERVATION LAWS AND CONSTANTS OF MOTION
JOURNAL OF MATHEMATICAL PHYSICS V9 N8 PP1204-1209 AUGUST
1968
BY MIURA R M
GARDNER G S
KRUSKAL M D
DAR ACCESS NO.....016500-012
ODC NUMBER.....AD677728
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 68-2382
BRITISH COLUMBIA UNIVERSITY OF
ON RELATIVELY BOUNDED PERTURBATIONS OF ORDINARY
DIFFERENTIAL OPERATIONS
PACIFIC JOURNAL OF MATHEMATICS V25 N1 PP59-70 1968
BY CLARK C
DAR ACCESS NO.....008672-007
ODC NUMBER.....AD677762
INSTR...AF-AFOSR-0379-65
PROJECT/TASK.....9749/01

AFOSR 68-2388
NEW MEXICO UNIVERSITY OF
SCIENCE IN THE SIXTIES AIR FORCE OFFICE OF SCIENTIFIC
RESEARCH SCIENTIFIC SEMINAR 10TH CLOUDCROFT NEW MEXICO JUNE
1968 UNIVERSITY OF NEW MEXICO PRESS 1968 FINAL REPORT NOV
OAR ACCESS NO.....010103-001
DOC NUMBER.....AD678058
INSTR...AF-AFOSR-0861-68
PROJECT/TASK.....9761/01
BY ANN D L

AFOSR 68-2389
NEW MEXICO UNIVERSITY OF
JOURNALS IN SCIENCE SMALL STRIPS--GREAT STRIDES AIR FORCE
OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 12TH
ALBUQUERQUE NEW MEXICO JUNE 1967 UNIVERSITY OF NEW MEXICO
OAR ACCESS NO.....010105-001
DOC NUMBER.....AD678067
INSTR...AF-AFOSR-0861-67
PROJECT/TASK.....9761/01
BY ANN D L

AFOSR 68-2396
RENSSELAER POLYTECHNIC INSTITUTE
EFFECT OF ATMOSPHERES ON THE MECHANICAL PROPERTIES OF
CRYSTALS FINAL REPORT OCT 1968
OAR ACCESS NO.....010650-001
DOC NUMBER.....AD677207
INSTR...AF-64/038/01508
PROJECT/TASK.....9763/01
BY ANSELL G S
MITCHELL T
HUDSON J H

AFOSR 68-2390
DEPOND UNIVERSITY
BRAIN STEM STIMULATION AND ETHOLOGICAL STUDIES ON HINDS
FINAL REPORT JAN 1968
OAR ACCESS NO.....006983-003
DOC NUMBER.....AD677765
INSTR...AF-PDAM-0014-65
PROJECT/TASK.....9777/01
BY TINDBERGEN N
VUMBLE D M
DELIV J D

AFOSR 68-2391
CHICAGO UNIVERSITY
OPTICAL MODEL CALCULATION OF THE ELECTRONIC STATES OF MIXED
DISORDERED SYSTEMS
THE JOURNAL CHEMICAL PHYSICS VOL 44 NO 3551 15 APR 1966
OAR ACCESS NO.....015061-033
DOC NUMBER.....AD677773
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01
BY NICOLIS G
WICE S A
JOHNSEN J

AFOSR 68-2393
STANFORD UNIVERSITY
THERMODYNAMICS OF POLYMER SOLUTIONS PART 1 NATURAL RUBBER
AND BENZENE
TRANSACTIONS OF THE FARADAY SOCIETY VOL 5548 PTH
1963-2052 AUG 1968
OAR ACCESS NO.....010391-045
DOC NUMBER.....AD677635
INSTR...AF-64/038/01341
PROJECT/TASK.....9760/03
BY EICHINGER H E
FLORY P J

AFOSR 68-2395
STANFORD UNIVERSITY
THERMODYNAMICS OF POLYMER SOLUTIONS PART 3 -- POLYSTYRENE
CYCLOHEXANE
TRANSACTIONS OF THE FARADAY SOCIETY VOL 5548 PTH 1963-201
1969
OAR ACCESS NO.....010391-047
DOC NUMBER.....AD677638
INSTR...AF-64/038/01341
PROJECT/TASK.....9760/03
BY EICHINGER H E
FLORY P J

AFOSR 68-2396
STANFORD UNIVERSITY
THERMODYNAMICS OF POLYMER SOLUTIONS PART 4 -- POLYSTYRENE
N-HEPTANE
TRANSACTIONS OF THE FARADAY SOCIETY VOL 5548 PTH 1963-207
1968
OAR ACCESS NO.....010391-048
DOC NUMBER.....AD677640
INSTR...AF-64/038/01341
PROJECT/TASK.....9760/03
BY EICHINGER H E
FLORY P J

AFOSR 68-2397
UNIVERSITY OF CALIFORNIA
TEMPERATURE DEPENDENCE OF THE SPIN SUSCEPTIBILITY OF A
NEARLY FERROMAGNETIC FERMION LIQUID
PHYSICAL REVIEW LETTERS VOL 17 NO 9929-32 22 APRIL 1966
OAR ACCESS NO.....008622-007
DOC NUMBER.....AD671475
INSTR...AF-AFOSR-0510-67
PROJECT/TASK.....9761/01
BY HEAL-MANOS M T
MA S A
FREDKIN D H

AFOSR 68-2398
SYDNEY UNIVERSITY OF
STELLAR INTERFEROMETER AT MARRABRI OBSERVATORY
NATURE VOL 218 NO 518 PP637-641 MAY 1968
OAR ACCESS NO.....013801-004
DOC NUMBER.....AD677800
INSTR...AF-AFOSR-0302-66
PROJECT/TASK.....9761/01
BY HUGHES M H

AFOSR 68-2399
UNIVERSITY OF CALIFORNIA
PLASMA RESPONSE TO THE SUDDEN APPLICATION OF AN ELECTRIC
FIELD
PHYSICAL REVIEW LETTERS VOL 17 NO 9907-908 22 APRIL 1966
OAR ACCESS NO.....018381-003
DOC NUMBER.....AD677800
INSTR...AF-AFOSR-0367-66
PROJECT/TASK.....9767/83
BY DEORNET J S
MACKENZIE K R

AFOSR 68-2400
SYDNEY UNIVERSITY OF
A MONTE CARLO SIMULATION OF AIN SHOWN COMPS
CANADIAN JOURNAL OF PHYSICS VOL 46 PP533-536 1968
OAR ACCESS NO.....005842-014
DOC NUMBER.....AD677824
INSTR...AF-AFOSR-0415-62
PROJECT/TASK.....9761/06
BY MCCUSKER C O A
DEAR L S
RATHGERER M H

AFOSR 68-2401
UNIVERSITY OF CALIFORNIA
ON EQUIVALENCE OF STATE ASSIGNMENTS
ILKE TRANSACTIONS ON COMPUTERS VOL 17 NO 1 PP55-57 JANUARY
1968
OAR ACCESS NO.....010491-008
DOC NUMBER.....AD677834
INSTR...AF-AFOSR-0430-68
PROJECT/TASK.....9749/01
BY HARRISON M A

AFOSR 68-2402
UNIVERSITY OF SOUTHERN CALIFORNIA
INVESTIGATION OF GRAIN BOUNDARY ENERGETICS IN ERBIUM OXIDE
THIN FILMS BY TRANSMISSION ELECTRON MICROSCOPY
PHYS STAT SOL VOL 1629 PP629-640 1968
OAR ACCESS NO.....014493-008
DOC NUMBER.....AD677834
INSTR...AF-AFOSR-0496-67
PROJECT/TASK.....9751/00
BY QUHR L E

AFOSR 68-2403
APPLICAZIONI MICENICHE SCIENTIFICHE
STOKES PARADOX IN KINETIC THEORY
PHYSICS OF FLUIDS VOL 12 NO 2 PP303-308 FEB 1968
OAR ACCESS NO.....018130-012
DOC NUMBER.....AD677717
INSTR...AF-61/037/00881
PROJECT/TASK.....9783/01
BY CENCIGNANI C

AFOSR 68-2405
UNIVERSITY OF ILLINOIS
RESEARCH IN SYSTEM THEORY FINAL REPORT OCT 1967
OAR ACCESS NO.....019173-001
DOC NUMBER.....AD677812
INSTR...AF-AFOSR-0031-67
PROJECT/TASK.....9749/01
BY CRUZ J O

AFOSR 68-2406
UNIVERSITY OF MIAMI
INTERPOLATION WITH POLYNOMIALS TO BOUNDARY VALUES FINAL
REPORT SEPT 1968
OAR ACCESS NO.....006854-002
DOC NUMBER.....AD677603
INSTR...AF-AFOSR-0358-66
PROJECT/TASK.....9749/01
BY CURTISS J M

AFOSR 68-2407
KANSAS STATE UNIVERSITY
QUASILINEARIZATION TECHNIQUE FOR SOLUTION OF BOUNDARY
LAYER EQUATIONS
CANADIAN JOURNAL CHEMICAL ENGINEERING VOL 46 PP200-204 JUN 1968
OAR ACCESS NO.....014032-001
DOC NUMBER.....AD677806
INSTR...AF-AFOSR-1410-68
PROJECT/TASK.....9752/01
BY LEE E S
FAN L T

AFOSR 68-2408
ATLANTIC RESEARCH CORP
THE EXPLOSIVE DECOMPOSITION OF CHLORINE DIOXIDE
JOURNAL OF PHYSICAL CHEMISTRY VOL 72 NO 18189-1856 JUNE 68
OAR ACCESS NO.....017041-011
DOC NUMBER.....AD677817
INSTR...AF-66/038/01645
PROJECT/TASK.....9713/01
BY MCMALE F T
ELMH G V

AFOSR 68-2409
SYRACUSE UNIVERSITY RESEARCH INSTITUTE
ABSORPTION SPECTRUM OF A MAGNETOPLASMA DIELECTRIC IN A RF50
CAVITY
JOURNAL OF APPLIED PHYSICS V39 N3 PP1741-1745 15 FEB 1968
BY KENT G.
HEINTZ H
OAR ACCESS NO.....013432-001
DOC NUMBER.....AD677684
INSTR...AF-AFOSR-1266-67
PROJECT/TASK.....9752/01

AFOSR 68-2410
UNIVERSITY OF OKLAHOMA STATE
FINITE-DIFFERENCE SOLUTIONS FOR PLANE STRESSES
AIAA JOURNAL V8 N6 PP1196-1197 JUN 1968
BY CHAPEL R E
SMITH H W
OAR ACCESS NO.....022020-002
DOC NUMBER.....AD677708
INSTR...AF-AFOSR-1153-66
PROJECT/TASK.....9762/01

AFOSR 68-2411
UNIVERSITY OF NOTRE DAME
CONFORMATIONAL ANALYSIS XVI 1 3-DIOXANES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N13 PP3444-3458 19 JU
BY ELIEL F I
KNOEDEN M C
OAR ACCESS NO.....015091-002
DOC NUMBER.....AD677696
INSTR...AF-AFOSR-0772-67
PROJECT/TASK.....9762/01

AFOSR 68-2412
TEXAS UNIVERSITY OF
CONTRIBUTIONS TO THE THEORY OF NUMERICAL SIMULATION
JSEP TECHNICAL REPORT NO 12
BY FALCONER D H
ODELL P L
OAR ACCESS NO.....015241-062
DOC NUMBER.....AD685124
INSTR...AF-AFOSR-0766-66
PROJECT/TASK.....4751/00

AFOSR 68-2413
NORTHWESTERN UNIVERSITY
GENERATION OF COMPLETE TREES
IEEE TRANSACTIONS ON CIRCUIT THEORY VCT-15 N2 PP101-105
JUNE 1968
BY AYEDA W
MAKINI S L
CHEN W K
DEO N
OAR ACCESS NO.....011791-017
DOC NUMBER.....AD677810
INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9749/01

AFOSR 68-2414
STANFORD UNIVERSITY
WAVES IN PLASMAS
REND S...LA INTERN FIS FNRICO FERMI COURSE 39 PP24-65
BY STURMOK P A
OAR ACCESS NO.....004562-001
DOC NUMBER.....AD677644
INSTR...AF-49/639/01321
PROJECT/TASK.....9767/02

AFOSR 68-2415
YALE UNIVERSITY
HYPERFINE STRUCTURE OF THE V EQUALS O J EQUALS I STATE IN
R0 SUPERSCRIPIT R0F R0 SUPERSCRIPIT R7F K SUPERSCRIPIT 39F AND
K SUPERSCRIPIT 41F BY THE MOLECULAR-HEAT ELECTRIC-RESONANCE
THE PHYSICAL REVIEW V161 N1 PP15-22 5 SEP 1967
BY GONCZYK P A
MUGHES V W
OAR ACCESS NO.....012315-013
DOC NUMBER.....AD677801
INSTR...AF-AFOSR-0249-67
PROJECT/TASK.....4767/02

AFOSR 68-2417
KANSAS STATE UNIVERSITY
QUASILINEARIZATION DIFFERENCE APPROXIMATION AND NONLINEAR
BOUNDARY VALUE PROBLEMS
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS JOURNAL V14 N3
PP497-498 MAY 1965
BY LEE E S
OAR ACCESS NO.....014032-002
DOC NUMBER.....AD6777A6
INSTR...AF-AFOSR-1410-68
PROJECT/TASK.....9752/01

AFOSR 68-2418
NEW MEXICO UNIVERSITY OF
A SPECIMEN FOR REVERSED SHEAR DEFORMATIONS
MATERIALS RESEARCH & STANDARDS V7 N12 PP517-523 DEC 1967
BY JU P D
BAKER J G
YAO J T P
OAR ACCESS NO.....014332-004
DOC NUMBER.....AD677752
INSTR...AF-AFOSR-0568-66
PROJECT/TASK.....4762/01

AFOSR 68-2419
NEW YORK UNIVERSITY
AN EXTENSION OF THE RANTONIVICH METHOD
QUANTITATIVE OF APPLIED MATHEMATICS V26 N2 PP214-229 JUL 1968
BY KERR A D
OAR ACCESS NO.....017020-001
DOC NUMBER.....AD677613
INSTR...AF-AFOSR-0813-66
PROJECT/TASK.....9762/01

AFOSR 68-2420
CALIFORNIA UNIVERSITY OF
LOCAL-MOMENT FORMATION AND THE KUNDO EFFECT
PHYSICAL REVIEW LETTERS V20 N24 PP1370-1372 10 JUN 1968
BY LEVINE M J
RAMAKRISHNAN T V
WEINER R A
OAR ACCESS NO.....008462-008
DOC NUMBER.....AD677798
INSTR...AF-AFOSR-0610-67
PROJECT/TASK.....9761/01

AFOSR 68-2421
UNIVERSITY OF UTAH
FAST REACTIONS IN SOLUTION
ANNUAL REVIEW PHYSICAL CHEMISTRY V19 PP129-160 1968
BY EYRING E M
DENNION B C
OAR ACCESS NO.....014812-061
DOC NUMBER.....AD677517
INSTR...AF-AFOSR-1383-68
PROJECT/TASK.....9710/03

AFOSR 68-2422
UNIVERSITY OF NOTRE DAME
CHEMICAL SOCIETY OF ZURICH--CONFORMATIONAL ANALYSES OF
MOBILE SYSTEMS--METHODS AND RESULTS /GERMANY/
SEPARATUM OF CHEMIA V22 1968
BY ELIEL E L
OAR ACCESS NO.....015091-003
DOC NUMBER.....AD677695
INSTR...AF-AFOSR-0772-67
PROJECT/TASK.....9762/01

AFOSR 68-2423
OHIO UNIVERSITY
KINETIC DESCRIPTION OF CYLINDRICAL HEAT CONDUCTION IN A
POLYATOMIC GAS
PHYSICS OF FLUIDS V11 N6 PP1292-1300 JUN 1968
BY CIPOLLA J W JR
MIRSE T F
OAR ACCESS NO.....018970-004
DOC NUMBER.....AD677699
INSTR...AF-49/638/01325
PROJECT/TASK.....9763/01

AFOSR 68-2424
OHIO UNIVERSITY
ON VOLTERRA INTEGRAL EQUATIONS WITH NONNEGATIVE INTEGRAL
RESOLVENTS
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS V22 N2
PP319-340 MAY 1968
BY MILLEN H K
OAR ACCESS NO.....018993-009
DOC NUMBER.....AD677704
INSTR...AF-AFOSR-0... 57
PROJECT/TASK.....9749/01

AFOSR 68-2425
NORTHWESTERN UNIVERSITY
PARAMETRIC ANALYSIS OF STATISTICAL COMMUNICATION NETS
QUARTERLY OF APPLIED MATHEMATICS V26 N2 PP249-263 JULY
1968
BY FRANK H
MAKINI S L
OAR ACCESS NO.....011791-018
DOC NUMBER.....AD677682
INSTR...AF-AFOSR-0098-65
PROJECT/TASK.....9749/01

AFOSR 68-2427
UNIVERSITY OF TORONTO
OPTIMUM TRANSIENT HODDANCE IN DAMPED LINEAR SYSTEMS
C A S I TRANSACTIONS VI N1 PP14-20 MARCH 1968
BY HUGHES P C
OAR ACCESS NO.....006054-001
DOC NUMBER.....AD677547
INSTR...AF-AFOSR-0222-66
PROJECT/TASK.....9749/01

AFOSR 68-2428
GENERAL DYNAMICS CORP
GLORY SCATTERING OF LITHIUM BY A SERIES OF MOLECULES I
DIATONICS
JOURNAL CHEMICAL PHYSICS V48 N9 PP3945-3955 1 MAY 1968
BY HELDING W K B
ROTHF E W
OAR ACCESS NO.....020760-005
DOC NUMBER.....AD677673
INSTR...AF-49/638/01730
PROJECT/TASK.....4760/01

AFOSR 68-2429
CALIFORNIA INSTITUTE OF TECHNOLOGY
INTEGRAL THEORY FOR SUPERSONIC TURBULENT CASE FLOWS
AIAA JOURNAL V8 N7 PP1343-1351 JUL 1968
BY ALDEN I E
LEES L
OAR ACCESS NO.....007503-008
DOC NUMBER.....AD677752
INSTR...AF-49/638/0129
PROJECT/TASK.....9761/02

AFOSR 68-2430
STANFORD UNIVERSITY
CONFIGURATIONAL DISTRIBUTIONS FOR FINITE CHAIN MOLECULES
JOURNAL POLYMER SCIENCE N25 PT C PP49-72 1968
BY JENNIGAN H L
FLORY P J
OAR ACCESS NO.....010391-046
DOC NUMBER.....AD677631
INSTR...AF-49/638/01341
PROJECT/TASK.....9760/03

AFOSR 68-2431
WISCONSIN UNIVERSITY OF
ORGANOMETALLIC SULFUR COMPLEXES XII STRUCTURE OF A
HEXAMERIC MERCAPTOSULFONATE CARBOXYL SULFIDE COMPLEX
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N15 PP3377-3383 17
JUL 1968
BY WEI C M
DAM L F
OAR ACCESS NO.....014421-008
DOC NUMBER.....AD677903
INSTR...AF-AFOSR-0518-08
PROJECT/TASK.....9710/01

AFOSR 68-2432
STANFORD UNIVERSITY
ON THE STATIONARY SOLUTIONS OF THE NAVIER-STOKES EQUATIONS
IN TWO DIMENSIONS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V25 N1 PP26-39
OAR ACCESS NO.....019230-019
DOC NUMBER.....AD677984
INSTR...AF-69/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-2433
BRANDEIS UNIVERSITY
THEORY OF A LOW-DENSITY BOSE LIQUID
ANNALS OF PHYSICS V42 N2 PP29A-31A APRIL 1967
BY AMIT D J
GROSS E P
OAR ACCESS NO.....020213-001
DOC NUMBER.....AD677952
INSTR...AF-AFOSR-1370-08
PROJECT/TASK.....9767/01

AFOSR 68-2434
COLORADO UNIVERSITY OF
IMPLICIT SUBMANIFOLDS
JOURNAL OF MATHEMATICS AND MECHANICS V19 N3 PP229-236
SEPTEMBER 1968
BY WILSON F W JR
OAR ACCESS NO.....020420-003
DOC NUMBER.....AD677821
INSTR...AF-AFOSR-1243-07
PROJECT/TASK.....9749/01

AFOSR 68-2435
UNIVERSITY OF WASHINGTON
CONVEX FUNCTIONS ON CONVEX POLYTOPES
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY V19 N4 PP8
AUGUST 1968
BY GALT D
KLEE V
ROCKAFELLAR R T
OAR ACCESS NO.....022561-002
DOC NUMBER.....AD678002
INSTR...AF-AFOSR-1202-07
PROJECT/TASK.....9749/01

AFOSR 68-2436
UNIVERSITY OF WASHINGTON
QUALITY IN NONLINEAR PROGRAMMING
MATHEMATICS OF THE DECISION SCIENCES PART 1 LECTURES IN APP
MATHEMATICS VII AMERICAN MATH SOCIETY PP491-492 1968
BY ROCKAFELLAR R T
OAR ACCESS NO.....022561-003
DOC NUMBER.....AD678005
INSTR...AF-AFOSR-1202-07
PROJECT/TASK.....9749/01

AFOSR 68-2438
WASHINGTON UNIVERSITY OF
A GENERAL CORRESPONDENCE BETWEEN DUAL MINIMAX PROBLEMS
AND CONVEX PROGRAMS
PACIFIC JOURNAL OF MATHEMATICS V25 N3 PP597-611 1969
BY ROCKAFELLAR R T
OAR ACCESS NO.....022561-004
DOC NUMBER.....AD678010
INSTR...AF-AFOSR-1202-07
PROJECT/TASK.....9749/01

AFOSR 68-2439
PRINCETON UNIVERSITY
INTEGRALS WHICH ARE CONVEX FUNCTIONS
PACIFIC JOURNAL OF MATHEMATICS V28 N3 PP525-531 1968
BY ROCKAFELLAR R T
OAR ACCESS NO.....022560-003
DOC NUMBER.....AD677873
INSTR...AF-AFOSR-1105-05
PROJECT/TASK.....9749/01

AFOSR 68-2440
WASHINGTON UNIVERSITY OF
CONVEX PROGRAMMING AND SYSTEMS OF ELEMENTARY MONOTONIC
RELATIONS
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS V19 N3
PP583-588 SEPTEMBER 1967
BY ROCKAFELLAR R T
OAR ACCESS NO.....022561-005
DOC NUMBER.....AD678007
INSTR...AF-AFOSR-1202-07
PROJECT/TASK.....9749/01

AFOSR 68-2441
LOUISIANA STATE UNIVERSITY OF
OPTIMAL TUNING OF PROPORTIONAL DIGITAL CONTROLLERS
INSTRUMENTS & CONTROL SYSTEMS V11 PP77-102 OCTOBER 1968
BY LIPPIZ A M
MUNWILL D W
SMITH C L
OAR ACCESS NO.....024300-001
DOC NUMBER.....AD678278
INSTR...AF-69/638/01345
PROJECT/TASK.....9749/01

AFOSR 68-2442
UNIVERSITY OF CALIFORNIA
1,3-ASYMMETRIC INDUCTION IN STEREOSPECIFIC ADDITION POLYMER
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N15 PP4011-4018 17
JULY 1968
BY LEITEHEG T J
CHAM D J
OAR ACCESS NO.....011701-007
DOC NUMBER.....AD677977
INSTR...AF-AFOSR-0124-05
PROJECT/TASK.....9762/02

AFOSR 68-2443
UNIVERSITY OF CALIFORNIA
STUDIES IN STEREOCHEMISTRY XXXVIII OPEN-CHAIN VS CYCLIC
MODELS FOR 1,3-ASYMMETRIC INDUCTION IN ADDITION REACTIONS
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N15 PP4019-4026
17 JULY 1968
BY LEITEHEG T J
CHAM D J
OAR ACCESS NO.....011701-008
DOC NUMBER.....AD677978
INSTR...AF-AFOSR-0124-05
PROJECT/TASK.....9762/02

AFOSR 68-2444
UNIVERSITY OF CALIFORNIA
A GENERAL 2-TRANSFORM FORMULA FOR SAMPLED-DATA SYSTEMS
IEEE TRANSACTIONS VAC-12 N5 PP606-608 OCTOBER 1967
BY JURY E I
OAR ACCESS NO.....000224-005
DOC NUMBER.....AD677963
INSTR...AF-AFOSR-0292-06
PROJECT/TASK.....9749/01

AFOSR 68-2446
ILLINOIS UNIVERSITY OF
SONIC DETECTION OF A PULSED WATER VAPOR LASER
PROCEEDINGS OF THE IEEE V56 N4 PP740-741 APRIL 1968
BY JOHNSON C J
AKITT D P
OAR ACCESS NO.....000194-001
DOC NUMBER.....AD677819
INSTR...AF-AFOSR-0272-07
PROJECT/TASK.....9767/02

AFOSR 68-2447
YALE UNIVERSITY
CALCULATION OF ELECTRON SHAKE-OFF FOR ELEMENTS FROM Z EQUAL
WITH THE USE OF SELF-CONSISTENT-FIELD WAVE FUNCTIONS
THE PHYSICAL REVIEW V169 N1 PP27-36 5 MAY 1968
BY CARLSON F A
NESTON C W JR
TUCKER T C
MALIK F B
OAR ACCESS NO.....012315-014
DOC NUMBER.....AD677956
INSTR...AF-AFOSR-0249-01
PROJECT/TASK.....9767/02

AFOSR 68-2448
UNIVERSITY OF CALIFORNIA
NONE ON UNCERTAINTY FEEDBACK THE UNLIMITED CASE
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-14 N2 PP321-324
MARCH 1968
BY TUNIC G L
OAR ACCESS NO.....013152-003
DOC NUMBER.....AD677876
INSTR...AF-AFOSR-0230-06
PROJECT/TASK.....9749/01

AFOSR 68-2449
COLUMBIA UNIVERSITY
CYCLOPENTANONES & REACTION OF 2,2-DIMETHYLCYCLOPENTANONE
AND 4-METHYLPYRROLE A NEW ENTRY INTO THE TROPINONE SERIES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 PP4499 1968
BY TUNIC G L
EDLSON S S
OAR ACCESS NO.....019401-001
DOC NUMBER.....AD677871
INSTR...AF-AFOSR-1381-08
PROJECT/TASK.....9760/02

AFOSR 68-2450
UNIVERSITY OF CALIFORNIA
STUDIES ON SEQUENTIAL DETECTION SYSTEMS WITH UNCERTAINTY
FEEDBACK
IEEE TRANSACTIONS ON INFORMATION THEORY VIT-14 N1 PP63-70
JANUARY 1968
BY HAYS J F
OAR ACCESS NO.....013151-002
DOC NUMBER.....AD677891
INSTR...AF-AFOSR-0230-04
PROJECT/TASK.....9749/01

AFOSR 68-2451
UNIVERSITY OF SOUTHERN CALIFORNIA
RECENT RESULTS IN LINEAR AND NON-LINEAR FILTERING
STOCHASTIC PROBLEMS IN CONTROL AMERICAN AUTOMATIC CONTROL
COUNCIL 345 EAST 47TH ST NEW YORK N Y C3 PP47-104 1968
BY HUEY H S
OAR ACCESS NO.....021751-004
DOC NUMBER.....AD677957
INSTR...AF-AFOSR-1244-07
PROJECT/TASK.....9749/01

AFOSR 68-2452
YEMIVA UNIVERSITY
SINGLE-TRIPLET FORMULATION FOR DILUTE MAGNETIC ALLOYS II
THE ANDERSON MODEL
THE PHYSICAL REVIEW V168 N2 PP508-523 10 APR 1968
BY FISICH M
HORNITZ G
OAR ACCESS NO.....005833-016
DOC NUMBER.....AD678022
INSTR...AF-AFOSR-0508-66
PROJECT/TASK.....9767/01

AFOSR 68-2453
INSTITUTE FOR ADVANCED STUDY
CHARACTERIZATION OF OPERATIONS ON AN ALGEBRA OF MEASURES II
MATH 2 V105 PP301-306 1968
BY DIAMOND H C
OAR ACCESS NO.....021610-006
DOC NUMBER.....AD677874
INSTR...AF-AFOSR-1071-66
PROJECT/TASK.....9749/02

AFOSR 68-2454
UNIVERSITY OF CALIFORNIA
THE PARADOX TEST FOR ABSOLUTE STABILITY
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 N3 PP312-314
JUNE 1967
BY ROSEN A R
SAPIRO M A
OAR ACCESS NO.....013152-004
DOC NUMBER.....AD677960
INSTR...AF-AFOSR-0230-66
PROJECT/TASK.....9749/01

AFOSR 68-2455
NORTHWESTERN UNIVERSITY
DIFFRACTION OF A PLANE PULSE BY A CLOSED CRACK AT THE
INTERFACE OF ELASTIC SOLIDS
ZAMM V68 N3 PP173-185 1968
BY FREUND L B
ACHENBACH J D
OAR ACCESS NO.....012745-006
DOC NUMBER.....AD677959
INSTR...AF-AFOSR-0100-67
PROJECT/TASK.....9767/01

AFOSR 68-2456
UNIVERSITY OF NOTRE DAME
CONFORMATIONAL FREE ENERGIES OF THE FORMYL HYDROXYMETHYL AC
HYDROXYL GROUPS AS DETERMINED BY THE EQUILIBRATION METHOD
CHEMICAL COMMUNICATIONS PP360-361 1968
BY ELIEL E L
NEILSON D G
GILBERT E C
OAR ACCESS NO.....015091-004
DOC NUMBER.....AD677992
INSTR...AF-AFOSR-0772-67
PROJECT/TASK.....9762/01

AFOSR 68-2457
UNIVERSITY OF MINNESOTA
LOCAL BEHAVIOR OF SOLUTIONS OF QUASILINEAR HARNACK
EQUATIONS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V25 N2 PP11-122
1967
BY ARONSON D G
SERRIN J
OAR ACCESS NO.....017310-028
DOC NUMBER.....AD677852
INSTR...AF-AFOSR-0883-65
PROJECT/TASK.....9749/02

AFOSR 68-2458
UNIVERSITY OF CALIFORNIA
BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF NONLINEAR
TIME-VARYING DISCRETE CONTROL SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 N4 PP423-427
AUGUST 1967
BY LIN J
VARAIYA P P
OAR ACCESS NO.....000224-006
DOC NUMBER.....AD668780
INSTR...AF-AFOSR-0242-66
PROJECT/TASK.....9749/01

AFOSR 68-2459
UNIVERSITY OF CALIFORNIA
A NOTE ON MULTIPLE SAMPLED-DATA SYSTEMS
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-12 N3 PP319-320
JUNE 1967
BY JURY E I
OAR ACCESS NO.....000224-007
DOC NUMBER.....AD677962
INSTR...AF-AFOSR-0292-66
PROJECT/TASK.....9749/01

AFOSR 68-2460
UNIVERSITY OF CALIFORNIA
LUMPED NETWORK PASSIVITY CRITERIA
IEEE TRANSACTIONS ON CIRCUIT THEORY VCT-15 N1 PP24-30 MARCH
JUNE 1968
BY ROHRER M A
OAR ACCESS NO.....022750-003
DOC NUMBER.....AD677974
INSTR...AF-AFOSR-1219-67
PROJECT/TASK.....9749/01

AFOSR 68-2461
WISCONSIN UNIVERSITY OF
ORGANOMETALLIC SULFUR COMPLEXES X STRUCTURAL AND BONDING
CHARACTERIZATION OF A TRIMERIC MERCAPTOSULFONATE CARBONYL
COMPLEX CONTAINING A NEW BASIC POLYMERAL UNIT FOR A
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N18 PP3980-3989 17
JUL 1968
BY WEI C H
DAHL L F
OAR ACCESS NO.....014421-009
DOC NUMBER.....AD678024
INSTR...AF-AFOSR-0516-66
PROJECT/TASK.....9710/01

AFOSR 68-2462
UNIVERSITY OF CALIFORNIA
OPTIMAL MATCHING A NEW APPROACH TO THE MATCHING PROBLEM
FOR REAL LINEAR TIME-INVARIANT ONE-PORT NETWORKS
IEEE TRANSACTIONS ON CIRCUIT THEORY VCT-15 N2 PP116-124
JUNE 1968
BY ROHRER M A
OAR ACCESS NO.....022750-004
DOC NUMBER.....AD677966
INSTR...AF-AFOSR-1219-67
PROJECT/TASK.....9749/01

AFOSR 68-2463
UNITED AIRCRAFT CORP
LOW-TEMPERATURE QUANTUM CORRECTIONS TO THE SECOND VIRIAL
COEFFICIENT
PHYSICS OF FLUIDS V9 N7 PP1352-1358 JUL 1968
BY MICHELIS H M
OAR ACCESS NO.....010450-006
DOC NUMBER.....AD678294
INSTR...AF-49/630/0113
PROJECT/TASK.....9750/01

AFOSR 68-2471
WASHINGTON UNIVERSITY OF
NUCLEAR MAGNETIC RELAXATION OF F-19 IN RARE EARTH DOPED
LANTHANUM TRIFLUORIDE
PHYSICAL REVIEW V172 N2 PP259-264 10 AUGUST 1968
BY SHEN L
OAR ACCESS NO.....002193-003
DOC NUMBER.....AD678069
INSTR...AF-AFOSR-1114-66
PROJECT/TASK.....9767/01

AFOSR 68-2472
STANFORD UNIVERSITY
RESEARCH OF TWO-DIMENSIONAL TRANSONIC FLOW PATTERNS OF COMP
FLUIDS FINAL REPORT OCT 1968
BY BERGMAN S
OAR ACCESS NO.....019720-002
DOC NUMBER.....AD678192
INSTR...AF-AFOSR-1047-66
PROJECT/TASK.....9749/01

AFOSR 68-2473
UNIVERSITY OF TEXAS
SOME COMPLEMENTED FUNCTION SPACES IN C/K/
PACIFIC JOURNAL OF MATHEMATICS V24 N3 PP589-602 1968
BY BULMERT D E
OAR ACCESS NO.....021523-002
DOC NUMBER.....AD677935
INSTR...AF-AFOSR-1109-67
PROJECT/TASK.....9749/01

AFOSR 68-2474
BRANDEIS UNIVERSITY
POINT TRANSFORMATIONS AND THE HANDED-SPHERE ROSE GAS
JOURNAL OF MATHEMATICAL PHYSICS V7 N3 PP578-582 MARCH 1966
BY EGGER F H
GROSS E P
OAR ACCESS NO.....002011-001
DOC NUMBER.....AD677935
INSTR...AF-AFOSR-0176-63
PROJECT/TASK.....9767/01

AFOSR 68-2475
BRANDEIS UNIVERSITY
VIBRATIONS OF AN ELECTRON RUMBLE IN LIQUID HELIUM
THE PHYSICAL REVIEW V170 N1 PP190-193 5 JUNE 1968
BY GROSS E P
LIT M T
OAR ACCESS NO.....002013-002
DOC NUMBER.....AD677921
INSTR...AF-AFOSR-1370-68
PROJECT/TASK.....9767/01

AFOSR 68-2476
BRANDEIS UNIVERSITY
SPACE-TIME CORRELATION FUNCTIONS FOR THE FENKOG DENSE GAS I
THE PHYSICS OF FLUIDS V11 N7 PP1387-1394 JULY 1968
BY GROSS E P
WISNIEWSKY D
OAR ACCESS NO.....002012-002
DOC NUMBER.....AD677929
INSTR...AF-AFOSR-0176-66
PROJECT/TASK.....9767/01

AFOSR 68-2477
UNIVERSITY OF CALIFORNIA
ON THE CONVERGENCE OF APPROXIMANTS TO A MARKOV CHAIN I
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V60 N1
PP60-72 MAY 1968
BY FREEDMAN D A
OAR ACCESS NO.....027570-007
DOC NUMBER.....AD677937
INSTR...AF-AFOSR-1312-67
PROJECT/TASK.....9749/02

AFOSR 68-2478
UNIVERSITY OF TEXAS
FUNCTIONAL REPRESENTATION OF TOPOLOGICAL ALGEBRAS
PACIFIC JOURNAL OF MATHEMATICS V32 N2 PP323-337 1967
BY MULLERT D E
MORRIS M D
DAR ACCESS NO.....021871-003
DOC NUMBER.....AD677934
INSTR...AF-AFOSR-1109-67
PROJECT/TASK.....9749/01

AFOSR 68-2479
RADIO PULSES FROM COSMIC RAY SHOWERS
BY BARKER P R
HAZEN W E
HENDEL A Z
SMITH M
SHAM N J
DAR ACCESS NO.....024480-002
DOC NUMBER.....AD678193
INSTR...AF-AFOSR-1400-68
PROJECT/TASK.....9751/04

AFOSR 68-2480
FRANGLIS UNIVERSITY
FERMION IMPUNITIES IN A WEAKLY INTERACTING HOSE GAS
PROCEEDINGS OF THE PHYSICAL SOCIETY V9 PP001-010 1967
BY LANGE Y
DAR ACCESS NO.....002012-003
DOC NUMBER.....AD677925
INSTR...AF-AFOSR-0178-66
PROJECT/TASK.....9767/01

AFOSR 68-2481
SYDNEY UNIVERSITY OF
ULTRA HIGH ENERGY COSMIC RADIATION FINAL REPORT NOV 1968
BY MCCUSKEN C H A
DAR ACCESS NO.....018441-00
DOC NUMBER.....AD678210
INSTR...AF-AFOSR-0676-66
PROJECT/TASK.....9751/04

AFOSR 68-2492
ROCHESTER UNIVERSITY OF
QUANTUM DYNAMICS IN PHASE SPACE
PHYS REV LETTERS V71 N3 PP180-183 15 JULY 1968
BY AGANWAL G S
WOLF E
DAR ACCESS NO.....004674-005
DOC NUMBER.....AD678026
INSTR...AF-AFOSR-1404-68
PROJECT/TASK.....9767/02

AFOSR 68-2483
CHICAGO UNIVERSITY
RE-EXAMINATION OF THE THEORETICAL INTERPRETATIONS OF THE
SPECTRA OF CRYSTALLINE BENZENE AND NADPHALENE
THE JOURNAL CHEMICAL PHYSICS V48 N12 PP5067-5082 15 JUNE 1968
BY GHEFR W L
NICE S A
JORTNER J
SELBY R
DAR ACCESS NO.....015061-030
DOC NUMBER.....AD677883
INSTR...AF-AFOSR-0781-67
PROJECT/TASK.....9760/01

AFOSR 68-2484
UNIVERSITY OF NEW YORK STATE
THE SCOPE AND AIMS OF THE INFORMATION SCIENCES AND
TECHNOLOGIES
PROCEEDINGS OF MEETING ON FID CONFERENCE 34TH MOSCOW USSR
SEPT 1968 PPI-11
BY FAIRTHORNE H A
DAR ACCESS NO.....014553-002
DOC NUMBER.....AD677858
INSTR...AF-AFOSR-1421-68
PROJECT/TASK.....9760/02

AFOSR 68-2495
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBANIONS BY THE STENOCHMISTRY OF
ALKYLATION OF 8-T-BUTYLCYCLOHEXANONE
JOURNAL ORGANIC CHEMISTRY V33 N3 PP935-942 MAR 1968
BY HOUSE H O
KERNHILLER H A
ULMSTAD H D
DAR ACCESS NO.....017171-003
DOC NUMBER.....AD678014
INSTR...AF-AFOSR-0573-66
PROJECT/TASK.....9762/02

AFOSR 68-2496
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBANIONS BY FACTORS INFLUENCING THE
RATE OF ADDITION OF DIMETHYLMAGNESIUM TO BENZOPHENONE
JOURNAL ORGANIC CHEMISTRY V33 N3 PP929-938 MAR 1968
BY HOUSE H O
OLIVER J E
DAR ACCESS NO.....017171-004
DOC NUMBER.....AD678013
INSTR...AF-AFOSR-0573-66
PROJECT/TASK.....9762/02

AFOSR 68-2487
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBANIONS BY THE ADDITION OF METHYL
ORGANOMETALLIC REAGENTS TO CYCLOHEXENONE DERIVATIVES
JOURNAL ORGANIC CHEMISTRY V33 N3 PP949-958 MAR 1968
BY HOUSE H O
RISCHLE W F JR
DAR ACCESS NO.....017171-005
DOC NUMBER.....AD678015
INSTR...AF-AFOSR-0573-66
PROJECT/TASK.....9762/02

AFOSR 68-2488
FLORIDA UNIVERSITY
NUCLEAR FUNCTION AND VELOCITY-DEPENDENT NUCLEON-NUCLEON POTENTIAL
THE PHYSICAL REVIEW V184 N4 PP1384-1391 20 DEC 1967
BY DARBUTCH G
GREEN A F S
DAR ACCESS NO.....017611-005
DOC NUMBER.....AD677951
INSTR...AF-AFOSR-0902-66
PROJECT/TASK.....9751/02

AFOSR 68-2489
PRINCETON UNIVERSITY
PROTON MAGNETIC RESONANCE SPECTRA OF METHYL PHOSPHINATES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N18 PP4647-4653 28
AUG 1968
BY LEWIS M A
KORPIUN O
MISLOW K
DAR ACCESS NO.....022000-018
DOC NUMBER.....AD678016
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 68-2490
PRINCETON UNIVERSITY
THERMAL RACEMIZATION OF DIARYL ALKYL ARYL AND DIALKYL
SULFOXIDES BY PYRAMIDAL INVERSION
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N18 PP4654-4660 28
AUG 1968
BY PAVNER O R
GORDON A J
MISLOW K
DAR ACCESS NO.....022000-019
DOC NUMBER.....AD677774
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 68-2491
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
PERHYDROINDAN DERIVATIVES IX THE DIELS-ALDER REACTION WITH
7-METHYLBINDENE DERIVATIVES
JOURNAL ORGANIC CHEMISTRY V33 N3 PP957-961 MAR 1968
BY HOUSE H O
SAUTER F J
DAR ACCESS NO.....019171-008
DOC NUMBER.....AD677779
INSTR...AF-AFOSR-0573-66
PROJECT/TASK.....9762/02

AFOSR 68-2492
CALIFORNIA UNIVERSITY OF
TRANSPORT COEFFICIENTS OF DEGENERATE PLASMA
THE PHYSICAL REVIEW V170 N1 PP306-319 5 JUNE 1968
BY LAMPE M
DAR ACCESS NO.....004614-008
DOC NUMBER.....AD677787
INSTR...AF-AFOSR-0130-66
PROJECT/TASK.....9762/01

AFOSR 68-2493
MINNESOTA UNIVERSITY OF
THEORETICAL RESEARCH IN KINETIC THEORY AND RAREFIED GAS
DYNAMICS
BY LUNOGREN T S
DAR ACCESS NO.....027720-005
DOC NUMBER.....AD678194
INSTR...AF-33/615/02341
PROJECT/TASK.....9749/01

AFOSR 68-2494
WASHINGTON UNIVERSITY OF
COLLISIONAL ENERGY TRANSFER IN THERMAL UNIMOLECULAR SYSTEMS
DILUTION EFFECTS AND FALLOFF REGION
THE JOURNAL CHEMICAL PHYSICS V48 N3 PP1282-1301 1 FEB 1968
BY TARDY O C
HADINOVITCH B S
DAR ACCESS NO.....020020-004
DOC NUMBER.....AD678277
INSTR...AF-49/618/01633
PROJECT/TASK.....9760/02

AFOSR 68-2495
PRINCETON UNIVERSITY
STEREOCHEMISTRY OF 9-DIMETHYLAMINO-9,10-DIHYDRO-9,10-
DIMETHYLPHENANTHRENE
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N18 PP4844-4846 28
AUG 1968
BY JOSHUA M
GANS M
MISLOW K
DAR ACCESS NO.....022000-020
DOC NUMBER.....AD677773
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 68-2496
PRINCETON UNIVERSITY
SYNTHESIS AND ABSOLUTE CONFIGURATION OF OPTICALLY ACTIVE
PHOSPHINE OXIDES AND PHOSPHINATES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N18 PP4847-4848 AUG
1968
BY KORPIUN O
LEWIS M A
CHICKOS J
MISLOW K
DAR ACCESS NO.....022000-021
DOC NUMBER.....AD677772
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 68-2497
PRINCETON UNIVERSITY
THE THERMAL RACEMIZATION OF ALLYLIC SULFOXIDES AND THE
INTERCONVERSION OF ALLYLIC SULFOXIDES AND SULFENATES
MECHANISM AND STEREOCHEMISTRY
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N18 PP4869-4876 29
AUG 1968
BY BICKART P
CARSON F W
JACOBUS J
MILLER E G
NISLOW K
OAR ACCESS NO.....022000-022
DOC NUMBER.....AD678017
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 68-2498
PRINCETON UNIVERSITY
THERMAL RACEMIZATION OF BENZYL P-TOLYL SULFOXIDE AND
THERMAL REARRANGEMENT OF BENZYL P-TOLUENESULFENATE
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N18 PP4861-4868 28
AUG 1968
BY MILLER E G
RAYNER O R
THOMAS H T
NISLOW K
OAR ACCESS NO.....022000-023
DOC NUMBER.....AD678018
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 68-2499
PRINCETON UNIVERSITY
THE ABSOLUTE CONFIGURATION OF SULFOXIDES AND SULFINATES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N18 PP4835-4842 28
AUG 1968
BY AXELROD M
BICKART P
JACOBUS J
GUFEN M M
NISLOW K
OAR ACCESS NO.....022000-024
DOC NUMBER.....AD678019
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 68-2500
PRINCETON UNIVERSITY
STEREOCHEMISTRY OF 2-DENITROBORNENONE
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N18 PP4877-4884 28
AUG 1968
BY SANOMAN D J
NISLOW K
GIDDINGS W P
DIRLAN J
HANSON G C
OAR ACCESS NO.....022000-025
DOC NUMBER.....AD678020
INSTR...AF-AFOSR-1188-67
PROJECT/TASK.....9762/01

AFOSR 68-2501
ROCHESTER UNIVERSITY OF
REALIZATION OF LIE ALGEBRAS BY ANALYTIC FUNCTIONS OF
GENERATORS OF A GIVEN LIE ALGEBRA
JOURNAL OF MATHEMATICAL PHYSICS V8 N10 PP2048-2059 OCTOBER
1967
BY CHAND P
MEHTA C L
MUKUNDA N
SUDANSHAN E C G
OAR ACCESS NO.....004624-006
DOC NUMBER.....AD678027
INSTR...AF-AFOSR-1404-68
PROJECT/TASK.....9767/02

AFOSR 68-2503
UNIVERSITY OF ADELAIDE
AN EXPERIMENTAL DETERMINATION OF THE OSCILLATOR STRENGTHS
FOR SOME TRANSITIONS IN THE LYMAN BANDS OF MOLECULAR HYDROGEN
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE
TRANSFER V8 PP1143-1200 1968
BY HADDAD G N
LOKAN K M
FARMER A J D
CARVER J H
OAR ACCESS NO.....020520-002
DOC NUMBER.....AD661986
INSTR...AF-AFOSR-1131-66
PROJECT/TASK.....9767/01

AFOSR 68-2504
STANFORD UNIVERSITY
GYMATOR AND STATE-VARIABLE RESULTS FOR LINEAR INTEGRATED
CIRCUITS
PROCEEDINGS IEEE V55 INSTITUTIONS 1967 RADIO AND
ELECTRONICS ENGINEERING CONVENTION SYDNEY AUSTRALIA/
PP143-150 MAY 1968
BY NECOMB R W
ANDERSON B D O
OAR ACCESS NO.....011062-006
DOC NUMBER.....AD678274
INSTR...F44620-67-C-0001
PROJECT/TASK.....9762/01

AFOSR 68-2505
STANFORD UNIVERSITY
IMPROVED SYNTHESIS VIA STATE-SPACE TECHNIQUES
PROCEEDINGS IEEE V55 N7 PP928-932 JULY 1968
BY ANDERSON B D O
NECOMB R W
OAR ACCESS NO.....011062-007
DOC NUMBER.....AD678275
INSTR...F44620-67-C-0001
PROJECT/TASK.....9762/01

AFOSR 68-2507
CALIFORNIA UNIVERSITY OF
EXTENSIONS OF CLASSICAL MATRIX INEQUALITIES
LINEAR ALGEBRA AND ITS APPLICATION V1 N3 PP421-444 JULY
1968
BY MARCUS M
MINC M
OAR ACCESS NO.....014931-013
DOC NUMBER.....AD678219
INSTR...AF-AFOSR-0698-67
PROJECT/TASK.....9749/01

AFOSR 68-2508
TECHNISCHE HOCHSCHULE IN WIRN
INSTABILITY AND NON-MONOTONICITY PHENOMENA IN
DISCRETIZATIONS TO BOUNDARY-VALUE PROBLEMS
NUMERISCHE MATHEMATIK V12 N1 PP139-143 AUGUST 1968
BY STETTER H J
OAR ACCESS NO.....001114-002
DOC NUMBER.....AD678276
INSTR...AF-61/052/00960
PROJECT/TASK.....9749/01

AFOSR 68-2509
CASE WESTERN RESERVE UNIVERSITY
FORMATION AND OXIDATION OF ALKYL RADICALS BY COBALT (II)/
COMPLEXES
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N19 PP5196-5207 11
SEP 1968
BY LANDE S S
KOCHI J K
OAR ACCESS NO.....013161-001
DOC NUMBER.....AD678073
INSTR...AF-AFOSR-1347-68
PROJECT/TASK.....9710/02

AFOSR 68-2510
CASE WESTERN RESERVE UNIVERSITY
FREE RADICALS IN THERMAL AND PHOTOCHEMICAL OXIDATIVE
DECARBOXYLATIONS WITH LEAD (IV)
JOURNAL AMERICAN CHEMICAL SOCIETY V83 N25 PP6539-6547 6 DEC
1967
BY KOCHI J K
BACHA J D
RETHEA T W III
OAR ACCESS NO.....013161-002
DOC NUMBER.....AD678074
INSTR...AF-AFOSR-1347-68
PROJECT/TASK.....9710/02

AFOSR 68-2511
CASE WESTERN RESERVE UNIVERSITY
PHOTOCHEMICAL DECARBOXYLATION OF ACIDS WITH THALLIUM(III)/
JOURNAL ORGANIC CHEMISTRY V33 N1 PP75-82 JAN 1968
BY KOCHI J K
RETHEA T W III
OAR ACCESS NO.....013161-003
DOC NUMBER.....AD678075
INSTR...AF-AFOSR-1347-68
PROJECT/TASK.....9710/02

AFOSR 68-2512
UNIVERSITY OF CALIFORNIA
CO CHEMILUMINESCENCE FROM FLAMES
THE JOURNAL CHEMICAL PHYSICS V49 N2 PP653-661 15 JAN 1968
BY HECKER K H
DAMES K D
OAR ACCESS NO.....009881-004
DOC NUMBER.....AD677976
INSTR...AF-AFOSR-0687-64
PROJECT/TASK.....9760/02

AFOSR 68-2513
COLUMBIA UNIVERSITY
CYCLOPROPANONES--IX REACTIONS OF ACIDS AND AMINES WITH
CYCLOPROPANONE AND SOME ALKYL CYCLOPROPANONES
TETRAHEDRON V24 PP6029-6035 1968
BY TUNNO N J
HAMMOND W H
OAR ACCESS NO.....019800-013
DOC NUMBER.....AD677958
INSTR...AF-AFOSR-1000-65
PROJECT/TASK.....9760/02

AFOSR 68-2514
UNIVERSITY OF MASSACHUSETTS
TRANSITION STUDIES OF POLY 2,2-DIMETHYL-1,4-PHENYLENE ETHER
ANALYTICAL CALORIMETRY PP54-61 1968
BY KARAKZ F E
O'REILLY J W
DAIR H E
KLUGE R A
OAR ACCESS NO.....024410-001
DOC NUMBER.....AD677979
INSTR...AF-AFOSR-1434-68
PROJECT/TASK.....9760/02

AFOSR 68-2515
UNIVERSITY OF MASSACHUSETTS
THERMODYNAMIC PROPERTIES OF POLY 2,2-DIMETHYL-1,4-PHENYLENE
JOURNAL POLYMER SCIENCE V6 PTA-2 PP1141-1148 1968
BY KAWASZ F L
HAIR M E
O'REILLY J W
OAR ACCESS NO.....026410-002
DOC NUMBER.....AD677931
INSTR...AF-AFOSR-1434-68
PROJECT/TASK.....9760/02

AFOSR 68-2516
CALIFORNIA INSTITUTE OF TECHNOLOGY
ISOTOPES OF MAGNESIUM IN STELLAR ATMOSPHERES
ASTROPHYSICAL JOURNAL V154 N1 PP155-190 SEPTEMBER 1968
BY HOESGAARD A M
OAR ACCESS NO.....000582-004
DOC NUMBER.....AD678229
INSTR...AF-AFOSR-1401-68
PROJECT/TASK.....9776/01

AFOSR 68-2517
PENNSYLVANIA UNIVERSITY OF
THE RASS SPECTRUM OF THIOPHOSPHORYL TETRACARBONYL COBALT
INORGANIC CHEMISTRY V7 NS PP1065-1067 AUG 1968
BY BAALFELD F E
HAGEN A P
MCDOWELL M V
MACDIARMID A G
OAR ACCESS NO.....019330-003
DOC NUMBER.....AD678798
INSTR...AF-49/638/01519
PROJECT/TASK.....9710/02

AFOSR 68-2518
STANFORD UNIVERSITY
A FINITE-DIFFERENCE METHOD FOR DEGENERATE
ELLIPTIC-PARABOLIC EQUATIONS
SIAM J NUMER ANAL V5 N2 PP211-218 JUNE 1968
BY MILL C D
CANNON J R
OAR ACCESS NO.....019230-010
DOC NUMBER.....AD678802
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-2519
AUCKLAND UNIVERSITY
RADIOLYSIS OF NEUTRAL AQUEOUS SOLUTIONS OF CYSTEINE IN THE
PRESENCE OF OXYGEN
CHEMICAL COMMUNICATIONS PP826-827 1968
BY PACKER J E
WINCHESTER R V
OAR ACCESS NO.....019940-001
DOC NUMBER.....AD678032
INSTR...AF-AFOSR-0950-65
PROJECT/TASK.....9760/02

AFOSR 68-2521
PRINCETON UNIVERSITY
ON THE CONVECTIVE INSTABILITY OF A GASEOUS STAR /FRENCH/
ANNALES D-ASTROPHYSIQUE V31 N3 PP251-256 MAY-JUNE 1968
BY TASSOUL M
TASSOUL J L
OAR ACCESS NO.....016500-033
DOC NUMBER.....AD678280
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 68-2522
CASE WESTERN RESERVE UNIVERSITY
CERUM /IV/ ACETATE
JOURNAL INORGANIC AND NUCLEAR CHEMISTRY V30 PP886-886 1968
BY HAY N E
KUCHI J K
OAR ACCESS NO.....013161-004
DOC NUMBER.....AD678033
INSTR...AF-AFOSR-1347-68
PROJECT/TASK.....9710/02

AFOSR 68-2523
STANFORD UNIVERSITY
ON THE LINEARIZED HYDRODYNAMICAL EQUATIONS IN TWO
DIMENSIONS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V25 N1 PP1-25
1967
BY FINN R
SMITH D R
OAR ACCESS NO.....019230-011
DOC NUMBER.....AD678287
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-2524
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOMETHYL-METAL COMPOUNDS VIII INSERTION OF HALOCARBENES
INTO THE MERCURY-HALOGEN BOND
JOURNAL ORGANOMETALLIC CHEMISTRY V14 PP43-51 1969
BY SEYFERTH D
GORDON M E
DARRAGH K V
OAR ACCESS NO.....023900-004
DOC NUMBER.....AD678012
INSTR...AF-AFOSR-1350-68
PROJECT/TASK.....9762/02

AFOSR 68-2525
STANFORD UNIVERSITY
ON THE EXTERIOR STATIONARY PROBLEM FOR THE NAVIER-STOKES
EQUATIONS AND ASSOCIATED PERTURBATION PROBLEMS
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS V19 NS PP363-40
BY FINN R
OAR ACCESS NO.....019230-012
DOC NUMBER.....AD677945
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-2526
UNIVERSITY OF MINNESOTA
A LINDELÖF THEOREM AND ANALYTIC CONTINUATION FOR FUNCTIONS
OF SEVERAL VARIABLES WITH AN APPLICATION TO THE FEYNMAN
INTEGRAL
SYMPOSIUM IN PURE MATHEMATICS V2 ENTIRE FUNCTIONS AND
RELATED PARTS ANALYSIS UNIVERSITY OF CALIFORNIA SAN DIEGO
27 JUN 68 - 22 JUL 68 PP149-158
BY CAMERON R H
STORVICK D A
OAR ACCESS NO.....000414-005
DOC NUMBER.....AD677890
INSTR...AF-AFOSR-0381-66
PROJECT/TASK.....9749/02

AFOSR 68-2527
CHICAGO UNIVERSITY
INTERACTION OF QUANTIZED VORTEX RINGS WITH QUANTIZED
VORTEX LINES IN ROTATING HE II
THE PHYSICAL REVIEW V169 N1 PP323-334 8 JANUARY 1968
BY SCHWARZ K W
OAR ACCESS NO.....016590-018
DOC NUMBER.....AD677889
INSTR...AF-AFOSR-0788-65
PROJECT/TASK.....9767/01

AFOSR 68-2528
HARVARD UNIVERSITY
ORIGIN OF HIDDEN MOMENTUM FORCES-ON MAGNETS
PHYS REV V171 NS PP1370-1375 JULY 1968
BY COLEMAN S
VAN VLECK J H
OAR ACCESS NO.....004861-067
DOC NUMBER.....AD677899
INSTR...AF-49/638/01380
PROJECT/TASK.....9767/04

AFOSR 68-2529
BRANDEIS UNIVERSITY
COVARIANT DECOMPOSITION AND ENERGY OF THE GRAVITATIONAL
FIELD /FRENCH/
ANN INST HENRI POINCARÉ V8 N3 PP269-273 1968
BY DESER S
OAR ACCESS NO.....005154-008
DOC NUMBER.....AD677933
INSTR...AF-AFOSR-0368-67
PROJECT/TASK.....9767/04

AFOSR 68-2530
CALIFORNIA UNIVERSITY OF
A QUARKS-CH-SPRINGS MODEL OF THE BARYONS
ANNALS OF PHYSICS V47 N3 PP439-457 MAY 1968
BY SHAPIRO J A
OAR ACCESS NO.....005134-032
DOC NUMBER.....AD677986
INSTR...AF-AFOSR-0232-66
PROJECT/TASK.....9767/04

AFOSR 68-2531
INSTITUTE OF BROOKLYN POLYTECHNIC
CAPACITY OF AN ADDITIVE GAUSSIAN COLORED NOISE CHANNEL
WITH NOISELESS FEEDBACK ALLERTON CONFERENCE ON CIRCUIT AND
SYSTEM THEORY UNIVERSITY OF ILLINOIS 1968
PROCEEDINGS OF THE 1968 ALLERTON CONFERENCE ON CIRCUIT AND
SYSTEM THEORY PPI-10
BY EDDY T W
WOLF J K
OAR ACCESS NO.....020310-008
DOC NUMBER.....AD678191
INSTR...AF-49/638/01600
PROJECT/TASK.....9749/01

AFOSR 68-2532
UNIVERSITY OF MIAMI
PHASE-SPACE SYMMETRIES OF A RELATIVISTIC PLASMA
II NUOVO CIMENTO SER X V56A PP323-326 21 AUG 1968
BY SANTILLI R M
OAR ACCESS NO.....027470-003
DOC NUMBER.....AD677996
INSTR...AF-AFOSR-1268-67
PROJECT/TASK.....9767/04

AFOSR 68-2533
OREGON UNIVERSITY OF
A NON-LOCAL MODEL T-MATRIX IN A QUASI-THREE-BODY REACTION
NUCLEAR PHYSICS A112 PP399-416 10 MAY 1968
BY DEUTCHMAN P A
MCCARTHY I E
OAR ACCESS NO.....017600-004
DOC NUMBER.....AD678030
INSTR...AF-AFOSR-0947-65
PROJECT/TASK.....9751/02

AFOSR 68-2534
PRINCETON UNIVERSITY
UNUSUAL POSSIBILITIES FOR THE POWER RANCHON
PHYSICAL REVIEW V167 NS PP-1342-1345 25 MARCH 1968
BY SCHWARZ J H
OAR ACCESS NO.....005123-026
DOC NUMBER.....AD677996
INSTR...AF-49/638/01545
PROJECT/TASK.....9767/04

AFOSR 68-2535
UNIVERSITY OF CALIFORNIA
ALTERNATE COEFFICIENTS CONSTRAINTS FOR STABILITY TEST
PROCEEDINGS OF THE IEEE V55 N10 PP1769-1770 OCTOBER 1967
BY J Y Y E I
GUPTA G
OAR ACCESS NO.....000224-008
DOC NUMBER.....AD677961
INSTR...AF-AFOSR-0292-66
PROJECT/TASK.....9749/01

AFOSR 68-2536
YESHIVA UNIVERSITY
TRANSPORT PROPERTIES OF A FERMI LIQUID
PHYSICAL REVIEW LETTERS V21 NS PP279-282 29 JULY 1968
BY BROOKER G A
SYKES J
OAR ACCESS NO.....008834-002
DOC NUMBER.....AD678023
INSTR...AF-AFOSR-1410-68
PROJECT/TASK.....9767/01

AFOSR 68-2837
 HARVARD UNIVERSITY
 FORM FACTORS AND ELECTROMAGNETIC MASSES
 PHYSICAL REVIEW V171 N5 PP1613-1619 28 JUL 68
 BY YAN T M
 DAR ACCESS NO.....004881-088
 DDC NUMBER.....AD677966
 INSTR...AF-AFOSR-0232-66
 PROJECT/TASK.....9767/04

AFOSR 68-2838
 UNIVERSITY OF CALIFORNIA
 STRUCTURE AND EXTENSIONS OF A THEORY OF CURRENTS
 PHYSICAL REVIEW V170 N5 PP1383-1389 25 JUNE 1968
 BY BARDACI K
 PRISHMAN Y
 MALPERN M R
 DAR ACCESS NO.....005134-033
 DDC NUMBER.....AD677966
 INSTR...AF-AFOSR-0232-66
 PROJECT/TASK.....9767/04

AFOSR 68-2839
 BROWN UNIVERSITY
 SENSITIVITY AND STABILITY ANALYSIS ON A FINITE TIME
 INTERVAL
 PROCEEDINGS OF THE IPAC SYMPOSIUM ON SYSTEM SENSITIVITY AND
 ADAPTIVITY 2ND DUBROVNIK AUGUST 1968 PP2-8
 BY WEISS L
 DAR ACCESS NO.....023990-002
 DDC NUMBER.....AD677877
 INSTR...AF-AFOSR-1344-69
 PROJECT/TASK.....9749/01

AFOSR 68-2840
 HARVARD UNIVERSITY
 THE SCHOOL TEACHER A LINK TO CHINAS FUTURE
 CURRENT SCENE DEVELOPMENTS IN MAINLAND CHINA GREEN PAGODA
 PRESS LTD HONG KONG V3 N19 PP1-15 1 MAY 1965
 BY SIEM M
 DAR ACCESS NO.....019140-011
 DDC NUMBER.....AD678290
 INSTR...AF-AFOSR-01399
 PROJECT/TASK.....9779/02

AFOSR 68-2841
 UNIVERSITY OF TEXAS
 RECURSIVE COMPUTATIONS FOR THE OPTIMAL TRACKING OF
 TIME-VARYING PARAMETERS
 IEEE TRANSACTIONS ON INFORMATION THEORY V17-14 N3 PP14-515
 MAY 1968
 BY MILORDN C G JR
 LAINIOTIS D G
 DAR ACCESS NO.....015242-087
 DDC NUMBER.....AD677888
 INSTR...AF-AFOSR-0766-67
 PROJECT/TASK.....9751/00

AFOSR 68-2842
 UNIVERSITY OF ILLINOIS
 PRODUCTION OF UNIFORM DROPLETS BY MEANS OF AN ION DRAG PUMP
 REVIEW SCIENTIFIC INSTRUMENTS V34 N4 PP1048-1089 AUG 1968
 BY HENDRICKS C D
 TSUI J R Y
 DAR ACCESS NO.....013242-007
 DDC NUMBER.....AD678000
 INSTR...AF-AFOSR-0107-66
 PROJECT/TASK.....9752/01

AFOSR 68-2843
 HARVARD UNIVERSITY
 AGRICULTURE AS THE FOUNDATION
 WORLD POLITICS V18 N4 PP761-779 JULY 1966
 BY VOGEL E F
 DAR ACCESS NO.....019140-013
 DDC NUMBER.....AD678292
 INSTR...AF-AFOSR-01399
 PROJECT/TASK.....9779/02

AFOSR 68-2844
 STANFORD UNIVERSITY
 EXISTENCE AND NONUNIQUENESS OF RECTANGULAR SOLUTIONS OF THE
 PROBLEM
 ARCHIVE FOR NATIONAL MECHANICS AND ANALYSIS V29 N1 PP32-57
 BY HABINOWITZ P M
 DAR ACCESS NO.....019230-011
 DDC NUMBER.....AD677946
 INSTR...AF-AFOSR-01345
 PROJECT/TASK.....9749/02

AFOSR 68-2845
 INT-UNIV SEMINAR ON ARM FORCE AND SOC INC
 THE ISRAELI ARMY IN POLITICS THE PERSISTENCE OF THE
 CIVILIAN OVER THE MILITARY
 WORLD POLITICS V20 N4 PP606-645 JULY 1968
 BY PERLMUTTER A
 DAR ACCESS NO.....020362-001
 DDC NUMBER.....AD677804
 INSTR...AF-AFOSR-1337-67
 PROJECT/TASK.....9779/02

AFOSR 68-2846
 PITTSBURGH UNIVERSITY OF
 BUREAUCRATIC CONSERVATISM AND INNOVATION IN EASTERN EUROPE
 COMPARATIVE POLITICAL STUDIES V1 A2 PP275-294 JULY 1968
 BY BECK C
 DAR ACCESS NO.....018690-001
 DDC NUMBER.....AD678029
 INSTR...AF-AFOSR-0027-64
 PROJECT/TASK.....9779/02

AFOSR 68-2847
 INSTITUTE FOR ADVANCED STUDY
 THREE-BODY FORCES IN NUCLEAR MATTER
 PHYSICAL REVIEW LETTERS V21 N7 PP450-453 12 AUG 1968
 BY MCKELLAR B M J
 RAJARAMAN R
 DAR ACCESS NO.....007789-006
 DDC NUMBER.....AD677859
 INSTR...AF-AFOSR-1368-68
 PROJECT/TASK.....9761/01

AFOSR 68-2848
 HARVARD UNIVERSITY
 RECIPROCAL BOOTSTRAP OF THE VECTOR AND TENSOR TRAJECTORIES
 FROM SUPERCONVERGENCE
 PHYSICS LETTERS V27A N2 PP99-102 10 JUN 1968
 BY ADENOLLO M
 RUDINSTEIN H R
 VENEZIANO G
 VIRASORO M A
 DAR ACCESS NO.....004881-088
 DDC NUMBER.....AD677962
 INSTR...AF-AFOSR-01380
 PROJECT/TASK.....9767/04

AFOSR 68-2849
 NORTH DAKOTA STATE UNIVERSITY
 RETENTION OF OPINION CHANGE AS A FUNCTION OF DIFFERENTIAL
 SOURCE CREDIBILITY
 INTERNATIONAL JOURNAL OF PSYCHOLOGY V3 N2 PP103-108 1968
 BY WHITTAKER J D
 MEADE R J
 DAR ACCESS NO.....016360-007
 DDC NUMBER.....AD678222
 INSTR...AF-AFOSR-0762-65
 PROJECT/TASK.....9779/02

AFOSR 68-2850
 UNIVERSITY OF MIAMI
 A GENERAL STUDY OF THE WIGNER COEFFICIENTS OF SU(1,1)
 ANNALS OF PHYSICS V47 N2 PP205-231 APRIL 1968
 BY HOLMAN W J III
 WIEDENMANN L C JR
 DAR ACCESS NO.....027470-002
 DDC NUMBER.....AD664307
 INSTR...AF-AFOSR-1268-67
 PROJECT/TASK.....9767/04

AFOSR 68-2851
 SPACE SCIENCES INCORPORATED
 THERMAL ESCAPE PROBLEM II TRANSITION DOMAIN IN SPHERICAL
 GEOMETRY
 PHYSICS FLUIDS VII N6 PP1327-1336 JUN 1968
 BY ZIFRING S
 HU P N
 SHEINBLATT M
 DAR ACCESS NO.....012391-006
 DDC NUMBER.....AD678284
 INSTR...AF-AFOSR-01666
 PROJECT/TASK.....9763/01

AFOSR 68-2852
 HARVARD UNIVERSITY
 MODERNISATION AND THE MAOIST VISION - SOME REFLECTIONS ON
 CHINESE COMMUNIST GOALS
 CHINA QUARTERLY N21 PP3-19 JAN-MAR 1965
 BY SCHWARTZ B
 DAR ACCESS NO.....019140-012
 DDC NUMBER.....AD678260
 INSTR...AF-AFOSR-01399
 PROJECT/TASK.....9779/02

AFOSR 68-2853
 GENERAL ELECTRIC CO
 MOLECULAR VELOCITY DISTRIBUTION-FUNCTION MEASUREMENTS IN A
 FLOWING GAS
 PHYSICS OF FLUIDS VII N1 PP64-76 JAN 1968
 BY MUNTZ E P
 DAR ACCESS NO.....010901-001
 DDC NUMBER.....AD678265
 INSTR...AF-AFOSR-01546
 PROJECT/TASK.....9763/01

AFOSR 68-2854
 STOCKHOLM UNIVERSITY OF
 PERCEIVED BRIGHTNESS AS A FUNCTION OF DURATION OF
 DARK-ADAPTATION
 PERCEPTUAL AND MOTOR SKILLS V23 PP931-943 1966
 BY EKMAN G
 HOSMAN J
 BERGLUND V
 DAR ACCESS NO.....003843-004
 DDC NUMBER.....AD678297
 INSTR...AF-61/052/00078
 PROJECT/TASK.....9778/01

AFOSR 68-2855
 STANFORD UNIVERSITY
 ELECTROSTATIC PROBE MEASUREMENTS IN FLOWING SODIUM
 POTASSIUM-SEEDED ARGON
 AIAA JOURNAL V6 N4 PP1547-1589 AUG 1968
 BY MCKEE M B
 MITCHELL M
 DAR ACCESS NO.....020770-008
 DDC NUMBER.....AD678288
 INSTR...AF-AFOSR-01695
 PROJECT/TASK.....9752/01

AFOSR 68-2856
 STOCKHOLM UNIVERSITY OF
 PERCEIVED INTENSITY OF OODR AS A FUNCTION OF TIME OF
 ADAPTATION
 SCANDINAVIAN JOURNAL OF PSYCHOLOGY V8 PP177-186 1967
 BY EKMAN G
 BERGLUND V
 BERGLUND V
 LINQVALL T
 DAR ACCESS NO.....003843-005
 DDC NUMBER.....AD678298
 INSTR...AF-61/052/00078
 PROJECT/TASK.....9778/01

AFOSR 68-2557
STOCKHOLM UNIVERSITY OF
LOUDNESS AS A FUNCTION OF THE DURATION OF AUDITORY
STIMULATION
SCANDINAVIAN JOURNAL OF PSYCHOLOGY V7 PP201-208 1968
BY ERMAN G
BERGLUND B
BERGLUND U
OAR ACCESS NO.....003843-058
DOC NUMBER.....AD677742
INSTR...AF-61/052/00878
PROJECT/TASK.....9776/01

AFOSR 68-2558
STOCKHOLM UNIVERSITY OF
TEMPORAL INTEGRATION OF PERCEPTUAL RESPONSE TO SUPRALIMINAL
ELECTRICAL STIMULATION
SCANDINAVIAN JOURNAL OF PSYCHOLOGY V9 PP83-88 1968
BY ERMAN G
PROBERG J
FRANKENHAUSER M
OAR ACCESS NO.....003843-007
DOC NUMBER.....AD677742
INSTR...AF-61/052/00878
PROJECT/TASK.....9776/01

AFOSR 68-2559
FLORIDA UNIVERSITY
VELOCITY DEPENDENT OBER AND NUCLEON-NUCLEON SCATTERING
PHASE SHIFT IN THE BORN APPROXIMATION
NUCLEAR PHYSICS A3 N1 PP33-46 1967
BY SHARMA R D
GREEN A E S
OAR ACCESS NO.....017611-004
DOC NUMBER.....AD677778
INSTR...AF-AFOSR-0902-66
PROJECT/TASK.....9751/02

AFOSR 68-2560
FLORIDA UNIVERSITY
MODIFIED BORN APPROXIMATION AND ELASTIC SCATTERING BY WEAK
CENTRAL POTENTIALS
JOURNAL OF MATHEMATICAL PHYSICS V9 N4 PP578-585 APR 1968
BY DUTTA S K
WILSON W A
GREEN A E S
OAR ACCESS NO.....011691-008
DOC NUMBER.....AD677804
INSTR...AF-AFOSR-0083-65
PROJECT/TASK.....9774/01

AFOSR 68-2561
UNIVERSITY OF CALIFORNIA
THE CHEMICAL COMPOSITION OF PLANETARY NEBULAE
UCLA ASTRONOMICAL PAPERS V8 N3 PP209-223 1968
BY ALLER L H
CZYKAK S J
OAR ACCESS NO.....011691-008
DOC NUMBER.....AD677804
INSTR...AF-AFOSR-0083-65
PROJECT/TASK.....9774/01

AFOSR 68-2562
JOHNS HOPKINS UNIVERSITY
ON HOMOGENEOUS HARMONIC MAPS
PROCEEDINGS OF THE U S-JAPAN SEMINAR ON DIFFERENTIAL AND
FUNCTIONAL EQUATIONS W A BENJAMIN INC NEW YORK 1967
PP31-533
BY HARTMAN P
OAR ACCESS NO.....002403-012
DOC NUMBER.....AD679599
INSTR...AF-49/638/01382
PROJECT/TASK.....9749/02

AFOSR 68-2563
JOHNS HOPKINS UNIVERSITY
CONVEX SETS AND THE BOUNDED SLOPE CONDITION
PACIFIC JOURNAL OF MATHEMATICS V28 N3 PP511-522 1968
BY HARTMAN P
OAR ACCESS NO.....002403-012
DOC NUMBER.....AD677813
INSTR...AF-49/638/01382
PROJECT/TASK.....9749/02

AFOSR 68-2564
JOHNS HOPKINS UNIVERSITY
ON DISCONJUGATE DIFFERENTIAL EQUATIONS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V134 N1
PP53-70 OCTOBER 1968
BY HARTMAN P
OAR ACCESS NO.....002403-015
DOC NUMBER.....AD677820
INSTR...AF-49/638/01382
PROJECT/TASK.....9749/02

AFOSR 68-2565
SPIN DEGENERACY IN THE AND METHOD EXCITED STATES OF THE
BENZENE MOLECULE
THE JOURNAL OF CHEMICAL PHYSICS V48 N6 PP2752-2756 15 MARCH
1968
BY LUNELL S
LINDNER P
OAR ACCESS NO.....023372-016
DOC NUMBER.....AD678263
INSTR...AF-61/052/00874
PROJECT/TASK.....9767/01

AFOSR 68-2566
YEMIVA UNIVERSITY
TIME EVOLUTION OF THE TOTAL DISTRIBUTION FUNCTION OF A
ONE-DIMENSIONAL SYSTEM OF HARD RODS
THE PHYSICAL REVIEW V171 N1 PP224-235 5 JULY 1968
BY LEBOWITZ J L
PERCUS J K
SYKES J
OAR ACCESS NO.....005833-017
DOC NUMBER.....AD677780
INSTR...AF-AFOSR-0506-66
PROJECT/TASK.....9767/01

AFOSR 68-2567
YEMIVA UNIVERSITY
RANDOM SPIN SYSTEMS SOME RIGOROUS RESULTS
JOURNAL OF MATHEMATICAL PHYSICS V9 N8 PP1266-1292 AUG 1968
BY GRIFFITHS R B
LEBOVITZ J L
OAR ACCESS NO.....005833-018
DOC NUMBER.....AD677782
INSTR...AF-AFOSR-0506-66
PROJECT/TASK.....9767/01

AFOSR 68-2568
UNIVERSITY OF UPPSALA
SCALED AND CALCULATIONS ON THE HYDROGEN MOLECULE II
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY V2 PP37-47 1968
BY GRANDAS E
OAR ACCESS NO.....023372-013
DOC NUMBER.....AD677887
INSTR...AF-61/052/00874
PROJECT/TASK.....9767/01

AFOSR 68-2569
UNIVERSITY OF UPPSALA
SOLID-STATE CALCULATIONS IN UPPSALA
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY V15 PP601-668
1967
BY CALAFIS J L
OAR ACCESS NO.....023372-014
DOC NUMBER.....AD677881
INSTR...AF-61/052/00874
PROJECT/TASK.....9767/01

AFOSR 68-2570
UNIVERSITY OF UPPSALA
CALCULATIONS OF THE DOUBLET-S GROUND STATE OF THE LITHIUM
ATOM USING WAVE FUNCTIONS OF HYLLEBRANDS-TYPE
THE PHYSICAL REVIEW V169 N1 PP48-54 5 MAY 1968
BY LARSSON E
OAR ACCESS NO.....023372-015
DOC NUMBER.....AD677881
INSTR...AF-61/052/00874

AFOSR 68-2571
UNIVERSITY OF UPPSALA
UPPER AND LOWER BOUNDS AND THE GENERALIZED VARIATION-PRINCIPLE
APPROACH OF MANY-ELECTRON THEORY
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY V17 PP297-403 19
BY GOSCINSKI G
STANOGLOU G
OAR ACCESS NO.....023372-002
DOC NUMBER.....AD677947
INSTR...AF-EQAR-0050-67
PROJECT/TASK.....9767/01

AFOSR 68-2572
JOHNS HOPKINS UNIVERSITY
HANKEL FORMS IDEALIZATIONS AND HOMOMORPHIC FUNCTIONS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V134 N1
PP109-116 OCTOBER 1968
BY CALRK D N
OAR ACCESS NO.....002403-013
DOC NUMBER.....AD677850
INSTR...AF-49/638/01382
PROJECT/TASK.....9749/02

AFOSR 68-2573
UNIVERSITY OF CALIFORNIA
STABILITY OF LINEAR TIME-INVARIANT SYSTEMS
PRINCETON CONFERENCE PRINCETON UNIV 27-28 MAR 1968 PP12-14
BY DESOER C A
WU M Y
OAR ACCESS NO.....008706-007
DOC NUMBER.....AD677970
INSTR...AF-AFOSR-0139-67
PROJECT/TASK.....6751/00

AFOSR 68-2574
OXFORD UNIVERSITY
RESONANCE-RADIATION-TRAPPING EFFECTS IN A PULSED-ION LASER
ELECTRONICS LETTERS V4 N12 14 JUNE 1968
BY HUSAIN S A
OAR ACCESS NO.....000103-007
DOC NUMBER.....AD677955
INSTR...AF-EQAM-0037-65
PROJECT/TASK.....9767/02

AFOSR 68-2577
NEW YORK UNIVERSITY
COMPUTER STORAGE OF CONTOUR-MAP DATA
PROCEEDINGS OF ACM NATIONAL CONFERENCE LAS VEGAS NEVADA
27-29 AUGUST 1968 PP45-61
BY MORSE S P
OAR ACCESS NO.....010113-011
DOC NUMBER.....AD678343
INSTR...AF-AFOSR-0024-65
PROJECT/TASK.....9769/02

AFOSR 68-2578
GEORGE WASHINGTON UNIVERSITY
PLAN FOR IMPLEMENTING AN INFORMATION SYSTEM FOR MARINE
SCIENCES LITERATURE
INTERNATIONAL MARINE INFORMATION SYMPOSIUM WASHINGTON D C
31 OCT 1 NOV 1968 PP49-58
BY CALESS T W
OAR ACCESS NO.....024600-001
DOC NUMBER.....AD678837
INSTR...F44020-68-C-0035
PROJECT/TASK.....9769/02

AFOSR 68-2579
UNIVERSITY OF ILLINOIS
AN AXIOMATIC EXPLANATION OF COMPLETE SELF-REPRODUCTION
THE BULLETIN OF MATHEMATICAL BIOPHYSICS V30 N3 PP419-425
SEP 1968
BY LOFGREN L
OAR ACCESS NO.....012153-011
DOC NUMBER.....AD678415
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 68-2581
GULF/GENERAL ATOMIC INC
INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND
SURFACES FINAL REPORT OCT 1968
BY SMITH J N JR
OAR ACCESS NO.....000302-010
DOC NUMBER.....AD678166
INSTR...AF-49/638/01435
PROJECT/TASK.....9763/01

AFOSR 68-2582
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
A SINUSOIDAL WAVE GENERATOR FOR DYNAMIC TESTING OF FLUIDIC
DEVICES
BY GOTTRON N M
MILLER N E
OAR ACCESS NO.....013485-001
DOC NUMBER.....AD675096
INSTR...AF-EDAR -0047-67
PROJECT/TASK.....9752/01

AFOSR 68-2583
UNIVERSITY OF ILLINOIS
AN OBJECTIVE FUNCTION FOR COMPUTER SYSTEMS SCHEDULING
OCT 1968
BCL REPORT NO 4 2
BY BIELOWSKI M
OAR ACCESS NO.....012153-012
DOC NUMBER.....AD678164
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 68-2584
PENNSYLVANIA STATE UNIVERSITY
STEREOCHEMICAL COURSE OF THE FREE-RADICAL ADDITION OF
HYDROGEN BROMIDE TO 1-CHLORO-4-T-BUTYLCYCLOHEXENE
JOURNAL ORGANIC CHEMISTRY V31 PP753-759 1966
BY READIO P D
SKELL P S
OAR ACCESS NO.....020720-001
DOC NUMBER.....AD678340
INSTR...AF-AFOSR-1036-66
PROJECT/TASK.....9762/01

AFOSR 68-2585
OKLAHOMA UNIVERSITY OF
VARIATIONAL METHODS AND BOUNDARY PROBLEMS FOR ORDINARY
LINEAR DIFFERENTIAL SYSTEMS
PROCEEDINGS OF US-JAPAN SEMINAR ON DIFFERENTIAL AND
FUNCTIONAL EQUATIONS UNIVERSITY OF MINNESOTA MINNEAPOLIS
26-30 JUNE 1967 PP267-299 1968
BY REID W T
OAR ACCESS NO.....008233-006
DOC NUMBER.....AD678539
INSTR...AF-AFOSR-0749-65
PROJECT/TASK.....9749/02

AFOSR 68-2586
COLUMBIA UNIVERSITY
CYCLOPROPANONES--VIII PREPARATION AND CHARACTERIZATION OF
CYCLOPROPANONE METHYLCYCLOPROPANONE 2
2-DIMETHYLCYCLOPROPANONE AND TETRAMETHYLCYCLOPROPANONE
TETRAMEDRON V24 PP6017-6026 1968
BY TURRO N J
HAMMOND W B
OAR ACCESS NO.....019400-014
DOC NUMBER.....AD678419
INSTR...AF-AFOSR-1000-66
PROJECT/TASK.....9760/02

AFOSR 68-2587
NEW ENGLAND INSTITUTE MEDICAL RSCH
POSITRONIUM FORMATION AND INTERACTION IN GASES
POSITRON ANNIHILATION ACADEMIC PRESS NEW YORK PP95-112
1967
BY GREEN J H
OAR ACCESS NO.....011222-001
DOC NUMBER.....AD680080
INSTR...AF-AFOSR-1195-67
PROJECT/TASK.....9767/01

AFOSR 68-2588
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
EFFECT OF SURFACE ROUGHNESS ON AXISYMMETRIC LAMINAR
SEPARATED FLOWS AT M EQUALS 5.4
SCIENTIFIC REPORT NO 1 VKI TN 41
BY SCHNELL W C
GINDOX J J
OAR ACCESS NO.....013484-001
DOC NUMBER.....AD674003
INSTR...AF-EDAR -0043-66
PROJECT/TASK.....9752/01

AFOSR 68-2589
BROWN UNIVERSITY
A NOTE ON VOLTERRA INTEGRAL EQUATIONS AND TOPOLOGICAL
DYNAMICS
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V74 N5
PP954-968 SEPTEMBER 1968
BY MILLEN N K
SELL G R
OAR ACCESS NO.....019393-010
DOC NUMBER.....AD678923
INSTR...AF-AFOSR-0693-67
PROJECT/TASK.....9749/01

AFOSR 68-2590
STANFORD UNIVERSITY
APPLICATION OF THE KERNEL FUNCTION FOR THE COMPUTATION OF
FLOWS OF COMPRESSIBLE FLUIDS
QUARTERLY OF APPLIED MATHEMATICS V24 N3 PP301-310 OCTOBER
1968
BY BERGMAN S
OAR ACCESS NO.....019780-003
DOC NUMBER.....AD678516
INSTR...AF-AFOSR-1047-66
PROJECT/TASK.....9749/01

AFOSR 68-2591
CORNELL UNIVERSITY
NORM INEQUALITIES FOR ENTIRE FUNCTIONS OF EXPONENTIAL TYPE
ORTHOGONAL EXPANSIONS & THEIR CONTINUOUS ANALOGUES SOUTHERN
ILLINOIS UNIVERSITY EDWARDSVILLE 27-29 APRIL 1967 PP143-165
OAR ACCESS NO.....015691-002
DOC NUMBER.....AD678643
INSTR...AF-AFOSR-0743-66
PROJECT/TASK.....9749/02

AFOSR 68-2594
CARNEGIE/MELLON UNIVERSITY
HIGH-RESOLUTION STUDY OF ELECTRON-IMPACT SPECTRA AT
KINETIC ENERGIES BETWEEN 33 AND 100 ELECTRON VOLT AND
SCATTERING ANGLES TO 16 DEGREES
JOURNAL OF CHEMICAL PHYSICS V48 N11 PP506a-5066 1 JUNE
1968
BY LASSETTNE E N
SKERBELE A
DILLON M A
ROSS K J
OAR ACCESS NO.....012991-002
DOC NUMBER.....AD679704
INSTR...AF-49/638/01668
PROJECT/TASK.....9767/02

AFOSR 68-2595
MELLON INSTITUTE OF RESEARCH
ON THE STABILITY OF SOLUTIONS OF FUNCTIONAL-DIFFERENTIAL
EQUATIONS
ARCHIVE FOR NATIONAL MECHANICS AND ANALYSIS V30 N3
PP173-196 1968
BY COLEMAN B D
MIZEL V J
OAR ACCESS NO.....015271-014
DOC NUMBER.....AD678414
INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 68-2596
STANFORD UNIVERSITY
ON A SUBCLASS OF THREE-DIMENSIONAL HARMONIC FUNCTIONS
DEFINED BY THE BERGMAN-WHITTAKER OPERATOR
ANNALES ACADÉMIE SCIENTIFIQUE FÉNNICAIE SERIES A I
MATHÉMATICA 419 1968
BY ROSENTHAL P L
SKWARCZYNSKI M
OAR ACCESS NO.....019720-004
DOC NUMBER.....AD678519
INSTR...AF-AFOSR-1047-66
PROJECT/TASK.....9749/01

AFOSR 68-2599
NEW YORK STATE UNIVERSITY OF
REPRESENTATION THEOREMS FOR POSITIVE RATIONAL FUNCTIONS
IEEE TRANSACTIONS ON CIRCUIT THEORY VCT-14 N3 PP340-341
SEPTEMBER 1967
BY GENST I
OAR ACCESS NO.....017550-001
DOC NUMBER.....AD678339
INSTR...AF-AFOSR-0850-65
PROJECT/TASK.....9749/01

AFOSR 68-2600
STANFORD UNIVERSITY
ON NUMERICAL CALCULATION OF TRANSONIC FLOW PATTERNS
MATHEMATICS OF COMPUTATION V22 N101 PP13-27 JANUARY 1968
OAR ACCESS NO.....019720-006
DOC NUMBER.....AD679888
INSTR...AF-AFOSR-1047-66
PROJECT/TASK.....9749/01

AFOSR 68-2601
CALIFORNIA UNIVERSITY OF
OPTIMAL FILTERING FOR GAUSS-MARKOV NOISE
INTERNATIONAL JOURNAL OF CONTROL V8 N2 PP123-130 1968
BY STEAR E H
STURBERUD A R
OAR ACCESS NO.....014981-005
DOC NUMBER.....AD678418
INSTR...AF-AFOSR-0609-67
PROJECT/TASK.....9749/01

AFOSR 68-2602
STANFORD UNIVERSITY
A REPRESENTATION OF A BOUNDED FUNCTION AS INFINITE PRODUCT
IN A DOMAIN WITH BIFURCATED-BOUNDARY SURFACES
PACIFIC JOURNAL OF MATHEMATICS V28 N1 PP177-183 1968
BY SKWARCZYNSKI M
OAR ACCESS NO.....019720-005
DDC NUMBER.....AD678523
INSTR...AF-AFOSR-1047-66
PROJECT/TASK.....9749/01

AFOSR 68-2603
MICHIGAN STATE UNIVERSITY
AN EMBODIMENT OF SOME VERTEBRATE COMMAND AND CONTROL
PRINCIPLES
CURRENTS IN MODERN BIOLOGY V2 PP81-97 1968
BY KILMER W L
MCCULLOCH W S
BLUM J
OAR ACCESS NO.....021310-002
DDC NUMBER.....AD678386
INSTR...AF-AFOSR-1023-66
PROJECT/TASK.....9749/04

AFOSR 68-2604
SYDNEY UNIVERSITY OF
EXPERIMENTAL TESTS OF THE THEORY OF AN AMPLITUDE-LIMITED
CORRELATION DETECTOR
THE RADIO AND ELECTRONIC ENGINEER V36 N2 PP71-81 2 AUGUST
1968
BY VERBURY M J
OAR ACCESS NO.....013801-005
DDC NUMBER.....AD678644
INSTR...AF-AFOSR-0302-66
PROJECT/TASK.....9774/01

AFOSR 68-2605
BOSTON UNIVERSITY
PRODUCTION OF NITROGEN MOLECULES /A-TRIPLET-SIGMA/ AND
CARBON MONOXIDE /A-TRIPLET-PI/ BY MERCURY /SINGLET-P-/
PHOTOSENSITIZATION
THE JOURNAL PHYSICAL CHEMISTRY V72 N11 PP3741-3746 OCT 1968
BY GRANZOW A
HOFFMAN M Z
LICHSTEIN M N
EASON S K
OAR ACCESS NO.....014991-002
DDC NUMBER.....AD679063
INSTR...AF-AFOSR-0769-67
PROJECT/TASK.....9780/02

AFOSR 68-2606
NIHON UNIVERSITY
THE THEORETICAL INVESTIGATIONS OF THE BLOCK DESIGNS FINAL
REPORT NOV 1968
BY OGAWA J
OAR ACCESS NO.....500860-001
DDC NUMBER.....AD678209
INSTR...MIPR -0011-67
PROJECT/TASK.....9749/02

AFOSR 68-2607
CALIFORNIA UNIVERSITY OF
SETS OF NEARLY TRIANGULAR MATRICES
DUKE MATHEMATICAL JOURNAL V35 N3 PP441-454 SEPTEMBER 1968
BY GAINES F
THOMPSON M C
OAR ACCESS NO.....014931-014
DDC NUMBER.....AD678374
INSTR...AF-AFOSR-0698-67
PROJECT/TASK.....9749/01

AFOSR 68-2608
CALIFORNIA UNIVERSITY OF
ON THE BOUNDARY POINT PRINCIPLE FOR ELLIPTIC EQUATIONS IN
THE PLANE
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY V74 N4
PP660-670 JULY 1968
BY OGDSON J K
OAR ACCESS NO.....022191-001
DDC NUMBER.....AD678351
INSTR...AF-AFOSR-1122-67
PROJECT/TASK.....9749/01

AFOSR 68-2609
MARYLAND UNIVERSITY OF
FREE SURFACE PROBLEMS IN FLUID FLOW
BY HACKIE A G
OAR ACCESS NO.....022940-003
DDC NUMBER.....AD678608
INSTR...AF-AFOSR-1194-67
PROJECT/TASK.....9749/01

AFOSR 68-2610
CALIFORNIA UNIVERSITY OF
STUDIES OF A THEORY FOR NETWORK DESIGN FINAL REPORT NOV
1968
BY ROHRER R A
OAR ACCESS NO.....022750-005
DDC NUMBER.....AD678609
INSTR...AF-AFOSR-1219-67
PROJECT/TASK.....9749/01

AFOSR 68-2612
UNIVERSITY COLLEGE
POLYGONAL AND SHEET-ROCK PLATES WITH CUT-OUTS AND COLUMN
SUPPORTS
BY QUINLAN P M
OAR ACCESS NO.....001952-009
DDC NUMBER.....AD678212
INSTR...AF-FOAR -0031-63
PROJECT/TASK.....9749/01

AFOSR 68-2613
STANFORD UNIVERSITY
ON THE BIEBERBACH CONJECTURE FOR EVEN N
JOURNAL OF MATHEMATICS AND MECHANICS V14 N6 PP975-990
NOVEMBER 1968
BY GARABEDIAN P R
ROSS G G
SCHIFFER M M
OAR ACCESS NO.....019230-014
DDC NUMBER.....AD678828
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-2614
STANFORD UNIVERSITY
ON THE FOURTH COEFFICIENT OF UNIVALENT FUNCTIONS WITH
BOUNDED BOUNDARY ROTATION
ANNALES ACADÉMIE SCIENTIFIQUE FENNICA V396 SERA PP3-26
1967
BY SCHIFFER M
TAMMI O
OAR ACCESS NO.....019230-018
DDC NUMBER.....AD678831
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-2615
STANFORD UNIVERSITY
THE FOURTH COEFFICIENT OF A BOUNDED REAL UNIVALENT FUNCTION
ANNALES ACADÉMIE SCIENTIFIQUE FENNICA V396 SERA PP4-32
1965
BY SCHIFFER M
TAMMI J
OAR ACCESS NO.....019230-018
DDC NUMBER.....AD678828
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-2616
STANFORD UNIVERSITY
THE SPAN AND PRINCIPAL FUNCTIONS IN RIEMANNIAN SPACES
JOURNAL D'ANALYSE MATHÉMATIQUE V15 PP115-134 1965
BY SARTO L
SCHIFFER M
GLASNER M
OAR ACCESS NO.....019230-017
DDC NUMBER.....AD678828
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-2617
STANFORD UNIVERSITY
UNIVALENT FUNCTIONS WHOSE N FIRST COEFFICIENTS ARE REAL
JOURNAL D'ANALYSE MATHÉMATIQUE V15 PP329-349 1967
BY SCHIFFER M
OAR ACCESS NO.....019230-018
DDC NUMBER.....AD678827
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-2618
CHICAGO UNIVERSITY
NORMAL MODE EXPANSION AND STABILITY OF COUETTE FLOW
QUARTERLY OF APPLIED MATHEMATICS V.6 N3 PP433-440 OCTOBER
1968
BY EISENFELD J
OAR ACCESS NO.....009021-004
DDC NUMBER.....AD678547
INSTR...AF-AFOSR-0712-65
PROJECT/TASK.....9749/01

AFOSR 68-2619
CALIFORNIA UNIVERSITY OF
SOME SOLUTIONS OF ELLIPTIC EXTREMAL EQUATIONS IN THE PLANE
LE MATHÉMATIQUE V23 N1 PP273-289 1968
BY OGDSON J K
OAR ACCESS NO.....022191-002
DDC NUMBER.....AD678355
INSTR...AF-AFOSR-1122-67
PROJECT/TASK.....9749/01

AFOSR 68-2620
STANFORD UNIVERSITY
VISCOUS MAGNETOHYDRODYNAMIC FLOWS
SU-IPR REPORT NO 245
BY SONJU C K
OAR ACCESS NO.....020771-001
DDC NUMBER.....AD678626
INSTR...F44620-68-C-0051
PROJECT/TASK.....9752/01

AFOSR 68-2621
STANFORD UNIVERSITY
EFFECTS OF NONELASTIC COLLISIONS IN PARTIALLY IONIZED GASES
SU-IPR REPORT NO 254
BY SHAW J F
OAR ACCESS NO.....020771-002
DDC NUMBER.....AD678627
INSTR...F44620-68-C-0051
PROJECT/TASK.....9752/01

AFOSR 68-2622
STANFORD UNIVERSITY
NONLINEAR MAGNETOELASTIC INTERACTIONS
PROCEEDINGS OF THE IEEE V53 N10 PP1517-1533 OCT 1965
BY AULD B A
OAR ACCESS NO.....0048663-006
DDC NUMBER.....AD678835
INSTR...AF-49/638/01429
PROJECT/TASK.....9768/02

AFOSR 68-2623
STANFORD UNIVERSITY
INTERACTION OF LIGHT AND MICROWAVE SOUND
PROCEEDINGS OF THE IEEE V83 N10 PP1604-1623 OCT 1965
BY QUATE C F
WILKINSON C D W
WINSLOW D K
OAR ACCESS NO.....004663-00
DOC NUMBER.....AD678833
INSTR...AF-49/638/01429
PROJECT/TASK.....9768/02

AFOSR 68-2624
PRINCETON UNIVERSITY
DIALOIS/TERIARYLPHOSPHINE/IRON/II/ COMPLEXES ISOTROPIC
PROTON MAGNETIC RESONANCE SHIFTS AND THE KINETICS OF LIGAND
EXCHANGE
INORGANIC CHEMISTRY V7 N4 PP282-330 APR 1968
BY PIGNOLET L M
FORSTER D
MORROCKS W D JR
OAR ACCESS NO.....013391-008
DOC NUMBER.....AD678842
INSTR...AF-49/638/01429
PROJECT/TASK.....9710/01

AFOSR 68-2625
CALIFORNIA UNIVERSITY OF
INTENSIVE RESEARCH IN PROBABILITY THEORY
BY FREEDMAN D A
OAR ACCESS NO.....023500-001
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9749/02

AFOSR 68-2626
ROCHESTER UNIVERSITY OF
COMMENTS ON A PAPER BY E JAKEMAN AND F R PIKE--THE
INTENSITY-FLUCTUATION DISTRIBUTION OF GAUSSIAN LIGHT
JOURNAL OF PHYSICS A VI SER 2 PP225-227 1968
BY MANDEL L
WOLF E
OAR ACCESS NO.....004624-008
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9767/02

AFOSR 68-2627
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
THE CHEMISTRY OF CARBOANIONS XVI THE STEREOCHEMISTRY OF
ALKYLATION OF THE 1-ACETYL AND 1-CYANO DERIVATIVES OF
6-7-BUTYL CYCLOHEXANE
JOURNAL ORGANIC CHEMISTRY V33 N3 PP943-949 MAR 1968
BY HOUSE H O
BARE T W
OAR ACCESS NO.....019171-007
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9762/02

AFOSR 68-2628
GEORGIA TECH RESEARCH INSTITUTE
REACTIONS OF HYDROGEN AND DEUTERIUM POSITIVE IONS IN
HYDROGEN AND DEUTERIUM GASES
THE PHYSICAL REVIEW V173 N1 PP115-123 5 SEPTEMBER 1968
BY MILLER T M
MOSLEY J T
MARTIN D W
MCDANIEL E W
OAR ACCESS NO.....000043-002
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9767/02

AFOSR 68-2629
SOUTHERN CALIFORNIA UNIVERSITY OF
LATTICE DEFECTS IN STAINLESS STEEL SHOCK-LOADED TO
PRESSURES ABOVE 1 MEGAPASCAL
ANNUAL EMISA MEETING 20TH NEW ORLEANS LOUISIANA 16 SEPT 1968
PP254-255
BY MURR L E
ROSE M F
OAR ACCESS NO.....014493-010
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9751/00

AFOSR 68-2631
COLUMBIA UNIVERSITY
INCIDENT AND REFLECTED IONIZING SHOCK STRUCTURE
PHYSICS FLUIDS VII N7 PP1487-1489 JUL 1968
BY PRESSY H M
NEEHAN R J
OAR ACCESS NO.....009543-016
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9752/01

AFOSR 68-2632
COLUMBIA UNIVERSITY
EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
PHYSICS FLUIDS VII N7 PP1479-1486 JUL 1968
BY LEVINE L S
OAR ACCESS NO.....009543-017
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9752/01

AFOSR 68-2633
NEW YORK UNIVERSITY
CATALYZED THERMAL DECOMPOSITION OF AMMONIUM PERCHLORATE
ATAA JOURNAL V5 N1 PP192 1967
BY DAUFMAN L
OAR ACCESS NO.....021990-001
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9713/01

AFOSR 68-2634
LOUVAIN UNIVERSITY OF
REACTION KINETICS IN DIFFERENT TYPES OF DEFLAGRATIONS FINAL
REPORT OCT 1968
BY YIGGELEN A V
OAR ACCESS NO.....001994-005
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9750/02

AFOSR 68-2637
STANFORD UNIVERSITY
STUDIES OF MICROWAVE SHEAR WAVES IN SOLIDS
M L REPORT NO 1963
BY LEAN E G H
OAR ACCESS NO.....004663-008
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9768/02

AFOSR 68-2638
RESEARCH TRIANGLE INSTITUTE
SEMICONDUCTOR MECHANICAL SENSORS
GOVERNMENT MICROCIRCUIT APPLICATIONS CONF WASHINGTON D C
1-3 OCT 1968 PP20-22
BY WORTHMAN J J
MONTEITH L K
OAR ACCESS NO.....028410-001
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9763/02

AFOSR 68-2639
CITY COLLEGE RESEARCH FOUNDATION
VISUALIZATION OF PLASMA FLUTES IN A Q-MACHINE
PHYSICS OF FLUIDS VII N9 PP2087-2088 SEP 1968
BY CATALDO J C
JEN N C
OAR ACCESS NO.....019901-001
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9752/01

AFOSR 68-2640
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
HEAT TRANSFER RATE MEASUREMENTS IN A LOW DENSITY HYPERVELOC
STREAM OF ARGON
BY STICKFORD G
OAR ACCESS NO.....012333-001
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9783/01

AFOSR 68-2641
CANNEGIE/PELLON UNIVERSITY
SOME TECHNIQUES FOR ALGORITHM OPTIMIZATION WITH APPLICATION
TO MATRIX ARITHMETIC EXPRESSIONS
BY WAGNER R A
OAR ACCESS NO.....029901-003
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9718/00

AFOSR 68-2642
MICHIGAN STATE UNIVERSITY
ON A CYBERNETIC THEORY OF THE RETICULAR FORMATION
CYBERNETIC PROBLEMS IN BIONICS GORDON & BREACH SCIENCE
PUBLISHERS INC N Y PP431-479 1968
BY KILMER W L
MCCULLOCH W S
PLUM J
CRAIGHILL E
PETERSON D
OAR ACCESS NO.....021310-003
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9769/04

AFOSR 68-2643
CALIFORNIA UNIVERSITY OF
REPLY TO TRANSDUCER POWER GAIN IN OPTIMALLY MATCHED
NETWORKS
IEEE TRANSACTIONS ON CIRCUIT THEORY VCT-14 N4 P448 DECEMBER
1967
BY HOHRER R A
OAR ACCESS NO.....022750-006
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9749/01

AFOSR 68-2644
ILLINOIS UNIVERSITY OF
THE STUDY OF POINT DEFECTS IN CSCI ORDERED ALLOYS AND
OTHER INTERMETALLIC COMPOUNDS FINAL REPORT NOV 1968
BY LIEBERMAN D S
OAR ACCESS NO.....018010-002
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9763/01

AFOSR 68-2645
MIAMI UNIVERSITY OF
NONPLANAR CYCLOBUTANE EVIDENCE FOR A CONFORMATIONALLY
CONTROLLED CLASSIC MECHANISM IN THE DEAMINATION OF CIS-
AND TRANS-3-ISOPROPYLCYCLOBUTYLAMINE
JOURNAL ORGANIC CHEMISTRY V33 N10 PP3841-3848 OCT 1968
BY LILLIEN I
DOUGHTY R A
OAR ACCESS NO.....012570-007
DOC NUMBER.....AD678845
INSTR...AF-49/638/01429
PROJECT/TASK.....9762/02

AFOSR 68-2646
ILLINOIS INSTITUTE OF TECHNOLOGY
ADVANCED OXIDIZER CHEMISTRY
BY SCLCYN I J
OAR ACCESS NO.....015931-003
DOC NUMBER.....AD678639
INSTR...AF-6820-68-C-0039
PROJECT/TASK.....9713/02

AFOSR 68-2647
STANFORD UNIVERSITY
RIEMANN SURFACES WHICH ARE DOUBLES OF PLANE DOMAINS
PACIFIC JOURNAL OF MATHEMATICS V20 N2 PP17-222 1967
BY MAWLEY N S
SCHIFFER M M
OAR ACCESS NO.....019230-020
DOC NUMBER.....AD679811
INSTR...AF-49/638/01345
PROJECT/TASK.....9749/02

AFOSR 68-2648
INSTITUTE FOR ADVANCED STUDY
CONCERNING A WILD THREE-CELL DESCRIBED BY BING
DUKE MATHEMATICAL JOURNAL V33 N4 PP689-704 DECEMBER 1966
BY ARMENTROUT S
OAR ACCESS NO.....000362-002
DOC NUMBER.....AD680089
INSTR...AF-AFOSR-0359-63
PROJECT/TASK.....9749/02

AFOSR 68-2649
INSTITUTE FOR ADVANCED STUDY
ON EMBEDDING DECOMPOSITION SPACES OF N-DIMENSIONAL
EUCLIDEAN SPACE IN N-PLUS-ONE-DIMENSIONAL EUCLIDEAN SPACE
FUNDAMENTA MATHEMATICAE V61 PP1-21 1967
BY ARMENTROUT S
OAR ACCESS NO.....000362-003
DOC NUMBER.....AD680089
INSTR...AF-AFOSR-0359-63
PROJECT/TASK.....9749/02

AFOSR 68-2650
DUKE UNIVERSITY
THE DIPOLE MOMENT OF CARBON MONOSULFIDE
JOURNAL MOLECULAR SPECTROSCOPY V28 N2 PP266-68 OCTOBER 1968
BY WINNEVISSE G
COOK R L
OAR ACCESS NO.....000274-024
DOC NUMBER.....AD680097
INSTR...AF-AFOSR-0493-66
PROJECT/TASK.....9767/02

AFOSR 68-2651
JOHNS HOPKINS UNIVERSITY
MAGNETIC PARAMETERS FOR THE CONFIGURATION F3
THE PHYSICAL REVIEW V174 N1 PP89-94 5 OCTOBER 1968
BY CROSSWHITE H
CROSSWHITE H M
JUDD B R
OAR ACCESS NO.....004603-007
DOC NUMBER.....AD679821
INSTR...AF-49/638/01497
PROJECT/TASK.....9767/02

AFOSR 68-2652
STANFORD UNIVERSITY
MAGNETIC-FIELD STRUCTURE ASSOCIATED WITH CORONAL STREAMERS
SOLAR PHYSICS N3 PP87-101 1968
BY STUMROCK P A
SMITH S S
OAR ACCESS NO.....004562-021
DOC NUMBER.....AD679806
INSTR...AF-49/638/01321
PROJECT/TASK.....9767/02

AFOSR 68-2653
PRINCETON UNIVERSITY
TEST-PARTICLE PROPAGATOR AND ITS APPLICATION TO THE DECAV
OF PLASMA WAVE ECHOES
THE PHYSICS OF FLUIDS V11 N9 PP1982-1989 SEPTEMBER 1968
BY HINTON F L
OHERMAN C
OAR ACCESS NO.....010500-036
DOC NUMBER.....AD679786
INSTR...AF-49/638/01555
PROJECT/TASK.....9767/03

AFOSR 68-2654
CARNEGIE-MELLON UNIVERSITY
ON THE STABILITY OF CERTAIN MOTIONS OF INCOMPRESSIBLE
MATERIALS WITH MEMORY
ARCH RATIONAL MECH ANAL V30 N3 PP197-224 1968
BY COLEMAN M D
DILL F M
OAR ACCESS NO.....015271-015
DOC NUMBER.....AD680103
INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 68-2656
NEW YORK UNIVERSITY
ON SYMMETRIZABLE DIFFERENTIAL OPERATORS
PROCEEDINGS OF SYMPOSIA IN PURE MATHEMATICS V10 PP128-137
20-23 APRIL 1966 CHICAGO ILLINOIS
BY FRIEDRICH K C
LAX P D
OAR ACCESS NO.....019500-010
DOC NUMBER.....AD679729
INSTR...AF-AFOSR-0664-74
PROJECT/TASK.....9749/02

AFOSR 68-2657
UNIVERSITY OF NEW YORK
DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS OF SECOND ORDER
COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS V20
PP747-872 1967
BY KOHN J J
NIRENBERG L
OAR ACCESS NO.....019500-009
DOC NUMBER.....AD686725
INSTR...AF-AFOSR-0884-64
PROJECT/TASK.....9749/02

AFOSR 68-2657
UNIVERSITY OF NEW YORK
DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS OF SECOND ORDER
COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS V20 PP787-87
OAR ACCESS NO.....019500-011
DOC NUMBER.....AD686725
INSTR...AF-AFOSR-0884-64
PROJECT/TASK.....9749/02

AFOSR 68-2658
PENNSYLVANIA STATE UNIVERSITY
QUANTITATIVE STUDY OF DISPERSED PARTICLE STATISTICS WITH
TRANSMISSION ELECTRON MICROSCOPY
EUROPEAN REGIONAL CONFERENCE ELECTRON MICROSCOPY 4TH VI
ROME ITALY 1-7 SEP 1968 PP597-598
BY INMAN M C
OAR ACCESS NO.....019543-007
DOC NUMBER.....AD680019
INSTR...AF-AFOSR-0889-67
PROJECT/TASK.....9762/02

AFOSR 68-2659
OXFORD UNIVERSITY
FIELD- AND PHOTON-ENHANCED FIELD EMISSION FROM THIN-FILM
FIELD-EMISSION DEVICES
ELECTRONICS LETTERS V4 N16 9 AUGUST 1968
BY AKRAM-MUSAIN S
WALSH D
OAR ACCESS NO.....000104-004
DOC NUMBER.....AD679968
INSTR...AF-EDAR-0033-67
PROJECT/TASK.....9767/02

AFOSR 68-2660
NEW ENGLAND INSTITUTE MEDICAL RSCH
SYSTEMATIC POSITRONIUM CHEMISTRY
JOURNAL OF THE CHEMICAL SOCIETY SECTION A PP408-417 1968
BY TAO S J
GREEN J H
OAR ACCESS NO.....011222-002
DOC NUMBER.....AD680085
INSTR...AF-AFOSR-1195-67
PROJECT/TASK.....9767/01

AFOSR 68-2661
CALIFORNIA UNIVERSITY OF
EXCEPTIONAL BOUNDARY POINTS FOR THE NONDIVERGENCE
EQUATION WHICH ARE REGULAR FOR THE LAPLACE EQUATION - AND
VICE-VERSA
ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA V22 N2
PP315-330 1968
BY MILLER K
OAR ACCESS NO.....014650-017
DOC NUMBER.....AD680078
INSTR...AF-AFOSR-0553-64
PROJECT/TASK.....9749/02

AFOSR 68-2662
YESHIVA UNIVERSITY
STATISTICAL MECHANICS-A REVIEW OF SELECTED RIGOROUS RESULTS
ANNUAL REVIEW OF PHYSICAL CHEMISTRY V14 PP389-418 1968
BY LEBOWITZ J L
OAR ACCESS NO.....005834-003
DOC NUMBER.....AD680066
INSTR...AF-AFOSR-1416-68
PROJECT/TASK.....9767/02

AFOSR 68-2664
MULL UNIVERSITY OF
INHIBITION OF THE HYDROGEN-OXYGEN REACTION BY ALKYL
SILANES
TRANSACTIONS OF THE FARADAY SOCIETY V64 N550 PF10
PP2708-2722 OCT 1968
BY HALOWIN M R
EVERETT C J
WALKER R W
OAR ACCESS NO.....001953-005
DOC NUMBER.....AD679944
INSTR...AF-EDAR-0068-65
PROJECT/TASK.....9750/02

AFOSR 68-2665
AEROCHEM RESEARCH LABORATORY INC
FOG FORMATION CONDITIONS NEAR COUL SURFACES
JOURNAL COLLOID AND INTERFACE SCIENCE V28 N1 PP60-65 SEP1
1968
BY ROSNER D L
EPSTEIN M
OAR ACCESS NO.....009751-006
DOC NUMBER.....AD679708
INSTR...AF-49/638/01054
PROJECT/TASK.....9750/02

AFOSR 68-2667
CARNEGIE/MELLON UNIVERSITY
ON THE USE OF SYMMETRY TO SIMPLIFY THE CONSTITUTIVE
EQUATIONS OF ISOTROPIC MATERIALS WITH MEMORY
PHOC ROY SOC /LONDON/ SER A V306 PP479-476 1968
BY COLEMAN R D
DAN ACCESS NO.....015771-016
DOC NUMBER.....AD680101
INSTR...AF-AFOSR-0728-66
PROJECT/TASK.....9749/01

AFOSR 68-2668
CALIFORNIA UNIVERSITY OF
SINGULAR VALUE INEQUALITY
JOURNAL OF THE LONDON MATHEMATICAL SOCIETY V44 PP118-120
1969
BY MARCUS N
DAN ACCESS NO.....014931-015
DOC NUMBER.....AD680058
INSTR...AF-AFOSR-0698-67
PROJECT/TASK.....9749/01

AFOSR 68-2669
INSTITUTE FOR ADVANCED STUDY
CONCERNING CELLULAR DECOMPOSITIONS OF THREE-MANIFOLDS
THAT YIELD THREE-MANIFOLDS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V133
N2 PP307-312 SEPT 1968
BY ARMENTHOUT S
DAN ACCESS NO.....000362-004
DOC NUMBER.....AD680090
INSTR...AF-AFOSR-0359-63
PROJECT/TASK.....9749/02

AFOSR 68-2670
MIAMI UNIVERSITY OF
PRODUCTION AND PROPAGATION OF PLASMOIDS IN A NONLINEAR
ALFVEN WAVE
PHYSICS OF FLUIDS VII N7 PP1582-1584 JUL 1968
BY WELLS D H
DAN ACCESS NO.....017342-001
DOC NUMBER.....AD679959
INSTR...AF-AFOSR-0848-67
PROJECT/TASK.....9752/01

AFOSR 68-2672
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EFFECT OF INITIAL IMPERFECTIONS ON THE INSTABILITY OF A
RING CONFINED IN AN IMPERFECT RIGID BOUNDARY
JOURNAL OF APPLIED MECHANICS PP970-984 DEC 1967
BY BUCCIARELLI L L JR
DAN ACCESS NO.....008094-007
DOC NUMBER.....AD679854
INSTR...AF-AFOSR-0347-65
PROJECT/TASK.....9762/01

AFOSR 68-2674
STANFORD UNIVERSITY
THE BOUNDARY BEHAVIOR OF THE BERGMAN KERNEL FUNCTION
J. FENCM/ /
ACAD SCI PARIS SER A V266 PP1132-1134 5 JUNE 1968
BY CHALMERS B
DAN ACCESS NO.....019720-007
DOC NUMBER.....AD680099
INSTR...AF-AFOSR-1047-66
PROJECT/TASK.....9749/01

AFOSR 68-2675
MASSACHUSETTS UNIVERSITY OF
LIGAND SUBSTITUTION DYNAMICS
ANNUAL REVIEWS OF PHYSICAL CHEMISTRY V19 PP193-214 SEPT
1968
BY LANGFORD C H
DAN ACCESS NO.....023910-031
DOC NUMBER.....AD679964
INSTR...AF-AFOSR-1384-68
PROJECT/TASK.....9710/02

AFOSR 68-2676
INDIANA UNIVERSITY
RECOGNITION PERFORMANCE AS A FUNCTION OF DECEPTION
CRITERION IN A SIMULTANEOUS DETECTION-RECOGNITION TASK
THE JOURNAL OF ACOUSTICAL SOCIETY OF AMERICA V44 N1
PP284-211 JULY 1968
BY LINDNER M A
DAN ACCESS NO.....014543-006
DOC NUMBER.....AD680056
INSTR...AF-AFOSR-0548-67
PROJECT/TASK.....9769/03

AFOSR 68-2677
INDIANA UNIVERSITY
MASKING-LEVEL DIFFERENCES WITH AND WITHOUT INTERAURAL
DISPARITIES IN MASKED INTENSITY
THE JOURNAL OF ACOUSTICAL SOCIETY OF AMERICA V44 N1
PP212-223 JULY 1968
BY McFADDEN D
DAN ACCESS NO.....014543-006
DOC NUMBER.....AD679221
INSTR...AF-AFOSR-0548-67
PROJECT/TASK.....9769/03

AFOSR 68-2678
INDIANA UNIVERSITY
RCCS OBTAINED WITH TWO SIGNAL INTENSITIES PRESENTED IN
RANDOM ORDER AND A COMPARISON BETWEEN YES-NO AND RATING
RCCS
PERCEPTION & PSYCHOPHYSICS V3 1A PP35-40 1968
BY ENNERICH D S
DAN ACCESS NO.....014543-005
DOC NUMBER.....AD679223
INSTR...AF-AFOSR-0548-67
PROJECT/TASK.....9769/03

AFOSR 68-2680
STANFORD UNIVERSITY
ON THE COEFFICIENT PROBLEM FOR UNIVALENT FUNCTIONS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V134 N1
PP95-101 OCTOBER 1968
BY SCHIFFEN M
DAN ACCESS NO.....019230-021
DOC NUMBER.....AD679812
INSTR...AF-AFOSR-01345
PROJECT/TASK.....9749/02

AFOSR 68-2681
COLUMBIA UNIVERSITY
PLASMA HEATING BY STRONG SHOCK WAVES
DAN ACCESS NO.....009583-018
DOC NUMBER.....AD678637
INSTR...AF-AFOSR-01634
PROJECT/TASK.....9752/01

AFOSR 68-2682
GEORGIA TECH RESEARCH INSTITUTE
LONGITUDINAL AND TRANSVERSE DIFFUSION COEFFICIENTS OF
MASS-IDENTIFIED N AND N2 POSITIVE IONS IN NITROGEN
PHYSICAL REVIEW LETTERS V21 N13 PP873-875 23 SEPTEMBER
1968
BY MOSLEY J T
DAN ACCESS NO.....000043-003
DOC NUMBER.....AD680098
INSTR...AF-AFOSR-1110-66
PROJECT/TASK.....9767/02

AFOSR 68-2683
CALIFORNIA UNIVERSITY OF
RADIATIVE TRANSFER II: THE ELIMINATION OF THE MONOCHROMATIC
SOURCE FUNCTION IN THE PRESENCE OF SCATTERING
THE ASTROPHYSICAL JOURNAL V153 N3 PP917-922 SEPTEMBER 1968
BY HENVEY L
DAN ACCESS NO.....004553-003
DOC NUMBER.....AD679856
INSTR...AF-AFOSR-0171-65
PROJECT/TASK.....9774/01

AFOSR 68-2684
CALIFORNIA UNIVERSITY OF
STUDIES IN STELLAR EVOLUTION VI EVOLUTION OF A SOLAR MASS
RED GIANT WITH MASS LOSS
THE ASTROPHYSICAL JOURNAL V153 N2 PP495-510 AUGUST 1968
BY FINNIES J E
DAN ACCESS NO.....008094-007
DOC NUMBER.....AD679856
INSTR...AF-AFOSR-0171-65
PROJECT/TASK.....9774/01

AFOSR 68-2685
GRADUATE RESEARCH CENTER OF THE SOUTHWEST
A PROGRAM TO DETERMINE FUNDAMENTAL NUCLEAR DATA FROM MUON
INTENSITY MEASUREMENTS AND TO INVESTIGATE GEOPHYSICAL
ASPECTS OF COSMIC RAY AT HIGH ENERGIES INITIAL PHASE FINAL
DAN ACCESS NO.....023410-002
DOC NUMBER.....AD679856
INSTR...AF-AFOSR-1316-67
PROJECT/TASK.....9751/04

AFOSR 68-2686
CALIFORNIA UNIVERSITY OF
ORIENTED REINFORCEMENT OF A SKELETALLY MEDIATED AUTONOMIC
RESPONSE UNCOUPLING OF THE TWO RESPONSES
PSYCHONOMIC SCIENCE V11 N6 PP195-197 1968
BY GAYLARD M J
DAN ACCESS NO.....009322-023
DOC NUMBER.....AD676095
INSTR...AF-AFOSR-01347
PROJECT/TASK.....9777/01

AFOSR 68-2687
PISA UNIVERSITY OF
SUPPRESSION OF NON-LINEARITIES IN THE PIGEONS
ELECTRORETINOGRAM /ERG/
VISION RESEARCH V7 PP801-803 1967
BY DANCAHO V
DAN ACCESS NO.....019461-007
DOC NUMBER.....AD679350
INSTR...AF-AFOSR-07-C-0028
PROJECT/TASK.....9777/01

AFOSR 68-2688
PISA UNIVERSITY OF
TRANSIENT AND STEADY STATE ELECTRORETINAL RESPONSES
VISION RESEARCH V8 PP229-240 1968
BY MARFEL L
DAN ACCESS NO.....019461-008
DOC NUMBER.....AD679350
INSTR...AF-AFOSR-07-C-0028
PROJECT/TASK.....9777/01

AFOSR 68-2689
PISA UNIVERSITY OF
FREQUENCY ANALYSIS OF THE LATE RECEPTOR POTENTIAL
JOURNAL OF NEUROPHYSIOLOGY V30 PP993-999 1967
BY NAFFEL L
POPPEL R E
OAR ACCESS NO.....019640-015
DOC NUMBER.....AD679364
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2690
PISA UNIVERSITY OF
SPATIAL AND TEMPORAL AVERAGES IN RETINAL CHANNELS
JOURNAL OF NEUROPHYSIOLOGY V31 PP283-287 1968
BY NAFFEL L
OAR ACCESS NO.....019641-003
DOC NUMBER.....AD679364
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2691
PISA UNIVERSITY OF
FREQUENCY ANALYSIS OF THE ELECTRORETINOGRAM
JOURNAL OF NEUROPHYSIOLOGY V30 PP982-VV2 1967
BY POPPEL R E
NAFFEL L
OAR ACCESS NO.....019640-016
DOC NUMBER.....AD679364
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2692
PISA UNIVERSITY OF
BIMODALLY DRIVEN NEURONS IN VISUAL CORTEX OF SPIT-CHIASM
CATS
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE V159
PP308-310 19 JAN 1968
BY BERLUCCHI G
RIZZOLATTI G
OAR ACCESS NO.....019641-004
DOC NUMBER.....AD679364
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2694
SOUTHERN CALIFORNIA UNIVERSITY OF
OPTIMIZATION OF DISCRETE-TIME SYSTEMS WITH COMBINED
MODULATION
IEEE TRANSACTIONS ON AUTOMATIC CONTROL VAC-13 N3 PP286-289
JUNE 1968
BY NARDIZZI L R
BEKEY G A
OAR ACCESS NO.....021211-007
DOC NUMBER.....AD679262
INSTR...AF-AFOSR-1018-67
PROJECT/TASK.....9769/03

AFOSR 68-2695
PRINCETON UNIVERSITY
RAPIDLY ROTATING STARS III MASSIVE MAIN-SEQUENCE STARS
THE ASTROPHYSICAL JOURNAL V154 N2 PP627-643 NOVEMBER 1968
BY MARK J W K
OAR ACCESS NO.....016500-036
DOC NUMBER.....AD679001
INSTR...AF-49/638/01555
PROJECT/TASK.....9774/01

AFOSR 68-2696
PRINCETON UNIVERSITY
ON THE OSCILLATIONS AND STABILITY OF ROTATING STELLAR
MODELS I MATHEMATICAL TECHNIQUES
THE ASTROPHYSICAL JOURNAL V154 N2 PP613-626 NOVEMBER 1968
BY TASSOUL J L
OSTRIKER J P
OAR ACCESS NO.....016500-035
DOC NUMBER.....AD679004
INSTR...AF-49/638/01555
PROJECT/TASK.....9774/01

AFOSR 68-2697
TENNESSEE UNIVERSITY OF
REDUCTION OF NOREPINEPHRINE IN THE LOWER BRAINSTEM BY
PSYCHOLOGICAL STIMULUS
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V60 N2
PP478-481 JUNE 1968
BY WELCH A S
WELCH B L
OAR ACCESS NO.....027780-014
DOC NUMBER.....AD679126
INSTR...AF-AFOSR-1276-67
PROJECT/TASK.....9777/01

AFOSR 68-2698
BORN RUNGE FOUNDATION
SLEEP STUDY IN SUBACUTE SCLEROSING LEUCOENCEPHALITIS /SSPE/
/FIRST RESULTS/
NEUROLOGY V18 N1 PART 2 PP66-68 JANUARY 1968
BY PETRE-QUIGENS D
SPAELO J
VAN BOGERT L
NOYA G
OAR ACCESS NO.....022171-001
DOC NUMBER.....AD679008
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2699
RUME UNIVERSITY OF
SPECTRAL DIFFERENCES BETWEEN HAEMOGLOBIN AND ISOLATED
HAEMOGLOBIN CHAINS IN THE DEOXYGENATED STATE
JOURNAL OF MOLECULAR BIOLOGY V34 PP357-369 1968
BY BRUNORI M
ANTONINI E
BYMAN J
ANDERSON S R
OAR ACCESS NO.....018062-001
DOC NUMBER.....AD679015
INSTR...AF-EDAR -0004-68
PROJECT/TASK.....9777/01

AFOSR 68-2700
PISA UNIVERSITY OF
DEPOLARIZATION OF OPTIC FIBER ENDINGS IN THE LATERAL
GENICULATE BODY
ARCHIVES ITALIENNES DE BIOLOGIE V105 PP873-SR2 1967
BY KAHN M
MAGNI F
PILLAI R V
OAR ACCESS NO.....019640-017
DOC NUMBER.....AD679122
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2701
WEIZMANN INSTITUTE OF SCIENCE
ANTIDOTES TO SEQUENTIAL AND CONFORMATIONAL DETERMINANTS
COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIOLOGY V32
PP537-545 1967
BY SELA M
SCHECHTER B
SCHECHTER I
BOREK F
OAR ACCESS NO.....018322-007
DOC NUMBER.....AD679298
INSTR...AF-EDAR -0019-67
PROJECT/TASK.....9777/01

AFOSR 68-2702
CASE WESTERN RESERVE UNIVERSITY
RECEPTORS CONCERNED IN THE REGULATION OF THE BLOOD TITER OF
VASOPRESSIN
BY SHARE L
OAR ACCESS NO.....014821-001
DOC NUMBER.....AD679139
INSTR...AF-AFOSR-0692-67
PROJECT/TASK.....9777/01

AFOSR 68-2703
NEW YORK STATE UNIV RESEARCH FOUNDATION
FURTHER STUDIES ON THE VELOCITY FUNCTION OF MOVEMENT
DETECTING CLASS-2 NEURONS IN THE FROG RETINA
VISION RESEARCH V8 PP1173-1185 1968
BY GRUSSER O J
CORNEHLIS U G
LICKER M D
OAR ACCESS NO.....023250-001
DOC NUMBER.....AD679245
INSTR...AF-AFOSR-1230-67
PROJECT/TASK.....9777/01

AFOSR 68-2704
COLORADO UNIVERSITY OF
MONITORING BIRD MOVEMENTS BY RADAR
IEEE SPECTRUM PP62-66 JUNE 1968
BY FLOCK W L
OAR ACCESS NO.....024040-001
DOC NUMBER.....AD679246
INSTR...AF-AFOSR-1377-68
PROJECT/TASK.....9777/01

AFOSR 68-2705
MINNESOTA UNIVERSITY OF
BINDING OF ANESTHETICS TO PROTEINS LINKAGE BETWEEN THE
SITFM-LIGAND SITE OF HEME IRON ION AND THE NONPOLAR BINDING
SITES OF MYOGLOBIN
FEDERATION PROCEEDINGS V27 N3 PP895-897 MAY-JUNE 1968
BY KEYES M
LUMRY R
OAR ACCESS NO.....020931-006
DOC NUMBER.....AD671761
INSTR...AF-AFOSR-1277-67
PROJECT/TASK.....9777/01

AFOSR 68-2706
HARVARD UNIVERSITY
INTERACTION OF BEHAVIORAL AND PHYSIOLOGICAL STRESS
REACTIONS
PSYCHOLOGICAL REVIEW V75 N4 PP271-291 1968
BY TEICHNER W M
OAR ACCESS NO.....027580-002
DOC NUMBER.....AD679265
INSTR...AF-AFOSR-1281-67
PROJECT/TASK.....9777/01

AFOSR 68-2707
KEIO UNIVERSITY
LOCALIZATION OF SPIKE-PRODUCING CELLS IN THE FROG RETINA
VISION RESEARCH V8 PP259-262 1968
BY KANEKO A
HASHIMOTO M
OAR ACCESS NO.....500911-002
DOC NUMBER.....AD679291
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2708
PISA UNIVERSITY OF
EXCITABILITY CHANGES ALONG VISUAL PATHWAYS DURING EYE
TRACKING MOVEMENTS
ARCHIVES ITALIENNES DE BIOLOGIE V106 PP141-156 1968
BY KAWAHARA M
MARCHIARAVA P L
OAR ACCESS NO.....019640-016
DOC NUMBER.....AD679302
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2709
PISA UNIVERSITY OF
EFFECTS OF CASTRATION OF THE INHIBITION OF FLASHING IN
FIREFLIES
ARCHIVES ITALIENNES DE BIOLOGIE V106 PP100-112 1968
BY BRUNELLI M
BUONANICI M
MAGNI F
OAR ACCESS NO.....019641-002
DOC NUMBER.....AD679344
INSTR...F61052-67-C-0028
PROJECT/TASK.....9777/01

AFOSR 68-2710
GOTEBORGS UNIVERSITY OF
METATYROSINE AS A TOOL FOR SELECTIVE PROTECTION OF
CATECHOLAMINE STORES AGAINST RESERPINE
EUROPEAN JOURNAL OF PHARMACOLOGY V2 PP187-192 1967
BY CARLSSON A
LINDQVIST M
OAR ACCESS NO.....007426-004
DOC NUMBER.....AD678997
INSTR...AF-EDAR-0036-67
PROJECT/TASK.....9777/01

AFOSR 68-2711
GOTEBORGS UNIVERSITY OF
STUDIES ON THE TACHYPHYLAXIS TO ALPHA-METHYL METATYRAMINE
WITH SPECIAL REFERENCE TO ITS CENTRAL STIMULATING ACTION
ACTA PHARMACOLOGICA ET TOXICOLOGICA V26 PP206-212 1968
BY SVENSSON T H
OAR ACCESS NO.....007426-005
DOC NUMBER.....AD679250
INSTR...AF-EDAR-0036-67
PROJECT/TASK.....9777/01

AFOSR 68-2712
GOTEBORGS UNIVERSITY OF
THE EFFECT OF PROTRIPTYLINE ON THE METABOLISM OF DOPAMINE
AND NORADRENALINE IN HUSBET BRAIN IN VITRO
ACTA PHYSIOLOGICA SCANDINAVICA V73 PP161-175 1968
BY JONASON J
RUTLEDGE C O
OAR ACCESS NO.....007426-006
DOC NUMBER.....AD678998
INSTR...AF-EDAR-0036-67
PROJECT/TASK.....9777/01

AFOSR 68-2713
CALIFORNIA UNIVERSITY OF
SOME APPLICATIONS OF BIOTELEMETRY
IEEE NATIONAL TELEMETRYING CONFERENCE RECORD PP369-374
APRIL 1968
BY HANLEY J
ZWEIZIG J R
KADO R T
ADEY W R
OAR ACCESS NO.....009322-024
DOC NUMBER.....AD678980
INSTR...AF-49/638/01387
PROJECT/TASK.....9777/01

AFOSR 68-2714
PISA UNIVERSITY OF
MICROELECTRODE ANALYSIS OF TRANSFER OF VISUAL INFORMATION
BY THE CORPUS CALLOSUM
ARCHIVES ITALIENNES DE BIOLOGIE V105 PP583-596 1967
BY BERLUCCI G
GAZZANIGA M S
RIZZOLATTI G
OAR ACCESS NO.....019641-005
DOC NUMBER.....AD679351
INSTR...F61052-67-C-0028
PROJECT/TASK.....9777/01

AFOSR 68-2715
PISA UNIVERSITY OF
STUDIES ON CORTICOTECTAL ACTIVITY IN THE UNANESTHETIZED
MID-PONTINE CAT
ARCHIVES ITALIENNES DE BIOLOGIE V106 PP21-40 1968
BY MARCHIAFAVA P L
RIZZOLATTI G
SPRAGUE J H
OAR ACCESS NO.....019640-019
DOC NUMBER.....AD679396
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2716
PISA UNIVERSITY OF
CENTRAL AND PERIPHERAL MECHANISMS IN THE MODULATION OF
FLASHING IN THE FIREFLY LUCIOLA ITALICA
ARCHIVES ITALIENNES DE BIOLOGIE V105 PP337-360 1967
BY MAGNI F
OAR ACCESS NO.....019640-021
DOC NUMBER.....AD679390
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2717
PISA UNIVERSITY OF
NERVOUS CONTROL OF FLASHING IN THE FIREFLY LUCIOLA ITALICA
ARCHIVES ITALIENNES DE BIOLOGIE V106 PP323-338 1967
BY BUONANICI M
MAGNI F
OAR ACCESS NO.....019640-020
DOC NUMBER.....AD679123
INSTR...AF-61/052/00830
PROJECT/TASK.....9777/01

AFOSR 68-2718
PISA UNIVERSITY OF
MECHANISMS FOR PHOTIC INHIBITION OF FLASHING IN FIREFLIES
ARCHIVES ITALIENNES DE BIOLOGIE V106 PP85-99 1968
BY BRUNELLI M
BUONANICI M
OAR ACCESS NO.....019641-006
DOC NUMBER.....AD679125
INSTR...F61052-67-C-0028
PROJECT/TASK.....9777/01

AFOSR 68-2719
UNIVERSITE LIBRE DE BRUXELLES
SOME COMMENTS ON IRREVERSIBILITY
PHYSICS LETTERS V274 NO PP249-250 1 JULY 1968
BY BALESCU M
OAR ACCESS NO.....002084-009
DOC NUMBER.....AD679283
INSTR...AF-EDAR-0025-67
PROJECT/TASK.....9767/01

AFOSR 68-2720
STANFORD UNIVERSITY
LIMITS ON SMALL SCALE VARIATIONS IN THE COSMIC BACKGROUND
RADIATION
NATURE V216 NS117 PP777-779 25 NOVEMBER 1967
BY CONKLIN F K
BRACEWELL R H
OAR ACCESS NO.....000143-005
DOC NUMBER.....AD679332
INSTR...AF-EDAR-0025-67
PROJECT/TASK.....9767/02

AFOSR 68-2721
STANFORD UNIVERSITY
THE CONTROL OF EUTECTIC MICROSTRUCTURES
INTERNATIONAL CONFERENCE ON CRYSTAL GROWTH PENGAMON PRESS
N Y 1967 PP151-9
BY COOKSEY D J S
DAY M G
MELLAWELL A
OAR ACCESS NO.....014900-013
DOC NUMBER.....AD679275
INSTR...AF-AFOSR-0731-65
PROJECT/TASK.....9767/02

AFOSR 68-2722
SOUTHERN CALIFORNIA UNIVERSITY OF
MEASUREMENT OF THE CONVERSION CONSTANT LAMBDA
PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON ATOMIC
MASSES UNIVERSITY OF MANITOBA PRESS WINNIPEG PP347-362 1967
BY KIRKPATRICK M A
DUMOND J W M
COHEN E R
OAR ACCESS NO.....016941-001
DOC NUMBER.....AD679016
INSTR...AF-AFOSR-0860-67
PROJECT/TASK.....9767/01

AFOSR 68-2723
UNIVERSITE LIBRE DE BRUXELLES
STATISTICAL MECHANICAL THEORIES OF LIQUID TRANSPORT
APPLIED MECHANICS REVIEWS V21 N3 PP218-229 MARCH 1968
BY NICOLIS G
DAGONNIER R
MISGUICH J
BOON J P
OAR ACCESS NO.....002084-006
DOC NUMBER.....AD679284
INSTR...AF-EDAR-0025-67
PROJECT/TASK.....9767/01

AFOSR 68-2724
HARVARD UNIVERSITY
SPECTRAL REPRESENTATIONS FOR SYMMETRY-BREAKING PARAMETERS
PHYSICAL REVIEW V172 N5 PP1675-1677 25 AUGUST 1968
BY PERRIN R
OAR ACCESS NO.....004861-069
DOC NUMBER.....AD679337
INSTR...AF-49/638/01380
PROJECT/TASK.....9767/04

AFOSR 68-2725
UNIVERSITY COLLEGE
A FAST OPTICAL CERENKOV SYSTEM FOR DIRECTIONAL STUDIES OF
POSSIBLE GAMMA-RAY SOURCES
CANADIAN JOURNAL OF PHYSICS V46 PP5433-5436 MAY 15 1968
BY FEGAN D J
MCNEEN B
D MUNGAIN E P
PORTER M A
SLEVIN P J
OAR ACCESS NO.....013501-003
DOC NUMBER.....AD679252
INSTR...AF-EDAR-0027-67
PROJECT/TASK.....9751/04

AFOSR 68-2726
WEIZMANN INSTITUTE OF SCIENCE
STUDIES ON THE COMPETENCE OF SINGLE CELLS TO PRODUCE
ANTIBODIES OF TWO SPECIFICITIES
THE JOURNAL OF EXPERIMENTAL MEDICINE V128 N1 PP223-233 1
JULY 1968
BY GERSHON H
BAUMINGER S
SELA M
FELDMAN M
OAR ACCESS NO.....018322-008
DOC NUMBER.....AD679299
INSTR...AF-EDAR-0019-67
PROJECT/TASK.....9777/01

AFOSR 68-2727
KAROLINSKA INSTITUTE
POTENTIATION OF TYRAMINE EFFECT ON THE ISOLATED IRIS MUSCLE
BY COCAINE
ACTA PHYSIOLOGICA SCANDINAVICA V73 PP58-61 1968
BY LAGERCRANTZ M
OAR ACCESS NO.....006726-007
DOC NUMBER.....AD679287
INSTR...AF-EDAR-0016-67
PROJECT/TASK.....9777/01

AFOSR 68-2728
KAROLINSKA INSTITUTET
UPTAKE OF NORADRENALINE IN THE ISOLATED PERFUSED RAT HEART
AFTER DEPLETION WITH DECABORANE
ACTA PHYSIOLOGICA SCANDINAVICA V73 PP128-138 1968
BY BHATTACHARYA I C
OAR ACCESS NO.....005728-008
DOC NUMBER.....AD679289
INSTR...AF-FOAR-0018-67
PROJECT/TASK.....9777/01

AFOSR 68-2729
KAROLINSKA INSTITUTET
EFFECT OF DIRECTLY AND INDIRECTLY ACTING SYMPATHOMIMETIC
AMINES ON ADRENERGIC TRANSMITTER GRANULES
ACTA PHYSIOLOGICA SCANDINAVICA V73 PP78-92 1968
BY EULEH U S V
LISHAJKO F
OAR ACCESS NO.....005725-009
DOC NUMBER.....AD679292
INSTR...AF-FOAR-0018-67
PROJECT/TASK.....9777/01

AFOSR 68-2730
ROME UNIVERSITY OF
THE BINDING OF CARBON MONOXIDE BY HUMAN HEMOGLOBIN
JOURNAL OF BIOLOGICAL CHEMISTRY V243 N11 PP2918-2920 10
JUNE 1968
BY ANDERSON S R
ANTONINI E
OAR ACCESS NO.....018062-002
DOC NUMBER.....AD679251
INSTR...AF-FOAR-0008-68
PROJECT/TASK.....9777/01

AFOSR 68-2731
CATHOLIC UNIVERSITY OF CHILE
CHOLINESTERASE ACTIVITY OF THE NICITATING MEMBRANE
REINNPRATED BY CHOLINERGIC FIBERS
JOURNAL OF NEUROPHYSIOLOGY V30 PP1523-1530 1967
BY LENNON A M
REX A L
LUCO J V
OAR ACCESS NO.....009493-001
DOC NUMBER.....AD679247
INSTR...AF-AFOSR-0316-66
PROJECT/TASK.....9777/01

AFOSR 68-2732
TENNESSEE UNIVERSITY OF
RAPID MODIFICATION OF ISOLATION-INDUCED AGGRESSIVE BEHAVIOR
AND ELEVATION OF BRAIN CATENOLAMINES AND SEROTONIN BY THE
QUICK-ACTING MONOAMINE-OXIDASE INHIBITOR PANGYLIN
COMMUNICATIONS IN BEHAVIORAL BIOLOGY PART A V1 N5 PP347-351
MAY 1968
BY WELCH B L
WELCH A S
OAR ACCESS NO.....022780-015
DOC NUMBER.....AD679255
INSTR...AF-AFOSR-1226-67
PROJECT/TASK.....9777/01

AFOSR 68-2733
OREGON UNIVERSITY OF
INTERCALATING FIELDS FOR ELEMENTARY PARTICLES IN THE LEE
MODEL
NUOVO CIMENTO SERA V56A PP15-28 JULY 1968
BY ZIMMERMAN R L
OAR ACCESS NO.....027520-002
DOC NUMBER.....AD679240
INSTR...AF-AFOSR-1296-67
PROJECT/TASK.....9751/02

AFOSR 68-2734
OREGON UNIVERSITY OF
BOUND-STATE OPERATOR IN THE LEE MODEL
NUOVO CIMENTO SERA V56A PP391-402 JULY 1968
BY ZIMMERMAN R L
OAR ACCESS NO.....027520-003
DOC NUMBER.....AD679262
INSTR...AF-AFOSR-1296-67
PROJECT/TASK.....9751/02

AFOSR 68-2735
WISCONSIN UNIVERSITY OF
ORGANOMETALLIC SULFUR IMPLERES : I PREPARATION AND
STRUCTURE OF A PENTAMERIC MERCAPTOCARBONYL COMPLEX
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N13 PP3969-3976 17
JUN 1968
BY WEI C M
DAHL L F
OAR ACCESS NO.....014421-010
DOC NUMBER.....AD679256
INSTR...AF-AFOSR-0518-66
PROJECT/TASK.....9710/01

AFOSR 68-2736
PRINCETON UNIVERSITY
CONVERGENCE OF POISSON INTEGRALS FOR BOUNDED SYMMETRIC
DOMAINS
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES V60 N1
PP1160-1162 AUGUST 1963
BY STEIN E J
WEISS M J
OAR ACCESS NO.....024400-001
DOC NUMBER.....AD679247
INSTR...AF-AFOSR-1467-68
PROJECT/TASK.....9749/02

AFOSR 68-2737
GEORGETOWN UNIVERSITY
THERMAL SCANNING OF A PABBY-PEROXY INTERFEROMETER
PHYSICS LETTERS V27A N8 PP836-837 9 SEPTEMBER 1968
BY AUTH D C
OAR ACCESS NO.....024130-001
DOC NUMBER.....AD679839
INSTR...FAA620-68-C-0017
PROJECT/TASK.....9721/00

AFOSR 68-2738
TEL-AVIV UNIVERSITY
SCALE OF MESON AND BARYON COUPLINGS AND UNIVERSALITY IN
THE ALGEBRA OF FACTORIZED RESIDUES
THE PHYSICAL REVIEW V170 N5 PP1320-1322 28 JUNE 1968
BY GOLOBERG M
HORNITZ L P
NE ERAN Y
OAR ACCESS NO.....021480-011
DOC NUMBER.....AD680083
INSTR...AF-FOAR-0039-68
PROJECT/TASK.....9751/01

AFOSR 68-2739
YESHIVA UNIVERSITY
NULL AND PSEUDONULL DATA FOR SCALAR FIELDS
JOURNAL OF MATH PHYSICS N10 V9 PP1895-1801 OCT 1968
BY GIGIN E
OAR ACCESS NO.....017091-003
DOC NUMBER.....AD679257
INSTR...AF-AFOSR-0816-67
PROJECT/TASK.....9767/04

AFOSR 68-2740
CATHOLIC UNIVERSITY OF AMERICA
STOCHASTIC CONVERGENCE
D C HEATH AND COMPANY LEXINGTON MASSACHUSETTS
BY LUKACS E
OAR ACCESS NO.....014012-004
DOC NUMBER.....AD679031
INSTR...AF-AFOSR-0437-68
PROJECT/TASK.....9749/02

AFOSR 68-2741
NORTHWESTERN UNIVERSITY
STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE SOLID
SOLUTIONS FINAL REPORT AUG 1968
BY BRITTAIN J O
OAR ACCESS NO.....014051-001
DOC NUMBER.....AD679641
INSTR...AF-AFOSR-0466-67
PROJECT/TASK.....9763/02

AFOSR 68-2742
OHIO UNIVERSITY
ZEEMAN EFFECT IN A SPINLESS TWO-BODY SYSTEM
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA V58 PP1315-1316
SEPTEMBER 1968
BY BREITENBERGER E
OAR ACCESS NO.....016851-001
DOC NUMBER.....AD679965
INSTR...AF-AFOSR-1408-68
PROJECT/TASK.....9761/01

AFOSR 68-2743
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MAGNETIC SUSCEPTIBILITIES OF THE HEAVIER RARE EARTH
SODIUM MOLYBATES
JOURNAL PHYSICS CHEMICAL SOLIDS V29 PP1603-1671 5
FEBRUARY 1968
BY HOLMES L
SCHIEHN M
OAR ACCESS NO.....007912-070
DOC NUMBER.....AD679837
INSTR...FAA620-67-C-0047
PROJECT/TASK.....9764/01

AFOSR 68-2744
BOSTON UNIVERSITY
ON THE RELATIONSHIP BETWEEN INTERNAL AND SPACE-TIME
SYMMETRIES
LECTURES IN THEORETICAL PHYSICS V10B PP691-708 GODFON AND
BREACH 1963
BY FLEISCHMAN O
OAR ACCESS NO.....011363-002
DOC NUMBER.....AD679961
INSTR...AF-AFOSR-0385-67
PROJECT/TASK.....9751/01

AFOSR 68-2745
BRANDEIS UNIVERSITY
ABSENCE OF SCALAR GOLDSTONE CIONS
PHYS LETTERS V27B N4 PP460-462 7 SEPTEMBER 1968
BY DESER S
RAUUS J M
OAR ACCESS NO.....005154-009
DOC NUMBER.....AD679968
INSTR...AF-AFOSR-0368-67
PROJECT/TASK.....9767/04

AFOSR 68-2746
BRANDEIS UNIVERSITY
WHY IS THE SCHWARZSCHILD SOLUTION INDEPENDENT OF THE
SPATIAL STRESSES
AM J PHYS V34 N9 PP784-791 SEPTEMBER 1968
BY DESER S
LAURENT B E
OAR ACCESS NO.....005154-010
DOC NUMBER.....AD679969
INSTR...AF-AFOSR-0368-67
PROJECT/TASK.....9767/04

AFOSR 68-2747
TEXAS A&M UNIVERSITY
REACTION AMPLITUDES FOR PSEUDOSCALAR VERSIONS (IN SPIN-HALF
PERMITS) IN FOURTH-ORDER PERTURBATION THEORY
THE PHYSICAL REVIEW V172 N5 PP1664-1674 25 AUGUST 1968
BY KURIS J J
GAMMEL J L
OAR ACCESS NO.....017451-006
DOC NUMBER.....AD680064
INSTR...AF-AFOSR-0918-67
PROJECT/TASK.....0751/02

AFOSR 68-2748
RICE UNIVERSITY
NEUTRON TUNNELING IN ME-3/HE-3 2P/HE-4
THE ASTROPHYSICAL JOURNAL V153 PP855-863 SEP 1968
BY MAY H M
CLAYTON D D
OAR ACCESS NO.....016560-012
DOC NUMBER.....AD679962
INSTR...AF-AFOSR-0918-67
PROJECT/TASK.....0751/02

AFOSR 68-2749
BOSTON UNIVERSITY
STATIC SU /67 AND FUNDAMENTAL, SUBSTITUTION
PHYS REV V172 N5 PP1684-1693 25 AUGUST 1968
BY ISHIDA S
HOMAN P
OAR ACCESS NO.....013363-003
DOC NUMBER.....AD679962
INSTR...AF-AFOSR-0918-67
PROJECT/TASK.....0751/01

AFOSR 68-2750
UNIVERSITY COLLEGE
A LONG-DISTANCE COINCIDENCE RADIO-PULSE EXPERIMENT
CANADIAN JOURNAL OF PHYSICS V46 PP5251-5254 15 MAY 1968
BY FEGAN D J
MCBREEN B
D MONGAIN E P
POHTEW N A
SLEVIN P J
OAR ACCESS NO.....013301-004
DOC NUMBER.....AD680082
INSTR...AF-ENAR -0027-67
PROJECT/TASK.....0751/04

AFOSR 68-2751
UNIVERSITY COLLEGE OF NORTH WALES
14N-QUADRUPOLE COUPLING IN THE MICROWAVE SPECTRUM OF
CYANAMIDE NH2CN
JOURNAL OF MOLECULAR SPECTROSCOPY V26 N3 PP285-293 JULY
1968
BY MACDONALD J N
TAYLOR O
TYLER J K
SHELDON J
OAR ACCESS NO.....016951-001
DOC NUMBER.....AD680087
INSTR...AF-ENAR -0039-67
PROJECT/TASK.....0767/01

AFOSR 68-2752
COLORADO STATE UNIVERSITY
THE APPROXIMATE SOLUTION OF CERTAIN NONLINEAR DIFFERENTIAL
EQUATIONS
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY V19 N1
PP498-1002 AUGUST 1968
BY STEIN F M
HUFFSTUTLER N G
OAR ACCESS NO.....009943-002
DOC NUMBER.....AD679960
INSTR...AF-AFOSR-0185-67
PROJECT/TASK.....0749/01

AFOSR 68-2753
CASE WESTERN RESERVE UNIVERSITY
SOME DISTRIBUTION-FREE STATISTICS AND THEIR APPLICATION TO
THE SELECTION PROBLEM
ANNALS OF THE INSTITUTE OF STATISTICAL MATHEMATICS V20
N1 PP71-97 1968
BY BARTLETT N S
GOVINDARAJULU Z
OAR ACCESS NO.....015250-008
DOC NUMBER.....AD679949
INSTR...AF-AFOSR-0741-65
PROJECT/TASK.....0747/02

AFOSR 68-2754
CONNELL UNIVERSITY
ON SOME NONLINEAR BOUNDARY PROBLEMS FOR THE EQUATION OF
MINIMAL SURFACES
JOURNAL OF MATHEMATICS AND MECHANICS V18 N2 PP125-130
AUGUST 1968
BY LEVIN S A
OAR ACCESS NO.....001531-004
DOC NUMBER.....AD680079
INSTR...AF-AFOSR-0390-63
PROJECT/TASK.....0747/02

AFOSR 68-2755
TORONTO UNIVERSITY OF
SOLID FLUORINE AND SOLID CHLORINE CRYSTAL STRUCTURES AND
INTERMOLECULAR FORCES
THE JOURNAL OF CHEMICAL PHYSICS V48 N11 PP4870-4875 1 JUNE
1968
BY NYBURG S C
OAR ACCESS NO.....021030-001
DOC NUMBER.....AD679953
INSTR...AF-AFOSR-1010-66
PROJECT/TASK.....0760/01

AFOSR 68-2756
TORONTO UNIVERSITY OF
KINETICS OF ATOMIC ASSOCIATION REACTIONS USING FLASH
PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE FINAL REPORT
NOV 1968
BY BURNS G
OAR ACCESS NO.....014440-001
DOC NUMBER.....AD679967
INSTR...AF-AFOSR-0500-64
PROJECT/TASK.....0760/02

AFOSR 68-2757
TORONTO UNIVERSITY OF
THE EFFECTIVE SHAPE OF THE COVALENTLY BOUND FLUORINE ATOM
CHEMICAL COMMUNICATIONS PP689-671 1968
BY NYBURG S C
SZYMANSKI J T
OAR ACCESS NO.....020030-002
DOC NUMBER.....AD679954
INSTR...AF-AFOSR-1010-66
PROJECT/TASK.....0760/01

AFOSR 68-2758
BENGON UNIVERSITY OF
THE EFFECT OF A VELOCITY DISPERSION OF THE PRIMARY
PARTICLES ON ALUMORAL LIGHT AND X-RAY PULSATIONS
ANNALES DE GEOPHYSIQUE V24 PP541-545 1968
BY PETERSEN M
KVIFTE G J
RJOHNDAL J
OAR ACCESS NO.....017170-005
DOC NUMBER.....AD679813
INSTR...AF-AFOSR-1052/00869
PROJECT/TASK.....0751/04

AFOSR 68-2759
MARYLAND UNIVERSITY OF
EXACT COMPUTATION OF THE VAN DER WAALS CONSTANT FOR TWO
HYDROGEN ATOMS
PHYSICAL REVIEW LETTERS V21 N16 PP1143-1144 14 OCT 1968
BY UGAKHOLL M
SUCHER J
OAR ACCESS NO.....002274-002
DOC NUMBER.....AD680559
INSTR...AF-AFOSR-1453-68
PROJECT/TASK.....0751/01

AFOSR 68-2760
NEW MEXICO UNIVERSITY OF
VISTAS IN SCIENCE THE THIRTEENTH AFOSR SCIENCE SEMINAR
ALBUQUERQUE NEW MEXICO JUNE 1968 THE UNIVERSITY OF NEW
MEXICO PRESS FINAL REPORT NOV 1968
BY ARM D L
OAR ACCESS NO.....010109-001
DOC NUMBER.....AD679198
INSTR...AF-AFOSR-1520-68
PROJECT/TASK.....0761/01

AFOSR 68-2761
UNIVERSIDAD CENTRAL DEL ECUADOR
PHYTOCHEMICAL STUDY OF A PSYCHOACTIVE PLANT PHANETIA
PARVIFOLIA /SPANISH/
CIENCIA Y NATURALEZA V10 N1 PP10-19 DECEMBER 1967
BY CHAVEZ L
NARANJO E
NARANJO P
OAR ACCESS NO.....017460-003
DOC NUMBER.....AD679868
INSTR...AF-AFOSR-0845-65
PROJECT/TASK.....0777/01

AFOSR 68-2762
UNIVERSIDAD CENTRAL DEL ECUADOR
PHYTOCHEMICAL STUDY OF THE PSYCHOACTIVE SPECIES IPOMEA
CAMPNEA /SPANISH/
CIENCIA Y NATURALEZA V10 N1 PP15 DECEMBER 1967
BY LASCANO C
NARANJO E
NARANJO Y P
OAR ACCESS NO.....017460-004
DOC NUMBER.....AD679867
INSTR...AF-AFOSR-0845-65
PROJECT/TASK.....0777/01

AFOSR 68-2763
ILLINOIS UNIVERSITY OF
PROCEEDING OF THE ICEE V56 N10 PP1717-1720 OCTOBER 1968
BY JOHNSON C D
OAR ACCESS NO.....000194-007
DOC NUMBER.....AD679958
INSTR...AF-AFOSR-0272-67
PROJECT/TASK.....0767/02

AFOSR 68-2764
WEISZMAN UNIVERSITY
MOSSHAUEN EFFECT IN THE STUDY OF SOLID FINAL REPORT NOV
1968
BY IMBUSIALE M L
OAR ACCESS NO.....018540-004
DOC NUMBER.....AD679640
INSTR...AF-AFOSR-0636-64
PROJECT/TASK.....0763/03

AFOSR 68-2766
CALIFORNIA UNIVERSITY OF
SPECTROSCOPIC ANALYSES OF A AND H STARS OF PROCLIP
COMPOSITION
UCLA ASTROPHYSICAL PAPERS V5 N13 PP137-161 1968
BY ALLER L H
ROSS J F
OAR ACCESS NO.....011091-009
DOC NUMBER.....AD679871
INSTR...AF-AFOSR-0093-64
PROJECT/TASK.....0774/01

AFOSR 68-2768
MILAN UNIVERSITY OF
IONIC THERMOCONDUCTIVITY AND PROPERTIES OF DIELECTRICS
FINAL REPORT JULY 1968
BY BUCCHI S
BUCCI C
CAPELLIETTI M
FIESCHI R
PARACCHINI C
DAR ACCESS NO.....012601-006
DDC NUMBER.....AD679609
INSTR...AF-FOAM-0007-65
PROJECT/TASK.....9763/03

AFOSR 68-2769
KAROLINSKA INSTITUTET
BIOPHYSICAL AND ELECTROPHYSIOLOGICAL STUDIES OF SENSORY
MECHANISMS FINAL REPORT DEC 1968
BY BENNHARD L G
DAR ACCESS NO.....000664-001
DDC NUMBER.....AD679606
INSTR...AF-FOAM-0004-66
PROJECT/TASK.....9777/01

AFOSR 68-2770
PISA UNIVERSITY OF
ON A FORMAL DEFINITION OF DIRECT MACHINE TOOL LANGUAGES
BY DI FORNO A F
CAMERA A
DAR ACCESS NO.....023310-001
DDC NUMBER.....AD679598
INSTR...F61052-67-C-0097
PROJECT/TASK.....9769/05

AFOSR 68-2771
JOHNS HOPKINS UNIVERSITY
SINGLE UNIT STUDIES OF CORTICAL CODING OF SIMPLE
ACOUSTIC STIMULI
PHYSIOLOGICAL AND BIOCHEMICAL ASPECTS OF NERVOUS
INTEGRATION PP131-151 1968
BY GOLDSTEIN M H JR
DAR ACCESS NO.....014530-002
DDC NUMBER.....AD679630
INSTR...AF-49/638/01386
PROJECT/TASK.....9777/01

AFOSR 68-2772
RICE UNIVERSITY
NUCLEAR QUASI-EQUILIBRIUM DURING SILENT BURNING
ASTROPHYSICAL JOURNAL SUPPLEMENT SER 1188 V16 PP294-371
NOV 1968
BY BEDANSKY J
CLAYTON D D
FINKEL M A
DAR ACCESS NO.....019560-013
DDC NUMBER.....AD679639
INSTR...AF-AFOSR-0855-65
PROJECT/TASK.....9751/07

AFOSR 68-2773
ROCHESTER UNIVERSITY OF
ELECTRON CORRELATIONS IN LASER PLASMA FLUCTUATIONS NEAR
THRESHOLD
PHYSICS LETTERS V20A N6 PP579-580 9 SEPTEMBER 1968
BY DAVIDSON R
MANDEL L
DAR ACCESS NO.....019103-011
DDC NUMBER.....AD679707
INSTR...AF-49/638/01732
PROJECT/TASK.....9767/02

AFOSR 68-2774
VIRGINIA INST SCIENTIFIC RESEARCH
CHEMICAL CHARACTERIZATION OF MOLECULES ASSUMED ON A
FOREIGN SOLID SURF. REPRINT NOV 1968
BY HOUSSON R F JR
DAR ACCESS NO.....019121-001
DDC NUMBER.....AD679630
INSTR...AF-AFOSR-0734-67
PROJECT/TASK.....9760/01

AFOSR 68-2775
PRINCETON UNIVERSITY
PLASMA-WAVE INSTABILITIES IN THE JONKHEMME OVER THE
EQUATOR
JOURNAL OF GEOPHYSICAL RESEARCH V73 N2 PP6631-6668 1
NOVEMBER 1968
BY PERAINO P B
DAR ACCESS NO.....018630-007
DDC NUMBER.....AD679798
INSTR...AF-49/638/01555
PROJECT/TASK.....9774/01

AFOSR 68-2776
SHEFFIELD UNIVERSITY OF
CHOICE BETWEEN AUTOTROPHY AND HETEROTROPHY IN PSEUDOMONAS
OKALASCENSIS GROWTH IN MIXED SUBSTRATES
BIOCHEMICAL JOURNAL V107 PP705-713 1968
BY BRASHERS-Krug M A
QUAYLE J F
DAR ACCESS NO.....000061-000
DDC NUMBER.....AD680386
INSTR...AF-FOAM-0004-66
PROJECT/TASK.....9777/01

AFOSR 68-2777
TEXAS TECHUNICAL COLLEGE
THE ANTIMONY-INDUCED INHIBITION OF THE GROWTH OF THE
INHIBITION OF CELLULAR GROWTH BY ANTIMONY
BY HUNTER A
HUNTER A
HUNTER A
DAR ACCESS NO.....019103-011
DDC NUMBER.....AD679707
INSTR...AF-49/638/01732
PROJECT/TASK.....9767/02

AFOSR 68-2778
JOHNS HOPKINS UNIVERSITY
REPRESENTATION OF HINAURAL STIMULI BY SINGLE UNITS IN
PRIMARY AUDITORY CORTX OF UNANESTHETIZED CATS
THE JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA V43 N3
PP456-461 MARCH 1968
BY HALL J L II
GOLDSTEIN M H JR
DAR ACCESS NO.....019530-003
DDC NUMBER.....AD679829
INSTR...AF-49/638/01386
PROJECT/TASK.....9777/01

AFOSR 68-2779
JOHNS HOPKINS UNIVERSITY
A HALLOCA-BORNE IMPROVED CORONAGRAPH
APPLIED OPTICS V7 N6 PP1149-1154 JUNE 1968
BY MACQUEEN R M
DAR ACCESS NO.....000133-002
DDC NUMBER.....AD679822
INSTR...AF-49/638/01432
PROJECT/TASK.....9767/01

AFOSR 68-2780
JOHNS HOPKINS UNIVERSITY
A NOTE ON THE STRATOSPHERIC INFRARED SKY RADIANCE
JOURNAL OF ATMOSPHERIC SCIENCE V25 N2 PP336-337 MARCH
1968
BY MACQUEEN R M
DAR ACCESS NO.....000133-003
DDC NUMBER.....AD679825
INSTR...AF-49/638/01432
PROJECT/TASK.....9767/01

AFOSR 68-2781
TEXAS UNIVERSITY OF
CONTINUITY OF METRIC PROJECTIONS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V134
N2 PP335-341 NOVEMBER 1968
BY WULBERT D E
DAR ACCESS NO.....021520-002
DDC NUMBER.....AD680091
INSTR...AF-AFOSR-1109-66
PROJECT/TASK.....9749/01

AFOSR 68-2782
OREGON UNIVERSITY OF
DEFLECTION MATTER ELEMENTS FOR CLOSED SMALL NUCLEI USING
REALISTIC FORCES
NUCLEAR PHYSICS V413 PP108-175 24 MAY 1968
BY CHILLOT J
MCNABUS M
DAR ACCESS NO.....017600-005
DDC NUMBER.....AD679872
INSTR...AF-AFOSR-0947-65
PROJECT/TASK.....9751/07

AFOSR 68-2783
BRITISH COLUMBIA UNIVERSITY IN
AN INFINITY FOR ELLIPTIC EQUATIONS WITH APPLICATIONS
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY V134 N2
PP334-341 NOVEMBER 1968
BY SARASON D A
DAR ACCESS NO.....000664-003
DDC NUMBER.....AD679606
INSTR...AF-AFOSR-0734-67
PROJECT/TASK.....9760/01

AFOSR 68-2784
KANSAS STATE UNIVERSITY OF
AGING PERFORMANCE COSTS OF LONG-TERM LOG-HARDWARE
EXPERIMENTATION TECHNOLOGY V15 N11 PP2473 NOVEMBER 1968
BY HIGGS C A
SMITH C L
WIRRELL D B
DAR ACCESS NO.....019121-001
DDC NUMBER.....AD679630
INSTR...AF-49/638/01732
PROJECT/TASK.....9767/02

AFOSR 68-2785
MARYLAND UNIVERSITY OF
ON THE RADIAL PROJECTION IN NORMED SPACE
JOURNAL OF THE AMERICAN MATHEMATICAL SOCIETY V1 N2
PP244-346 MAY 1967
BY DEGENBERG D G
KARLOVITZ L A
DAR ACCESS NO.....027480-004
DDC NUMBER.....AD680383
INSTR...AF-AFOSR-1109-66
PROJECT/TASK.....9749/01

AFOSR 68-2786
KONSTANZ POLYTECHNIC INSTITUTE
PROFESSOR DEPENDENCE OF VISCOSITY LIQUID HEAT CONDUCTIVITY
PHYSICS AND CHEMISTRY OF GLASSES BY N3 PP141-15 JUNE 1968
BY SPEARE J I
WELSH J D
DAR ACCESS NO.....019103-011
DDC NUMBER.....AD679707
INSTR...AF-49/638/01732
PROJECT/TASK.....9767/02

AFOSR 68-2787
MURRAY UNIVERSITY OF
ON THE DISTRIBUTION IN THE MAXIMUM OF THE STATE SPACE
OF THE
THE ANALYSIS OF MATHEMATICAL STATISTICS FOR THE MAXIMUM OF
THE
BY HUNTER A
HUNTER A
HUNTER A
DAR ACCESS NO.....019103-011
DDC NUMBER.....AD679707
INSTR...AF-49/638/01732
PROJECT/TASK.....9767/02

AFOSR 68-2788
WASHINGTON UNIVERSITY OF
BIOLOGICAL ASPECTS OF THE NERVE GROWTH FACTOR
CIBA FOUNDATION SYMPOSIUM ON GROWTH OF THE NERVOUS SYSTEM
PP186-182 1968
BY MONTALCINI R L
ANGELETTI P U
OAR ACCESS NO.....021300-002
DOC NUMBER.....AD680062
INSTR...AF-AFOSR-1182-07
PROJECT/TASK.....9777/01

AFOSR 68-2789
PARMA UNIVERSITY OF
CORRELATION BETWEEN LIGHT-AND DARK TONIC ACTIVITY IN THE
CENTRAL VISUAL PATHWAYS IN THE ABSENCE AS WELL AS IN THE
PRESENCE OF ANESTHESIA /ITALIAN/
BOLLETTINO DELLA SOCIETA ITALIANA DI BIOLOGIA
SPERIMENTALE V44 N1 PP16-18 1968
BY CORAZZA R
TRADARDI V
UNITA C
OAR ACCESS NO.....018633-003
DOC NUMBER.....AD680729
INSTR...AF-EOAR -0007-67
PROJECT/TASK.....9777/01

AFOSR 68-2790
PARMA UNIVERSITY OF
EFFECTS OF STEADY DIFFUSE ILLUMINATION ON RATE OF UNITARY
TONIC DISCHARGE IN THE CENTRAL VISUAL PATHWAYS OF THE
MIDPONTINE PRETRIGEMINAL PREPARATION /ITALIAN/
BOLLETTINO DELLA SOCIETA ITALIANA DI BIOLOGIA SPERIMENTALE
V44 N1 PP12-18 1968
BY CORAZZA R
TRADARDI V
UNITA C
OAR ACCESS NO.....018633-004
DOC NUMBER.....AD680728
INSTR...AF-EOAR -0007-67
PROJECT/TASK.....9777/01

AFOSR 68-2791
ROME UNIVERSITY OF
FUNCTIONAL PROPERTIES OF A HEMOGLOBIN CARRYING HEME ONLY
ON ALPHA CHAINS
BIOCHEMISTRY V7 N6 PP2228-2232 JUNE 1968
BY WINTERHALTER K H
AMICONE G
ANTONINI E
OAR ACCESS NO.....018662-003
DOC NUMBER.....AD679945
INSTR...AF-EOAR -0006-68
PROJECT/TASK.....9777/01

AFOSR 68-2792
CALIFORNIA UNIVERSITY OF
SPECTRA OF THE CENTRAL STARS OF PLANETARY NEBULAE
UCLA ASTRONOMICAL PAPERS V8 N14 PP339-354
BY ALLER L R
OAR ACCESS NO.....011691-010
DOC NUMBER.....AD679870
INSTR...AF-AFOSR-0083-85
PROJECT/TASK.....9776/01

AFOSR 68-2793
GEORGE WASHINGTON UNIVERSITY
INTERACTION IN MULTIDIMENSIONAL CONTINGENCY TABLES AND
FORMATION THEORETIC APPROACH
JOURNAL OF RESEARCH NATIONAL BUREAU OF STANDARDS
JULY-SEPTEMBER 1968
BY HU H H
KULBACK S
OAR ACCESS NO.....038120-008
DOC NUMBER.....AD679950
INSTR...AF-AFOSR-0972-85
PROJECT/TASK.....9769/02

AFOSR 68-2794
CALIFORNIA UNIVERSITY OF
CHARACTERISTICS OF NEW SLEEP FOLLOWING DIFFERENT
CONDITIONED RATES OF WAKING EYE MOVEMENT IN THE MURRAY
PERCEPTUAL AND MOTOR SKILLS V27 PP94-117 1968
BY HERGER R J
OAR ACCESS NO.....008322-026
DOC NUMBER.....AD671384
INSTR...AF-68/036/21/07
PROJECT/TASK.....9777/01

AFOSR 68-2795
LUND UNIVERSITY OF
HYPOTHYROIDISM AND RELATED CHANGES IN ENDOCRINE CELL
SYSTEMS
ADVANCES IN ENDOCRINOLOGY V6 PTA PP211-231 1968
BY FALK R
OBMAN C
OAR ACCESS NO.....014342-004
DOC NUMBER.....AD680071
INSTR...AF-EOAR -0015-67
PROJECT/TASK.....9777/01

AFOSR 68-2796
S A C COOP
LOGIC IN OBSERVATION FINAL REPORT JULY 1968
BY SALVENDY G
OAR ACCESS NO.....021810-001
DOC NUMBER.....AD679805
INSTR...AF-68/036/21/07
PROJECT/TASK.....9769/00

AFOSR 68-2797
WASHINGTON UNIVERSITY OF
NONPLANAR MOON-TO-EARTH TRAJECTORIES
AIAA JOURNAL V8 N10 PP1986-1991 OCTOBER 1968
BY LANCASTER J E
KEYORKIAN J
OAR ACCESS NO.....021410-003
DOC NUMBER.....AD680100
INSTR...AF-AFOSR-1054-86
PROJECT/TASK.....9749/01

AFOSR 68-2798
YALE UNIVERSITY
MEASUREMENTS OF G J RAYIOS FOR R885 R887 HYDROGEN AND
DEUTERIUM AND OF THE HYPERFINE SEPARATION OF DEUTERIUM
THE PHYSICAL REVIEW V171 N1 PP20-31 5 JULY 1968
BY MAYNE G S
ENSBURG E S
ROBINSON M G
OAR ACCESS NO.....012315-015
DOC NUMBER.....AD680060
INSTR...AF-AFOSR-0249-67
PROJECT/TASK.....9767/02

AFOSR 68-2799
SOUTHERN CALIFORNIA UNIVERSITY OF
IMPROVED SWEEP MODULATOR FOR HIGH DC VOLTAGES
THE REVIEW OF SCIENTIFIC INSTRUMENTS V39 N8 PP1283-1224
AUG 1968
BY REHEIKES A
BEAUDET R A
POYNTER R L
STEFFENSEN G
OAR ACCESS NO.....017160-002
DOC NUMBER.....AD679862
INSTR...AF-AFOSR-0849-65
PROJECT/TASK.....9760/01

AFOSR 68-2800
ILLINOIS UNIVERSITY OF
MEMORY AND INDUCTIVE INFERENCE
PROCEEDINGS OF SYMPOSIUM ON CYBERNETICS PROBLEMS IN
BIONICS NEW YORK 1966 PP31-68 1968
BY INSELBERG A
FOENSTER M V
WESTON P
OAR ACCESS NO.....012152-008
DOC NUMBER.....AD679956
INSTR...AF-AFOSR-0007-66
PROJECT/TASK.....9769/04

AFOSR 68-2801
ILLINOIS UNIVERSITY OF
CHANNEL CAPACITY OF MOORE AUTOMATA
INFORMATION AND CONTROL V12 N6/6 PP453-465 JUNE 1968
BY CONANT R C
OAR ACCESS NO.....012153-014
DOC NUMBER.....AD679957
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 68-2802
ILLINOIS UNIVERSITY OF
A VISUAL IMAGE PROCESSOR
IEEE TRANSACTIONS ON COMPUTERS VC-17 N7 PP635-639 JULY
1968
BY RUSSELL J R
OAR ACCESS NO.....012153-013
DOC NUMBER.....AD679950
INSTR...AF-AFOSR-0007-67
PROJECT/TASK.....9769/04

AFOSR 68-2803
INDIANA UNIV RESEARCH FOUNDATION
SUMMATIVE ACTIVITY AS AFFECTED BY THE THERMAL STATUS OF
THE SKIN IN A BATH ENVIRONMENT
PROCEEDINGS OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY AND
MEDICINE V127 PP887-895 1968
BY DANIEL M H
MCINTYRE B A
WILLARD R B
OAR ACCESS NO.....024160-001
DOC NUMBER.....AD679940
INSTR...AF-68/020-08-C-0014
PROJECT/TASK.....9761/07

AFOSR 68-2804
STEVENSON INSTITUTE OF TECHNOLOGY
SIGNAL ANALYSIS METHODS FOR ADAPTIVE CONTROL SYSTEMS
BY CLEMENT P H
STAFFIN R
OAR ACCESS NO.....018711-001
DOC NUMBER.....AD679951
INSTR...AF-AFOSR-0001-66
PROJECT/TASK.....9749/01

AFOSR 68-2805
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HALOGENATED-METAL COMPOUNDS IN FURTHER STUDIES OF THE AMYL
/TROMBONOL/CHLOROMETHYL METHACRYLATE/OLEFIN REACTION
JOURNAL AMERICAN CHEMICAL SOCIETY 90 N22 PP6182-6186
23 OCT 1968
BY DEETHAM LEWENTH D
MUI J Y P
DARHAUGH R
OAR ACCESS NO.....023400-005
DOC NUMBER.....AD680071
INSTR...AF-AFOSR-1350-68
PROJECT/TASK.....9762/02

AFOSR 68-2806
UNIVERSITY OF CALIFORNIA
CONDITIONS FOR THE VALIDITY OF THE ANGULAR SPECTRUM OF
FLAME RAYS
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA V58 N4
PP1235-1237 SEPTEMBER 1968
BY LELAND E
OAR ACCESS NO.....004624-007
DOC NUMBER.....AD680076
INSTR...AF-AFOSR-1404-6A
PROJECT/TASK.....9767/02

AFOSR 68-2807
 GEORGETOWN UNIVERSITY
 EFFECT OF N-METHYLMIMODIACETIC ACID AS A NON-BRIDGING
 LIGAND IN THE CHROMIUM (II)-CHROMIUM(III) ELECTRON-TRANSFER
 REACTION
 JOURNAL CHEMICAL SOCIETY VA PP1102-1105 1968
 BY CANNON R D OAR ACCESS NO.....023610-001
 EARLEY J E DOC NUMBER.....AD680061
 INSTR...AF-AFOSR-1825-07
 PROJECT/TASK.....9710/02

AFOSR 68-2808
 SOUTHERN CALIFORNIA UNIVERSITY OF
 MICROWAVE SPECTRUM VIBRATION-ROTATION INTERACTION
 MOLECULAR STRUCTURE AND DIPOLE MOMENT OF
 1-METHYLPENTADIMANE /97
 THE JOURNAL CHEMICAL PHYSICS VAR N3 PP1220-1223 1 FEB 1968
 BY COHEN E A OAR ACCESS NO.....017160-001
 BEAUDET M A DOC NUMBER.....AD679861
 INSTR...AF-AFOSR-0849-65
 PROJECT/TASK.....9760/01

AFOSR 68-2809
 MASSACHUSETTS UNIVERSITY OF
 PREFERENTIAL SOLVATION OF CO SUPER 2 PLUS AND NI SUPER
 2 PLUS IONS IN MIXED SOLVENTS N M N METHCOS
 CANADIAN JOURNAL OF CHEMISTRY V46 N20 PP3183-3187 1968
 BY FRANKEL L S OAR ACCESS NO.....013611-009
 STENGLE Y R DOC NUMBER.....AD679862
 LANGFORD C M INSTR...AF-AFOSR-0212-05
 PROJECT/TASK.....9760/02

AFOSR 68-2814
 BRISTOL UNIVERSITY OF
 CHEMISTRY OF THE METAL CARBONYLS PART XLIX DICARBONYL-PI-
 CYCLOPENTADIENYL RUTHENIUM FLUOROCARBON COMPLEXES
 JOURNAL THE CHEMICAL SOCIETY SECT A PP2158-2162 1968
 BY HICKMORE T OAR ACCESS NO.....015380-015
 BRUCE M I DOC NUMBER.....AD680494
 STONE F G A INSTR...AF-61/052/00847
 PROJECT/TASK.....9710/02

AFOSR 68-2815
 MINNESOTA UNIVERSITY OF
 PROBABILITY AND STATISTICS FINAL REPORT DEC 1968
 BY KALLIAMPUR G OAR ACCESS NO.....017930-003
 DOC NUMBER.....AD680051
 INSTR...AF-AFOSR-0865-05
 PROJECT/TASK.....9749/02

AFOSR 68-2816
 BROOKLYN POLYTECHNIC INSTITUTE OF
 HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES WITH SHARP
 LEADING EDGES
 AIAA JOURNAL V6 N10 PP1883-1890 OCT 1968
 BY RUDMAN S OAR ACCESS NO.....019521-014
 RUBIN S G DOC NUMBER.....AD680614
 INSTR...AF-49/638/01623
 PROJECT/TASK.....9781/01

AFOSR 68-2817
 STANFORD UNIVERSITY
 UNDUCED WHISTLER EVIDENCE FOR A SECONDARY PEAK IN THE
 ELECTRON ENERGY SPECTRUM NEAR 10 KEV
 JOURNAL GEOPHYSICAL RESEARCH V73 N15 PP4895-4904 1 AUG
 1968
 BY THORNE R V OAR ACCESS NO.....000175-004
 DOC NUMBER.....AD680147
 INSTR...AF-AFOSR-0743-07
 PROJECT/TASK.....9768/02

AFOSR 68-2818
 SPENRY RAND RESEARCH CENTER
 SINGLE-ENDED O-DEVICE
 PHYSICS OF FLUIDS VII N9 PP2032-2035 SEPT 1968
 BY DECKER J A JR OAR ACCESS NO.....017440-007
 DOC NUMBER.....AD680605
 INSTR...AF-49/638/01741
 PROJECT/TASK.....9752/01

AFOSR 68-2819
 CITY COLLEGE RESEARCH FOUNDATION
 COMBUSTION OF AMMONIUM PERCHLORATE--SOME NEGATIVE
 CONCLUSIONS
 AIAA JOURNAL V6 N5 PP964-966 MAY 1968
 BY VENUGRAD J OAR ACCESS NO.....017771-001
 SHINMAR H DOC NUMBER.....AD680736
 INSTR...AF-AFOSR-0921-07
 PROJECT/TASK.....9711/01

AFOSR 68-2820
 SOUTHWEST RESEARCH INSTITUTE
 EFFECT OF TEMPERATURE GRADIENTS ON THE PROPAGATION OF
 ELASTOPLASTIC WAVES
 JOURNAL OF APPLIED MECHANICS PP441-444 SEPT 1968
 BY FRANCIS P H OAR ACCESS NO.....010351-005
 LINDHOLM U S DOC NUMBER.....AD680497
 INSTR...AF-49/638/01445
 PROJECT/TASK.....9782/02

AFOSR 68-2821
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE
 STABILITY OF AIR FLOW OVER A WATER SURFACE
 JOURNAL FLUID MECHANICS V33 PTA PP673-691 1968
 BY GUPTA A K OAR ACCESS NO.....016530-001
 LANDAHL M T DOC NUMBER.....AD680732
 MOLLICH-CHRISTENSEN E L INSTR...AF-49/638/01493
 PROJECT/TASK.....9781/01

AFOSR 68-2822
 NEW YORK UNIVERSITY
 ASYMPTOTIC SOLUTIONS OF WAVES AND BOUNDARY LAYERS
 JOURNAL OF ENGINEERING MATHEMATICS V2 N1 PP23-38 1968
 BY TING L OAR ACCESS NO.....021081-001
 DOC NUMBER.....AD680327
 INSTR...AF-AFOSR-1082-87
 PROJECT/TASK.....9781/01

AFOSR 68-2824
 AEROCHEM RESEARCH LAMCHATORY INC
 CONDENSATION-ENHANCED VAPORIZATION RATES IN NONISOTHERMAL
 SYSTEMS
 TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME V242
 PP2355-2357 NOV 1966
 BY ROSNER D F OAR ACCESS NO.....009751-007
 EPSTEIN M DOC NUMBER.....AD680135
 INSTR...AF-49/638/01654
 PROJECT/TASK.....9750/02

AFOSR 68-2825
 CALIFORNIA UNIVERSITY OF
 VARIABLE PROPERTY EFFECTS ON LIQUID DROPLET COMBUSTION
 AIAA JOURNAL V6 N10 PP1961-1965 OCT 1968
 BY KASSOY D R OAR ACCESS NO.....024310-002
 WILLIAMS F A DOC NUMBER.....AD680132
 INSTR...F44620-68-C-0010
 PROJECT/TASK.....9721/02

AFOSR 68-2826
 NATIONAL ACADEMY OF SCIENCES
 THE NOMENCLATURE OF BORON COMPOUNDS
 INORGANIC CHEMISTRY V7 N10 PP1945-1964 1968
 BY KASSOY D R OAR ACCESS NO.....017100-001
 WILLIAMS F A DOC NUMBER.....AD680498
 INSTR...AF-AFOSR-0890-65
 PROJECT/TASK.....9710/02

AFOSR 68-2828
 ILLINOIS UNIVERSITY OF
 AN EXPERIMENTAL TEST OF PROPOSED WATER-VAPOR LASER
 TRANSITION ASSIGNMENTS
 APPLIED PHYSICS LETTERS V13 N3 PP104-107 1 AUG 1968
 BY JEFFERS W Q OAR ACCESS NO.....016982-002
 DOC NUMBER.....AD680154
 INSTR...AF-AFOSR-1147-66
 PROJECT/TASK.....9768/02

AFOSR 68-2829
 CALIFORNIA UNIVERSITY OF
 INJECTION EFFECTS IN HIGH PRANDTL NUMBER BOUNDARY-LAYER
 FLOWS
 AIAA JOURNAL V6 N9 PP1796-1797 SEP 1968
 BY KASSOY D R OAR ACCESS NO.....024310-003
 DOC NUMBER.....AD680133
 INSTR...F44620-68-C-0010
 PROJECT/TASK.....9721/02

AFOSR 68-2830
 INNSBRUCK UNIVERSITY
 PERFORMANCE STUDIES OF PLASMA ACCELERATORS
 PROCEEDINGS OF THE INTERNATIONAL ASTRONAUTICAL CONGRESS
 MADRID SPAIN 1968 PP261-271
 BY FRIEDEL H OAR ACCESS NO.....013250-037
 LACKNER K DOC NUMBER.....AD680733
 INSTR...AF-01/052/00575
 PROJECT/TASK.....9752/01

AFOSR 68-2832
 STANFORD UNIVERSITY
 INTERACTION OF MICROWAVES WITH MATCH FINAL REPORT OCT
 1968
 BY AULD B A OAR ACCESS NO.....004663-009
 WINSLOW D DOC NUMBER.....AD680044
 WOLKERSTORFER O INSTR...AF-49/638/01429
 MURRY J PROJECT/TASK.....9768/02

AFOSR 68-2833
 OREGON UNIVERSITY OF
 CODING SYSTEMS IN PERCEPTION AND COGNITION
 BY POSNER M I OAR ACCESS NO.....023630-003
 DOC NUMBER.....AD680026
 INSTR...F44620-67-C-0094
 PROJECT/TASK.....9740/00

AFOSR 68-2834
CALIFORNIA UNIVERSITY OF
CLASS OF SOLUTIONS OF THE ASYMMETRIC BOUNDARY-LAYER
EQUATIONS WITH MASS TRANSFER
AIAA JOURNAL V6 N10 PP2045-2046 OCT 1968
BY MURDOCHOW M
LIBBY P A
DAR ACCESS NO.....024310-005
DOC NUMBER.....AD680899
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....7921/02

AFOSR 68-2835
HARVARD UNIVERSITY
EICHLEH INTEGRALS AND THE AREA THEO
MICHIGAN MATHEMATICAL JOURNAL V15 PP21-22
BY AHLFORS L V
DAR ACCESS NO.....001593-011
DOC NUMBER.....AD680501
INSTR...AF-49/638/01591
PROJECT/TASK.....4749/02

AFOSR 68-2836
MINNESOTA UNIVERSITY OF
SOME NONLOCAL RESULTS FOR WEAKLY NONLINEAR DYNAMICAL
SYSTEMS
QUARTERLY OF APPLIED MATHEMATICS V26 N2 PP175-185 JULY
1968
BY SEHNA P R
MORAN T J
DAR ACCESS NO.....011452-004
DOC NUMBER.....AD680504
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....4749/01

AFOSR 68-2837
MINNESOTA UNIVERSITY OF
ON DYNAMICAL SYSTEMS WITH HIGH FREQUENCY PARAMETRIC
EXCITATION
INTERN J NON-LINEAR MECHANICS V3 PP351-365 1968
BY 9749 01
DAR ACCESS NO.....011452-005
DOC NUMBER.....AD680508
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....4749/01

AFOSR 68-2838
BROOKLYN POLYTECHNIC INSTITUTE OF
REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC POWER AT
MOVING INTERFACES
JOURNAL OF APPLIED PHYSICS V39 N7 PP3512-3513 JUN 1968
BY BERGER H
DAR ACCESS NO.....001885-054
DOC NUMBER.....AD680609
INSTR...AF-49/638/01402
PROJECT/TASK.....4751/00

AFOSR 68-2839
BROOKLYN POLYTECHNIC INSTITUTE OF
THE RELATIVISTIC DOPPLER EQUATIONS FOR ATTENUATED WAVES
AND THE DRAG EFFECT
JOURNAL OF APPLIED PHYSICS V39 N8 PP3509-3573 JUL 1968
BY BEGER H
GRIENSMANN J W E
DAR ACCESS NO.....001885-055
DOC NUMBER.....AD680609
INSTR...AF-49/638/01402
PROJECT/TASK.....4751/00

AFOSR 68-2840
MARTIN MARETTA CORP
AN IMPROVED DIFFERENTIAL APPROXIMATION FOR RADIATIVE
TRANSFER WITH SPHERICAL SYMMETRY
BY THAUGOTT S C
DAR ACCESS NO.....022400-002
DOC NUMBER.....AD680944
INSTR...AF-49/638/01726
PROJECT/TASK.....4761/02

AFOSR 68-2841
VICTORIA UNIVERSITY OF WELLINGTON
MIGRATION OF CATIONS IN TWO SOLID-STATE REACTIONS
SYMPOSIUM OF THE FARADAY SOCIETY N1 PP103-115 1967
BY DUNCAN J F
MACKENZIE K J D
STEWART D J
DAR ACCESS NO.....022700-000
DOC NUMBER.....AD680694
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....9710/03

AFOSR 68-2842
COLUMBIA UNIVERSITY
THE PHOTOLYSIS OF ALKYL NITRATES IN ALCOHOLIC MEDIA
TETRAHEDRON LETTERS N47 PP4897-4900 1968
BY SMITH S
DITCHETT M J
RIVEROS J M
DAR ACCESS NO.....003883-001
DOC NUMBER.....AD680555
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....9710/03

AFOSR 68-2843
WISCONSIN UNIVERSITY OF
STRUCTURAL CHEMISTRY AND BONDING IN INORGANIC COMPOUNDS
FINAL REPORT DEC 1968
BY DAHL L F
DAR ACCESS NO.....014421-011
DOC NUMBER.....AD680050
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....9710/01

AFOSR 68-2844
VICTORIA UNIVERSITY OF WELLINGTON
MODIFICATION OF CHEMICAL PROPERTIES OF IRON CYANIDES IN
SOLID SOLUTIONS
AUSTRALIAN JOURNAL OF CHEMISTRY V21 PP2175-2188 1968
BY DUNCAN J F
PERCEVAL M J
DAR ACCESS NO.....022700-001
DOC NUMBER.....AD680328
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....9760/01

AFOSR 68-2845
VICTORIA UNIVERSITY OF WELLINGTON
KINETICS AND MECHANISM OF FORMATION OF ZINC FERRITE
TRANSACTIONS OF THE FARADAY SOCIETY V63 N532 PT4 APR 1967
BY DUNCAN J F
STEWART D J
DAR ACCESS NO.....022700-002
DOC NUMBER.....AD680329
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....9760/01

AFOSR 68-2846
MINNESOTA UNIVERSITY OF
THE EFFECT OF ORIENTATION OF DEGENERATE COORDINATES ON
CORIOLIS COUPLING CONSTANTS
JOURNAL MOLECULAR SPECTROSCOPY V25 N3 PP406-409 MARCH 1968
BY GINN S G W
HEICHMAN S
DAR ACCESS NO.....010972-003
DOC NUMBER.....AD680150
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....9760/01

AFOSR 68-2847
CALIFORNIA UNIVERSITY OF
INTERACTION OF EXTERNAL RADIATION WITH AN ACOUSTIC WAVE
PHYSICS OF FLUIDS V11 N8 PP1657-1663 AUG 1968
BY DEPLIMO E P
OLFE D B
DAR ACCESS NO.....024310-004
DOC NUMBER.....AD680131
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....7921/02

AFOSR 68-2849
BROOKLYN POLYTECHNIC INSTITUTE OF
ON OBSERVERS IN MULTI-VARIABLE CONTROL SYSTEMS
INTERN CONTROL V8 N3 PP221-243 1968
BY BONGIORNO J J JR
YOUNG D C
DAR ACCESS NO.....000182-004
DOC NUMBER.....AD680138
INSTR...AF-49/638/01373
PROJECT/TASK.....9749/01

AFOSR 68-2850
CHICAGO UNIVERSITY
THEORY OF RADIATIONLESS TRANSITIONS IN AN ISOLATED
MOLECULE
THE JOURNAL CHEMICAL PHYSICS V49 N2 PP610-621 15 JULY 1968
BY CHOCK O P
JOHNSON J
RICE S A
DAR ACCESS NO.....015061-034
DOC NUMBER.....AD680507
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....9760/01

AFOSR 68-2851
CHICAGO UNIVERSITY
SECULAR BEHAVIOR AND FRIEDMANS MULTIPLE-TIME-SCALE
THEORY OF IRREVERSIBLE PROCESSES
THE JOURNAL CHEMICAL PHYSICS V49 N4 PP1697-1704 15 AUG
1968
BY WILSON M H
RICE S A
DAR ACCESS NO.....015061-035
DOC NUMBER.....AD680503
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....9760/01

AFOSR 68-2852
RICE UNIVERSITY
THE SET OF ASYMPTOTIC VALUES OF A BOUNDED MOLECULAR
FUNCTION
DUKE MATHEMATICAL JOURNAL V33 N3 PP477-484 SEPTEMBER 1966
BY RYAN F B
DAR ACCESS NO.....017560-001
DOC NUMBER.....AD680508
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....9749/02

AFOSR 68-2853
RICE UNIVERSITY
A CHARACTERIZATION OF THE SET OF ASYMPTOTIC VALUES OF A
FUNCTION MOLECULAR IN THE UNIT DISC
DUKE MATHEMATICAL JOURNAL V33 N3 PP485-494 SEPTEMBER 1966
BY RYAN F B
DAR ACCESS NO.....017560-002
DOC NUMBER.....AD680509
INSTR...AF-68020-68-C-0010
PROJECT/TASK.....9749/02

AFOSR 68-2854
CALIFORNIA INSTITUTE OF TECHNOLOGY
CORRELATION BETWEEN PHOTOCHEMISTRY AND HIGH-ENERGY
RADIATION CHEMISTRY
PHOTOCHEMISTRY AND PHOTOBIOLOGY V7 N6 PP655-703 1968
BY HAMMOND G S
CALDWELL M A
KING J M
KRISTINSON M
WHITTEN J G
DAR ACCESS NO.....015080-015
DOC NUMBER.....AD680130
INSTR...AF-49/638/01479
PROJECT/TASK.....9760/01

AFOSR 68-2855
ILLINOIS UNIVERSITY OF
GAIN CHARACTERISTICS OF A WATER VAPOR LASER
PROCEEDINGS OF THE IEEE V55 N12 PP2163-2164 DEC 1967
BY JEFFERS W G
WITTIG C P
COLFMAN P O
OAR ACCESS NO.....016982-003
DDC NUMBER.....AD680185
INSTR...AF-AFOSR-1147-66
PROJECT/TASK.....9768/02

AFOSR 68-2856
TEXAS A AND M UNIVERSITY
HYPERFINE SPLITTING OF THE GROUND STATE OF LITHIUM
THE JOURNAL OF CHEMICAL PHYSICS V49 N3 PP1358-1364 1
AUGUST 1968
BY HARDCASTLE D L
CANDEL J L
KEOWN R
OAR ACCESS NO.....017451-007
DDC NUMBER.....AD680573
INSTR...AF-AFOSR-0918-67
PROJECT/TASK.....9751/02

AFOSR 68-2857
UNIVERSITY COLLEGE
OBSERVATIONS OF CP1133 WITH A FAST NIGHT SKY CERENKOV
DETECTOR
NATURE V219 N5161 PP1348-1349 28 SEPT 1968
BY O MUNGAIN E P
PORTER N A
WHITE J
FELGAN D J
JENNINGS D M
OAR ACCESS NO.....013901-005
DDC NUMBER.....AD680326
INSTR...AF-EDAH -0027-67
PROJECT/TASK.....9751/04

AFOSR 68-2858
MARYLAND UNIVERSITY OF
PREDOMINANTLY ELECTROMAGNETIC AIM SHOWERS OF ENERGY 10-14
EV TO 10-16 EV
CANADIAN JOURNAL OF PHYSICS /SUPPLEMENT V46 N10 PP72-74 15
MAY 1968
BY KANATA K
SHIBATA S
SAAVEDRA C
DOMINGO V
SUGA K
OAR ACCESS NO.....021051-002
DDC NUMBER.....AD680731
INSTR...AF-AFOSR-1176-66
PROJECT/TASK.....9751/04

AFOSR 68-2859
TEXAS A AND M RESEARCH FOUNDATION
BORN-APPROXIMATION FORMULATION OF NEUTRON-NEUTRON
SCATTERING WITH TENSOR INTERACTION
THE PHYSICAL REVIEW V169 N4 PP1174-1180 20 APRIL 1968
BY PURRINGTON H D
GAMMEL J L
OAR ACCESS NO.....017451-008
DDC NUMBER.....AD680572
INSTR...AF-AFOSR-0918-67
PROJECT/TASK.....9751/02

AFOSR 68-2860
MARYLAND UNIVERSITY OF
HIGH ENERGY INTERACTIONS OF COSMIC RAYS GREATER THAN 1000
REV OBSERVED AT 5200 M ABOVE SEA LEVEL
CANADIAN JOURNAL OF PHYSICS SUPPLEMENT V46 N10 PP563-567
1968
BY KANATA K
LA POINTE M H
GAERLER J F
ESCORAR I
SHIBATA S
OAR ACCESS NO.....021051-003
DDC NUMBER.....AD680730
INSTR...AF-AFOSR-1176-66
PROJECT/TASK.....9751/04

AFOSR 68-2861
FLORIDA UNIVERSITY
ON THE DEGENERACY OF THE KEPLER PROBLEM
PACIFIC JOURNAL OF MATHEMATICS V11 N1 1946
BY DULOCK V A
MCINTOSH H V
OAR ACCESS NO.....016140-005
DDC NUMBER.....AD680324
INSTR...AF-AFOSR-0471-66
PROJECT/TASK.....9767/01

AFOSR 68-2862
ROCHESTER UNIVERSITY OF
EXACT NEAR FIELD SCATTERING AMPLITUDE AND EVANESCENT WAVES
PHYSICS LETTERS V27A N1 PP26-27 20 MAY 1968
BY FREELY J H
OAR ACCESS NO.....004628-004
DDC NUMBER.....AD680564
INSTR...AF-AFOSR-1404-68
PROJECT/TASK.....9767/02

AFOSR 68-2863
MINNESOTA UNIVERSITY OF
THE CRYSTAL AND MOLECULAR STRUCTURE AND THE SOLUTION
CONFORMATION OF DIMETHYLBOLD /III/ HYDROXIDE AN INORGANIC
INTERMEDIATE RING COMPOUND
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N5 PP1131-1134 28
FEB 1968
BY GLASS G E
KONNERT J H
WILFS M G
BRITTON D
TOBIAS R S
OAR ACCESS NO.....016881-002
DDC NUMBER.....AD680553
INSTR...AF-AFOSR-2691-67
PROJECT/TASK.....9710/01

AFOSR 68-2864
MINNESOTA UNIVERSITY OF
THE HYDRATION NUMBER AND RATE OF WATER EXCHANGE OF THE
TRIMETHYLPLATINUM /IV/ ION IN AQUEOUS SOLUTION DETERMINED
BY OXYGEN-17 NUCLEAR MAGNETIC RESONANCE
JOURNAL AMERICAN CHEMICAL SOCIETY V89 PP6371-6372 1967
BY GLASS G E
TOBIAS R S
OAR ACCESS NO.....014981-003
DDC NUMBER.....AD680492
INSTR...AF-AFOSR-0691-67
PROJECT/TASK.....9710/01

AFOSR 68-2865
ILLINOIS UNIVERSITY OF
SPECTRAL RESPONSE OF THE GE GA PHOTOCONDUCTIVE DETECTOR
APPLIED OPTICS V7 N9 PP1859-1860 SEPTEMBER 1968
BY JEFFERS W G
JOHNSON C J
OAR ACCESS NO.....000194-003
DDC NUMBER.....AD680568
INSTR...AF-AFOSR-0272-67
PROJECT/TASK.....9767/02

AFOSR 68-2865
ILLINOIS UNIVERSITY OF
SPECTRAL RESPONSE OF THE GERMANIUM GALLIUM PHOTOCONDUCTIVE
DETECTOR
APPLIED OPTICS V7 N9 PP1859-1860 SEP 1968
BY JEFFERS W G
JOHNSON C J
OAR ACCESS NO.....016982-004
DDC NUMBER.....AD680568
INSTR...AF-AFOSR-1147-66
PROJECT/TASK.....9768/02

AFOSR 68-2866
MARYLAND UNIVERSITY OF
NOTE ON THE PRIMARY ENERGY SPECTRUM
CANADIAN JOURNAL OF PHYSICS /SUPPLEMENT/ V46 N10
PP569-571 1968
BY LA POINTE M
KANATA K
GAERLER J F
ESCORAR I V
DOMINGO V
OAR ACCESS NO.....021051-001
DDC NUMBER.....AD680325
INSTR...AF-AFOSR-1176-66
PROJECT/TASK.....9751/04

AFOSR 68-2867
GEORGIA UNIVERSITY OF
DETECTION AND IDENTIFICATION OF SHORT-LIVED FREE RADICALS
BY AN ELECTRON SPIN RESONANCE TRAPPING TECHNIQUE
JOURNAL AMERICAN CHEMICAL SOCIETY V90 PP5909-5910 1968
BY JANZEN E G
BLACKBURN B J
OAR ACCESS NO.....021690-003
DDC NUMBER.....AD680158
INSTR...AF-AFOSR-1069-66
PROJECT/TASK.....9762/03

AFOSR 68-2868
GEORGIA UNIVERSITY OF
THE REACTION OF NITRIC OXIDE WITH THIPHENYLMETHYLPEROXY
RADICAL
JOURNAL PHYSICAL CHEMISTRY V71 P-3108 1967
BY JANZEN E G
MEYER J L JR
AYERS C L
OAR ACCESS NO.....021690-004
DDC NUMBER.....AD680157
INSTR...AF-AFOSR-1069-66
PROJECT/TASK.....9762/03

AFOSR 68-2869
TEXAS UNIVERSITY OF
FLUORESCENCE AND PHOSPHORESCENCE OF SULFUR DIOXIDE VAPOR
THE JOURNAL CHEMICAL PHYSICS V49 N4 PP1784-1793 15 AUG
1968
BY METTEE W D
OAR ACCESS NO.....016291-004
DDC NUMBER.....AD680506
INSTR...AF-AFOSR-0778-67
PROJECT/TASK.....9760/02

AFOSR 68-2870
TEXAS UNIVERSITY OF
SOME ASPECTS OF ENERGY DEGRADATION OF EXCITED MOLECULES
VERHANDLUNGEN DER SCHWEIZERISCHEN NATURFORSCHENDEN
GESELLSCHAFT PP9-25 1966
BY NUYES W A JR
OAR ACCESS NO.....015291-003
DDC NUMBER.....AD680143
INSTR...AF-AFOSR-0778-67
PROJECT/TASK.....9760/02

AFOSR 68-2871
TEXAS UNIVERSITY OF
ELECTRONIC ENERGY RELAXATION IN TOLUENE VAPOR
THE JOURNAL CHEMICAL PHYSICS V49 N4 PP1705-1714
15 AUG 1968
BY GURTON C S
NUYES W A JR
OAR ACCESS NO.....015291-005
DDC NUMBER.....AD680507
INSTR...AF-AFOSR-0778-67
PROJECT/TASK.....9760/02

AFOSR 68-2873
GEORGIA UNIVERSITY OF
ELECTRON SPIN RESONANCE STUDY OF THE ELECTROLYSIS OF
TRIFLUORONITROSOMETHANE & TRIFLUORONITROMETHANE
JOURNAL AMERICAN CHEMICAL SOCIETY V90 N6 PP1652-1654 13
MAR 1968
BY GERLOCK J L
JANZEN E G
OAR ACCESS NO.....021099-009
DDC NUMBER.....AD680307
INSTR...AF-AFOSR-1069-66
PROJECT/TASK.....9762/03

AFOSR 68-2874
GEORGIA UNIVERSITY OF
ELECTRON SPIN RESONANCE OF PENTFLUOROCYCLOBUTANONE KETYL
LONG-RANGE FLUORINE COUPLING
JOURNAL PHYSICAL CHEMISTRY V72 N4 PP1832-1834 MAY 1968
BY GERLOCK J L
JANZEN F G
OAR ACCESS NO.....021099-006
DDC NUMBER.....AD680156
INSTR...AF-AFOSR-1069-66
PROJECT/TASK.....9762/03

AFOSR 68-2875
MINNESOTA UNIVERSITY OF
THE SOLVENT ISOTOPE EFFECT ON THE DISSOCIATION OF THE
AQUOPENTAAMMINECOBALT(III) ION
INORGANIC CHEMISTRY V7 N5 PP897-902 MAY 1968
BY SPLINTER R C
HARRIS S J
TOBIAS R S
OAR ACCESS NO.....014881-001
DDC NUMBER.....AD680148
INSTR...AF-AFOSR-0691-67
PROJECT/TASK.....9710/01

AFOSR 68-2876
TECHNISCHE HOCHSCHULE IN WIEN
HIGH ENERGY PHYSICS FINAL REPORT AUG 1968
BY THIRING W E
OAR ACCESS NO.....004823-001
DDC NUMBER.....AD680287
INSTR...AF-61/052/00959
PROJECT/TASK.....9751/01

AFOSR 68-2877
CALIFORNIA UNIVERSITY OF
PROGRAM OF SYSTEM RESEARCH FINAL REPORT DEC 1968
BY BERGEN A R
TURIN G L
OAR ACCESS NO.....013152-005
DDC NUMBER.....AD680048
INSTR...AF-AFOSR-0230-66
PROJECT/TASK.....9749/01

AFOSR 68-2881
MINNESOTA UNIVERSITY OF
POLYNUCLEAR HYDROXO COMPLEXES FINAL REPORT SEPT 1968
BY TOBIAS R S
OAR ACCESS NO.....014880-005
DDC NUMBER.....AD680027
INSTR...AF-AFOSR-0691-65
PROJECT/TASK.....9710/01

AFOSR 68-2882
NOTRE DAME UNIVERSITY OF
STRAIN ENERGY AND METASTABILITY OF 3-DIMENSIONAL
DISLOCATION ARRAY, FINAL REPORT AUG 1968
BY ALLEN C W
OAR ACCESS NO.....016370-001
DDC NUMBER.....AD680029
INSTR...AF-AFOSR-0809-65
PROJECT/TASK.....9763/01

AFOSR 68-2883
INTERNATIONAL BUSINESS MACHINES CORP
MAGNETIC PROPERTIES OF DIVALENT EUROPIUM COMPOUNDS FINAL
REPORT MARCH 1968
BY SMART J E
OAR ACCESS NO.....013270-008
DDC NUMBER.....AD680848
INSTR...AF-49/638/01230
PROJECT/TASK.....9763/02

AFOSR 68-2886
OHIO STATE UNIV RESEARCH FOUNDATION
RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF
ARBITRARY STRENGTH FINAL REPORT FEB 1968
BY KORRINGA J
SNUG C C
OAR ACCESS NO.....017030-005
DDC NUMBER.....AD680047
INSTR...AF-AFOSR-0869-65
PROJECT/TASK.....9761/01

AFOSR 68-2887
INTERNATIONAL BUSINESS MACHINES CORP
VAPOR-SOLVENT GROWTH OF SEMICONDUCTING CRYSTALS FINAL
REPORT MAY 1966
BY JONA F P
OAR ACCESS NO.....012540-017
DDC NUMBER.....AD680049
INSTR...AF-49/638/01201
PROJECT/TASK.....9762/02

AFOSR 68-2888
STANFORD UNIVERSITY
AN UNSERVER MOVING IN THE 3 DEGREES K RADIATION FIELD
NATURE V219 N5161 PP1343-1344 28 SEPTEMBER 1968
BY BHACEWELL R N
CUMKIN E K
OAR ACCESS NO.....000186-001
DDC NUMBER.....AD680134
INSTR...F44620-08-C-0028
PROJECT/TASK.....9767/ 0

AFOSR 68-2889
STANFORD UNIVERSITY
SIMULTANEOUS OBSERVATIONS OF A PULSATING RADIO SOURCE OVER
A 5.000 KM BASELINE
NATURE V219 N5160 PP1238-1239 21 SEPTEMBER 1968
BY CONKLIN E K
HOVARD M T
CRAFT
CONELLA J M
OAR ACCESS NO.....000143-006
DDC NUMBER.....AD680137
INSTR...AF-49/638/01375
PROJECT/TASK.....9767/02

AFOSR 68-2893
STANFORD UNIVERSITY
DETERMINATIONS OF STATE-VARIABLE EQUATIONS FOR ADMITTANCE
DESCRIPTIONS SUITABLE FOR THE COMPUTER
PROCEEDINGS OF THE IEEE V56 N8 PP1372-1373 AUGUST 1968
BY MILLER J A
NEWCOMB R W
OAR ACCESS NO.....011062-008
DDC NUMBER.....AD680585
INSTR...F44620-67-C-0001
PROJECT/TASK.....9749/01

AFOSR 68-2894
STANFORD UNIVERSITY
STATE-VARIABLE SYNTHESIS OF INTEGRATED-CIRCUIT DISTRIBUTED
RC TRANSFER FUNCTIONS
ELECTRONICS LETTERS V4 N15 28 JULY 1968
BY KOZEMCHAK E B
NEWCOMB R W
OAR ACCESS NO.....011062-009
DDC NUMBER.....AD680587
INSTR...F44620-67-C-0001
PROJECT/TASK.....9749/01

AFOSR 68-2895
MINNESOTA UNIVERSITY OF
TRANSIENT STABILITY OF AN A C GENERATOR BY LYAPUNOV'S
DIRECT METHOD
INTERN J CONTROL V8 N2 PP131-144 1968
BY SIDDIQUE M W
OAR ACCESS NO.....018727-001
DDC NUMBER.....AD680556
INSTR...AF-AFOSR-1502-63
PROJECT/TASK.....9749/01

AFOSR 68-2898
PENNSYLVANIA STATE UNIVERSITY
ATOMIC SILICON REACTION WITH TRIMETHYLSILANE
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N15 PP3933-3934 19
JULY 1967
BY SKELL P S
WREN P W
OAR ACCESS NO.....022300-001
DDC NUMBER.....AD680536
INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2899
PENNSYLVANIA STATE UNIVERSITY
TRIMETHYLENEMETHANE C/CH SUB 2 /SUB 3
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N12 PP3062-3064 7
JUNE 1967
BY SKELL P S
OAR ACCESS NO.....022300-002
DDC NUMBER.....AD680520
INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2900
PENNSYLVANIA STATE UNIVERSITY
REACTIONS OF CARBON VAPOR IV REACTIONS OF METASTABLE
CARBON ATOMS /SUPER 1 S/ WITH OLEFINS SUPER 1.2
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N12 PP2912-2915 7
JUNE 1968
BY SKELL P S
ENGEL R R
OAR ACCESS NO.....022300-003
DDC NUMBER.....AD680535
INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2904
PENNSYLVANIA STATE UNIVERSITY
2-OXO-1,3-ALKADIYL DIRADICALS DEHALOGENATION OF ALPHA-ALPHA
JOURNAL AMERICAN CHEMICAL SOCIETY V89 N12 PP6684-6687 30
AUG 1967
BY ODEER R G
SKELL P S
OAR ACCESS NO.....022300-004
DDC NUMBER.....AD680534
INSTR...AF-AFOSR-1245-67
PROJECT/TASK.....9762/01

AFOSR 68-2905
 PENNSYLVANIA STATE UNIVERSITY
 TRIMETHYLENEMETHANE SUPER I
 JOURNAL AMERICAN CHEMICAL SOCIETY V90 N18 PP4688-4692 30
 AUG 1968
 BY SKELL P S OAR ACCESS NO.....022300-006
 DOERR R G DDC NUMBER.....AD680533
 INSTR...AF-AFOSR-1245-67
 PROJECT/TASK.....9762/01

AFOSR 68-2906
 PENNSYLVANIA STATE UNIVERSITY
 THE 3,3-DIMETHYL-2-BUTYL CATION PINACOLYL CATION
 JOURNAL AMERICAN CHEMICAL SOCIETY V90 N13 PP3436-3438 19
 JUNE 1968
 BY SKELL P S OAR ACCESS NO.....022300-006
 REICHENBACHER P H DDC NUMBER.....AD680538
 INSTR...AF-AFOSR-1245-67
 PROJECT/TASK.....9762/01

AFOSR 68-2907
 PENNSYLVANIA STATE UNIVERSITY
 THE 3,3-DIMETHYL-1-BUTYL CATION
 JOURNAL AMERICAN CHEMICAL SOCIETY V90 N9 PP2309-2316 24
 APR 1968
 BY SKELL P S OAR ACCESS NO.....022300-007
 REICHENBACHER P H DDC NUMBER.....AD680537
 INSTR...AF-AFOSR-1245-67
 PROJECT/TASK.....9762/01

AFOSR 68-2908
 PENNSYLVANIA STATE UNIVERSITY
 RELATIVE RATE CONSTANTS FOR ANODIC OXIDATIONS OF POTASSIUM
 ALKANECARBOXYLATES
 JOURNAL AMERICAN CHEMICAL SOCIETY V90 PP1816-1817 1968
 BY REICHENBACHER P H OAR ACCESS NO.....022300-008
 LIU M Y DDC NUMBER.....AD680737
 SKELL P S INSTR...AF-AFOSR-1245-67
 PROJECT/TASK.....9762/01

AFOSR 68-2909
 PENNSYLVANIA STATE UNIVERSITY
 VALIDITY OF EVIDENCE ALLEGED TO DISTINGUISH BETWEEN
 TETRAHEDRAL AND BRIDGE RADICALS
 THE JOURNAL CHEMICAL PHYSICS V44 N3 PP1221-1222 1 FEB 1967
 BY NOYES R M OAR ACCESS NO.....022300-009
 APPLEQUIST D E DDC NUMBER.....AD680537
 BENSON S W INSTR...AF-AFOSR-1245-67
 GOLDEN D M PROJECT/TASK.....9762/01
 SKELL P S

AFOSR 68-2910
 PENNSYLVANIA STATE UNIVERSITY
 INTERMEDIATES IN ANODIC OXIDATION OF CARBOXYLATES
 CHRONOPOTENTIOMETRY
 JOURNAL AMERICAN CHEMICAL SOCIETY V90 N13 PP3432-3434
 19 JUNE 1968
 BY REICHENBACHER P H OAR ACCESS NO.....022300-010
 MORRIS M O DDC NUMBER.....AD680531
 SKELL P S INSTR...AF-AFOSR-1245-67
 PROJECT/TASK.....9762/01

AFOSR 68-2911
 UNIVERSITY OF ADELAIDE
 THE BUCKLAND PARK ANTENNA ARRAY
 THE AUSTRALIAN PHYSICIST V5 N7 PP95-98 JULY 1968
 BY RIGGS R M OAR ACCESS NO.....016962-001
 ELFORD G DDC NUMBER.....AD680551
 INSTR...AF-AFOSR-0864-67
 PROJECT/TASK.....9767/02

AFOSR 68-2912
 NORTH CAROLINA STATE UNIVERSITY
 THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK IN AN
 ELASTIC BODY IN WHICH THERE IS AN ASYMMETRICAL DISTRIBUTION
 OF BODY FORCES
 BY SNEDDON I N OAR ACCESS NO.....011593-004
 TUFED J DDC NUMBER.....AD680601
 INSTR...AF-AFOSR-0444-66
 PROJECT/TASK.....9749/01

KALLAN C G JR AFOSH 67-0776	CANNON A AFOSH 67-0273	CAVLESON A AFOSH 67-0886 AFOSH 67-0885 AFOSH 67-2275 AFOSH 67-0526 AFOSH 67-0802 AFOSH 67-0603 AFOSH 67-0605 AFOSH 67-2710	CARNEY W H AFOSH 67-0761
KALLAN E J AML 67-09517	CANN S L AML 67-06430 AML 67-10244 AML 67-11931		CARNEY W AFOSH 67-0931
KALLAN J R AML 67-0382V	CANNON J R AFOSH 67-2518	CADWAN C F AML 67-1227A AML 67-1228R	CARNEY J H AFOSH 67-1044 AFOSH 67-2503
KALLAWAY J AFOSH 67-0237 AFOSH 67-0674 AFOSH 67-1007 AFOSH 67-016R AML 67-1406R	CANNON R D AFOSH 67-2807	CANMILLI M AML 67-1051 AML 67-0224V AML 67-0228V	CASADAY K H AFOSH 67-0888 AFOSH 67-1446
KALLIN F AFOSH 67-1743	CANUT-AMIRIS M AFOSH 67-2461	CASH C F AFOSH 67-0065 AML 67-1443H	CASH G E AFOSH 67-0521
KALKE D M AFOSH 67-2572	CAP F AFOSH 67-0151 AFOSH 67-0416 AFOSH 67-0140 AFOSH 67-0236 AFOSH 67-1147 AFOSH 67-1321 AFOSH 67-1321	CASPI G AFOSH 67-020V	CASLIN J C AML 67-00017 AML 67-02097 AML 67-1006A
KAMMEL A R AFOSH 67-1148 AML 67-0716U AML 67-0716U	CAPALMI A AML 67-0315	CASPI G AFOSH 67-020V	CASS T W AML 67-0290
KAMERA A AFOSH 67-2770	CAPPELLI R AFOSH 67-275H	CASPI G AFOSH 67-020V	CASSEY C S AFOSH 67-1861 AFOSH 67-0220 AFOSH 67-0227
KAMERON R M AFOSH 67-2750 AFOSH 67-2767 AFOSH 67-252H	CAPPELLI R L AFOSH 67-0854 AFOSH 67-1770 AFOSH 67-1929 AFOSH 67-0771	CASPI A D AML 67-0338W	CASSOLA R L AFOSH 67-1201 AFOSH 67-1760 AFOSH 67-0909 AFOSH 67-1119 AFOSH 67-1725
KAMERON H S AFOSH 67-2147	CAPPELLI R J AFOSH 67-1333	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KAMICHEL M AFOSH 67-0504	CAPPELLI R J AFOSH 67-1333	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KAMP A S AFOSH 67-0077	CAPPELLI R J AFOSH 67-1333	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KAMPANATO S AFOSH 67-1713 AFOSH 67-0061 AFOSH 67-0573	CAPPELLI R J AFOSH 67-1333	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KAMPBELL A D AFOSH 67-2473	CARD F C AFAL 67-0004	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KAMPBELL D J AFOSH 67-2201	CARDWELL G L AFOSH 67-1797	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KAMPBELL J D AFOSH 67-1614	CARDWELL G L AFOSH 67-1797	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KAMPBELL J M AFOSH 67-1450	CARDWELL G L AFOSH 67-1797	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KAMPBELL M J AFOSH 67-0043 AFOSH 67-0044	CARDWELL G L AFOSH 67-1797	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KAMPBELL M S AML 67-00657 AML 67-1190K AML 67-1199L AML 67-1401A	CARDWELL G L AFOSH 67-1797	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KAMPOLATTANO A AFOSH 67-1505	CARDWELL G L AFOSH 67-1797	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KANDIA C AFOSH 67-1440	CARDWELL G L AFOSH 67-1797	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KANESSA-FISCHER M AFOSH 67-1117 AFOSH 67-1300	CARDWELL G L AFOSH 67-1797	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U
KANFIELD F M AFOSH 67-1285 AFOSH 67-1318 AFOSH 67-2110	CARDWELL G L AFOSH 67-1797	CASPI A D AML 67-0338W	CASPER J AML 67-1093H AML 67-1094B AML 67-1095D AML 67-1096H AML 67-0107U

AFOSH 08-0906 AFOSH 08-1712	AFOSH 07-1454	AFOSH 08-1015 AFOSH 08-1016 AFOSH 08-1037 AFOSH 08-1067	CHENHUTATLV V P AFOSH 07-2629 AFOSH 07-2663
CELLINI M AFOSH 07-1337 AFOSH 08-1000	CHAN F L AML 07-0080V AML 07-0087V AML 07-0096V ARL 07-0097V ARL 07-1243A ARL 08-0001V ARL 08-0178V ARL 08-1051A	CHAMBER H C AFOSH 07-1768 AFOSH 08-2410	CHECCACCI P F AFCHL 07-0357 AFCHL 08-0532
CENKNEH A A JH ARL 08-0109H ARL 08-1194H	CHAN S I AFOSH 07-089H	CHAPMAN R H AFOSH 08-0900	CHROIN A AFCHL 07-0321
CERCIGNANI C AFOSH 07-0137 AFOSH 07-013H AFOSH 07-0491 AFOSH 07-0692 AFOSH 07-1013 AFOSH 07-1014 AFOSH 07-1016 AFOSH 07-1416 AFOSH 07-2492 AFOSH 08-2315 AFOSH 08-2403	CHAN Y T AFOSH 07-0333	CHAPMAN M C AFCHL 08-0265	CHEN C C AFOSH 07-1132 AFOSH 07-1527
CERESUELA R AML 07-1184H	CHAND D AFOSH 08-2401 ARL 08-1223H	CHAPMAN S AFCHL 08-0645	CHEN C L AFCHL 08-0280
CERKANOWICZ A F AFOSH 04-1553	CHANDRA J AFOSH 08-1414 AFOSH 08-1452	CHAURENT J AFOSH 07-2417 AFOSH 08-0014	CHEN C T AFOSH 07-0340 AFOSH 08-1172 AFOSH 08-1182 AFOSH 08-2039 AFOSH 08-2085 AFOSH 08-2283 ARL 08-13290
CERVETTI L AFOSH 08-2087	CHANDRASEKHAR H S AFOSH 07-1770 AFOSH 07-1772 AFOSH 08-1557	CHARNOL R D AFOSH 07-0715	CHEN F F ARL 08-1441H
CESARI L AFOSH 08-1475 AFOSH 08-1702 AFOSH 08-1715 AFOSH 08-1731 AFOSH 08-1757 AFOSH 08-2007 AFOSH 08-2145 AFOSH 08-2146	CHANG D B AFOSH 07-0000 AFOSH 08-073H	CHARTER D ARL 08-1296H	CHEN H S AFCHL 07-0080
CESS R D ARL 07-0315U ARL 08-0151U ARL 08-0353H	CHANG D C AFCHL 07-075R AFCHL 07-1377 AFCHL 07-0806 AFCHL 07-0833	CHARTON T F AFCHL 07-0278 AFCHL 08-0130 AFCHL 08-0244	CHEN K M AFCHL 07-0424 AFCHL 07-0490 AFCHL 08-0345 AFCHL 08-0562 AFCHL 08-0583
CETORELLI J J AFOSH 04-0356	CHANG D T AFCHL 08-0360	CHASE C F AFOSH 07-2071 AFOSH 07-2330	CHEN M AFCHL 07-0322
CH EN S Y AFOSH 07-2286 AFOSH 08-0108	CHANG J C AFCHL 07-0223	CHASE D I ARL 08-0186H	CHEN S ARL 08-0043H
CHABNE M AFOSH 07-1774	CHANG K K K AFCHL 07-0547	CHASE F N AFCHL 08-0128 AFCHL 08-0129 AFCHL 08-0130 AFCHL 08-0131	CHEN S S AFOSH 07-1465
CHACE W G AFCHL 07-0356	CHANG L N AFOSH 08-0144	CHASTON S H M AFOSH 08-0331	CHEN S Y AFOSH 08-2105
CHAI S AFOSH 07-0175	CHANG S AFCHL 07-0111 AFCHL 08-0036	CHATTOPADHYAY B AFOSH 08-1827 AFOSH 08-1801 AFOSH 08-2109	CHEN W K AFOSH 08-2413
CHAI S Y AFOSH 07-2081	CHANG S J AFOSH 07-1176 AFOSH 08-0137 AFOSH 08-1273	CHATTOPADHYAY S C ARL 07-2066V	CHEN W Y AFOSH 07-1145
CHAI W A AFOSH 07-0123	CHANG V V H AFCHL 07-0263 AFCHL 07-0424 AFCHL 07-0623	CHAU A Y AFOSH 07-1177	CHEN Y N AFOSH 07-2047
CHAIKEN J M AFOSH 04-1170	CHANG Y L L AFOSH 07-1848 AFOSH 08-0755 AFOSH 08-1037	CHAUHARI V W AFOSH 08-0372 AFOSH 08-1784	CHEN Y S AFCHL 07-0325
CHALMERS B AFOSH 08-0304 AFOSH 08-2474	CHANG C C AFOSH 08-2116	CHAZHURE S D AFOSH 08-2010	CHEN-CHAD K AFCHL 08-0273 AFCHL 08-0284
CHAMPION K S B AFCHL 07-0141 AFCHL 07-0330 AFCHL 08-0064	CHANDONI M K JH AFOSH 07-0234 AFOSH 07-0274 AFOSH 07-1024 AFOSH 07-1209 AFOSH 07-1735 AFOSH 07-2166 AFOSH 07-2443 AFOSH 08-1644 AFOSH 08-1717 AFOSH 08-2210	CHAUVIN J AML 07-2043U ARL 07-0120U ARL 08-0110U	CHENETTE F H AFCHL 08-0185 AFCHL 08-0493
CHAMPION K L AFOSH 07-1174 AFOSH 07-1175	CHAI C C AFOSH 08-1197	CHAVEZ L AFOSH 08-2741	CHENEY E W AFOSH 07-0784 AFOSH 08-0951 AFOSH 08-1160 AFOSH 08-2015
CHAMPLIN K G AFOSH 07-1045		CHAZAR L M AFOSH 07-2153 AFOSH 08-0764	CHENG J K AFCHL 07-0310 AFCHL 07-0402 AFCHL 07-0449 AFCHL 07-0450
		CHILITAYEV D H AFOSH 07-2430	CHENG J T AFOSH 07-1901 AFOSH 08-0243

CHEN H B AFCHL 68-0715	CHRISTIAN J H AFOSH 68-0234	CLARK C AFOSC 67-1402 AFOSR 68-0173 AFOSH 68-0682 AFOSH 68-1276 AFOSH 68-2182	CLEVELAND F H AFCHL 67-0142
CHERN J C AFCHL 68-0328	CHRISTIANSEN J J AFOSH 67-0011 AFOSR 67-0014	CLARK C W AFOSH 68-1147	CLIGHT H AFOSH 68-2164
CHENMINGTIN G F ARL 67-0244 ARL 68-0033U ARL 68-0135U ARL 68-0167H	CHU H T AFOSR 68-0447	CLARK D M AFOSH 67-1289 AFOSR 68-2039	CLINE L J AFOSR 67-1697
CHESBROUGH G F AFCHL 67-0396	CHU J K AFOSH 67-0288 AFOSH 67-1263 AFOSR 67-2078 AFOSR 67-2082 AFOSR 68-1205	CLARK D H AFOSR 67-0678	CLINE R B AFOSH 68-1180
CHHATPAR C K AFOSR 68-0001	CHU C W AFOSH 67-2409 AFOSR 68-0161 AFOSR 68-0128 AFOSH 68-1806	CLARK G AFOSH 68-0185	CLIGSTON A M AFOSR 67-0156
CHIANG D AFOSR 67-1724 AFOSH 67-2460	CHU K AFOSR 68-0109	CLARK G D AFCHL 67-0056	CLUGG S AFOSH 67-0813 AFOSH 67-1041 AFOSR 67-1043
CHECKUS J AFOSH 67-2416 AFOSH 68-2496	CHU S C AFOSH 67-1471	CLARK H E ARL 67-0198U	CLUGHERTY E V AFCHL 67-0200 AFCHL 68-0109
CHEN K V AFOSH 68-0144 AFOSH 68-1170 AFOSH 68-1549	CHU T AFOSH 67-0129	CLARK J A ARL 67-0287W ARL 67-0288W	COATES C L AFOSR 67-0862 AFOSH 67-1764 AFOSR 67-2342 AFOSR 68-0581 AFOSH 68-0890 AFOSH 68-1607 AFOSH 68-1920 AFOSR 68-2042
CHILDERS J G AFOSH 67-0464	CHU-SHIM C AFCHL 68-0292	CLARK J E AFCHL 68-0225	COBB C M AFCHL 67-0196 AFCHL 67-0635
CHILDRESS S AFOSH 67-0124 AFOSH 67-0476	CHUA H I AFOSR 67-1846	CLARK R AFOSR 68-0801	COCK J C AFOSR 67-1853
CHIMONAS G AFOSR 68-1120	CHUANG P C AFOSH 67-0113	CLARKCOATS P J B AFCHL 67-0441	COBURN T AFOSR 67-1992 AFOSR 68-0284
CHINNEY M A AFOSR 67-2092	CHUNG H L AFOSH 67-1574	CLARK H J AFOSH 68-0175	COBURN T H AFOSH 67-1465
CHISHOLM A J AFCHL 67-0657	CHUI G AFOSR 67-2047	CLARK W AFCHL 67-0273 AFCHL 68-0004	COCHRAN D AFOSH 67-1023
CHISHOLM R AFOSR 67-2285	CHUNG K L AFOSH 67-0153	CLARKSON D W ARL 68-0006	COCHUN H L AFCHL 67-0055 AFCHL 67-0210 AFCHL 67-0685
CHIU C H AFOSR 67-1245 AFOSH 68-1314	CHUNG T AFOSH 67-0403 AFOSR 68-2049	CLAY J T ARL 67-0185T	CODDINGTON E A AFOSR 67-2302
CHOCK J P AFOSR 68-2550	CHUNG D H AFOSH 67-0294 AFOSH 67-1457 AFOSH 67-1777 AFOSH 68-0308	CLAYTON D D AFOSH 67-1025 AFOSR 67-2499 AFOSH 67-2521 AFOSH 67-2579 AFOSR 68-0728 AFOSH 68-2748 AFOSH 68-2772	COFFEY H E AFCHL 68-0435
CHOU Y S AFOSR 67-1447	CIANCIO S N AFOSH 68-1572	CLEAHY J D AFCHL 67-0026	COFFIN J H JR ARL 67-0241U
CHOU Y T AFOSH 67-2655	CIMINO M AFCHL 67-0326	CLEH J H AFOSH 67-0162 AFOSH 67-0701	COFFMAN H C AFOSR 67-0052
CHUDHURY S D AFOSR 68-0271 AFOSR 68-0278 AFOSH 68-0306 AFOSH 68-1502 AFOSH 68-2279	CIPULLA J W JR AFOSH 68-0423	CLEMENT M H AFOSR 68-2804	COGLEY A C AFOSR 68-1309
CHOW C F AFCHL 68-0206	CIUFFARIN F AFOSH 67-0730 AFOSR 67-0731	CLEMENTA C D AFOSH 68-1341	COGLEY D H AFCHL 68-0560
CHOW P C AFOSH 67-2770	CLAASSEN H H AFOSH 68-1628	CLEMENTE H E AFCHL 67-0426 AFCHL 67-0439	COMEN A AFOSH 67-0196 ARL 67-0036W
CHOWN J H AFCHL 67-0208 AFCHL 68-0155 AFCHL 68-0155	CLARKSON T ARL 67-1732	CLEMM J S ARL 67-1272F ARL 68-02710 ARL 68-1275A ARL 68-1472A	COMEN E ARL 67-1185N
CHRISTENSEN D ARL 68-1447H	CLARK H G AFOSH 67-2410 AFOSH 68-1025 AFOSH 68-2008		COMEN F A AFOSH 68-2808

COHEN I W AFOSH 68-2722	CULCHMAN P D AFOSH 67-0899 AFOSH 67-0897 AFOSH 67-2528 AFOSH 68-0865 AFOSH 68-2855	CONNINAKIS B AFOSH 67-2138	CONNSEY D J S AFOSH 68-2721
COHEN J AFCL 68-0122 AFCL 68-0302 ARL 68-1089H		CONNYON V B AFOSH 67-0186 AFOSH 67-0810	CONNES E A AFCL 67-0189 AFCL 67-0869
COHEN J H AFOSH 67-2796 AFOSH 68-2220	COLEMAN P J AFOSH 67-2748	CONSTOCK G M AFOSH 67-1081	COON J W AFOSH 67-0019 AFOSH 67-0016 AFOSH 68-1862
COHEN L AFOSH 67-2312	COLEMAN S AFOSH 67-1380 AFOSH 67-1381 AFOSH 68-2528	CONANT H C AFOSH 68-0727 AFOSH 68-2801	COOPER D C AFOSH 67-0283
COHEN M H AFOSH 67-1447 AFOSH 67-2509 AFOSH 67-2610 AFOSH 68-0111 AFOSH 68-1025 AFOSH 68-1044 AFOSH 68-1089 AFOSH 68-1925 AFOSH 68-2008	COLIMAND S AFOSH 67-2501	CONDON T P AFCL 68-0438	COOPER G S AFCL 68-0056
COHEN R ARL 67-1219A	COLES L S AFOSH 67-1758	CUNIGLIO A AFOSH 67-0597	COOPER L M AFOSH 67-1197 AFOSH 67-2214 AFOSH 67-2724 AFOSH 67-2729
COHEN S I AFOSH 67-0810 AFOSH 67-1246	CULLIN R E AFCL 67-0606	CONKLIN C K AFOSH 67-1710 AFOSH 68-2720 AFOSH 68-2888 AFOSH 68-2889	COOPER R E AFOSH 67-0390
COHEN Z AFCL 68-0236	COLLINGS A F AFOSH 67-2750 AFOSH 67-2772	CONLEY T AFCL 69-0166	COPFLAND A H ARL 67-0283U ARL 68-0286H
COHN M AFCL 68-0033 AFCL 68-0249	COLLINS B F AFOSH 68-1910	CONNOLLY J W ARL 67-1122A ARL 68-1075A	COPFLAND B K W AFOSH 67-1786
COLE A E AFCL 67-0120	COLLINS D G AFCL 68-0124 AFCL 68-0310 AFCL 68-0479 AFCL 68-0480	CONRAD D AFOSH 67-1809 AFOSH 67-1813 AFOSH 67-1822	COPLEY C AFOSH 67-1129 AFOSH 67-2575 AFOSH 68-0162 AFOSH 68-1767
COLE J AFOSH 67-0076 AFOSH 67-2324 AFOSH 67-2140 AFOSH 68-0142	COLLINS F AFOSH 68-2167	CONSIDINE D P AFCL 67-0436	COPSEY M J AFCL 67-0092
COLE P H AFCL 67-0253 AFCL 67-0254 AFCL 67-0660 AFCL 67-0663	COLLINS G W ARL 67-1179H	CONSIGNINI A AFCL 67-0357 AFCL 68-0532	CORAZZA W AFOSH 68-2789 AFOSH 68-2790
COLE R K JH AFOSH 67-1667 AFOSH 67-2826	COLLINS T C ARL 67-0041V ARL 67-0146V ARL 67-1080A ARL 67-1082A ARL 67-1084A ARL 67-1287A ARL 67-1289A ARL 67-1317L ARL 68-00071 ARL 68-0229V ARL 68-0307V ARL 68-0403V ARL 68-0304V ARL 68-1097H ARL 68-1349L ARL 68-1362A ARL 68-1429L ARL 68-1456L ARL 68-1481A ARL 68-1482A ARL 68-1486A	CONSTANTIN A AFCL 68-0237	CORRETT J W ARL 68-14060
COLE R S AFOSH 68-1828	COLLMEYER A J AFOSH 68-2031	CONTI P S AFOSH 67-0034 AFOSH 67-0396 AFOSH 67-0624 AFOSH 67-1332 AFOSH 68-0096	CORIN J C JR ARL 68-1141C
COLE W J AFOSH 68-0513	COLQUITT L JR AFOSH 68-0560	CUNTIPOULOS G AFOSH 68-2258	CORRADO J T JR AFOSH 68-1659
COLEMAN D D AFOSH 67-0045 AFOSH 67-0869 AFOSH 67-1006 AFOSH 67-2158 AFOSH 67-2163 AFOSH 67-2297 AFOSH 67-2429 AFOSH 67-2676 AFOSH 68-0499 AFOSH 68-1103 AFOSH 68-1015 AFOSH 68-1661 AFOSH 68-1753 AFOSH 68-1868 AFOSH 68-2136 AFOSH 68-2595 AFOSH 68-2644 AFOSH 68-2667	COLVIN T H AFCL 67-0149 AFCL 68-0320	CONWAY P U AFOSH 67-1323	CORDES M O AFOSH 67-1712 AFOSH 67-1738 AFOSH 68-1504
COLEMAN I AFCL 68-0059	CUMMIS L S AFCL 68-0140	CUNK D J AFOSH 68-2140 AFOSH 68-2141	CONWELL W AFCL 67-0571
COLEMAN J W AFOSH 67-0740 AFOSH 67-1054	COMELIA J AFOSH 67-2778	CUK G ARL 67-0005 ARL 68-0003 ARL 68-0017	CORENZWIT E AFOSH 67-1610
	COMELLA J W AFOSH 68-2869	CUK H L AFOSH 67-0794 AFOSH 68-1138 AFOSH 68-2650	CORLETT F AFOSH 67-0504 AFOSH 67-1481 AFOSH 67-1855 AFOSH 67-1856 AFOSH 68-0863
		CUK S W AFOSH 67-0073 AFOSH 67-1394 AFOSH 67-1403 AFOSH 68-0755 AFOSH 68-0488	CORNELIS U G AFOSH 68-2703
		COUKE M AFOSH 67-2290	CORNIGAN D AFOSH 67-1746 AFOSH 68-0725
		CUK T P S AFOSH 68-1004	CURFISH C AFOSH 67-2788 AFOSH 67-2786

CORTI E AFCL 67-0187	CRAWFORD M G AFCL 67-0297	CHUIZIEW H C AFOSR 68-0942	CUNDY C S AFOSR 68-2141
COSBLETT S M AFOSR 68-1331	CRAFT AFOSR 68-2584	CHUMIN J C AFOSR 67-0020 AFOSR 68-1004 AFOSR 68-2750	CUNNINGHAM J A ARL 68-14316
COSTON C AFOSR 67-0056	CHAIG D P AFCL 67-0555	CHUMIN J F AFCL 67-0078 AFCL 67-0603 AFCL 68-0572	CUNNINGHAM M AFCL 67-0848 AFCL 67-0847
COTHERN C R ARL 67-1041A ARL 67-1042A ARL 67-1043A ARL 68-0312V ARL 68-0313V ARL 68-1198L ARL 68-1203A ARL 68-1211A ARL 68-1343A ARL 68-1345A	CHWIG J W AFOSR 67-0426	CROSBY G A AFOSR 67-1815 AFOSR 67-2632 AFOSR 68-0213 AFOSR 68-0927 AFOSR 68-1576 AFOSR 68-1708	CUPANI J J AFCL 68-0373
COTHERN C A R ARL 67-0233V	CRAIG R A AFCL 67-0387 AFCL 67-0389	CROSS E J JR ARL 67-0106V ARL 68-0027T ARL 68-1106A	CURRICK P A AFOSR 67-0650
COTTERILL R M J AFOSR 68-1463	CHRAIGHILL E AFOSR 68-2642	CROSS R J AFOSR 67-0203 AFOSR 67-0993 AFOSR 68-1911	CURTIS D W AFOSR 68-1439
COURT A AFCL 67-0313	CHAMER K R ARL 67-0003T ARL 67-0078V ARL 67-0216T ARL 67-1277C ARL 67-1340C ARL 68-0162V ARL 68-1003L ARL 68-1215A ARL 68-1233L ARL 68-1334C	CHROSS K AFOSR 67-1008	CURTIS E C AFOSR 67-0641 AFOSR 68-0155
COURTNEY T M AFOSR 67-0650	CRANE L AFOSR 67-1023	CHROSSWHITE M AFOSR 68-2247 AFOSR 68-2651	CURTIS O L JR AFCL 68-0368
COURTNEY W E AFCL 67-0660	CHAVEN W E ARL 68-1148A ARL 68-1381A	CHROSSWHITE M M AFOSR 68-2114 AFOSR 68-2247 AFOSR 68-2651	CURTISS J H AFOSR 68-2406
COURTNEY W G AFOSR 67-0933	CRAWFORD D W AFOSR 67-2502	CHOW W S ARL 68-1176A	CURTIS C H AFOSR 68-0195
COURY L AFCL 67-0465 AFCL 68-0046	CRAWFORD E T AFOSR 68-0579 AFOSR 68-0953	CHOW W S ARL 68-1176A	CUSSLER F L AFOSR 68-0216 AFOSR 68-0328 AFOSR 68-1075 AFOSR 68-1670
COUTANT R W ARL 67-0221U	CRAWFORD G F AFOSR 67-2191 AFOSR 68-1282	CHOW W S ARL 68-1176A	CUTBERT J O AFCL 67-0068 AFCL 67-0293 AFCL 68-0250
COVERT E E AFCL 67-0190 ARL 67-0261U ARL 67-0283U ARL 68-0286W ARL 68-0289W	CRAWFORD J A ARL 67-1177A	CHOW W S ARL 68-1176A	CUTLER L S AFOSR 67-2819
COVIAN M R AFOSR 68-0394 AFOSR 68-0415 AFOSR 68-0416	CHAWFORD M C AFOSR 68-0664	CHOW W S ARL 68-1176A	CUTLER P H AFOSR 67-1719 AFOSR 68-0402 AFOSR 68-0403
COWAN R S AFOSR 68-1345	CHREVELING L AFOSR 67-1675 AFOSR 68-0562	CHOW W S ARL 68-1176A	CUTLER W F AFOSR 68-2319
COWLEY A H AFOSR 68-2300	CRIMANALE W O JR AFOSR 68-0627	CHOW W S ARL 68-1176A	CWACH E E AFOSR 68-0516
COX E E AFCL 67-0182	CRIMANALE W O JR AFOSR 68-0627	CHOW W S ARL 68-1176A	CZAJKOWSKI M AFOSR 67-2601
COX E G AFCL 68-0176	CRIMANALE W O JR AFOSR 68-0627	CHOW W S ARL 68-1176A	CZEPYMA C G R AFCL 67-0582 AFCL 67-0634 AFCL 67-0672
COX J R JR AFOSR 67-1623	CRISTIANSEN J J AFOSR 68-1950	CHOW W S ARL 68-1176A	CZORBITA S AFCL 67-0317
COX M D ARL 68-1283N	CROCKER G J ARL 67-1242A	CHOW W S ARL 68-1176A	CZYK S J AFOSR 68-2561 ARL 67-0014T ARL 67-0063V ARL 67-1324R ARL 68-0026T ARL 68-0157V ARL 68-0200V ARL 68-0269V ARL 68-0294V
CRABBE J S AFCL 68-0307	CRIFT L W ARL 67-1284A ARL 68-0233V ARL 68-0299V ARL 68-0300V ARL 68-1479A	CHOW W S ARL 68-1176A	
CRABBE D AFOSR 68-2211		CHOW W S ARL 68-1176A	
CRADDOCK W L AFOSR 67-1095		CHOW W S ARL 68-1176A	

D ALELIO G F AFML 67-0054	DANARD M M AFCL 68-0541	DAUM F L ARL 67-106PA ARL 67-1214C ARL 67-1222A ARL 67-1336A ARL 68-0077V ARL 68-1048A ARL 68-1346C ARL 68-1347C	DAVIS L E AFCL 67-0684
D AUMIA B AFNSR 68-1242	DANHEW F ARL 63-1202A ARL 68-1214A		DAVIS M ARL 67-0023 ARL 67-0026
D MAENCUS I J AFCL 67-0189	DANBY J M A AFOSR 67-166P	DAUNT J G AFUSH 67-1010	DAVIS R H AFOSR 67-0606 AFOSR 67-2181 AFOSR 68-0850 AFOSR 68-0887 AFOSR 68-0904 AFOSR 68-1282
DA-RIVA I AFOSR 67-009A AFOSR 67-0649 AFOSR 68-0066	DANIELS G W AFCL 67-0374	DAUMIA B AFOSR 68-0566	DAVIS S J AFCL 68-0332
DANCOVICH M R AFCL 64-0619	DANIELSEN F F AFCL 67-0617	DAVIDSON A F AFUSH 67-1008	DAVISON W D AFCL 68-0536
DACHNICK W W ARL 68-1415A	DANLEIF C ARL 68-0311V	DAVIDSON A M JR AFCL 67-0372 AFCL 67-0670 AFCL 68-0243 AFCL 68-0556	DAWSON O M AFOSR 67-0946 AFOSR 67-0887 AFOSR 68-1946
DAGONNIER R AFOSR 67-0056 AFOSR 68-2723	DANNHAUSEF W AFUSH 68-2243 AFUSH 68-2267	DAVIDSON D AFCL 67-0157	DAWSON J M AFOSR 67-1506
DAHL E AFOSR 67-0531 AFOSR 68-1048	DANZIGER E J AFOSR 67-0386 AFOSR 67-0593 AFOSR 67-0628 AFOSR 67-1055 AFOSR 67-2024 AFOSR 67-2200 AFOSR 67-2673	DAVIDSON F AFCL 68-0026 AFCL 68-0094 AFCL 68-0515 AFOSR 68-2773	DAY C R AFOSR 68-1080
DAHL L F AFOSR 67-0723 AFOSR 67-0724 AFOSR 67-0725 AFOSR 67-0726 AFOSR 67-0727 AFOSR 67-0740 AFOSR 67-0741 AFOSR 67-1059 AFOSR 67-1714 AFOSR 67-2172 AFOSR 67-2191 AFOSR 67-2210 AFOSR 68-2431 AFOSR 68-2461 AFOSR 68-2735 AFOSR 68-2843	DARDY R D AFOSR 67-1994	DAVIDSON G AFCL 67-0277	DAY G W AFOSR 68-2070
	DARFVICH G AFUSH 68-2488	DAVIDSON J P ARL 68-1391N	DAY M G AFOSR 68-2721
DAMSTROM A AFOSR 67-0948 AFOSR 67-0869	DARGAN C L AFCL 67-1012 AFCL 68-0017 AFCL 68-0935	DAVIDSON M S AFUSH 67-1419 AFUSH 67-2104	DAY R C AFOSR 68-0317
DAIRER J W ARL 67-0079U ARL 67-0134U ARL 67-0203W ARL 67-1199P ARL 67-1224J ARL 67-1231N	DARGAN C L W AFCL 67-0033	DAVIES J AFOSR 67-1356 AFOSR 67-1359 AFOSR 67-1360 AFOSR 67-2145	DAY V M AFOSR 67-0534
DAILEY C L AFOSR 68-0370 AFOSR 68-0586	DARLEY D L AFCL 67-0780 AFCL 67-0458	DAVIES G J ARL 68-1164N	DE ALFARO V AFOSR 68-0564 AFOSR 68-0566
DALE B W AFUSH 68-0012	DARLING T P AFOSR 68-0677	DAVIES K W AFOSR 68-0212	DE ALWIS S P AFOSR 67-1630
DALGARNO A AFCL 68-0428	DARMS D AFOSR 67-1434	DAVINE V AFOSR 67-1445	DE ARCAHAGA J A AFOSR 68-1074
DALTON J C AFOSR 67-2145 AFOSR 68-1727	DARWAGH K V AFOSR 67-0201 AFOSR 67-1295 AFOSR 68-0322 AFOSR 68-2524	DAVIS C A AFOSR 68-1042	DE HARRY A M AFOSR 67-2570
DALTON L L AFCL 68-0294	DAS H M AFCL 67-0271 AFCL 67-0524 AFCL 68-0344	DAVIS D N AFOSR 68-1156 AFOSR 68-1671	DE HARRY C AFCL 67-0227
DAMON D H AFOSR 67-1653	DAS M W AFOSR 68-0308	DAVIS D W AFOSR 67-1232	DE HARRY J F AFOSR 67-0261
DAMON R W AFCL 67-0111	DAS T D AFOSR 67-0427	DAVIS F AFOSR 67-0421 AFOSR 68-1170	DE GALAN L AFOSR 67-1034 AFOSR 67-1301 AFOSR 67-2514 AFOSR 68-0754
DAMRAUER W AFOSR 67-0441 AFOSR 68-1444 AFOSR 68-2805	DASH J G AFOSR 67-0464	DAVIS H H ARL 68-1154N	DE GARDI A P AFOSR 67-1105
DAMSKY H L ARL 68-0047U	DAUGHMAN L AFOSR 68-1165 AFOSR 68-1166 AFOSR 68-2237 AFOSR 68-2673	DAVIS H T AFOSR 68-1439	DE JAEGER L S ARL 67-0155W
	DAUGHTERY J D AFOSR 68-0149 AFOSR 68-1412 AFOSR 68-2527	DAVIS J AFOSR 68-1747	DE JULIO S AFOSR 68-0476
		DAVIS J M AFOSR 67-0352 AFOSR 68-0911	DE KLEIN J AFCL 67-0016 AFCL 67-0017 AFCL 67-0019 AFCL 67-0079 AFCL 67-0610 AFCL 67-0627 AFCL 67-0628

DE MARTINEZ M P S
AFOSH 67-2116

DE MOLINA A F
AFOSH 67-1331

DE NAKANJO T
AFOSH 67-0883

DE RUSSO P M
AFOSH 67-1339

DE SANTIS P
AFOSH 67-0291

DE TAR D F
AFOSH 67-0812
AFOSH 67-0530
AFOSH 67-0539

DE VISINTINI G
AFCHL 68-0327

DE WETTE P W
AFOSH 68-0167
AFOSH 68-1863

DE WILDE C
AFOSH 68-1203

DEAK A L
AFOSH 67-1899

DEAN A P
AFOSH 67-0629
AFOSH 67-0823

DEAN H W
AFOSH 67-2701

DEAN P P
AFOSH 67-0832

DELOIS R W
AFCHL 67-0107
AFCHL 68-0814

DEBYE P
AFOSH 67-2182

DECAIRE J A
AML 67-1071A
ARL 67-1077A
ARL 67-1078A
ARL 67-1079A
ARL 68-1148A
ARL 68-1342K
ARL 68-1399L

DECK H J
AFCHL 68-0583

DECKER D L
AFOSH 68-0055

DECKER J A
AFOSH 67-1785

DECKER J A JR
AFOSH 67-0139
AFOSH 68-0741
AFOSH 68-2814

DECKERS J W
AFOSH 67-0665
AFOSH 67-0671
AFOSH 67-1747
AFOSH 68-1577

DECLANIS N
AFAL 67-0185

DEODIS O H
AML 67-0004
ARL 67-0017

DEODONCIS C
AFOSH 68-1741

DELECY J
AML 68-0272W

DEFAIO M
AFOSH 67-0892
AFOSH 68-0388

DEFAIO W H
AFOSH 67-0274

DEFIGUE (HARD) O G
AFOSH 68-2785

DEFOWE P J
AFCHL 67-0202

DEGGOT J S
AFOSH 68-2399

DEL NOTARIO D P
AFOSH 68-1163
AFOSH 68-1165

DELAOUR J
AFOSH 67-0113
AFOSH 67-2114

DELANATE J
AFOSH 68-2148

DELANEY R M
AML 67-0193V
ARL 68-0324V

DELMILLE L
AFCHL 67-0478
AFCHL 67-0480
AFCHL 67-0587

DELOUVILLE LUC
AFCHL 67-0095

DELCHOIX J L
AFCHL 68-0217

DELIJASIS N
AFOSH 68-0007

DELIHASIS N D
AFOSH 67-2762

DELIS J D
AFOSH 67-0133
AFOSH 67-0114
AFOSH 67-1007
AFOSH 68-0144
AFOSH 68-0145

DELL P C
AFOSH 68-0040

DELORENZO J D
AFOSH 67-1961

DELOREY D C
AFCHL 68-0429

DELOREY F
AFOSH 67-0476
AFOSH 67-0511
AFOSH 67-2543

DELMICO J
AFCHL 67-0543

DELUCA F
AFOSH 67-0402

DELUIS J J
AFCHL 67-0167
AFCHL 67-0387
AFCHL 67-0388

DE MADIA G
AFCHL 67-2335

DE MARS G A
AFCHL 67-0084
AFCHL 68-0234

DEMAS J N
AFOSH 68-1708

DEMASTUS M L
AFCHL 67-0346
AFCHL 68-0316

DEMENT W H
ARL 67-1195A

DEMEYER L J
AFOSH 68-1774
ARL 67-1301R
ARL 67-1302H

DEMETRIADES S F
AFOSH 67-0994

DEMETRIUS L A
AFOSH 67-0412

DENAVIT M
AFOSH 67-0101

DENECKER S J
AFOSH 67-0867

DEHN N
AFOSH 68-2413

DELLUM L P
AFOSH 68-2847

DEHFLER H
AML 68-0333W
ARL 68-0336W
ARL 68-0337W
ARL 68-0338W
ARL 68-0347W
ARL 68-1012B
ARL 68-1063B
ARL 68-1839B

DEHAM C J
AFCHL 68-0235

DEHRYNENY J H
AFOSH 68-1057
AFOSH 68-1800

DEHTOUZIS
AFOSH 67-2680

DEHTOUZOS H
AFOSH 67-1133

DE SANTO D F
AFOSH 67-2246

DESEN S
AFOSH 67-1473
AFOSH 67-2503
AFOSH 67-2524
AFOSH 68-0112
AFOSH 68-0715
AFOSH 68-1011
AFOSH 68-1037
AFOSH 68-1638
AFOSH 68-2135
AFOSH 68-2529
AFOSH 68-2745
AFOSH 68-2746

DESHMUKH A
AFCHL 67-0675
AFOSH 68-1673

DESHMUKH A W
AFCHL 68-0406

DESHMUKH N V
AFOSH 68-1578
AFOSH 68-1581
AFOSH 68-1586
AFOSH 68-1611
AFOSH 68-1744

DESOEN C A
AFOSH 67-0340
AFOSH 68-1172
AFOSH 68-1182
AFOSH 68-2283
AFOSH 68-2573

DESHCHERS H
AFCHL 68-0894

DESSLER A J
AFCHL 67-0267

DETAH O F
AFOSH 67-0537
AFOSH 67-0538
AFOSH 67-1037
AFOSH 67-1078

DETHLEFSEN R
AML 68-0112U
ARL 68-1022H

DETWILER D P
ARL 68-0237W

DEUEL D R
AFOSH 68-2016

DEUTCHMAN P A
AFOSH 68-2533

DEUTER J
AFOSH 67-1225

DEUTSCH A J
AFOSH 67-0034

DEUTSCH L P
AFCHL 67-0458

DEVANL G
ARL 68-0048T

DEVANE J F
AFCHL 67-0447
AFCHL 68-0018
AFCHL 68-0589

DEVINE J L JR
AFOSH 67-2137

DEVIR A D
AFOSH 68-2119

DEVISINTINE G
AFCHL 67-0492

DEVOS J
AFOSH 67-2570

DEWAN E M
AFCHL 67-0453

DEWAR M J S
AFOSH 67-0241
AFOSH 67-0242
AFOSH 67-0243
AFOSH 67-1417
AFOSH 67-1733
AFOSH 67-2227
AFOSH 68-0217
AFOSH 68-1586
AFOSH 68-1589
AFOSH 68-1590
AFOSH 68-1591
AFOSH 68-1593
AFOSH 68-1596
AFOSH 68-1944
AFOSH 68-1968
AFOSH 68-2110
AFOSH 68-2300

DEBET W AFOSH 64-0183 AFOSH 68-1876	DEBENS A AFOSH 68-0671	DEBEN S AFCHL 67-0878	DENNELLY W J AFOSH 67-3019 AFOSH 67-0324 AFOSH 67-0347 AFOSH 67-1018 AFOSH 67-2369 AFOSH 68-2280
DEBET H S AFOSH 64-0642 AFOSH 64-0880	DEBENS G J AFOSH 67-0972 AFOSH 67-0473 AFOSH 67-0176	DEBEN H AFOSH 68-0472 AFOSH 68-1010	DENHOE J AFCHL 68-0578 AFCHL 68-0579 AFCHL 68-0801
DEBET J S AML 67-0081V AML 67-1080A AML 67-1082A AML 67-1084A AML 67-1284A AML 64-0007T AML 64-0302V AML 64-0303V AML 60-1492A	DEBEN K AFCHL 68-0810	DEBEN C G AFOSH 68-0497	DENHOE T AFOSH 68-1306
DEBET O AML 67-1113W	DEBEN L E AFOSH 64-0802 AFOSH 64-0805 AFOSH 64-1451	DEBEN N H AFOSH 67-0817	DEOD RICHARD A AFOSH 68-1830
DEBET O L AFOSH 67-1448 AFOSH 67-2775 AFOSH 68-0541 AFOSH 68-0801	DEBEN O AFOSH 67-2307	DEBEN T C AML 68-0179U	DODLEY G J III AML 68-1217A
DEBET H H AML 68-0247W	DEBEN C H AFOSH 67-2644	DEBEN H G AFOSH 68-2404 AFOSH 68-2405	DOOLEY J W AFOSH 68-0010 AFOSH 68-0081
DEYOUNG D S AFOSH 67-1045 AFOSH 67-2634 AFOSH 68-1060	DEBEN J G AFOSH 64-1905 AFOSH 64-1910	DEBEN K K AFCHL 67-0582 AFCHL 67-2634 AFCHL 67-0872	DOMAIN P R AML 67-1285A
DEYOUNG C L AFOSH 68-0710	DILLON M A AFOSH 68-2404	DEBEN J G AFOSH 67-0207	DOMATO P AFOSH 67-1517 AFOSH 68-1966
DEHANU M S AFOSH 68-0750	DILLON J W JR AFOSH 67-0655 AFOSH 67-1440 AFOSH 67-2447 AFOSH 68-0647	DEBEN K A AFOSH 68-0205	DONKEY W D AFOSH 67-1846
DI FORTINO A F AFOSH 64-2773	DILWORTH C AFCHL 68-0173	DOLAN J AFCHL 67-0108	DODLEY K AFOSH 68-2121
DI LEVA A AFOSH 68-1214	DIMMOCK T H AML 67-0000U	DOLAN J AFCHL 67-0108	DODLEY A A AFOSH 67-0224 AFOSH 67-0265 AFOSH 67-0380 AFOSH 67-0761 AFOSH 67-0762 AFOSH 67-0763 AFOSH 67-0764 AFOSH 67-0767 AFOSH 67-0817 AFOSH 67-0818 AFOSH 67-0821 AFOSH 67-0824 AFOSH 67-0851 AFOSH 67-1115 AFOSH 67-1570 AFOSH 67-1585 AFOSH 67-1766 AFOSH 67-1893 AFOSH 67-2435 AFOSH 67-2447 AFOSH 68-0212 AFOSH 68-0478 AFOSH 68-1613 AFOSH 68-1715 AFOSH 68-1815 AFOSH 68-2041 AML 67-0062U
DI LELLO V AFOSH 67-0268	DIMMOCK M G AFOSH 68-2074	DOLAN J AFCHL 67-0108	DODLEY A A AFOSH 67-1144
DIAMOND H G AFOSH 64-2228 AFOSH 68-2453	DIMMOCK M G AFOSH 67-2354	DOLAN J AFCHL 67-0108	DODLEY A A AFOSH 67-1144
DIAMOND J J AFOSH 67-0564	DIMMOCK M A AFCHL 67-0104 AFCHL 67-0445	DOLAN J AFCHL 67-0108	DODLEY A A AFOSH 67-1144
DIAMOND S AFOSH 67-2774	DIMMOCK AML AML 67-0136T	DOLAN J AFCHL 67-0108	DODLEY A A AFOSH 67-1144
DIETZ J J AFOSH 67-0140 AFOSH 67-0775 AFOSH 67-1471 AFOSH 67-1536 AFOSH 68-0181 AFOSH 68-0182	DIMMOCK J AFOSH 68-2700	DOLAN J AFCHL 67-0108	DODLEY A A AFOSH 67-1144
DIERBE D F AFCHL 67-0394	DIMMOCK T AFOSH 68-0181	DOLAN J AFCHL 67-0108	DODLEY A A AFOSH 67-1144
DICKENS H J AFOSH 67-2224	DIMMOCK T AFOSH 68-0181	DOLAN J AFCHL 67-0108	DODLEY A A AFOSH 67-1144
DICKET C W AFCHL 68-0650	DIMMOCK T AFOSH 68-0181	DOLAN J AFCHL 67-0108	DODLEY A A AFOSH 67-1144
DICKET F H AFCHL 68-0247	DIMMOCK T AFOSH 68-0181	DOLAN J AFCHL 67-0108	DODLEY A A AFOSH 67-1144
DICKINSON L A AFOSH 67-0459	DIMMOCK T AFOSH 68-0181	DOLAN J AFCHL 67-0108	DODLEY A A AFOSH 67-1144
DICKMAN H S AML 68-1453	DIMMOCK T AFOSH 68-0181	DOLAN J AFCHL 67-0108	DODLEY A A AFOSH 67-1144

EDWARDS A M AFOSH 67-1264	AFOSH 64-1888 AFOSH 64-2303 AFOSH 64-2305 AFOSH 64-2306	ELIFE E L AFOSH 67-0023 AFOSH 67-0677 AFOSH 68-0078 AFOSH 68-2475 AFOSH 68-2411 AFOSH 68-2422 AFOSH 68-2436	ELTERMAN L AFOSH 67-0003 AFOSH 68-0133
EDWARDS D A AFOSH 67-2043	FIOLN H AFOSH 67-0207 AFOSH 64-0186	ELIEN H AFOSH 67-1001 AFOSH 67-1070 AFOSH 67-1071 AFOSH 67-1072 AFOSH 67-1073	ELMER G E ARL 67-10081
EDWARDS J W AFOSH 67-0775	FINAUDI F AFOSH 68-1065	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EDWARDS N AFOSH 68-0001 AFOSH 68-1012 AFOSH 68-1240 AFOSH 68-2218	EISENHENG V AFOSH 67-0272	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EDWARDS W AFOSH 67-1077 AFOSH 68-1188	EISENFELD J AFOSH 68-2018	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EDLIS J AFOSH 68-1481	EISENMANN E AFOSH 67-0551	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EDMOND J AFOSH 68-1243	EISENHAUT K ARL 68-10504	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EDER F M AFOSH 68-2474	EISENHAUT K J ARL 67-0213V ARL 68-0083V ARL 68-10044 ARL 68-11784 ARL 68-1107G	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EGETH H AFOSH 67-1014 AFOSH 67-1020	EISENHAUT K L ARL 67-1137V	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EGETH H E AFOSH 67-1405	EISENHAUT R E ARL 67-11204	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EGGER D J AFOSH 67-2670 AFOSH 68-0960 AFOSH 68-1948 AFOSH 68-2269	EISNER M AFOSH 67-1160 AFOSH 67-2568	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EGGERS C A AFOSH 68-0091 AFOSH 68-1704 AFOSH 68-1711	EISSA H AFOSH 68-0523	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EGGERS D F AFOSH 67-2760	EJKE D C D AFOSH 68-0453	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EGGERS D F JR AFOSH 67-0340	ERMAN G AFOSH 68-2205 AFOSH 68-2554 AFOSH 68-2555 AFOSH 68-2557 AFOSH 68-2558	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EMINGER D AFOSH 67-2266 AFOSH 68-0193 AFOSH 68-1014 AFOSH 68-1044	EKSHONG A G AFOSH 67-2244	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EMLENS J AFOSH 67-2687 AFOSH 67-2688 AFOSH 67-2689	EL-SADIK M P AFOSH 67-1075 AFOSH 67-1079	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EMM D C AFOSH 68-0133	ELA S W AFOSH 67-0429 AFOSH 67-0447	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EMRENFELD S AFOSH 68-0172	ELAZAM Z AFOSH 68-0314	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EMRENFELD L AFOSH 67-2844	ELCH G V AFOSH 67-1748 AFOSH 67-1974 AFOSH 67-2431 AFOSH 68-0302 AFOSH 68-1745 AFOSH 68-2408	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EMRENFELD M W AFOSH 67-0504	ELFOND W G AFOSH 68-2011	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EMRENFELD G V AFOSH 67-1031	ELGARDY C AFOSH 67-0577 AFOSH 68-0204	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EMMICH G AFOSH 68-0456 AFOSH 68-1784 AFOSH 68-2308	ELGIN W L AFOSH 67-1254	ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624
EMMICH H E AFOSH 68-1486 AFOSH 68-1487		ELIEN H AFOSH 67-0354 AFOSH 68-0168 AFOSH 68-0169	EMERY J O ARL 67-11544 ARL 68-11624

EPPEMBERGER M H
AFOSR 67-0888
AFOSR 67-0887
AFOSR 67-1462
AFOSR 68-1988

EPPEMBERGER M E
AFOSR 67-1462
AFOSR 68-1988

EPSTEIN M
AFOSR 68-2665
AFOSR 68-2874

ERA K
ARL 68-1477A

EROOS J
ARL 68-0029U
ARL 68-1119B

ERGIN K
AFOSR 67-2115

ERIKSON T A
AFOSR 67-1519
AFOSR 68-1208

ERNST T
ARL 68-1247I

ERVIN F R
AFOSR 67-0145

ESAKI L
ARL 68-1353M

ESCOBAR I
AFOSR 68-0185
AFOSR 68-2860

ESCOBAR I V
AFOSR 68-2866

ESCOBAR V I
AFOSR 67-0794

ESPINOSA A P
AFOSR 67-0262
AFOSR 67-0639
AFOSR 67-2150
AFOSR 67-2707

ESPOSITO P M
ARL 67-0239W
ARL 68-0021U

ESTLE T L
AFOSR 67-0986
AFOSR 67-1203
AFOSR 68-0680
AFOSR 68-1512
AFOSR 68-1876
AFOSR 68-1956

ESTRIN N F
AFOSR 67-0537

ETESON D C
AFOSR 68-0153

EUGENE MAAS J
AFOSR 67-1696

EULER F
AFOSR 68-0467

EULER U S V
AFOSR 68-2728

EUSTIS D M
AFOSR 68-0998

EVANS J A
AFOSR 67-0127A
AFOSR 67-0127B

ARL 67-0081V
ARL 67-1080A
ARL 67-1082A
ARL 67-1084A
ARL 67-1289A
ARL 68-0007T
ARL 68-0302V
ARL 68-0303V
ARL 68-0304V
ARL 68-0306V
ARL 68-1382A
ARL 68-1375A
ARL 68-1425L
ARL 68-1477A
ARL 68-1481A
ARL 68-1482A
ARL 68-1484A
ARL 68-1486A

EVANS A G R
AFOSR 68-2268

EVANS A JH
AFOSR 67-0254

EVANS D F
ARL 68-1087N

EVANS D L
ARL 67-0016U
ARL 67-0157U

EVANS E
AFOSR 67-2105

EVANS F J
AFOSR 67-0890
AFOSR 67-1036
AFOSR 67-1840
AFOSR 67-1853

EVANS J W
AFOSR 68-1394

EVANS H W
AFOSR 67-0413
AFOSR 67-2036
AFOSR 68-1265

EVANS N T
AFOSR 67-1620

EVANS R M
AFOSR 67-1531

EVANS T G
AFOSR 67-0080

EVANS W F J
AFOSR 68-0157
AFOSR 68-0500

EVEN S
AFOSR 68-0651

EVERETT C J
AFOSR 68-2664

EVERHART E
AFOSR 67-1137
AFOSR 67-1138
AFOSR 68-1721
AFOSR 68-1776
AFOSR 68-2062

EVERHART T E
AFOSR 67-0342
AFOSR 67-0344
AFOSR 67-0490
AFOSR 68-1173

EVOT W M
AFOSR 67-0267

EWALD M M
AFOSR 68-0508

EWING W S
AFOSR 68-2020

EYRING E M
AFOSR 67-2800
AFOSR 68-1321
AFOSR 68-2421

EZELL J W
ARL 67-0159U

F RAPP
AFOSR 68-1800

FABRICIUS E
AFOSR 67-0097

FADDEEV L D
AFOSR 68-1637

FAGOT R F
AFOSR 68-0949

FAHLEN G
AFOSR 67-2271

FAHRIG R M
ARL 67-0070U
ARL 68-0096U

FAIRMAN F W
AFOSR 68-2044

FAITHORNE R A
AFOSR 67-2067
AFOSR 68-0259
AFOSR 68-2198
AFOSR 68-2484

FALG P L
AFOSR 68-1339

FALCK H
AFOSR 67-0531
AFOSR 68-1016
AFOSR 68-1648
AFOSR 68-2795

FALCO R
AFOSR 68-0633

FALCONER D R
AFOSR 68-2412

FALDT G
AFOSR 67-1541

FALICHOV L M
AFOSR 68-0805

FALK D S
AFOSR 67-1965
AFOSR 67-2184

FALK H
AFOSR 67-0158

FALK J
ARL 68-0143U

FALK T J
ARL 67-1087B
ARL 68-0031U
ARL 68-0143U
ARL 68-0146U

FALKOFF D
AFOSR 67-0041

FALLER J G
AFOSR 67-2289

FALSFR H
AFOSR 67-0151
AFOSR 68-0236
AFOSR 68-0740
AFOSR 68-1307
AFOSR 68-1323

FAN C Y
AFOSR 67-1081
AFOSR 67-1204
AFOSR 68-0707
AFOSR 68-0886

FAN D N
AFOSR 68-0460

FAN L T
AFOSR 67-1865
AFOSR 67-2022
AFOSR 68-0598
AFOSR 68-0726
AFOSR 68-2407

FANCHER P S
AFOSR 67-0830

FANT C
AFOSR 67-0279

FANT C G M
AFOSR 68-0171

FARBER E
AFOSR 67-0675
AFOSR 67-0991
AFOSR 68-1668

FARMER A J D
AFOSR 68-2503

FARMER J M
AFOSR 68-0710

FARRELL D E
AFOSR 67-1770

FATTORINI M O
AFOSR 68-0768

FAULKNER J E
ARL 68-1196R

FAULKS J N G
AFOSR 67-0768

FAYRE A
AFOSR 67-0880
AFOSR 68-0798

FAYRE A J
AFOSR 67-0892

FAY J A
AFOSR 68-0462
AFOSR 68-2024

FAY R C
ARL 68-1079N

FEDDER R
ARL 68-1354M
ARL 68-1361M

FEDDERS P A
AFOSR 68-0273
AFOSR 68-0277
AFOSR 68-1229

FEDER J
AFOSR 67-0807
AFOSR 67-0987
AFOSR 68-0794

FEEHAN W
AFOSR 67-2151

FEIGAN D J
AFOSR 68-0758
AFOSR 68-2725
AFOSR 68-2760
AFOSR 68-2807

PEBLEY K A AFOSR 68-0298	FENN R W AFCL 67-0398	FEUGIER A ARL 67-0156U	FINETTI I AFCL 67-0492
FENNENBACHER L L ARL 68-0158V ARL 68-0163V ARL 68-1175A ARL 68-1176A ARL 68-1177A ARL 68-1189A ARL 68-1382A	FENSTER P AFOSR 67-1791	FISICH M AFOSR 68-1047 AFOSR 68-1963 AFOSR 68-2452	FINK W H AFOSR 67-2466 AFOSR 67-2469 AFOSR 67-2470
FEICHTNER J D AFOSR 68-2108	FENTON K B AFOSR 67-2527	FICHERA G ARL 67-1274E ARL 68-0279W	FINKE H L AFOSR 67-1787 AFOSR 68-0984
FEIGL F ARL 67-0086V ARL 67-0087V ARL 67-0097V ARL 68-0176V	FENWICK G L AFOSR 68-0435	FICKLER S ARL 67-1054A	FINKIN E F APML 67-0018
FEIK R A ARL 68-1113R	FERGUSON G AFOSR 67-0110	FICKLER S I ARL 68-1347L ARL 68-1348L	FINKLEMAN O AFOSR 67-2484 AFOSR 68-0016 AFOSR 68-1170
FEILNER P W ARL 68-1328L	FERGUSON M J AFOSR 68-1975	FICKLER S L ARL 68-1238L	FINKMAN E AFOSR 68-0145
FEIN J AFCL 67-0476 AFCL 67-0439	FERNANDEZ DE MOLINA A AFOSR 67-1604	FICO R W AFOSR 67-2006	FINLAY R W AFOSR 67-1760
FEIN M E ARL 68-0167W	FERRARI C AFOSR 67-2168 AFOSR 68-2192	FICHIGER J R AFOSR 68-0081	FINLAYSON B A AFOSR 67-0064 AFOSR 67-0320 AFOSR 67-1964
FEINBERG G AFOSR 68-0074 AFOSR 68-1971	FERRARELL R A AFOSR 67-0126 AFOSR 67-0166 AFOSR 67-0170 AFOSR 67-0172 AFOSR 67-0373 AFOSR 68-1038 AFOSR 68-1455	FIELD F H AFOSR 68-0329 ARL 67-1171N	FINN R AFOSR 68-2432 AFOSR 68-2523 AFOSR 68-2525
FEINGOLD A H AFOSR 67-2367	FERRI A ARL 67-0187U ARL 67-0274U ARL 68-0002U ARL 68-0097W ARL 68-1118B	FIELDS J ARL 67-1181N	FINN R S AFCL 67-0542
FEINLEIS J AFOSR 67-2361	FERRY D K AFOSR 67-0767 AFOSR 67-0818 AFOSR 67-1893 AFOSR 68-2041	FIELDS J L ARL 67-0200W ARL 68-0106W	FINSTON M AFOSR 68-1565
FEJER A A ARL 67-0058U ARL 68-0173U	FESSARD A E AFOSR 67-2272	FIESCHI R AFOSR 67-1333 AFOSR 68-2768	FIORIO A W ARL 67-0030Y ARL 67-0074V
FELOE E AFOSR 67-0448	FESSARD D A AFOSR 67-0969 AFOSR 67-0970	FIFE P AFOSR 68-2040 AFOSR 68-2293	FIRESTONE J M ORA 68-0088
FELOMAN A AFOSR 68-0884	FETROV C AFOSR 67-0446	FIFE P C AFOSR 68-0253 AFOSR 68-1913 AFOSR 68-1914	FIRSTENBERG S AFOSR 67-1703
FELOMAN C AFOSR 68-0052	FETTER A L AFOSR 67-0019 AFOSR 67-0579 AFOSR 67-0580 AFOSR 67-0581 AFOSR 67-0917 AFOSR 67-2021 AFOSR 68-0440 AFOSR 68-1362 AFOSR 68-1399	FIGA-TALAMANCA A AFOSR 67-2119	FISCHER A G AFCL 67-0005
FELOMAN J L AFOSR 67-0055 AFOSR 67-0489 AFOSR 68-0053	FETTI H E ARL 67-1275E	FIKE R E AFOSR 68-0763	FISCHER E AFOSR 67-0248 ARL 67-0057U ARL 68-0074Y
FELOMAN M AFOSR 68-2726	PETTIS M E ARL 67-0001Y ARL 68-0086V ARL 68-0122V ARL 68-0209T ARL 68-02230 ARL 68-0264V ARL 68-1254A ARL 68-1280L ARL 68-1469A	FILLER N AFOSR 67-1987	FISCHER H AFCL 67-0440 AFCL 67-0544 AFCL 67-0545
FELOMAN R J AFOSR 67-2719	FEUCHT D L AFCL 68-0340 AFCL 68-0530	FILOTAS L T AFOSR 67-0127	FISCHER H J AFCL 68-0391
FELOMAN R G AFOSR 68-1346	FEUCHTER C A ORA 67-0010	FILSON J AFOSR 68-1432	FISCHER H J E AFCL 67-0108
FELOMAN L B AFCL 68-0103 AFOSR 67-1734		FINDLEN N V AFOSR 67-2129	FISCHER J E AFCL 68-0215
FELTZ P AFOSR 67-0969 AFOSR 67-0970		FINE M E AFOSR 67-1654 AFOSR 67-1679 AFOSR 67-2756 AFOSR 68-1872 AFOSR 68-1873 AFOSR 68-2220	FISCHER K AFOSR 68-1698 AFOSR 68-1714
FENG P AFOSR 68-0941 AFOSR 68-1023		FINE W E AFOSR 68-0575	FISCHER M C AFOSR 68-1707
FENN J B AFCL 68-0189			FISCHER P C AFOSR 68-1295

FISHER W F JR AFOSR 68-2487	FLETCHER M R AFOSR 67-2188	FOLWEILER H C RAOC 67-0575	FOSTER A R AFCRL 67-0620
FISHBURN E S ARL 67-0113U	FLETCHER W M AFOSR 68-0130	FONER S AFOSR 67-1236 AFOSM 67-1460 AFOSR 67-1674 AFOSR 67-1681 AFOSR 67-1688 AFOSR 67-2157 AFOSR 67-2374 AFOSR 67-2727 AFOSR 67-2747 AFOSR 68-0177 AFOSR 68-0422 AFOSR 68-0559 AFOSR 68-0822 AFOSR 68-0972 AFOSR 68-1010 AFOSR 68-1522	FOURACHE R A AFCML 67-0042
FISHER A J AFOSR 68-2073	FLEXER J R AFOSR 68-1947	FOUNCEIN A J AFCRL 68-0815	FOURNIER A Y AFOSR 67-1218
FISHER A S AFOSM 68-1965	FLICKER H ARL 67-0230W	FOV B R AFCRL 68-0107	FOWLER M AFOSR 67-2184
FISHER E H ARL 67-0061U	FLICKER M AFOSR 68-0105	FOWLER R G AFOSR 67-0613	FOWLER T K AFOSR 67-2076 AFOSR 67-2593 AFOSR 68-0738
FISHER J R AFOSR 67-0303 AFOSR 68-0917 AFOSR 68-0918	FLOCK W L AFOSM 68-2704	FOWLER W A AFOSR 68-0728 AFOSR 68-2772	FOWLER W B AFOSM 67-2775 AFOSR 68-0803 AFOSR 68-1116 AFOSM 68-1510
FISHER W G AFOSR 67-1236	FLORIANI D AFOSR 68-1187 AFOSR 68-1323 AFOSM 68-1326	FOX D W ARL 68-0273V ARL 68-0274V	FOX H ARL 67-0104W ARL 68-0160U ARL 68-1118S
FISHMAN G J AFOSR 68-0480 AFOSR 68-1150 AFOSM 68-1151	FLOYD P J AFOSR 67-0240 AFOSM 67-0551 AFOSR 67-0552 AFOSM 67-0732 AFOSM 67-1296 AFOSR 67-1482 AFOSM 67-1483 AFOSM 67-2099 AFOSM 67-2535 AFOSR 68-0260 AFOSR 68-0665 AFOSR 68-0717 AFOSR 68-0718 AFOSR 68-1153 AFOSR 68-1488 AFOSR 68-1697 AFOSR 68-1886 AFOSR 68-1887 AFOSR 68-1889 AFOSR 68-2077 AFOSR 68-2193 AFOSR 68-2395 AFOSR 68-2396 AFOSR 68-2430	FOX M L AFCRL 68-0180	FOX J AFOSR 67-0848
FITAIRE M AFCRL 68-02J7	FLOYD R K AFCRL 67-0411	FOX J D AFOSR 68-1296	FOX P G AFOSR 68-0572 AFOSR 68-1789
FITTIPALDI F AFOSM 67-2587	FLOYD E R AFOSR 68-0874	FOX T G AFOSR 67-1006	FOX C L AFOSR 67-1029
PITTS P M AFOSR 67-1802 AFOSR 67-1817 AFOSR 67-1823 AFOSR 67-1830	FLOYD R AFOSM 68-0449	FRAENKEL G AFOSM 67-0087	FRAENKEL G K AFOSR 68-0000 AFOSR 68-0366 AFOSR 68-0385 AFOSR 68-0386 AFOSR 68-0387 AFOSM 68-0388 AFOSR 68-0396 AFOSR 68-0397 AFOSR 68-0398 AFOSR 68-0399
FITZGERALD D J AFCRL 67-0062 AFCML 67-0381 AFCRL 68-0046 AFCRL 68-0321	FLOYD R W AFOSR 67-251	FRAGA E AFOSR 67-0098 AFOSR 68-0066	FRAINE C R ARL 67-10131 ARL 67-1120A
FITZPATRICK D ARL 67-1204W	FLOYD W B AFCRL 67-0030	FORSTER O AFOSR 67-2797 AFOSR 68-2214 AFOSR 68-2221 AFOSR 68-2624	
FITZPATRICK D E ARL 67-1011J ARL 67-1290A	FLUGGE-LOTZ I AFOSR 67-1260 AFOSR 68-0301 AFOSR 68-0999 AFOSR 68-1018	FORSTER J H AFOSR 67-0458	
FLAGG R F ARL 67-0220U	FLINN V M AFCRL 67-0605	FORTHAN J J ARL 67-1241A ARL 68-1302A	
FLAKE R M AFOSM 67-1170 AFOSR 67-1623 AFOSR 67-1947 AFOSR 68-2033	FOCAS J AFCRL 67-0504	FORTHAN J L ARL 67-0224	
FLANHOZ A L AFCRL 68-0444	FOENSTER M V AFOSR 67-0982 AFOSR 68-0774 AFOSR 68-2800	FORTUNE H T AFOSM 67-2188	
FLANNERY W T AFCRL 67-0417	FOGEL M AFOSM 68-1804	FORWARD J AFOSR 68-1164	
FLAX L AFOSM 67-0787	FOLEY T E AFCRL 68-0589	FORWARD R L AFCRL 67-0631	
PLEISCHMAN O AFOSR 67-2317 AFOSR 68-2744	FOLK T L AFOSR 67-2423	FOSSUM H J AFCRL 67-0359 AFCRL 68-0534	
PLEISHMAN B A AFOSR 67-1025 AFOSR 67-2752 AFOSR 68-1418			
PLEWING J F AFOSR 67-1908			
PLENDER M B AFOSR 67-183W			

FRALY P F ARL 67-1292A ARL 68-0251V ARL 68-0295V	FRASER G W AFOSR 67-2793	FRANKPL F N AFOSR 68-0285	FRIHAGEN J APCRL 67-0386 APCRL 68-0260 APCRL 68-0285
FRANCESCHETTI G APCRL 67-0187	FRASER G W AFOSR 68-0554	FREUD P ARL 67-1290W	FRIND G ARL 68-0067U
FRANCIS P H AFOSH 67-1022 AFOSH 67-1937 AFOSH 68-1162 AFOSH 68-1234 AFOSH 68-1736 AFOSH 68-2820	FRASER J H APCRL 67-0269 APCRL 68-0085	FREUD P J AFOSR 67-1167 AFOSR 68-0982	FRIISCH M AFOSR 68-0080
FRANCK R W AFOSR 67-1428	FRASHER W G JR AFOSR 67-1480	FREUDIGER F S ARL 67-0151U	FRIISCH I T AFOSR 67-0487 AFOSR 68-2280
FRANCK W E AFOSR 67-0942 AFOSR 67-1012	FRATZKE W F ARL 67-10041	FREUND L B AFOSR 68-2255 AFOSH 68-2455	FRIISMAN Y AFOSR 68-2538
FRANK A A AFOSR 68-1340 AFOSH 68-1846	FREDERICKS W J AFOSR 67-1490 AFOSR 67-2075 AFOSR 68-1135 AFOSR 68-1834	FREYHEIT P J AFOSR 67-1788 AFOSR 68-0741	FRIISILLO A L ARL 67-1201H
FRANK C E AFOSR 68-0078	FREDKIN D H AFOSR 68-2397	FRIER J L AFOSR 67-0914 AFOSH 67-2033	FRIISILLO AL JR ARL 67-1010J
FRANK D F ARL 67-0163V ARL 68-0057V ARL 68-11450 ARL 68-1186A ARL 68-1380A	FREESBERG F E AFOSH 67-0540	FRIIBERG E ARL 67-00997	FRIISCH F H AFOSR 67-0276 AFOSR 67-0277
FRANK G ARL 67-1200H	FREIBURGER M R ARL 68-1432A	FRIIBERG E G ARL 67-1210C ARL 68-0032T ARL 68-0208T ARL 68-1048A ARL 68-1126C	FRIIS M J APCRL 68-0408
FRANK G S AFOSR 67-2214	FREEDMAN D A AFOSR 68-2056 AFOSR 68-2296 AFOSH 68-2477 AFOSR 68-2825	FRIIBERG J AFOSR 68-1907	FRIIS J H APCRL 68-0419
FRANK H AFOSR 67-1702 AFOSR 68-0071 AFOSR 68-0090 AFOSR 68-0543 AFOSR 68-1175 AFOSR 68-2121 AFOSR 68-2425	FREEDMAN D Z AFOSR 67-1405 AFOSR 67-1661 AFOSR 68-0189 AFOSR 68-1502 AFOSR 68-1503	FRIIDMAN J D APCRL 68-0817	FRIIS W ARL 67-0055U ARL 68-0098T
FRANKE G APCRL 67-0545	FREEDMAN E AFOSH 67-0534	FRIIDMAN M AFOSR 68-0590	FRIISBERG J AFOSR 68-2558
FRANKEL L S AFOSR 67-0729 AFOSR 68-0720 AFOSR 68-2809	FREEDMAN M D AFOSR 68-0775 AFOSR 68-0776	FRIIDMAN N AFOSR 68-0164	FRIISBART M AFOSR 68-0270
FRANKEL R B AFOSR 67-1446 AFOSR 67-1688 AFOSR 67-1841 AFOSR 67-2417 AFOSR 68-0014 AFOSR 68-1091 AFOSR 68-1454	FREEDMAN S J AFOSH 67-1234 AFOSR 67-1725 AFOSH 67-2213 AFOSH 67-2749 AFOSH 68-0316	FRIIDMAN R AFOSR 67-0382 AFOSR 67-0929 AFOSR 67-1788 AFOSH 67-2411 AFOSR 68-0002	FRIISBY J L AFOSR 67-2563
FRANKENHAEUSER M AFOSR 68-2558	FREEMAN A J AFOSR 67-0522 AFOSH 67-0596 AFOSR 67-1162 AFOSR 67-1633	FRIIDMANN M APCRL 67-0641 APCRL 68-0420	FRIISBY L AFOSR 68-2035
FRANKENTHAL S APCRL 67-0607	FREEMAN H AFOSR 68-0871	FRIIDMAN O H AFOSR 67-0826	FRIISBY L W AFOSH 68-1859
FRANKOVSKY F APCRL 67-0571 APCRL 68-0200	FREEMAN P K AFOSR 67-1552 AFOSR 68-0435 AFOSR 68-1322	FRIIDMANN M AFOSR 68-0420	FRIISBY A AFOSR 67-0598
FRANKOWSKI O E AFOSR 68-2151	FREEMAN P R AFOSR 67-1822	FRIIDMANN M AFOSR 67-0382 AFOSR 67-0929 AFOSR 67-1788 AFOSH 67-2411 AFOSR 68-0002	FRIISBY A O APCRL 68-0062
FRANKS W AFOSR 68-1599	FRENCH R T AFOSR 67-0202 AFOSR 67-1113 AFOSR 68-0583	FRIIDMANN M AFOSR 67-0382 AFOSR 67-0929 AFOSR 67-1788 AFOSH 67-2411 AFOSR 68-0002	FRIISBY J C AFOSR 67-1819
FRASER R APCRL 68-0605	FRENCH F W AFOSR 68-0476	FRIIDMANN M AFOSR 67-0641 APCRL 68-0420	FRIISBY O B APCRL 68-0615
		FRIEDMAN O H AFOSR 67-0826	FRIISBY G AFOSR 68-0375 AFOSR 68-0987
		FRIEDMAN O M JR AFOSR 67-0814 AFOSH 67-1570 AFOSH 68-0232 AFOSR 68-1613 AFOSR 68-1715 AFOSR 68-1915 ARL 67-0062U	FRIISBY J H M AFOSR 67-0395 AFOSR 67-1888
		FRIEDMAN O M AFOSR 67-0814 AFOSH 67-1570 AFOSH 68-0232 AFOSR 68-1613 AFOSR 68-1715 AFOSR 68-1915 ARL 67-0062U	FRIISBY J M M AFOSR 68-1237
		FRIEDMAN O M AFOSR 67-0814 AFOSH 67-1570 AFOSH 68-0232 AFOSR 68-1613 AFOSR 68-1715 AFOSR 68-1915 ARL 67-0062U	FRIISBY V AFOSR 68-2129
		FRIEDMAN O M AFOSR 67-0814 AFOSH 67-1570 AFOSH 68-0232 AFOSR 68-1613 AFOSR 68-1715 AFOSR 68-1915 ARL 67-0062U	FRIISBY S AFOSR 67-0585 AFOSR 68-0564 AFOSR 68-1131

FUCHS C L AFOSH 67-1954	ARL 67-0110V ARL 67-0170V ARL 67-0208V ARL 67-1102A ARL 67-1103A ARL 67-1107A ARL 67-1108A ARL 67-1111A ARL 67-1126A ARL 67-1131A ARL 67-1132V ARL 67-1134A ARL 67-1136E ARL 67-1170N ARL 67-1237A ARL 67-1238A ARL 67-1239A ARL 67-1240A ARL 67-1244A ARL 67-1246A ARL 68-0004V ARL 68-0008V ARL 68-0041V ARL 68-0053V ARL 68-0058V ARL 68-0081V ARL 68-0084V ARL 68-0095V ARL 68-0127V ARL 68-0138V ARL 68-0192V ARL 68-0324V ARL 68-1231E	AFCSR 67-2762 AFCSR 68-0008 AFCSR 68-1440	GARDNER C S AFOSH 67-0318 AFOSH 68-1021 AFOSH 68-2381
FUCHS K AFOSR 67-2077		GALDON E AFCHL 67-0682	GARDNER J B AFCHL 68-0265
FUCHS S AFOSR 67-2350		GALE D AFOSR 68-2435	GARDNER M E AFCHL 67-0468
FUCKS W ARL 67-0057U ARL 68-0074T		GALE K A ARL 67-0143V ARL 67-0177V	GARDNER M R AFOSR 68-1525
FUELLHART P O AFOSH 68-1375		GALEJS J AFCHL 68-0373 AFCHL 68-0374 AFCHL 68-0376 AFCHL 68-0377 AFCHL 68-0616	GARDNER R L AFOSR 67-2169
FUJII Y AFOSR 67-0583		GALIZZI A AFOSH 67-2335	GARDNER W E AFOSR 67-1211 AFOSR 68-0661 AFOSH 68-0928 AFOSR 68-1108
FUJIMORI E AFCHL 67-0126		GALLAGER R G AFOSH 68-2010	GARNETT J AFOSH 68-0570
FUJIMOTO M AFOSR 67-0196 AFOSH 67-2263		GALLAGHER C C AFCHL 67-0446 AFCHL 68-0140	GARNETT B B AFOSR 67-2753
FUJITA S AFOSR 67-1132 AFOSH 67-1527		GALLAGHER J M AFOSR 68-2108	GARRETT C ARL 68-1078N
FUKAI A AFOSR 67-1670	FUXE K AFOSH 67-0865 AFOSR 67-0868 AFOSH 67-0869 AFOSH 67-0870	GALLAGHER W H ARL 67-0151U	GARRETT H J ARL 67-0170V ARL 67-1338A ARL 68-0046V ARL 68-1376C
FULDE P AFOSR 67-0126 AFOSH 67-0166	GAARDEN N T AFOSR 68-0509	GALLOWAY A J ARL 67-0088W	GARRETT K S AFCHL 67-0411
FULLENBAUM M S AFOSH 67-1965	GAASH A A AFOSR 67-0331	GAMMEL J L AFOSR 67-0224 AFOSH 67-0672 AFOSR 68-0358 AFOSH 68-2747 AFOSR 68-2856 AFOSR 68-2859	GARRETT R A AFOSR 67-0546
FULLER A L AFOSH 68-1603	GABRIEL V G AFCHL 67-0022	GANESAN S AFOSR 68-0947	GARRISON R L ARL 68-0103U ARL 68-1165R
FULTON A AFOSR 68-0666 AFOSH 68-1254	GADDY O L AFOSR 67-1277 AFOSR 68-0266 AFOSH 68-2070 AFOSR 68-2071	GANGI A F AFCHL 67-0600	GARSCADUEN A ARL 67-0082V ARL 67-0109V ARL 67-0127V ARL 68-0010V ARL 68-0054V ARL 68-0117V ARL 68-0175V ARL 68-1138E
FUNG Y C AFOSR 67-0827 AFOSR 67-0828 AFOSR 67-0836 AFOSH 67-2255 AFOSR 68-0739 AFOSR 68-0640 AFOSR 68-2358 AFOSR 68-2359	GADE S AFOSR 67-2647	GANGULY A K ARL 67-1322H ARL 68-1414B	GARRISON R L ARL 68-0103U ARL 68-1165R
FUNG Y C B AFOSR 67-1980 AFOSR 68-0841 AFOSR 68-0993 AFOSR 68-1232	GAFFNEY G W AFOSH 68-0439	GANNON H C AFOSR 67-1139	GARTENHAUS S AFOSR 68-0393
FUOSS R N AFOSR 68-0216 AFOSR 68-0328 AFOSR 68-1075 AFOSR 68-1617 AFOSR 68-1690	GAFFRON M AFOSH 68-0493	GANS R AFOSH 68-2495	GARTENHAUS S AFOSR 68-0393
FURDYNA J K AFOSR 67-0215 AFOSR 67-1869	GAGER M M AFOSR 67-0698	GANTZEL P K AFOSR 68-0483	GARVIN P L AFOSR 67-0525 AFOSH 68-0390 AFOSR 68-0765
FURLAN G AFOSR 68-0564	GAGLIARDI R M AFOSR 67-0430 AFOSR 68-0865	GARABOIAN P H AFOSR 68-0446 AFOSR 68-2613	GARWACKI W AFCHL 67-0046 AFCHL 67-0427 AFCHL 68-0048
FURSTENBERG H AFOSR 67-0757	GAILAR N M AFCHL 67-0812	GARBUTT H AFOSR 67-0196 AFOSR 67-2263	GASPAHI G O AFOSR 67-0164 AFOSR 67-0427 AFOSR 68-0702
FUSCO J A AFCHL 67-0561 AFCHL 68-0294	GAINES F AFOSH 68-2607	GARCIA N ARL 68-1459H	GASSMANN G J AFCHL 68-0318
FUTRELL J H ARL 67-0026V ARL 67-0092V	GAINES J R AFOSR 68-1517	GARCIA N C ARL 68-0292V	GAST P R AFCHL 68-0334
	GAJENSKI W AFOSH 67-1005 AFOSR 68-1256	GARCIA-SANCHEZ J L AFOSR 67-1331	GASTON P AFCHL 68-0426
	GALANDEPULOS A G AFOSR 67-2144		

GAUGH J AFCL 67-009V	GEHRELL L AFOSR 68-1016	GERLOCK J L AFOSR 68-0400 AFOSR 68-2873 AFOSH 68-2874	GIBSON E G AFOSH 67-1053
GAUNT D N AFCL 67-0114	GEHMLICH D K AFCL 67-0470	GERMANO C A AFCL 68-036R	GIDDOINGS W P AFOSR 68-2500
GAVAGGIONI A AFOSR 68-1991	GEIGER J ARL 68-1092N	GEROCH R ARL 67-1328M	GIDEON J B ARL 67-0266N
GAVALAS R J AFOSR 68-2880	GEIGER W AFOSH 67-2839	GENDSA G AFCL 67-0807 AFCL 67-0526 AFCL 68-0023	GIGANTE J AFOSH 68-1459
GAVERGLIO J AFOSR 67-0460	GEISTER D F ARL 67-0217U ARL 67-0276U	GENSMON H AFOSR 68-2726	GILBERT A J AFOSR 67-1736
GAY C F AFOSH 68-0391	GELENRE S K AFOSR 68-0218	GERST I AFOSH 68-2500	GILBERT E C AFOSR 68-2456
GAZZANIGA M S AFOSR 68-2714	GELFAND N M AFOSH 67-0792	GERSTNER J AFOSR 68-0403	GILBERT F G AFOSH 67-0839 AFOSR 67-1018
GEAKE J E AFCL 68-0235	GEMME G AFOSR 67-0403	GENVAIS A AFOSH 68-1493	GILBERT F AFOSH 67-2103
GEBALLE T H AFOSR 67-0156 AFOSR 67-0510 AFOSH 67-1616	GENCHI A ARL 69-1113-1	GESSEN H O AFOSR 67-0196 AFOSR 67-2263 AFOSH 68-1313	GILBERT J M AFOSH 67-0198
GEBEL R K H ARL 67-0041V ARL 67-0105 ARL 67-0173V ARL 67-0180 ARL 67-0212V ARL 67-0270V ARL 67-1085N ARL 67-1138D ARL 67-1139D ARL 67-11930 ARL 67-1194Q ARL 68-0073T ARL 68-0100T ARL 68-0102T ARL 68-0241V ARL 68-0242V ARL 68-0255V ARL 68-0256V ARL 68-0257V ARL 68-0258V ARL 68-0259V ARL 68-0261V ARL 68-0262V ARL 68-0264V ARL 68-0265V ARL 68-0266V ARL 68-1426A ARL 68-1427A	GENDELL J AFOSR 68-0387	GILBERT R A AFOSR 68-2180	
	GENTIL C G AFOSR 68-0416	GESTRI G AFOSR 67-2538 AFOSR 67-2540	GILBERT N P AFOSR 67-0837 AFOSR 67-1188 AFOSR 67-2190 AFOSR 68-0766
	GENTILMO A AFOSR 67-0503 AFOSR 67-0506 AFOSR 67-1481 AFOSH 67-1855 AFOSR 67-1856 AFOSR 68-0843	GETOOR H K AFOSH 68-0411	GILBERT W L AFOSH 67-251R
	GENGE A R AFOSR 68-0571	GHANDOUR E AFOSR 68-1550	GILFILLAN E S AFCL 68-0177
	GEORGE C AFOSR 68-1027 AFOSR 68-107R	GHAUSI H S AFCL 67-0087 AFCL 67-0130 AFCL 67-0562 AFCL 68-0111 AFCL 68-0117	GILL A AFOSR 67-0334 AFOSR 68-0036 AFOSR 68-1947 AFOSR 68-2016 AFOSR 68-2057
	GEORGE D E AFOSR 68-0435	GMIA K N ARL 67-0058U	GILL D H AFOSR 67-0762 AFOSR 67-0763 AFOSH 67-2497
	GEORGE D J AFOSR 68-1363	GHISLIN D AFOSR 67-1523	GILL J J AFOSR 68-0303
GEHARDT W ARL 67-1299M	GEORGE P K AFOSR 68-0558	GHOSH M K AFOSR 68-2355	GILL P S ARL 68-1329B
GEDDES W AFOSR 67-0316	GEORGE W AFCL 68-0432	GIACONETTI P I AFOSH 67-1796	GILLES S E AFOSR 68-1309 AFOSR 68-1895
GEDNEY L AFOSH 67-2860	GERBES W W AFCL 67-0152 AFCL 67-0668	GIANNOTTA S F ARL 67-0194T ARL 67-1076A ARL 68-0148T ARL 68-0211T ARL 68-1333C	GILLFSPIE D AFOSR 67-2324 AFOSR 67-2340
GEE A R AFOSR 67-2443	GERE D R ARL 67-0213V ARL 68-0034V	GIBBS B W AFCL 67-0823 AFCL 67-0825	GILLESPIE E AFOSR 67-0026
GEE E L AFCL 67-0050	GERHARDT L A AFOSR 67-0054 AFOSR 68-1350	GIBBS C L AFOSH 68-1686 AFOSR 68-1692 AFOSR 68-1717	GILLESPIE J AFOSR 67-0545
GEE H K AFCL 67-0455	GERHARDT U AFOSH 68-0723	GIMBS M AFOSR 68-1700	GILLESPIE J S AFOSR 67-0698
GEERING G T AFOSH 68-1529	GERLACH M L AFOSH 67-2316 AFOSH 68-1816	GIMSON D F AFOSR 67-0911 AFOSR 67-1724	GILLFSPIE K A AFOSR 67-0665
GEESNER C R ARL 67-0231V ARL 67-0269V	GERLICH D ARL 68-1457M		GILLFSPIE N J AFOSR 67-0543 AFOSR 67-0544 AFOSR 67-0546
GEFFEN N AFOSR 67-0394 AFOSR 67-2438 AFOSH 68-0220 AFOSH 68-1935			

AFOSR 67-1270 AFOSR 67-2474 AFOSR 68-0175 AFOSH 68-1412	GLASERSFLO E V AFOSR 67-1687	GNANAUZSIKAN M ARL 67-0258W	GOLDMAN M AFCL 68-0111
GILLICH W J AFOSR 67-1939	GLASNEH M AFOSR 68-2616	GIIDANT J AFCL 68-0237	GOLDMAN R AFOSR 67-1030 AFOSR 67-2665
GILLIS J AFOSR 68-0549	GLASS G F AFOSR 67-0481 AFOSR 68-2663 AFOSR 68-2866	GODSKE C L AFCL 67-0677	GOLDWICH F E ARL 68-0243W
GILLOW M AFOSR 67-0207	GLASS I E ARL 67-0014W	GOFHNEH J G AFOSH 67-0054 AFOSR 68-1350	GOLORING M AFCL 68-0421
GILMAN P A AFCL 68-0246 AFCL 68-0501	GLASS J W AFOSR 67-0720	GOFFMAN W AFOSR 67-1466 AFOSR 67-1467 AFOSR 67-1474	GOLOSTEIN A A AFOSR 67-0784 AFOSR 68-0056 AFOSR 68-0281 AFOSR 68-0494 AFOSR 68-0300 AFOSH 68-0374
GILPIN R R AFOSR 68-0743	GLASS L AFOSR 67-0093 AFOSR 67-0226 AFOSR 67-0270 AFOSH 68-0721	GOGGINN W B AFCL 68-0052	GOLDSTEIN J S AFCL 68-0584
GILVARRY J J AFOSR 68-1808 AFOSH 68-1842	GLASSEN W L AFOSR 67-0057 AFOSR 67-0083 AFOSR 67-0085 AFOSR 67-1231	GOGGINS W H JR AFCL 67-0474 AFCL 67-0586	GOLDSTEIN M E ARL 67-0287W ARL 67-0288W
GIMER J AFCL 68-0160	GLAUBER W J AFOSR 67-0114 AFOSH 68-0136 AFOSR 68-0141 AFOSR 68-0450	GOLD E M AFOSR 67-2815	GOLDSTEIN M H JR AFOSH 68-2771 AFOSH 68-2778
GINGHANE A AFCL 67-0223	GLAZE J A AFOSR 68-1706	GOLD L D AFOSR 68-1758	GOLDSTEIN M J AFOSR 67-0916
GINN S G W AFOSR 68-2846	GLAZEN A AFCL 67-0338	GOLD M H AFOSR 67-2016 AFOSR 68-0745	GOLDSTEIN M L AFOSR 68-1720
GIMMEX J J AFOSR 67-0615 AFOSR 67-2600 AFOSR 68-0211 AFOSR 68-0026 AFOSR 68-2568	GLENN S W AFOSR 68-1150 AFOSH 68-1151	GOLD T AFOSH 67-1646 AFOSR 67-2614	GOLDSTEIN P AFOSH 68-0462
GINSBURG S AFCL 67-0078 AFCL 67-0363 AFCL 67-0364 AFCL 67-0537 AFCL 67-0538 AFCL 67-0666 AFCL 68-0040 AFCL 68-0041 AFCL 68-0240 AFCL 68-0470 AFCL 68-0542	GLENN T H AFOSR 69-0690	GOLDRENG M AFOSH 68-2738	GOLDSTEIN R ARL 67-1334W ARL 68-0152W
GIOMGI E D AFOSH 68-1189	GLESEN L J AFOSH 67-1624	GOLDRENG I ARL 68-0335V ARL 58-1093M	GOLDWIRE M C JR AFOSH 67-2522 AFOSH 67-2578
GIOVANNINI A AFOSR 68-1213 AFOSH 68-1214 AFOSR 68-1218	GLICK A AFOSH 67-2185	GOLDRENG J N AFOSR 67-1644 ARL 68-0270W	GOLIN S AFOSR 68-0820
GISM M AFCL 68-0150	GLICK A J AFOSR 67-0173 AFOSR 68-1768	GOLDRENG M A AFOSR 67-2057	GOLUBIC H A ARL 68-0283W
GIULIANO C R AFOSH 67-0450 AFOSR 67-2477 AFOSH 68-0634	GLICKSBERG I AFOSH 68-0570	GOLDRENG M L AFOSH 67-1195 AFOSH 68-1261	GOLUB D AFCL 67-0053 AFCL 67-0144
GIUSTI A AFCL 67-0516	GLISSON T L AFOSH 68-2029	GOLDRENG W I AFOSH 67-0813 AFOSR 67-2641	GOLUB S W AFOSH 67-0313
GIVE ON Y AFOSR 68-0454	GLOCKER J AFOSR 67-1204 AFOSR 67-1723 AFOSH 68-0707	GOLDEN O M AFOSR 68-2900	GOLUB R AFCL 67-0297 AFCL 68-0064
GIVERN Y AFOSR 68-0451	GLUENSFEN D AFOSR 67-2184	GOLFANQ I D AFOSH 67-0754 AFOSR 67-2040 AFOSR 67-2041 AFOSR 67-2403 AFOSR 68-0041	GOLUEKE C G AFCL 67-0455
GLABERSON W I AFOSR 68-2288	GLOVER G H AFOSR 67-1645	GOLHAMMER P ARL 67-0033V	GOMEH R AFOSH 67-1673
GLADSTONE G AFOSH 67-1976	GLOVEN E M AFCL 67-3127	GOLDICH S S AFOSH 67-0314	GONEHC G AFOSR 68-1082
GLASER Y AFOSR 67-0177	GLYDE M H AFOSR 67-1529	GOLDMAN A AFCL 67-0572 AFCL 68-0416 AFOSH 68-0145 AFOSR 68-1204	GOOD E R AFCL 67-0193
	GMITRO J I AFOSH 67-1103		GOOD R E AFCL 67-0053 AFCL 68-0143
			GOOD W D AFOSR 67-1787 AFOSR 68-0984

AFOSR 68-1245	GORMAN R ARL 67-0186U	ARL 67-0118U ARL 67-0147U ARL 67-0160W ARL 67-0164W ARL 67-0171V ARL 68-0186U ARL 68-0187U ARL 68-0188U ARL 68-1171A	GREEN J S AFOSR 67-1676 AFOSR 68-1337
GODFELLOW R J AFOSH 68-0469	GOROFF I AFOSH 68-0401		GREEN M AFOSR 67-2290 AFOSR 68-0801 AFOSH 68-0889 AFOSR 68-1333 AFOSR 68-1335 AFOSR 68-2140
GODMAN B ARL 68-1154N	GORRELL J M JR ARL 67-0088V	GRAHAM J J JR AFCLRL 68-0622	GREEN M M AFOSR 68-1720 AFOSR 68-2499
GODREVICH L AFOSH 65-1465 AFOSR 68-2073	GOSCINSKI O AFOSR 68-1817 AFOSR 68-2671	GRAMMATICOS A AFOSR 68-0987	GREEN M W AFCLRL 68-0002
GOMA E R AFCLRL 67-048P	GOSSE W M AFOSH 67-252P	GRAMMATEKOS A AFOSR 68-0298	GREEN R E JR AFOSR 67-1037
GORDON A J AFOSH 68-2490	GOTSMAN E AFOSH 67-027P AFOSR 67-1319	GRAMMELTVEIT A AFCLRL 68-0238	GREEN T A AFOSR 68-1980
GORDON A H AFOSR 67-1479	GOTTRON R N AFOSH 68-2582	GRANDE E AFOSH 67-0128	GREEN W E AFOSR 67-1664
GORDON D AFOSR 68-0146	GOTTSDANKER N AFOSR 67-1402	GRANGER J M AFOSH 67-2448	GREENBERG I AFOSH 67-1802
GORDON HALL J ARL 67-0133U	GOUGE M AFOSR 67-1078	GRANNIS N J AFCLRL 67-0567	GREENBERG J M AFOSR 67-2297 AFOSR 67-2685 AFOSR 68-1161
GORDON J S AFOSH 67-1745	GUUGOUTAS J Z AFOSH 67-2887 AFOSR 68-0357	GRANUFF B AFCLRL 68-0060	GREENBERG S A AFML 67-0294
GORDON M AFOSR 67-2173	GOULD F S AFOSH 67-0905	GRANTHAM D B AFCLRL 68-0430	GREENE D E ARL 67-0140T
GORDON M E AFOSH 67-0796 AFOSR 68-2524	GOULD G AFOSH 67-1124	GRANTHAM D D AFCLRL 67-0232 AFCLRL 68-0229 AFCLRL 68-0550	GREENE F Y AFOSR 67-1971 AFOSH 68-1879
GORDON N E AFCLRL 67-0859 AFCLRL 67-0851	GOULD J R AFOSR 67-2006 AFOSR 68-2180	GRANZOW A AFOSH 68-1420 AFOSH 68-2605	GREENE J E AFOSR 67-0565
GORDON N G AFOSH 68-0660	GOULD R W AFCLRL 68-0185 AFCLRL 68-0493 AFOSR 68-2305	GRASSO N M AFOSR 68-2068	GREENE J M AFOSR 68-1021
GORDON W E AFOSR 67-0804 AFOSH 67-2700	GOUNAUD R L JR ARL 67-1007E	GRAYATT C C AFOSR 67-2179 AFOSR 67-2182	GREENE L C ARL 67-0231V ARL 67-0269V ARL 67-1284A ARL 68-0233V ARL 68-0299V ARL 68-0300V ARL 68-1479A
GORDON W L AFOSR 67-0434 AFOSR 67-0435 AFOSH 67-1963	GOVINDAN P AFOSR 68-0091	GRAY J N AFOSR 68-0323	GREENE P D AFOSH 67-0864 AFOSH 67-1984
GORDY W AFOSH 67-0013 AFOSH 67-0014 AFOSR 67-0018 AFOSR 67-0068 AFOSR 67-0076 AFOSR 67-0168 AFOSR 67-0340 AFOSR 67-0385 AFOSR 67-0402 AFOSH 67-1476 AFUSP 67-2282 AFOSR 67-2668 AFOSH 68-0163 AFOSH 68-1021 AFOSH 68-1050 AFOSR 68-2236 AFOSR 68-2249	GOVINDARAJULU Z AFOSR 67-0688 AFOSR 68-0205 AFOSR 68-0206 AFOSH 68-1278 AFOSR 68-1277 AFOSR 68-1634 AFOSH 68-2753	GRAY R L AFOSR 67-1218	GREENSPAN M P AFOSR 67-0981 AFOSH 68-2081
GORE J V AFCLRL 68-0415	GOWELL R W AFCLRL 68-0369	GRAY T J AFOSR 67-2188 ARL 68-1156N	GREENSTEIN J L AFOSR 67-0625 AFOSR 67-0643 AFOSR 67-1174 AFOSR 67-1332 AFOSR 67-2197 AFOSR 68-0124 AFOSR 68-0960 AFOSH 68-2138
GORESH J W ARL 67-0039V ARL 67-1211C ARL 68-10064 ARL 68-1384C	GRABER H D ARL 67-0085V	GREBOWSKY J M AFCLRL 67-0328	GREENWALD A S AFOSR 67-1395
GORMAN D AFOSH 67-1706	GRAD M AFOSH 68-0845	GRECOS A P AFOSH 68-1093 AFOSR 68-1814	GREENWOOD N M AFOSR 67-0768 AFOSR 68-1531
GORMAN J E AFCLRL 67-0148	GRAESSER E C AFOSR 68-1266	GREEN A E S AFOSR 67-2555 AFOSR 67-2565 AFOSR 67-2566 AFOSR 68-2488 AFOSH 68-2559 AFOSR 68-2560	GREER W L AFOSR 68-2483
	GRAF K A AFCLRL 67-0623 AFCLRL 67-0624 AFCLRL 67-0625	GREEN C C AFCLRL 67-0370	
	GRAHAM G A C AFOSR 68-1643	GREEN J M AFOSR 67-0062 AFOSR 68-2587 AFOSH 68-2660	
	GRAHAM M C ARL 67-0107V		

GREGG W D AFOSH 67-1990 AFOSH 68-1140 AFOSH 68-1497 AFOSH 68-1061 AFOSH 67-1800 AFOSH 68-2426	AFCHL 68-0475 GRIGOR A F AFOSH 68-1363 AFOSH 68-1364	GRUNCH G G ARL 68-00230 GRUNEN H AFOSH 67-2688	GULKIS S AFOSH 67-0211 AFOSH 67-1130 AFOSH 67-1730 AFOSH 67-2696 AFOSH 68-1121
GREGOREK C M ARL 68-11088	GRILLIT U AFOSH 68-2782	GRUBEN S AFOSH 67-1786	GUMMICH H E ARL 68-1067H
GREGORER G G ARL 67-1224J	GRIN S D AFOSH 67-0417 AFOSH 67-1613 AFOSH 67-2726 AFOSH 68-0606 AFOSH 68-1260	GRUNGAUM N AFOSH 67-0704	GUNDERMANN E J AFOSH 67-1667 AFOSH 68-1089
GREGOREK G M ARL 67-1147H ARL 67-12140 ARL 68-0004U	GRIMLEY H M ARL 68-0293V	GRUNHAUM E AFOSH 68-1909	GUNDY R F AFOSH 68-0968
GREGORY R L AFOSH 68-1212	GRINN U ARL 67-1124A ARL 67-1125A ARL 68-0320V ARL 68-1076A	GRUNNERGER L AFOSH 67-0991	GUNNAR M AFCHL 67-0276
GWEIBACH S AFCHL 67-0363 AFCHL 67-0498 AFCHL 67-0538 AFCHL 67-0539 AFCHL 68-0189 AFCHL 68-0740 AFCHL 68-0241	GRINGURTEN E I AFCHL 67-0125 AFCHL 67-0274	GRUNDFRST M AFOSH 67-1490	GUPTA A K AFOSH 68-2821
GREY J ARL 67-0744W ARL 67-1236H	GRISSEM D AFOSH 67-0H14	GRUSSEN O J AFOSH 68-2703	GUPTA D AFOSH 67-1171
GRGIN F AFOSH 68-2739	GRUDZINS L AFOSH 67-1446 AFOSH 68-034R	GUANALDI G AFOSH 67-0031 AFOSH 67-0074 AFOSH 67-0075 AFOSH 67-0117 AFOSH 67-2192 AFOSH 68-0711 AFOSH 68-2069	GUPTA G AFOSH 68-2535
GRIMBLE R F AFOSH 67-0826	GROFF H P AFOSH 67-0747	GUARD J M AFCHL 67-0167	GUPTA I ARL 68-1165H
GRIMSMANN J W C AFOSH 68-1534 AFOSH 68-1535 AFOSH 68-2439	GROGINSKY H L AFCHL 67-0182 AFCHL 68-0176	GUAZZI M AFOSH 68-0943	GUPTA S C AFOSH 68-2031 AFOSH 68-2048
GRIEPENTHOFF M ARL 68-0110U	GROJEAN H E AFCHL 67-0267	GUDEMOS S M ARL 67-0159U	GUPTA S S ARL 67-0252W ARL 67-0253W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305R ARL 68-0272W ARL 68-1454R
GRIFFIN A AFOSH 67-0339 AFOSH 67-1056 AFOSH 68-1755	GROSS D J AFOSH 67-3480	GUENHJAHN C A AFOSH 67-1156	GUPTA S S ARL 67-0252W ARL 67-0253W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305R ARL 68-0272W ARL 68-1454R
GRIFFIN C E AFOSH 67-2373 AFOSH 68-0736	GROSS F P AFOSH 68-1038 AFOSH 68-2433 AFOSH 68-2474 AFOSH 68-2475 AFOSH 68-2476	GUENHJAHN C A AFOSH 67-1156	GUPTA S S ARL 67-0252W ARL 67-0253W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305R ARL 68-0272W ARL 68-1454R
GRIFFIN H E AFOSH 68-2027 AFOSH 68-2045	GROSS P AFOSH 67-0864 AFOSH 67-1084 AFOSH 67-1085 AFOSH 67-1493 AFOSH 67-2638 AFOSH 68-1795	GUENHJAHN C A AFOSH 67-1156	GUPTA S S ARL 67-0252W ARL 67-0253W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305R ARL 68-0272W ARL 68-1454R
GRIFFITH V V ARL 67-0121	GROSS R A AFOSH 67-181R AFOSH 68-0224 AFOSH 68-022H AFOSH 68-1205 AFOSH 68-1603 AFOSH 68-2681	GUENHJAHN C A AFOSH 67-1156	GUPTA S S ARL 67-0252W ARL 67-0253W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305R ARL 68-0272W ARL 68-1454R
GRIFFITHS J D AFCHL 68-0227	GROSSKREUTZ J C AFML 67-0203	GUENHJAHN C A AFOSH 67-1156	GUPTA S S ARL 67-0252W ARL 67-0253W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305R ARL 68-0272W ARL 68-1454R
GRIFFITHS J H AFOSH 68-1059	GROSSMAN D L AFOSH 67-2254	GUENHJAHN C A AFOSH 67-1156	GUPTA S S ARL 67-0252W ARL 67-0253W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305R ARL 68-0272W ARL 68-1454R
GRIFFITHS H H AFOSH 67-2035 AFOSH 68-2567	GROVE A S AFCHL 67-0062 AFCHL 67-03H1	GUENHJAHN C A AFOSH 67-1156	GUPTA S S ARL 67-0252W ARL 67-0253W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305R ARL 68-0272W ARL 68-1454R
GRIFFITHS T V AFCHL 68-0012	GROVES S H AFOSH 67-2361 AFOSH 68-0022 AFOSH 68-1802	GUENHJAHN C A AFOSH 67-1156	GUPTA S S ARL 67-0252W ARL 67-0253W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305R ARL 68-0272W ARL 68-1454R
GRIFFY T A AFOSH 67-057R		GUIDE G AFOSH 67-1333	GUPTA S S ARL 67-0252W ARL 67-0253W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305R ARL 68-0272W ARL 68-1454R
GRIGGS M AFCHL 67-0042 AFCHL 68-0001		GUIDE G AFOSH 67-1333	GUPTA S S ARL 67-0252W ARL 67-0253W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305R ARL 68-0272W ARL 68-1454R
GRIGGS W H AFCHL 67-026R		GUIDE G AFOSH 67-1333	GUPTA S S ARL 67-0252W ARL 67-0253W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305R ARL 68-0272W ARL 68-1454R

GUTTREICH G L AFCL 67-0297	HACKMAN J R AFOSR 68-1411 AFOSR 68-1678	HALE J K AFOSR 67-2219 AFOSR 67-2474 AFOSR 68-0893 AFOSR 68-0898 AFOSR 68-1763	HALPERN M B AFOSR 67-0478 AFOSR 67-1421 AFOSR 67-2809 AFOSR 67-2487 AFOSR 67-2699 AFOSR 68-0429 AFOSR 68-2218 AFOSR 68-2838
GUY R K AFOSR 68-1392	HADDAD G M AFOSR 68-2803	HALES A L AFCL 67-0026 AFCL 67-2664 AFCL 67-0895 AFOSR 67-0899 AFOSR 67-1664	HALTON B AFOSR 68-0709
GUYON J C AFOSR 67-1608 AFOSR 67-1897 AFOSR 67-1707	HADDOON W F AFOSR 67-1847	HALKIN M AFOSR 67-0148 AFOSR 67-0776 AFOSR 67-0777 AFOSR 67-0778 AFOSR 67-0780 AFOSR 67-0781	HAN R K AFOSR 67-1085
GUZMAN A AFCL 67-0133	HADEN C M AFOSR 67-0749 AFOSR 67-0766	HALL D O AFOSR 67-2796	HANSEN B AFOSR 67-0868 AFOSR 67-0870
GUZZLE T L AFOSR 67-0362	HADJIORETHIDOU J D AFOSR 68-1413 AFOSR 68-2287 AFOSR 68-2288	HALL H M JR AFOSR 67-0763	HANSEN-ANTYLA K A AFCL 67-0804
GVISHI M ARL 68-0189V ARL 68-1168B ARL 68-1169D	HADLEY W C AFCL 67-0231	HALL M D URA 67-0001 CRA 67-0002 ORA 67-0003 URA 67-0007 ORA 67-0011 ORA 68-0002 ORA 68-0010	HAMILTON C H AFCL 67-0098
GYARMATHY G ARL 67-0234T ARL 67-1222A ARL 68-0077V ARL 68-0318V ARL 68-1386C ARL 68-1347C	HADRIG J E AFOSR 68-0668 AFOSR 68-0730	HALL J F AFOSR 68-0823	HAMILTON J H ARL 68-1224H
GVGAK S AFOSR 67-1732	HAFELINGER G AFOSR 68-1092 AFOSR 68-1166	HALL J G ARL 67-1223H	HAMILTON L AFOSR 67-2628
GVORFFY B L AFOSR 68-1978	HAFKA R AFOSR 68-0065 AFOSR 68-1468 AFOSR 68-2352	HALL J L II AFOSR 68-2778	HAMILTON L A ARL 67-0202T ARL 67-12211
HAAS M W AFCL 67-0072 AFCL 67-0083 AFCL 67-0110 AFCL 67-0238	HAGAN T W JR AFCL 67-0413	HALL L C AFOSR 68-0197	HAMILTON W C AFOSR 68-0041
HAAS J E AFOSR 67-1726 AFOSR 68-0801	HAGEN A P AFOSR 67-1367 AFOSR 68-1783 AFOSR 68-2817	HALL M L II AFOSR 68-1987	HANLET P AFOSR 68-0329
HAAS T E AFOSR 68-0679	HAGEN J AFOSR 67-1652	HALL R B AFCL 67-0046	HAMMER S S AFOSR 67-0149
HAAS T W ARL 67-0028V ARL 67-0078V ARL 67-0183V ARL 67-1129A ARL 67-1130A ARL 68-0042W ARL 68-0067W ARL 68-1068A ARL 68-1217A	HAGENBUCH K W AFCL 67-0087	HALL R H AFOSR 67-1096 AFOSR 68-0861	HAMMOND G AFOSR 68-1271
HAASE K M AFCL 67-0136 AFCL 67-0392 AFCL 67-0393 AFCL 67-0430	HAGGENDAL J AFOSR 67-2274	HALL R H AFCL 67-0046 AFCL 67-0427 AFCL 68-0048 AFCL 68-0488	HAMMOND G S AFOSR 67-0094 AFOSR 67-0095 AFOSR 67-0109 AFOSR 67-0165 AFOSR 68-0267 AFOSR 68-0288 AFOSR 68-0335 AFOSR 68-0376 AFOSR 68-1681 AFOSR 68-1828 AFOSR 68-1904 AFOSR 68-2854
HABIB E E AFOSR 68-1767	HAGLER W D AFOSR 67-17A6 ARL 67-0062U	HALL N M AFOSR 67-2050	HAMMOND H L ARL 67-0248V
HABIG R L AFOSR 68-0366	HAGT C M AFOSR 67-2461	HALLER G L AFOSR 68-0385	HAMMOND W B AFOSR 67-0290 AFOSR 67-0892 AFOSR 67-1526 AFOSR 67-2226 AFOSR 68-2813 AFOSR 68-2866
HACHTEL G O AFOSR 68-2006	HAGMOVICI D AFOSR 68-0165	HALLIDAY I G AFOSR 67-1363 AFOSR 67-1637	HAMMONS J H AFOSR 67-0730 AFOSR 67-0731
HACKETT W M JR AFOSR 67-1741	HAINES C W AFOSR 68-0372	HALPERN A AFCL 67-0138 AFCL 67-0322 AFCL 68-0236	HAMPRECHT B AFOSR 67-1349
HACKMAN E E AFOSR 67-241V AFOSR 68-0470 AFOSR 68-1310 AFOSR 68-1551 AFOSR 68-1958	HAKINI S L AFOSR 67-0393 AFOSR 67-1702 AFOSR 67-2270 AFOSR 68-0543 AFOSR 68-0891 AFOSR 68-2413 AFOSR 68-2425	HALPERN B AFOSR 67-1673	HAN L S ARL 68-0019U
HACKMAN E F III AFOSR 67-2027	HALDEN C W ARL 67-0261U ARL 68-0115U ARL 68-0289W ARL 68-1077W	HALPERN E J AFOSR 67-2625	HANAMURA E AFOSR 67-0171 AFOSR 67-1677
	HALDEN F A AFCL 67-0218	HALPERN J AFOSR 67-2331	

HANAWALT J T AFOSR 67-0267	HANSON S C AFOSR 66-2800	HANKNESS S D ARL 67-1180N	HARRIS H V AFOSR 67-1981
HANCOCK J B ARL 67-0703	HANSON K AFOSR 67-2860	HARRIDER D AFOSR 66-1433	HARRIS I R AFOSR 67-2408
HANCOCK J C AFOSR 66-2226	HANSON M A ARL 67-0136V ARL 66-0040V ARL 66-0276V ARL 66-0276V ARL 66-0286V ARL 66-0347V	HARRIDEN D G AFOSR 67-0307	HARRIS J M AFOSR 66-2110
HAND C W AFOSR 67-0876 AFOSR 66-0019		HARLOW C A AFOSR 67-1744	HARRIS R W AFOSR 67-0070 AFOSR 67-0289
HANDELEN APC 7-0616	HANSON M E AFOSR 66-2206	HARM H AFOSR 66-0961 AFOSR 66-1046	HARRIS S J AFOSR 66-2875
HANEL G AFOSR 67-0207 AFOSR 66-0186	HARA Y AFOSR 67-0027	HARMSER D AFOSR 67-0762	HARRISON A ARL 66-1126N
HANEY P AFOSR 66-0938	HARARI O AFOSR 67-0467 AFOSR 67-0947 AFOSR 67-1929 AFOSR 67-1942 AFOSR 67-2442 AFOSR 66-1944	HARMSER D M AFOSR 66-1246 AFOSR 66-1256	HARRISON A G ARL 66-1086N
HANEY F H AFOSR 66-1612		HARNISCHNACHER R AFOSR 67-0270 AFOSR 67-0503	HARRISON M A AFOSR 67-0076 AFOSR 67-0666 AFOSR 66-0323 AFOSR 66-2036 AFOSR 66-2102 AFOSR 66-2401
HANEY W L ARL 67-0091V ARL 67-0106V ARL 67-0273T ARL 67-1081A ARL 67-1208L ARL 67-1209L ARL 66-0216T ARL 66-1106A ARL 66-1343A	HARARY F AFOSR 67-0733 AFOSR 67-0736 AFOSR 67-0737 AFOSR 67-0774 AFOSR 67-1167 AFOSR 67-2498 AFOSR 66-0588 AFOSR 66-0619 AFOSR 66-1392 AFOSR 66-1393 AFOSR 66-1394 AFOSR 66-1395 AFOSR 66-2017	HARP J C AFOSR 66-0363	HARRISON R H AFOSR 67-0942 AFOSR 67-0981 AFOSR 66-0984 AFOSR 66-1431
HANKE M H JR AFOSR 66-0412	HARBISON D R AFOSR 66-1796	HARRINGTON R F AFOSR 66-0282	HARRISON S A AFOSR 67-0485
HANLEY J AFOSR 66-0633 AFOSR 66-2713		HARRINGTON T L AFOSR 66-1439	HARROP I M AFOSR 67-1000
HANNA M W AFOSR 67-2160	HARBOUR P J ARL 66-1109B ARL 66-1114B	HARRINGTON W J AFOSR 66-0706	HARRUPP D A AFOSR 67-0522
HANNAN E J AFOSR 67-0443 AFOSR 67-1649	HARDOURNE D A AFOSR 67-1128 AFOSR 66-1133 AFOSR 66-1336	HARRIS A M AFOSR 67-1961	HART G M ARL 67-0169U
HANNAY N B AFOSR 67-2806		HARRIS B AFOSR 67-0217	HART J F AFOSR 66-1160
HANRAHAN H J ARL 67-1126A ARL 66-1330R	HARDOURT C O AFOSR 67-0390 AFOSR 67-0711 AFOSR 67-1230 AFOSR 67-1336 AFOSR 67-1406 AFOSR 67-1593 AFOSR 66-1178	HARRIS C W ARL 67-0028V ARL 67-0116V	HARTER M L ARL 67-0027V ARL 67-0059T ARL 67-0089V ARL 67-0116V ARL 67-0130V ARL 67-0184V ARL 67-1018A ARL 67-1019A ARL 67-1032A ARL 67-1252C ARL 67-1267E ARL 66-0038V ARL 66-0085V ARL 66-0171V ARL 66-02230 ARL 66-0277V ARL 66-0278V ARL 66-1253A ARL 66-1470A
HANRATTY T J AFOSR 67-0476 AFOSR 67-2135 AFOSR 67-2385 AFOSR 66-0612 AFOSR 66-2079	HARDCASTLE D L AFOSR 66-2856	HARRIS D AFOSR 67-1546 AFOSR 66-1179 AFOSR 66-1274	
HANSEN G J AFOSR 67-2516		HARRIS D E AFOSR 67-1179 AFOSR 66-1089	
HANSEN P A AFOSR 67-0613 AFOSR 66-0585	HARDEN R L ARL 66-0049U ARL 66-1193B	HARRIS F E AFOSR 66-1479 AFOSR 66-2101	
HANSON D L AFOSR 67-0941 AFOSR 67-1012 AFOSR 67-1015 AFOSR 67-2410 AFOSR 66-1072 AFOSR 66-1145	HARDY J H ARL 66-1358M	HARRIS G I ARL 67-0033V ARL 67-0111V ARL 67-0182V ARL 67-1034A ARL 67-1037A ARL 67-1038A ARL 67-1040A ARL 67-1045A ARL 66-0009V ARL 66-0012V ARL 66-0148V ARL 66-0330V ARL 66-1204A ARL 66-1205A ARL 66-1207A ARL 66-1208A ARL 66-1237L ARL 66-1338A ARL 66-1339A	HARTL W F AFOSR 67-1283
HANSON E M AFOSR 66-1443	HARDY K R AFOSR 67-0127		HARTLE J B AFOSR 66-0269
HANSON F B AFOSR 67-1280	HARDY W N AFOSR 66-1517		HARTMAN J S AFOSR 67-1270 AFOSR 67-2478 AFOSR 66-1412
	HARKCOM J K AFOSR 66-0806		HARTMAN K O AFOSR 67-0540 AFOSR 67-0541
	HARKER J E AFOSR 66-2174		HARTMAN P AFOSR 67-2127
	HARKNESS S ARL 66-1161M	HARRIS G W AFOSR 67-0920 ARL 67-0004U	

AFOSH 67-2128 AFOSH 67-2788 AFOSH 6A-0445 AFOSH 6A-1076 AFOSH 6A-1997 AFOSH 6A-2562 AFOSH 6A-2563 AFOSH 6A-2564	HASHALL J A AFOSH 6A-1396	HAYNE G S AFOSH 6A-2708	HEFFNER R AFOSH 6A-2164
HARTMAN H AFOSH 67-2627	HASSELL E J ARL 6A-1336C	HAYNES G W AFOSH 6A-1613	HECHLOW F M AFOSH 67-0418
HARTNETT W E AFOSH 67-0045 AFOSH 67-0124 AFOSH 67-0591	HATCHER T AFOSH 6A-0007	HAYNES W E AFOSH 6A-0888	HECHMER G A AFOSH 67-1439 AFOSH 67-1453 AFOSH 6A-1085 AFOSH 6A-1618
HARTNELL J G AFOSH 67-1170	HAUBRICH R AFOSH 67-1103	HAYS D H AFOSH 67-0443	HEIDEMAN J C AFOSH 67-1885 AFOSH 6A-0504
HARTNICK F D A AFOSH 6A-1046	HAUGEN E AFOSH 6A-0202	HAYBLATT R R ARL 67-0185 ARL 6A-2586V	HEIL M AFOSH 67-0228 AFOSH 67-0378 AFOSH 67-0800
HARTWIG W H AFOSH 67-0607 AFOSH 67-0749 AFOSH 67-0766 AFOSH 67-0814 AFOSH 67-1587 AFOSH 67-2138	HAUGEN H L ARL 6A-0204T ARL 6A-0309V ARL 6A-1386C	HAZARD C AFOSH 67-1130 AFOSH 67-1730 AFOSH 67-2698 AFOSH 6A-1121	HEILES C AFOSH 6A-1008
HARVEY G A AFOSH 6A-0217	HAUSSLER P AFOSH 67-0556	HAZEN W E AFOSH 6A-2316 AFOSH 6A-2479	HEIMAN S D AFOSH 67-0898
HARVILLE A ARL 6A-0002PV	HAVELUCK M G AFOSH 6A-1658	HAZI A U AFOSH 67-0092 AFOSH 67-2671 AFOSH 6A-1188	HEINEMAN W R AFOSH 6A-0209
HARVILL D A ARL 67-0243V ARL 67-1020A ARL 67-1021A ARL 67-1022A	HAWK N E ARL 67-0084W	HAZUNY D AFOSH 67-0806	HEINS A F AFOSH 67-0131 AFOSH 6A-0013 AFOSH 6A-0018 AFOSH 6A-1618
HARWARD C N AFOSH 67-0007	HAWLEY J J AFOSH 67-0436	HEACOCK R R AFOSH 67-0244 AFOSH 67-0246 AFOSH 67-0247 AFOSH 67-0249 AFOSH 67-0250 AFOSH 67-0251 AFOSH 67-0550 AFOSH 67-0559	HEINTZ R AFOSH 6A-2409
HARBIT M AFOSH 67-1646	HAWLEY N S AFOSH 6A-2647	HEADLEY V B AFOSH 6A-0335	HEINTZ W F AFOSH 67-0988
HARWOOD D AFOSH 6A-0306	HAWLEY S W AFOSH 6A-0223	HEAD H C AFOSH 67-0308	HEINZELMANN G AFOSH 6A-1155
HASAN J AFOSH 67-2267 AFOSH 67-2268	HAY D R AFOSH 67-0014 AFOSH 6A-0413	HEARN A C AFOSH 67-0582	HEITANEN J R ARL 67-0282U
HASERH HEZVI H ARL 67-0080W	HAY E AFOSH 67-0396 AFOSH 6A-2522	HEASLEY L AFOSH 67-2010	HELMING W R B AFOSH 67-2009 AFOSH 67-2258 AFOSH 6A-1583 AFOSH 6A-2428
HASEGAWA A AFOSH 67-0462	HAYCOCK D C AFOSH 67-0532	HECHLER K AFOSH 67-2589	HELOT L A AFOSH 67-036H AFOSH 67-106H
HASEGAWA M AFOSH 6A-0186	HAYCOCK R H AFOSH 67-05H8 AFOSH 6A-0536	HECKER M I AFOSH 67-0499	HELFSON J AFOSH 6A-0197
HASELBERG K V AFOSH 67-0393	HAYDEN H C AFOSH 6A-2062	HECKER S S AFOSH 67-0095	HELLAWELL A AFOSH 6A-2721
HASHIMOTO H AFOSH 6A-2707	HAYES D P AFOSH 67-0170	HEG A Z ARL 67-0144W ARL 67-1145J ARL 6A-0147W ARL 6A-0165W	HELLER D AFOSH 6A-026A
HASHNALL J A AFOSH 6A-1984	HAYES J F AFOSH 6A-2450	HEHENG K AFOSH 67-0275 AFOSH 67-0276 AFOSH 67-0277	HELLIBELL J M AFOSH 67-1876
HASINGER S ARL 67-11890	HAYES T L AFOSH 67-0347 AFOSH 6A-0077	HEIDGE C E AFOSH 67-0314	HELLIVELL R A AFOSH 6A-0219 AFOSH 6A-1009
HASINGER S H ARL 6A-0141V	HAYMAN C AFOSH 67-0864 AFOSH 67-1988 AFOSH 67-1985 AFOSH 67-1993 AFOSH 67-263H AFOSH 6A-1795	HELLMAN W S AFOSH 67-2196 AFOSH 6A-0760	HELISLEY C F AFOSH 67-0852
HASKELL M E AFOSH 67-0325 AFOSH 67-0327 AFOSH 67-052H	HAYMES R C AFOSH 67-0410 AFOSH 67-1095 AFOSH 6A-0486 AFOSH 6A-1150 AFOSH 6A-1151	HEEGEN A J AFOSH 67-1875 AFOSH 67-1876	
		HEFFELFINGER M E ARL 67-0002U ARL 6A-0144W ARL 6A-0166W	

HE-304 4 A
AFCL 67-0001

HE-304 4 G
AFCL 67-0002

HE-304 4 L
AFCL 67-0003
AFCL 67-0004

HE-304 4 Z
AFOSR 67-0005
AFOSR 67-0006

HENDERSON D H
AFOSR 67-0007

HENDERSON J L
AFOSR 67-0008

HENDERSON L D
AFOSR 67-0009
AFOSR 67-0010
AFOSR 67-0011
AFOSR 67-0012
AFOSR 67-0013
AFOSR 67-0014

HENDERSON L S
AFOSR 67-0015

HENDERSON D L
AFOSR 67-0016

HENDERSON H L
AFCL 67-0017

HENDIS J
AFCL 67-0018

HENDIS Y
AFOSR 67-0019

HENDIS H L
AFOSR 67-0020
AFOSR 67-0021
AFOSR 67-0022
AFOSR 67-0023
AFOSR 67-0024

HENDIS H
AFCL 67-0025
AFCL 67-0026
AFCL 67-0027

HENDIS H J
AFCL 67-0028
AFCL 67-0029
AFCL 67-0030
AFCL 67-0031
AFCL 67-0032
AFCL 67-0033
AFCL 67-0034
AFCL 67-0035
AFCL 67-0036
AFCL 67-0037
AFCL 67-0038
AFCL 67-0039
AFCL 67-0040

HENDIS H S
AFCL 67-0041

HENDIS C
AFCL 67-0042

HENDIS G
AFCL 67-0043
AFCL 67-0044
AFCL 67-0045
AFCL 67-0046
AFCL 67-0047

HENDIS G M
AFOSR 67-0048
AFOSR 67-0049
AFOSR 67-0050

HENDIS H M
AFCL 67-0051
AFCL 67-0052

HENDIS H J
AFCL 67-0053

HENDIS H S
AFOSR 67-0054

HENDIS L
AFOSR 67-0055
AFOSR 67-0056

HENDIS J M
AFOSR 67-0057
AFOSR 67-0058
AFOSR 67-0059
AFOSR 67-0060

HENDIS G
AFOSR 67-0061

HENDIS M
AFCL 67-0062

HENDIS W G
AFOSR 67-0063
AFOSR 67-0064

HENDIS A
AFOSR 67-0065

HENDIS F
AFCL 67-0066
AFCL 67-0067
AFCL 67-0068
AFCL 67-0069
AFCL 67-0070
AFCL 67-0071
AFCL 67-0072
AFCL 67-0073
AFCL 67-0074
AFCL 67-0075
AFCL 67-0076
AFCL 67-0077
AFCL 67-0078
AFCL 67-0079
AFCL 67-0080
AFCL 67-0081
AFCL 67-0082
AFCL 67-0083
AFCL 67-0084
AFCL 67-0085
AFCL 67-0086
AFCL 67-0087
AFCL 67-0088
AFCL 67-0089
AFCL 67-0090
AFCL 67-0091
AFCL 67-0092
AFCL 67-0093
AFCL 67-0094
AFCL 67-0095
AFCL 67-0096
AFCL 67-0097
AFCL 67-0098
AFCL 67-0099
AFCL 67-0100

HENDIS J M
AFCL 67-0101

HENDIS H
AFOSR 67-0102

HENDIS G
AFCL 67-0103
AFCL 67-0104

HENDIS G
AFCL 67-0105

HENDIS S
AFOSR 67-0106

HENDIS H
AFOSR 67-0107

HENDIS H C
AFOSR 67-0108
AFOSR 67-0109

HENDIS J S
AFCL 67-0110

HENDIS H M
AFOSR 67-0111

HENDIS J
AFCL 67-0112

HENDIS H
AFOSR 67-0113

HENDIS S
AFOSR 67-0114
AFOSR 67-0115
AFOSR 67-0116
AFOSR 67-0117
AFOSR 67-0118
AFOSR 67-0119

HENDIS J G
AFOSR 67-0120

HENDIS A W
AFOSR 67-0121

HENDIS G
AFOSR 67-0122
AFOSR 67-0123
AFOSR 67-0124
AFOSR 67-0125
AFOSR 67-0126
AFOSR 67-0127
AFOSR 67-0128
AFOSR 67-0129
AFOSR 67-0130
AFOSR 67-0131
AFOSR 67-0132

HENDIS G F
AFCL 67-0133

HENDIS R G
AFOSR 67-0134

HENDIS S J
AFOSR 67-0135

HENDIS F
AFOSR 67-0136
AFOSR 67-0137
AFOSR 67-0138
AFOSR 67-0139
AFOSR 67-0140
AFOSR 67-0141

HENDIS J J
AFOSR 67-0142

HENDIS A
AFCL 67-0143
AFCL 67-0144

HENDIS L
AFCL 67-0145

HENDIS T M
AFCL 67-0146
AFCL 67-0147

HENDIS L D
AFOSR 67-0148
AFOSR 67-0149

HENDIS H M
AFOSR 67-0150

HENDIS V P
AFCL 67-0151
AFCL 67-0152
AFCL 67-0153
AFCL 67-0154
AFCL 67-0155
AFCL 67-0156

HENDIS H
AFOSR 67-0157

HENDIS O
AFOSR 67-0158

HENDIS H M
AFOSR 67-0159

HEYDA J P
AFCL 67-0160
AFCL 67-0161

HEYDENBURG H P
AFOSR 67-0162
AFOSR 67-0163

HEYLEN A E
AFCL 67-0032

HEYLEN A E O
AFCL 67-0033
AFCL 67-0034
AFCL 67-0035

HIBBARD T H
AFCL 67-0036
AFCL 67-0037

HICKOK R L
AFOSR 67-0038
AFOSR 67-0039
AFOSR 67-0040
AFOSR 67-0041

HIELSCHER F H
AFOSR 67-0042

HIGGINS C R
AFCL 67-0043

HIGGINS J E
AFCL 67-0044

HIGH R G
AFOSR 67-0045

HILAB W A
AFOSR 67-0046

HIL Y
AFOSR 67-0047
AFOSR 67-0048

HILBERMAN D
AFCL 67-0049

HILBURN C G JR
AFOSR 67-0050
AFOSR 67-0051
AFOSR 67-0052
AFOSR 67-0053

HILBURN J L
AFCL 67-0054
AFCL 67-0055

HILGARD E H
AFOSR 67-0056
AFOSR 67-0057
AFOSR 67-0058
AFOSR 67-0059
AFOSR 67-0060
AFOSR 67-0061
AFOSR 67-0062

HILL C D
AFOSR 67-0063

HILL J A
AFCL 67-0064

HILL J C
AFOSR 67-0065

HILL R J
AFOSR 67-0066

HILL M M
AFCL 67-0067
AFOSR 67-0068

HILLIER E H
AFOSR 67-0069
AFOSR 67-0070
AFOSR 67-0071
AFOSR 67-0072
AFOSR 67-0073
AFOSR 67-0074

HILTON A S
AFCL 67-0075

HINER P
AFOSR 67-0076

MINNIE L E JV
AFOSR 69-1407

MINNICHSEN P F
AFOSR 67-1215
AFOSR 68-0595

MINYON F L
AFOSR 68-2653

MIKAWATSU K
AFOSR 67-0882

MIKASAWA K
AFOSR 68-0542

MIERSCH A A
AFOSR 67-0350
AFOSR 67-0351
AFOSR 67-0354
AFOSR 67-0433
AFOSR 67-2002
AFOSR 68-0158
AFOSR 68-0164
AFOSR 68-0165
AFOSR 68-0166

MIERSCH P B
AFOSR 67-1158

MIERSCH R
ARL 68-1449M

MIERSCH E A
AFOSR 68-1508

MIRTH J P
ARL 67-0242V

MIRTH W W
ARL 67-0250W
ARL 67-1148D
ARL 67-1149H
ARL 67-1150D
ARL 68-0069U
ARL 63-1142M
ARL 68-1150H

MIRTHER W W
ARL 67-0244W

MISATSUNE I C
AFOSR 67-0540
AFOSR 67-0541

MITCH T F
AFOSR 68-2386

MITSCHFIELD W
AFOSR 67-0627

MIRSON E L
AFOSR 67-1944
AFOSR 68-0879

MJALMARSON A
AFOSR 67-0644

MO C W
AFOSR 68-1239

MO J C
AFOSR 67-0160

MO S Y
AFOSR 67-0637

MOHART R H
AFOSR 68-0413
AFOSR 68-1101
AFOSR 68-1475

MOHBY C R
AFOSR 68-0325

MONSON M C
AFOSR 67-0698

MONSON M C JV
AFOSR 67-0923
AFOSR 67-2472
AFOSR 67-2473
AFOSR 68-1885
AFOSR 68-2774

MOCHLE U T
AFOSR 67-1203

MOCHLE U T
AFOSR 68-0000

MOCKEN H
AFOSR 68-1152

MOCKNEY W B
AFOSR 67-1794
AFOSR 68-1117

MOODY J W
AFOSR 68-0177

MOUGES J L JR
AFOSR 68-0249

MODNETT P F
ARL 68-00 7J
ARL 68-0111

MOEFFDING W
AFOSR 67-0881

HOFF M
ARL 67-0236U
ARL 68-1191B

HOFF M J
AFOSR 67-1981
AFOSR 67-2787
AFOSR 68-0476

HOFFMAN J E JR
AFOSR 67-0049
AFOSR 68-0401

HOFFMAN M L
AFOSR 68-1420

HOFFMAN M Z
AFOSR 68-2405

HOFFMANN H
AFOSR 67-0651

HOFFMEINZ R JR
AFOSR 68-1414

HOGAN J E
AFOSR 68-0014

HOGAN J G
AFOSR 68-0589

HOGFELDT F
AFOSR 67-1292

HUGG R G
AFOSR 67-1757

HUGG R V
AFOSR 67-1012

HUGLUMB G
AFOSR 67-0108
AFOSR 68-0696

HUMPHREY G F
AFOSR 68-0614

MOKFELT T
AFOSR 67-0870

MOKSCH O J JR
ARL 67-10031

MOLNEN M S
ARL 67-0112U
ARL 68-1001B

MOLNEN S I
ARL 67-0272U
ARL 68-0237W
ARL 68-1377B

MOLLANDER G J
AFOSR 67-1488

MOLLIS H L
AFOSR 67-1029

MOLLISTEN D O
ARL 68-1102W

MOLLWEG J V
AFOSR 67-0228
AFOSR 67-0500

MOLN J D
AFOSR 67-1645
AFOSR 67-1654

MOLMAN W J III
AFOSR 68-2550

MOLNES C H
AFOSR 67-0206
AFOSR 68-0187
AFOSR 68-0271

MOLNES J H
AFOSR 68-0069

MOLNES L
AFOSR 68-1462
AFOSR 68-1473
AFOSR 68-2743

MOLNES O A
AFOSR 67-2286
AFOSR 68-0108
AFOSR 68-2105

MOLNSTRIM O
AFOSR 68-1461
AFOSR 68-1470

MOLNSTRIM O
AFOSR 68-1461
AFOSR 68-1470

MOLNSTRIM O
AFOSR 68-1461
AFOSR 68-1470

MOLDEN E
AFOSR 67-0199
AFOSR 67-1308

MOLDENYAK N
AFOSR 67-0056
AFOSR 67-0292

MOLSHOUSEN O F
AFOSR 68-0266

MOLT F S
AFOSR 67-0241
AFOSR 67-0501

MOLTON W C
AFOSR 68-0542
AFOSR 68-0956
AFOSR 68-1876

MOLTZ C D
AFOSR 68-0305

MILVERSON E L
AFOSR 68-0609

MOLYDAK B
AFOSR 67-0261

MOLZMAN M
ARL 68-0203U

MOLZNER B
AFOSR 68-1893

MOMANN P W
AFOSR 68-0492
AFOSR 68-0496

MOMER E D
AFOSR 67-1880
AFOSR 68-0095
AFOSR 68-2188

MONG S K
AFOSR 68-0908

MOMIL M E
AFOSR 67-0451

MOMSRERG U
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MOMSRERG W
AFOSR 67-1078

MORTON G K AFOSR 67-0883 AFOSR 67-0057 AFOSR 67-1651 AFOSR 67-1783 AFOSR 68-0053 AFOSR 68-1506	HOWARD H T AFOSR 68-2889	HUANG H C AFOSR 67-0856 AFOSR 67-1511 AFOSR 67-2452 AFOSR 68-0469 AFOSR 68-1959	AFOSR 68-2309 AFOSR 68-2415
MORTON H D AFOSR 67-1767 AFOSR 68-1266	HOWARD J P AFOSR 68-0366	MULL A J AFOSR 67-1822	
MORTON M H AFOSR 67-1259 AFOSR 67-1269 AFOSR 67-1441 AFOSR 67-1568 AFOSR 68-1194	HOWARD J M AFOSR 67-0830	MULL D G AFOSR 67-1598	
MORTON W S AFOSR 67-0555	HOWARD J N AFOSR 67-0266	MULL G W AFOSR 67-1616	
MORVATH J J AFOSR 68-0383	HOWARD W G AFOSR 68-1171	MULL T E AFOSR 68-0011 AFOSR 68-0712	
MORWITZ G AFOSR 67-1152 AFOSR 68-1047 AFOSR 68-1071 AFOSR 68-1961 AFOSR 68-2452	HOWARTH D W AFOSR 68-0399	MUNERVADEL J L AFOSR 68-0585	
MORWITZ L AFOSR 67-0271 AFOSR 67-0273	HOWE A B AFOSR 68-1607	MUNG H J AFOSR 67-2437	
MORWITZ L B AFOSR 68-2112	HOWE J A H AFOSR 68-1212	MUNT C C AFOSR 67-0204	
MORWITZ L P AFOSR 68-0834 AFOSR 68-2738	HOWELL W C AFOSR 67-2494	MUNT E H AFOSR 68-0818 AFOSR 68-0825 AFOSR 68-0948 AFOSR 68-1299	
MOSMAN J AFOSR 68-2203 AFOSR 68-2554	HOWLAND B AFOSR 67-0671	MUNT R L AFOSR 67-0241	
MOUBOLT J C AFOSR 68-0032	HOWLAND H C AFOSR 67-0871 AFOSR 68-2150	MUNT W E AFOSR 68-0897 AFOSR 68-0904	
MOULT D P AFOSR 67-1626 AFOSR 68-0737 AFOSR 68-1597	HOWLETT P W AFOSR 68-0928	MUNTER D M AFOSR 68-0500	
MOUMINEH Z AFOSR 67-0355 AFOSR 68-0314	HOWLETT L C AFOSR 68-0065 AFOSR 68-0538	HUNTER A M AFOSR 67-0284 AFOSR 68-0424	
MOUSE H D AFOSR 67-1423 AFOSR 67-1427 AFOSR 67-1428 AFOSR 67-1429 AFOSR 67-1431 AFOSR 67-1432 AFOSR 67-1433 AFOSR 67-1434 AFOSR 67-1435 AFOSR 67-2678 AFOSR 67-2679 AFOSR 68-2485 AFOSR 68-2486 AFOSR 68-2487 AFOSR 68-2491 AFOSR 68-2677	HOWSON A C AFOSR 67-1990	HUNTER T F AFOSR 67-0676	
HOUSE R A AFOSR 68-0251V	HOY R H AFOSR 67-1344 AFOSR 68-1691	HUNTER W L AFOSR 68-1041A	
HOUSTON J M AFOSR 68-0058	HOYDYSH W AFOSR 68-0206U	MURKAMP A AFOSR 67-0162	
HOWARD F R AFOSR 67-0015	HOEN J J AFOSR 67-1501	MURST C A AFOSR 67-1479 AFOSR 68-1619	
HOWARD H C AFOSR 67-1188	HSIUNG C C AFOSR 68-1974	MURST R P AFOSR 67-0310 AFOSR 67-0803 AFOSR 67-1556 AFOSR 68-0119 AFOSR 68-2068	
	HSU H AFOSR 68-1440M	MURT N AFOSR 67-2186	
	HSU S E AFOSR 67-1454	MUSAIN S A AFOSR 67-0317 AFOSR 67-1383 AFOSR 68-2474	
	HSU S R AFOSR 67-1935	MWA R C AFOSR 67-0239	
	HU L W AFOSR 67-2836 AFOSR 67-2837 AFOSR 67-2838 AFOSR 67-2839	MWANG C L AFOSR 67-1805 AFOSR 67-2022 AFOSR 68-0598 AFOSR 68-0726	
	HU P N AFOSR 68-0837 AFOSR 68-0845 AFOSR 68-1230 AFOSR 68-2551		
	HU S T AFOSR 67-0249 AFOSR 68-2318		
	HUANG C Y AFOSR 68-1459		
		HUGHES D E AFOSR 68-2298	
		HUGHES L AFOSR 67-0022 AFOSR 68-2777	
		HUGHES P C AFOSR 68-2427	
		HUGHES V W AFOSR 68-1096 AFOSR 68-1844 AFOSR 68-2048	

HYATT J S AFCRL 67-0505	IP J K R AFOSR 68-0700	JACKSON A G ARL 67-0075V ARL 67-0153V ARL 67-1002B ARL 68-0042W ARL 68-0047W ARL 68-0194U ARL 68-0210U ARL 68-0220U ARL 68-0318W ARL 68-1147D ARL 68-1220B ARL 68-1221R ARL 68-1226R	JAMODA G AFOSR 68-1238
HYDE R G AFOSR 67-2710	IPATOYA I P AFOSR 68-0491 AFOSH 68-0423	JACKSON C L AFCML 67-0463	JAIN N C AFOSR 67-1271 AFOSR 67-1858
HYDEN H AFOSR 67-1690 AFOSR 68-0811	IPPEN E P AFOSR 67-0345 AFOSR 68-0083	JACKSON D AFOSR 68-1272 AFOSR 68-1275	JAMISON B H AFOSR 67-185R AFOSH 67-1860
HYDEN A H ARL 68-1207A	ISUAL Z AFOSH 68-0613	JACKSON E K AFOSH 67-0833	JANES U L AFOSR 67-0713
HYDER A K ARL 67-1034A ARL 67-1037A ARL 67-1265L	ISALDI A P AFOSH 67-1104	JACKSON J E AFOSR 67-0569 AFOSR 67-1773	JANES G S AFOSR 68-0348 AFOSR 68-1377 AFOSH 68-1039
HYDER A K JR ARL 67-0111V ARL 67-0168T ARL 67-0182V ARL 68-0012V ARL 68-014RV	IRELAND C Y AFOSH 68-1427 AFOSR 68-2277	JACKSON J P AFCRL 67-0372	JANIS A I ARL 67-0053U
HYGH E H AFOSR 68-0568 AFOSR 68-0541	IRELAND D F AFOSH 67-1499 AFOSR 68-1135	JACKSON M L AFOSR 67-2152 AFOSH 67-2773	JANNONE J AFOSR 67-2000
HYMAN M AFOSR 67-2617	IRELAND F H ARL 67-0102 ARL 67-0103	JACKSON W R AFOSR 68-2300	JANZ G J AFOSR 67-2706
HYMAN J JR AFOSR 67-1142	ISAACSON R A ARL 68-0125V	JACOB J P AFOSR 67-0334 AFOSH 67-0343 AFOSR 67-0346	JANZEN E G AFOSR 67-1283 AFOSR 68-0409 AFOSR 68-2867 AFOSR 68-2868 AFOSH 68-2873 AFOSR 68-2874
IACAVAZZI C ARL 68-1111D	ISACKS H AFCML 68-0162 AFCRL 68-062J	JACOB N AFOSH 67-0012	JARMUZ P J AFOSR 68-1358
IARRA O H AFOSH 68-2104	ISHIDA S AFOSR 67-2239 AFOSH 67-2570 AFOSH 68-2749	JACOBUS J AFOSR 67-0680 AFOSH 67-2624 AFOSH 68-1489 AFOSH 68-1490 AFOSR 68-2497 AFOSR 68-2499	JARRE G AFOSR 68-1744 AFOSR 68-1745 AFOSH 68-1771
IBBERSON V J AFOSH 68-1170 AFOSR 68-1274	ISHIKAWA M AFOSR 67-020R AFOSR 67-2376 AFOSR 67-2377 AFOSH 68-1157	JACOBUS M Q AFOSR 67-2426 AFOSH 68-0161	JARETT S M AFOSH 67-1124
IEDA M AFOSR 67-21R2	ISHIMARU A AFCRL 67-0325 AFCRL 67-0383 AFCML 68-0327 AFCRL 68-0333 AFCRL 68-0433	JACOBUS P F ARL 67-0244W	JASINSKI H AFCRL 68-0492
IGIUNI A AFCRL 67-0493	ISRAEL W ARL 67-1333N	JACOBUS R F AFOSH 67-2300	JASPERSE J R AFCML 67-0165 AFCRL 67-0222 AFCML 67-0673
ITZUKA K AFCRL 68-0040	ITURRIAGA R AFOSR 67-2267 AFOSH 67-2400	JACOBUS R F AFOSH 67-2300	JAUNCEY D L AFOSR 67-2610 AFOSH 68-1025 AFOSR 68-1087 AFOSR 68-200R
INCE W J AFCML 67-0253	IVANOFF D M DHA 67-0004	JACOBUS M C AFCML 67-0612	JAUNZEMIS H AFOSR 68-0109 AFOSR 68-1602 AFOSH 68-2224
INFANTE E F AFOSR 67-2474	IVES D C AFOSR 67-1512	JACOBUS J AFOSR 67-0680 AFOSH 67-2624 AFOSH 68-1489 AFOSH 68-1490 AFOSR 68-2497 AFOSR 68-2499	JAUVTIS H AFCRL 67-0205
INGOLD J M APAL 67-0001	IWASA Y AFOSH 67-0693 AFOSR 67-2250	JACOBUS J AFOSR 67-0680 AFOSH 67-2624 AFOSH 68-1489 AFOSH 68-1490 AFOSR 68-2497 AFOSR 68-2499	JAUVTIS H I AFCRL 67-0204
INKELES A AFOSH 67-2205 AFOSH 67-2206 AFOSR 68-14R7	IBASAKI M AFOSH 67-0275 AFOSR 67-0276	JACOBUS J AFOSR 67-0680 AFOSH 67-2624 AFOSH 68-1489 AFOSH 68-1490 AFOSR 68-2497 AFOSR 68-2499	JAYACHANDRAN K ARL 68-1251A ARL 68-1465A
INMAN M C AFOSR 67-1577 AFOSR 68-265H	IBENS R P AFOSR 67-0748	JAFEE A M AFOSR 67-1557 AFOSH 68-1264	JEANNEROD M AFOSR 67-2560
INNES F R AFCRL 67-0040	JACKEL G S AFOSH 68-1950	JAFEE J M AFCRL 68-0490	JEFFERIES J T AFCRL 68-0295
INSELBERG A AFOSR 68-2400	JACKENDOFF R S AFCML 68-0032	JAMUF J AFOSH 67-0871	JEFFERS W A JR AFOSR 67-1492
INSKEEP W M AFOSR 68-1321	JACKMAN L M AFOSH 67-2760		

JEPPENS W O AFOSR 68-2828 AFOSM 68-2855 AFOSR 68-2865	AFOSR 67-0646 AFOSR 67-2278 AFOSM 67-2281	AFOSR 67-1441	JONES R ARL 68-1371M
JELLY O AFOSM 68-1054	JOHE J D AFOSR 68-1063 AFOSM 68-1128	JOHNSON T H AFOSR 67-2401	JONES R H AFOSR 67-0789 AFOSR 68-1338 AFOSR 68-1541 AFOSM 68-1839
JELSWA L F AFOSR 67-0425	JOHES F C AFOSM 67-0611 AFOSR 67-2211 AFOSM 68-0480	JOHNSTON D D AFOSM 67-2811	JONES R V AFOSR 67-0037 AFOSM 68-0814
JEN N C AFOSR 68-2639	JOHNSON F J AFOSR 67-1283	JOHNSTON J P AFOSR 67-0420 AFOSM 67-2050	JONES R W ARL 68-1166N
JENKINS A E AFOSR 68-1148	JOHNSON J AFOSR 68-2235	JOHNSTON T W AFOSR 67-1400 AFOSR 67-2298 AFOSM 67-2494	JORDAN A K AFOSR 67-0473 AFOSR 68-0037 AFOSR 68-0038 AFOSM 68-0226
JENKINS M AFOSR 68-0251 AFOSR 68-0256 AFOSM 68-2227 AFOSR 68-2240	JOEL M A AFOSR 67-1985	JORDAN P ARL 67-0122U	JORDAN P ARL 67-0122U
JENNINGS D M AFOSR 69-2857	JOHANSSON G AFOSR 67-1310	JORTHEN J AFOSR 68-0111 AFOSR 68-1077 AFOSR 68-2004 AFOSR 68-2391 AFOSR 68-2483 AFOSR 68-2650	JORTHEN J AFOSR 68-0111 AFOSR 68-1077 AFOSR 68-2004 AFOSR 68-2391 AFOSR 68-2483 AFOSR 68-2650
JENNINGS K ARL 68-1047N	JOHN J AFOSM 68-0900	JORTHEN O AFOSR 67-1671	JORTHEN O AFOSR 67-1671
JENNINGS K R ARL 67-1167N	JOHNS M V JR ARL 68-0207U	JOSEF R ARL 68-0108U	JOSEF R ARL 68-0108U
JENSEN B AFOSR 68-0898	JOHNS E C AFOSR 67-2334	JOSHI V M AFOSR 67-2346	JOSHI V M AFOSR 67-2346
JENSEN D C AFOSR 67-0105 AFOSM 67-0135	JOHNSON B AFOSR 67-1961	JOSHUA M AFOSR 68-2495	JOSHUA M AFOSR 68-2495
JENSEN E AFOSR 67-0508	JOHNSON C U AFOSR 68-2763	JOSS W W ARL 68-10008 ARL 68-11128	JOSS W W ARL 68-10008 ARL 68-11128
JENSEN M A AFOSR 67-1875 AFOSM 67-1876	JOHNSON C E AFOSR 68-1844	JOST J M ARL 67-0149U	JOST J M ARL 67-0149U
JERISON M J AFOSR 67-1941 AFOSR 67-1950 AFOSM 67-1951	JOHNSON D E AFOSR 67-1658 ARL 68-0248W	JOST J R ARL 68-0153U	JOST J R ARL 68-0153U
JERNIAKIAN A AFOSR 67-0991	JOHNSON D G AFOSR 67-0502	JOUVET M AFOSR 67-0368 AFOSM 67-0497 AFOSR 67-0498 AFOSR 67-2359 AFOSM 67-2561 AFOSR 67-2562 AFOSR 67-2563 AFOSR 67-2564 AFOSR 68-0523	JOUVET M AFOSR 67-0368 AFOSM 67-0497 AFOSR 67-0498 AFOSR 67-2359 AFOSM 67-2561 AFOSR 67-2562 AFOSR 67-2563 AFOSR 67-2564 AFOSR 68-0523
JERNIGAN R L AFOSR 68-0260 AFOSR 68-1697 AFOSR 68-2077 AFOSM 68-2430	JOHNSON F G ARL 67-1226L ARL 68-1227A	JOUVET-MOUNIER D AFOSR 67-0496	JOUVET-MOUNIER D AFOSR 67-0496
JEROME COHEN J AFOSR 68-0447	JOHNSON J M AFOSR 68-1005 AFOSR 68-1113 AFOSR 68-1134	JU F D AFOSR 68-0891 AFOSR 68-1769 AFOSR 68-2418	JU F D AFOSR 68-0891 AFOSR 68-1769 AFOSR 68-2418
JESSE K E ARL 67-1250C	JOHNSON L R AFOSR 68-1445	JUDD B R AFOSR 68-2247 AFOSM 68-2651	JUDD B R AFOSR 68-2247 AFOSM 68-2651
JETTE A M AFOSR 67-2674 AFOSR 68-0144	JOHNSON M R AFOSR 67-0056	JUGAKU J AFOSR 68-0990	JUGAKU J AFOSR 68-0990
JHA S AFOSR 67-2598	JOHNSON N J AFOSM 67-1896 AFOSM 68-0861	JULA T F AFOSR 68-1864	JULA T F AFOSR 68-1864
JIMENEZ C M AFOSR 68-0377 AFOSM 68-0302	JOHNSON N L AFOSR 67-0406 AFOSM 67-0682 AFOSR 67-0683 AFOSR 68-0793 AFOSR 68-1134	JULIAN B R AFOSR 68-1449	JULIAN B R AFOSR 68-1449
JINDAL R K AFOSR 68-1515	JOHNSON P M AFOSR 68-1761		
JISCHKE M C AFOSR 68-1862	JOHNSON M H AFOSR 68-0382		
JOACHAIN C J AFOSR 67-0047	JOHNSON R W AFOSR 67-1259		

JULIAN G W AFOSR 67-2598	KAISEN G D AFOSR 68-0746	KAPLAN C AFOSR 67-1346	KARVONEN H J AFOSR 67-2267 AFOSR 67-2268 AFOSR 67-2273
JUNG-SEN W AFCHL 68-0274	KAISEN J E AFOSR 68-0989	KAPLAN O E AFCHL 68-0473 AFOSR 67-1972	KASPVICH R S AFCHL 68-0027
JURCH G R JR AFOSH 67-0220	KALAGHAN P M AFCHL 67-0409	KAPLAN J AFCHL 67-0460	KASHIMANA T K AFCHL 67-0317
JURY E I AFOSH 68-1798 AFOSH 68-2310 AFOSR 68-23P3 AFOSR 68-2444 AFOSR 68-2459 AFOSR 68-2539	KALFR J D ARL 68-0294V	KAPLAN K R AFCHL 67-0619	KASHIWAGI Y AFOSR 67-1260 AFOSR 68-0301
JUSTUS C G AFCHL 68-0309	KALLER J H ARL 58-0200V	KAPLAN L M AFOSH 68-1006	KASHY E ARL 68-1094N
KACHAREK A J AFOSR 67-1987	KALLIL R AFOSH 67-1234	KAPLAN M AFOSR 68-0386	KASPER J S AFOSR 68-0342
KACPRZYNSKI J J AFOSR 68-0517	KALLUN G AFOSH 67-1527 AFOSR 67-1539	KAPLAN M G AFOSH 67-0266 AFOSR 67-0886 AFOSH 67-0887 AFOSR 67-1462	KASS S AFOSR 67-0123 AFOSH 68-0875
KACZWARCZYK A AFOSH 68-1726 AFOSR 68-172H	KALLIANPUR G AFOSR 68-281E	KAPRIELIAN Z AFOSR 67-1967	KASSOY D R AFOSH 67-2061 AFOSR 67-2065 AFOSR 68-2825 AFOSR 68-2829
KADO H T AFOSR 67-1051 AFOSR 67-1857 AFOSR 67-18R1 AFOSH 67-2585 AFOSR 68-0833 AFOSR 68-1653 AFOSR 68-2713	KALLICK H AFOSR 68-1584 AFOSR 68-162J	KAHAL F C AFCHL 68-0084	KASTRUP M A AFOSR 67-1192
KAFAPIAN M AFCHL 67-0467	KALMAN R E AFOSH 67-1376 AFOSR 67-1469 AFOSR 67-2388	KAHAL F C JR AFCHL 67-0073 AFCHL 67-0519	KATCHALSKI E AFOSR 67-1208 AFOSR 67-2025
KAGIWADA H AFOSH 68-0423	KALSEH S C AFOSH 67-2105 AFOSR 67-2106 AFOSH 67-2120	KARAS H V AFCHL 67-0132 AFCHL 68-0152	KATCHALSKY A AFOSH 68-0797
KAGIWADA R AFOSR 68-0423	KANATA K AFOSH 68-2858 AFOSR 68-2860 AFOSR 68-2866	KARASZ F E AFOSR 68-2514 AFOSR 68-2515	KATHLEEN C TAYLOR K C AFOSR 68-0655
KAHAN T AFOSR 68-2010	KANEL M M AFOSR 67-1028	KARGE N AFOSR 67-0806	KATO T AFOSR 67-2353 AFOSR 68-0610 AFOSR 68-0650
KAMLE D A AFCHL 67-0420	KAMLET A S AFOSR 67-1815	KARJALA D S AFCHL 67-0192	KATTANAR G W AFCHL 67-0120 AFCHL 67-0421 AFCHL 67-0428 AFCHL 67-0450 AFCHL 67-0569 AFCHL 67-0570 AFCHL 68-0367
KAHN B ARL 67-0009U	KAMMANN R AFUSR 67-2233	KARLIN S AFOSR 67-2851	KATZ G AFOSR 67-0051
KAHN F D AFOSR 68-2037	KAMMERER W AFCHL 67-0633	KARLOVITZ L A AFOSR 68-2785	KATZ H AFOSR 67-1015
KAHN H AFUSR 68-2700	KANAMOKI H AFOSH 67-0879 AFOSR 67-2064	KARLSSON A V AFOSR 68-1540	KATZ S AFOSR 67-2228 AFOSR 67-2723 AFOSR 68-0639
KAHN W ARL 68-0210U	KANE J AFCHL 67-0172	KARNI Z AFOSR 68-1621 AFOSR 68-1703	KATZMAN H 68-1306
KAHN B K AFOSR 67-0232 AFUSR 67-0445 AFOSR 67-0485 AFOSR 67-1791	KANEKO A AFOSR 67-2604 AFOSH 68-2707	KAHNOPP D C AFOSR 68-0242	KAUFMAN F AFCHL 68-0406
KAMNERAN D AFOSH 67-1A26 AFOSR 67-2234	KANEKO T AFOSH 68-2113	KARNS J M L 54L 68-0001	KAUFMAN H AFOSR 67-1330
KAILATH T AFOSH 67-0772 AFOSR 67-1046 AFOSH 67-1048 AFOSR 67-1700 AFOSR 68-0163 AFOSH 68-1973 AFOSH 68-2261	KANG S W ARL 67-0049U	KANP S N AFCHL 67-0073 AFCHL 67-0519 AFCHL 68-0084	KAUFMAN L AFCHL 67-0004 AFCHL 67-0290 AFCHL 67-0325 AFCHL 68-0109
KAISER C AFUSR 68-2170	KANGEDAL H AFCHL 68-0552	KARPLUS M AFOSH 68-0397 AFOSH 68-0398	KAUFMAN L G II ARL 68-0214T
	KANNEWURF C R AFOSH 67-0786	KARPLUS R AFOSH 67-1442	
	KANTON A J AFCHL 67-0232 AFCHL 68-0269 AFCHL 68-0630	KARWER E I AFOSH 67-1919	

KAUFMANN P E AFOSR 67-0075	KELLEN E C JR AFOSH 66-2397 AFOSH 66-232A	KENNAUGH E M AFCLRL 67-0329	KESTENBAUM A AFOSR 67-1817
KAUGARD G AFOSR 67-0079	KELLEN J A AFOSH 67-1901 AFOSR 68-0034	KENNEDY D AFOSR 67-0267	KESTIGIAN M AFCLRL 68-0449
KAURI T AFOSR 67-0105	KELLEN J M AFCLRL 67-0614 AFCLRL 67-0615	KENNEDY D M AFCLRL 68-0846 AFCLRL 68-0864	KESTIN J ARL 67-0290W
KAUTZ W H AFCLRL 67-0463 AFCLRL 68-0002 AFCLRL 68-0008 AFOSR 68-0590	KELLEN M R ARL 68-13880 ARL 68-13940 ARL 68-13950	KENNEDY J E ARL 67-00180	KEVAN L ARL 67-1186N ARL 68-1236A ARL 68-1239N
KAVAN E H AFOSR 67-2107	KELLENMANN K I AFOSR 67-2610 AFOSR 68-2008	KENNEDY U B JR AFCLRL 68-0363	KEVANS C J AFOSR 67-2649 AFOSR 68-0609
KAWAMURA M AFOSR 67-0567 AFOSR 68-2708	KELLEY D M AFOSR 67-2802	KENNEL C F AFOSR 67-0213	KEYORKIAN J AFOSR 67-0782 AFOSR 67-0783 AFOSR 68-0340 AFOSR 68-2797
KAVATRA M P AFOSR 68-0970	KELLEY M J AFOSR 68-1537	KENNEY J F AFCLRL 67-0099	KEYES M AFOSR 68-2705
KAY I W AFCLRL 67-0486	KELLEY M J AFOSH 67-1340	KENNY J J AFOSR 68-1061	KEYSER S J AFCLRL 67-0305 AFCLRL 67-0316 AFCLRL 68-0032
KAYE M AFOSR 68-0462	KELLEY R G AFCLRL 68-0341	KENNY N AFOSR 67-0786	KHARE B N AFOSR 67-2040 AFOSH 67-2041
KAYS T M AFCLRL 67-0224 AFCLRL 68-022	KELLY E F AFCLRL 67-0017	KENT C AFOSR 67-0988 AFOSR 68-0635 AFOSR 68-0636 AFOSR 68-2409	KHOHANA B M AFOSR 67-1772
KAYSEN B J AFOSH 67-0880	KELLY G V AFOSR 67-0975	KEOWN R AFOSR 68-2856	KIANG Y C AFCLRL 67-0196
KEER L M AFOSR 67-1908 AFOSR 68-2289	KELLY M AFOSH 67-2105	KELDES J J ARL 68-0312V ARL 68-1198L ARL 68-1203A ARL 68-1345A ARL 68-14588	KIDBLE H P AFOSR 67-0660 AFOSR 67-1129 AFOSR 67-2675 AFOSR 68-0162 AFOSR 68-1767
KEFFER P AFOSH 68-0802	KELLY T W AFCLRL 68-0097	KERER G AFOSR 67-0151	KIDBLE T W B AFOSR 67-0472 AFOSR 67-1599 AFOSR 67-1750
KEGEL G M R AFCLRL 67-0227 AFCLRL 67-0595 AFCLRL 67-0596	KELMAN H AFOSR 68-2164	KERNWETS N P AFCLRL 67-0142	KICE J L AFOSR 67-0031 AFOSR 67-0074 AFOSR 67-0075 AFOSR 67-0117 AFOSR 67-0247 AFOSR 67-1614 AFOSR 67-2010 AFOSR 67-2192 AFOSR 68-0711 AFOSR 68-2069
KEILY D P AFCLRL 68-0410	KELMAN H C AFOSR 68-1425	KERR A D AFCLRL 67-0345 AFCLRL 67-0611 AFOSR 67-1398 AFOSR 67-1588 AFOSH 67-2794 AFOSR 68-0153 AFOSR 68-2419	KIDDER J M AFOSR 67-1709 AFOSR 68-0159
KEIR R A AFOSR 68-1520	KELVINGTON E AFOSR 67-2105	KERR J A AFOSR 67-2043	KIEDURTZ B R AFCLRL 67-0440
KEITER R L AFOSR 67-1424 AFOSH 67-1613	KEMP J C AFOSR 68-0451 AFOSH 68-1703 AFOSH 68-1706	KERN D E AFCLRL 68-0052	KIEDURTZ R H AFCLRL 67-0389
KEITH J E AFOSH 68-0716	KEMP M B AFOSR 67-1034	KERN P F AFCLRL 67-0234	KIEBURTZ R H AFCLRL 67-0389
KEITH J M AFOSR 67-1991	KEMPNER J AFOSR 67-0931 AFOSR 67-2067 AFOSH 67-2583	KERWIN W J AFOSR 68-0942	KIEFER M AFOSR 67-0219 AFOSR 67-0459 AFOSR 68-0636
KELEHEN J AFOSR 67-1417 AFOSR 68-1988	KENAN H P AFOSH 67-0082 AFOSR 68-0414 AFOSH 68-0855	KESLER O D AFOSR 67-1406	KIEFFER P C ARL 67-0046T
KELLEHER R F AFCLRL 68-0474	KENDALL P C AFCLRL 68-0172 AFCLRL 68-0645	KESSEL U C AFOSH 67-1137 AFOSR 67-1138	KIEMLE AFOSR 67-2800
KELLEN P AFCLRL 67-0117	KENDZIGSKI F A ARL 67-1034A	KESSEMEYER H AFOSH 67-1416	
KELLER C ARL 67-1258L	KENSMEYER T J AFCLRL 67-0221		
KELLER C L ARL 68-1279L ARL 68-1281L	KENIG M J AFOSR 67-0655 AFOSH 67-2447		

KIER R J AFOSR 67-0809	KING E H AFOSH 67-0316	KINKPATRICK H A AFOSR 68-2722	KLEINSTEIN G AFOSR 67-2166 ARL 67-0880U ARL 67-0286W ARL 68-0141U
KIESL W AFOSH 68-1499	KING J T AFCL 68-0198	KIRN J P AFOSR 67-1892	KLEMENS P G AFCL 67-0017
KIEWIT D A AFOSR 67-1183 AFOSR 68-0800	KING J M AFOSR 68-2854	KIRSCH K E AFOSR 67-1891	KLEMPNER E M AFOSR 68-0437
KIMMWA D H ARL 68-0019U	KING D C AFCL 67-0413	KISSELMAN C D AFOSH 67-0264	KLINE S J AFOSR 67-0420 AFOSR 67-0608 AFOSR 67-2047 AFOSR 68-0093 AFOSR 68-0383 AFOSR 68-0648
KILINSKI RICHARD S AFCL 67-0154	KING M H AFOSH 67-0598 AFOSH 67-0899 AFOSR 67-0600 AFOSR 67-0601 AFOSR 67-0602 AFOSR 67-0603 AFOSR 67-0604 AFOSR 67-1573 AFOSR 67-1601 AFOSR 68-0343 AFOSR 68-0687 AFOSR 68-0691 AFOSR 68-0692 AFOSR 68-0693 AFOSR 68-1709 AFOSR 68-1710 AFOSR 68-1711 AFOSR 68-1712	KISSELL K E ARL 67-1067A ARL 67-1068C ARL 67-1099A ARL 67-1099A ARL 67-1325A ARL 67-1386A ARL 68-1344A	KLINEBENG J M AFOSH 67-2448 AFOSR 68-1869
KILMER V L AFOSH 67-0928 AFOSR 68-0217 AFOSR 68-2187 AFOSR 68-2310 AFOSR 68-2603 AFOSR 68-2642		KITCHENS T A AFOSH 68-0020	KLOCHIKHIN A A AFOSR 68-0923
KIM D J AFOSH 67-1841 AFOSR 68-0021 AFOSR 68-0589 AFOSR 68-1023 AFOSR 68-1457		KIWAN A W AFOSH 67-0146	KLOP M AFOSR 67-1236
KIM H AFOSR 68-1628	KING R C AFOSR 68-1582	KJAER A AFOSR 68-1790	KLOPMAN G AFOSR 67-1733
KIM H T AFOSR 68-0383	KING R W P AFCL 67-0404 AFCL 67-0667	KJELDAAS T JR AFOSR 68-0644	KLOSE D W AFCL 67-0432
KIM J S AFOSR 67-1670	KING V V S AFOSR 67-0954 AFOSR 67-0963	KLAMM C F JR AFOSR 67-0773	KLOSNER J M AFOSR 68-1850
KIM K C AFOSR 68-2148	KING W F III AFCL 67-0516	KLASSEN D W AFOSH 67-2632 AFOSR 68-0027 AFOSH 68-1576	KLUGE R A AFOSH 68-2514
KIM K S AFCL 67-0259 AFCL 67-0465	KING W J AFCL 67-0123	KLATT M H AFCL 68-0446 AFCL 68-0605	KLUIBER R W AFOSR 67-0234
KIM Y B AFOSH 67-1741	KINGSTON D L ARL 67-1284A ARL 68-0233V ARL 68-0290V ARL 68-0300 ARL 68-1479A	KLAUSNER S Z AFOSR 67-0392	KNAAP H F D AFOSR 68-0660
KIM Y C AFOSR 68-0470 AFOSR 68-1551 AFOSR 68-1958	KINKEAD W K AFCL 67-0474 AFCL 68-0038	KLAYMAN C S AFCL 68-0332	KNAPP A W AFOSR 67-0263 AFOSR 67-2177
KIM Y V AFOSR 67-2341 AFOSR 68-1930	KINNARD K ARL 68-1134N	KLEF V AFOSR 68-2435	KNAPP D O AFOSR 68-1803
KIMBLE D P AFOSR 68-2208	KINSEY R R AFCL 67-0337 AFCL 68-0254	KLEIN M L AFOSR 68-0052	KNAPP G S AFOSR 67-1532 AFOSR 67-1678 AFOSR 67-2660
KIMEL S AFCL 67-0641 AFCL 68-0490	KINSLOW W C ARL 67-0102	KLEIN S AFOSR 67-0255	KNIEPER P J AFOSR 68-0726
KIMERLING L C ARL 68-1157N	KINOSKY T E AFOSR 67-0089 AFOSR 67-0090 AFOSR 67-0091 AFOSR 67-1850	KLEINERT H AFOSR 67-1746 AFOSR 67-2091 AFOSR 67-2113 AFOSR 67-2134 AFOSR 67-2148 AFOSR 67-2203 AFOSR 67-2204 AFOSR 68-0725	KNIGHTLY G W AFOSR 68-2051
KINARIBALA M K AFOSR 68-2085	KIRCHNER E K AFCL 67-0164	KLEINMAN L AFOSR 67-2425 AFOSR 67-2504 AFOSR 67-2770 AFOSR 68-0401 AFOSR 68-0874	KNEDEN C AFOSR 67-0023
KINDLEY V R AFOSR 68-1322	KIRCHOFF W L AFOSR 68-113R	KLEINMAN R E AFCL 67-0360	KNOFER M C AFOSH 68-2411
KINDLMANN P J AFOSR 67-0309 AFOSR 67-2617 AFOSR 68-1041	KIRK J C ARL 67-1144J	KLEINHOCK L AFOSR 67-0735	KNOHL U AFOSR 68-1155
KINEVKO V R AFOSR 68-0254	KIRK R AFCL 67-0316		KNOX R S AFOSR 67-0745 AFOSR 68-1561
KING C T AFOSR 68-1451			KNOTSON J W JR AFOSR 67-2629 AFOSR 67-2663
			KNYSTAUTAS E J AFOSR 68-2062

KID M C AFCL 67-0226 AFCL 67-0248 AFCL 67-0184 AFCL 67-0558	KUHN P C AFCS 68-1965 AFCS 68-2071	KOENIGMAN V AFOSH 67-2283	KOTZ S AFOSH 67-0456 AFOSH 68-0793 AFOSH 68-0849 AFOSH 68-2182
KOBE D M AFOSH 67-1244 AFOSH 67-1281 AFOSH 68-1069 AFOSH 68-1130	KOKKONER J J J AFOSH 67-0273	KOHFF S A AFCL 68-0006	KOUNIAS P AFOSH 67-0387 AFOSH 68-1102
KOHES W AFUSH 67-0425 AFOSH 67-1454	KOLINSKA J AFOSH 68-0194 AFOSH 69-0195	KORIEGI M M ARL 67-0223T ARL 67-1063L ARL 68-0028T ARL 68-0054V ARL 68-0080V ARL 68-0093V ARL 68-0099T ARL 68-0214T ARL 68-1107A	KOVACH R L AFOSH 67-2108 AFOSH 67-2888
KOCH F M AFOSH 67-1679 AFOSH 68-1072 AFOSH 68-1873	KOLLER A AFOSH 67-0770	KOVALIK J M AFCL 68-0176	KOZONORICKI E W AFOSH 68-0038
KOCH K R AFCL 67-0306 AFCL 67-0818 AFCL 68-0158 AFCL 68-0163 AFCL 68-0168	KOLLEN K AFOSH 67-163P	KRAMER R AFOSH 67-2324 AFOSH 67-2340	KRAMBECK P J AFOSH 67-2828 AFOSH 68-0639
KOCHEN M AFOSH 68-1301 AFOSH 68-1343	KOLMAN U AFCL 67-0243	KRAEMER R AFOSH 67-2324 AFOSH 67-2340	KRAMEN F A AFOSH 67-1426
KOCHEHA J W AFML 67-0082	KOLOUCH M J AFCL 67-0369	KRAJACINOVIC D P AFOSH 68-0753	KRAMER I R AFOSH 68-0371
KOCHI J K AFOSH 67-0396 AFOSH 68-2300 AFOSH 68-2510 AFOSH 68-2511 AFOSH 68-2522	KOLTHOFF I M AFOSH 67-0218 AFOSH 67-0225 AFOSH 67-1026 AFOSH 67-1204 AFOSH 67-1685 AFOSH 67-2166 AFOSH 67-2853 AFOSH 68-1695 AFOSH 68-1713 AFOSH 68-2210	KRAUS J D AFCL 67-0242	KRAUSE L AFOSH 67-0017 AFOSH 67-0660 AFOSH 67-1129 AFOSH 67-1144 AFOSH 67-2284 AFOSH 67-2609 AFOSH 67-2637 AFOSH 67-2675 AFOSH 68-0162 AFOSH 68-1073 AFOSH 68-1123 AFOSH 68-1768 AFOSH 68-1843
KOCK M AFML 68-0044	KONAN A AFOSH 67-0147 AFOSH 67-1021 AFOSH 68-0447 AFOSH 68-1978	KRAUSE M F JR AFOSH 68-1262	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970
KODA T ARL 67-1286A ARL 68-0059V ARL 68-1351A ARL 68-1375A ARL 68-1484A	KONANDEUR J AFCL 67-0254	KRAUSE M F JR AFOSH 68-1262	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970
KOEHLER L E AFCL 67-0608	KONY S AFOSH 67-0700	KRAUSE L AFOSH 67-0017 AFOSH 67-0660 AFOSH 67-1129 AFOSH 67-1144 AFOSH 67-2284 AFOSH 67-2609 AFOSH 67-2637 AFOSH 67-2675 AFOSH 68-0162 AFOSH 68-1073 AFOSH 68-1123 AFOSH 68-1768 AFOSH 68-1843	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970
KOELROED D AFOSH 67-2198	KONNEN A G AFOSH 68-0947 AFOSH 68-1318	KRAUSE L AFOSH 67-0017 AFOSH 67-0660 AFOSH 67-1129 AFOSH 67-1144 AFOSH 67-2284 AFOSH 67-2609 AFOSH 67-2637 AFOSH 67-2675 AFOSH 68-0162 AFOSH 68-1073 AFOSH 68-1123 AFOSH 68-1768 AFOSH 68-1843	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970
KOELLA W P AFOSH 67-1254	KONERT J M AFOSH 68-2483	KRAUSE L AFOSH 67-0017 AFOSH 67-0660 AFOSH 67-1129 AFOSH 67-1144 AFOSH 67-2284 AFOSH 67-2609 AFOSH 67-2637 AFOSH 67-2675 AFOSH 68-0162 AFOSH 68-1073 AFOSH 68-1123 AFOSH 68-1768 AFOSH 68-1843	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970
KOFFMAN D M AFCL 67-0599	KONNU K AFOSH 67-2520	KRAUSE L AFOSH 67-0017 AFOSH 67-0660 AFOSH 67-1129 AFOSH 67-1144 AFOSH 67-2284 AFOSH 67-2609 AFOSH 67-2637 AFOSH 67-2675 AFOSH 68-0162 AFOSH 68-1073 AFOSH 68-1123 AFOSH 68-1768 AFOSH 68-1843	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970
KOFFMAN E B AFOSH 68-0514	KONRAD T G AFCL 67-0127	KRAUSE L AFOSH 67-0017 AFOSH 67-0660 AFOSH 67-1129 AFOSH 67-1144 AFOSH 67-2284 AFOSH 67-2609 AFOSH 67-2637 AFOSH 67-2675 AFOSH 68-0162 AFOSH 68-1073 AFOSH 68-1123 AFOSH 68-1768 AFOSH 68-1843	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970
KOFKY I L AFCL 67-0354 AFCL 67-0372	KOPAL Z AFCL 68-0073	KRAUSE L AFOSH 67-0017 AFOSH 67-0660 AFOSH 67-1129 AFOSH 67-1144 AFOSH 67-2284 AFOSH 67-2609 AFOSH 67-2637 AFOSH 67-2675 AFOSH 68-0162 AFOSH 68-1073 AFOSH 68-1123 AFOSH 68-1768 AFOSH 68-1843	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970
KOGA T RAD 67-0365	KOPLIK M AFOSH 67-1492 AFOSH 67-2254 AFOSH 67-2384	KRAUSE L AFOSH 67-0017 AFOSH 67-0660 AFOSH 67-1129 AFOSH 67-1144 AFOSH 67-2284 AFOSH 67-2609 AFOSH 67-2637 AFOSH 67-2675 AFOSH 68-0162 AFOSH 68-1073 AFOSH 68-1123 AFOSH 68-1768 AFOSH 68-1843	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970
KOHANE T AFCL 68-0467	KOPP C V AFOSH 67-2713	KRAUSE L AFOSH 67-0017 AFOSH 67-0660 AFOSH 67-1129 AFOSH 67-1144 AFOSH 67-2284 AFOSH 67-2609 AFOSH 67-2637 AFOSH 67-2675 AFOSH 68-0162 AFOSH 68-1073 AFOSH 68-1123 AFOSH 68-1768 AFOSH 68-1843	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970
KIHL D A AFOSH 68-0210	KOPP R A AFCL 68-0312	KRAUSE L AFOSH 67-0017 AFOSH 67-0660 AFOSH 67-1129 AFOSH 67-1144 AFOSH 67-2284 AFOSH 67-2609 AFOSH 67-2637 AFOSH 67-2675 AFOSH 68-0162 AFOSH 68-1073 AFOSH 68-1123 AFOSH 68-1768 AFOSH 68-1843	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970
KOHLMEYER I AFOSH 67-1120	KOPP W F AFOSH 67-1340 AFOSH 67-1377 AFOSH 67-1578 AFOSH 68-1030	KRAUSE L AFOSH 67-0017 AFOSH 67-0660 AFOSH 67-1129 AFOSH 67-1144 AFOSH 67-2284 AFOSH 67-2609 AFOSH 67-2637 AFOSH 67-2675 AFOSH 68-0162 AFOSH 68-1073 AFOSH 68-1123 AFOSH 68-1768 AFOSH 68-1843	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970
KOHM J J AFOSH 68-2657		KRAUSE L AFOSH 67-0017 AFOSH 67-0660 AFOSH 67-1129 AFOSH 67-1144 AFOSH 67-2284 AFOSH 67-2609 AFOSH 67-2637 AFOSH 67-2675 AFOSH 68-0162 AFOSH 68-1073 AFOSH 68-1123 AFOSH 68-1768 AFOSH 68-1843	KREITHMAN G AFOSH 67-0469 AFOSH 67-0970

KRETSCHMER C A AFOSH 64-1724 ARL 67-13024	KROEGER F ARL 66-0005U	KUEHL M H AFOSR 67-0432	KUNTZ T G AFOSR 68-2600
KREY R ARL 66-115JW	KROEGER F B ARL 67-11984 ARL 67-12190	KUGFLMAS S AFOSR 67-0530 AFOSR 67-1321 AFOSH 68-2171	KUHUSNOGLU B AFOSR 67-1310
KREY R U ARL 66-0103U	KROFT D AFCHL 66-0063	KUGLIN C D AFCHL 67-0169 ARL 66-0244W ARL 66-1410B	KUNZ J L AFOSH 68-1298
KRICK M S AFOSR 67-0949	KROGER F A AFOSH 67-0011 AFOSH 67-1091	KUH E S AFOSR 67-0333	KUNZ L AFCHL 67-0432
KRIEGER A S AFOSR 68-0179	KROIN J S AFOSH 66-2322	KUH L V AFOSH 67-0623 AFOSR 67-2200	KUSCH P AFOSR 68-0830 AFOSH 68-1328
KRIER H AFOSR 67-1535 AFOSR 68-1792	KROMMINGA A J AFOSH 67-2308	KUHL L AFCHL 66-0437	KUSENBERGER F M AFOSR 67-1288 AFOSR 68-1162
KRIKORIAN F AFAL 67-0139 AFCHL 66-0384	KRONZON Y ARL 66-0155W	KUJAWSKI A AFOSR 67-1779 AFOSR 68-1086	KUSHNER H J AFOSR 67-1278 AFOSH 67-1352 AFOSH 67-2178 AFOSR 67-2702 AFOSR 68-0160
KRIKORIAN J S JW RADC 67-0030	KROPP J L ARL 67-11734	KULLUACK S AFOSH 67-0874 AFOSR 67-0998 AFOSR 67-1205 AFOSR 67-1250 AFOSR 67-1473 AFOSR 68-1427 AFOSR 68-2239 AFOSH 68-2277 AFOSR 68-2743	KUSNEZOV N AFCHL 67-0307
KRIKORIAN F C AFOSH 67-1009	KROPP W H AFOSR 66-0830	KULP M A ARL 67-0090V ARL 67-0143V ARL 67-0177V ARL 67-0201V ARL 67-1299A ARL 67-1323K ARL 67-1339B ARL 68-0295V	KUZMA O C AFOSH 67-0324
KRISHNAIAH P ARL 67 1027A	KRUEGER T ARL 67-1061C	KULJ J L AFCHL 67-0224	KVIFTE G J AFOSR 67-2531 AFOSH 68-2756
KRISHNAIAH P H ARL 67-0044T ARL 67-0080V ARL 67-0117V ARL 67-0156T ARL 67-0206V ARL 67-1025A ARL 67-1026A ARL 67-1028A ARL 67-1271E ARL 66-0169V ARL 68-0282V ARL 68-1249A ARL 68-1250A ARL 68-1251A ARL 68-1263A ARL 68-1264A ARL 68-1404A ARL 68-1405A ARL 68-1406A ARL 68-1407A ARL 68-1408A	KRUEGER T K ARL 67-0014T ARL 67-0043V ARL 67-0125T ARL 66-0026T ARL 68-0269V	KULS J R M AFOSR 68-1903	KWAN S C AFCHL 68-0181
KRISHNAMURTI T N AFCHL 67-0128 AFCHL 68-0453 AFCHL 68-0541	KRUEGER W R AFOSR 68-0513	KUNIG H AFOSH 67-2106	KWIATEK J AFOSH 66-0503 AFOSR 68-1882
KRISHNAN V AFOSR 67-0463	KRUGEN C H AFOSR 68-0625 AFOSH 68-0859	KUNZ A B AFOSH 68-0701 AFOSH 68-1504	KYLE T G AFCHL 68-0105 AFCHL 68-0334 AFCHL 68-0521
KRISTENSEN A AFOSR 67-2264	KRUSKAL D AFOSH 68-1108	KUNZ F F AFOSR 68-2085	KYSER O F AFOSR 67-0453 AFOSR 67-1391 AFOSR 67-1657 AFOSR 67-2830
KRISTIANSEN M AFOSR 67-0229 AFOSR 67-0817 AFOSR 67-1364 AFOSR 67-2496	KRUSKAL M D AFOSR 67-0325 AFOSR 68-1021 AFOSH 68-2381	KUNZ J T AFCHL 67-0022	L ECUYER J AFOSR 67-0658
KRISTIANSSON K AFOSR 67-1284	KRUSKAL M D AFOSR 67-0325 AFOSR 68-1021 AFOSH 68-2381	KUD Y L AFOSR 67-0718	LA POINTE M AFOSR 68-0184 AFOSR 68-0185 AFOSR 68-2866
KRISTINSSON M AFOSR 68-0257 AFOSR 68-0258 AFOSR 68-2854	KRUSKAL M D AFOSR 67-0325 AFOSR 68-1021 AFOSH 68-2381	KUPFERMAN H A AFCHL 67-0103	LA POINTE M H AFOSH 68-2860
KRITZ A ARL 67-0103U	KRUSKAL M D AFOSR 67-0325 AFOSR 68-1021 AFOSH 68-2381	KURFESS J D AFOSH 68-0486 AFOSH 68-1150 AFOSR 68-1151	LAHES M H AFOSR 67-0972 AFOSR 67-0973 AFOSH 67-0974
KRITZ A H AFOSR 67-0067 ARL 67-0150U ARL 67-0151U ARL 68-0136U	KRUSKAL M D AFOSR 67-0325 AFOSR 68-1021 AFOSH 68-2381	KURUNOGLU B AFOSH 67-0285 AFOSH 67-1479 AFOSR 68-1049 AFOSH 68-1619	LACKNER K AFOSR 67-2073 AFOSH 68-2830
	KUCK G A AFCHL 67-0461 AFCHL 68-0399	KUNFIN S AFOSH 67-1681	LAO A AFOSR 67-1204
	KUDAK O H AFOSH 67-1437		LAGENCRANTZ M AFOSR 68-2727
			LAGRONE A H AFOSR 67-0820

AFOSR 67-0929 AFOSR 67-0923 AFOSH 67-1341	LANDAU D M AFOSR 68-0998	LANTE N F AFOSR 68-0038	LATHIRAL G AFOSR 67-0187
LAMA R G AFOSR 67-1469	LANDI S S AFOSR 68-2507	LANZETTA J T AFOSR 68-2324	LATTERELL J J AFOSR 67-2653
LAI J L AFOSR 67-1011	LANDIS H S AFOSR 68-0875	LAPEYNE G J AFOSR 68-0920	LAU-PO HU S AFOSR 68-0317
LAI S T AFOSR 68-0810	LANDISHAN M AFOSR 67-0291 AFOSR 68-1429	LAPORTE D AFOSR 67-2341 AFOSR 68-1930	LAUF H AFOSR 67-1975
LAINIOTIS D G AFOSR 67-1546 AFOSR 67-1809 AFOSR 68-1819 AFOSR 68-1919 AFOSR 68-2032 AFOSR 68-2347 AFOSR 68-2541	LANDMARK D AFOSR 67-0282	LAPPERT M F AFOSR 68-1528	LAUFH M C AFOSR 67-1988 AFOSR 68-0763
LALONDE L M AFOSR 67-0403	LANDSBURG D T AFOSR 67-0163	LARFONS D AFOSR 68-0016 AFOSR 68-0423	LAUFER M H AFOSR 68-0512
LALOR F AFOSR 68-2806	LANDSHOFF H V AFOSR 67-0070 AFOSR 67-0338 AFOSR 67-0329 AFOSR 67-1637	LANG E D R AFOSR 68-0031	LAUGHLIN H AFOSR 68-2273
LAM J AFOSR 67-1867	LANUSTREY J D AFOSR 67-1147	LAURIN D M AFOSR 68-1928	LAURENT A E AFOSR 68-2746
LAMB W E JR AFOSR 67-1221 AFOSR 67-1222 AFOSR 68-0117 AFOSR 68-1097 AFOSR 68-1105 AFOSR 68-1106 AFOSR 68-1978 AFOSR 68-2309	LANDSTROM J K ARL 68-0164W	LAWABEE J C AFOSR 67-0109	LAURIN H V AFOSR 68-2127 AFOSR 68-2128
LAMBERT J G AFOSR 67-2807 AFOSR 67-2932	LANE A M AFOSR 67-0849 AFOSR 68-0995	LAWSON C D AFOSR 67-0135 AFOSR 67-1933	LAUHMANN J A AFOSR 67-1936 AFOSR 68-0742
LAMBERT J L AFOSR 67-1024	LANFORD D AFOSR 67-1559	LARSON C W AFOSR 68-1967	LAVALLE R AFOSR 68-1423
LAHMERS K M ARL 68-0254V ARL 68-1455I	LANFORD D E AFOSR 67-1560	LARSON R G AFOSR 67-0996 AFOSR 67-1090 AFOSR 68-0302	LAVAN Z ARL 68-0173U
LAHMERS J H W AFOSR 67-0368	LANG E J N AFOSR 67-1762	LAHSSIN K AFOSR 67-0866 AFOSR 67-0869	LAVENTY J L AFOSR 68-1910
LAMPARD D G AFOSR 68-0089	LANG E M C ARL 68-1343A	LAHSSIN S AFOSR 68-2570	LAW S L AFOSR 68-1781
LAMPE M AFOSR 68-2492	LANG E Y AFOSR 68-2480	LASALLE J P AFOSR 67-0841 AFOSR 67-1084 AFOSR 68-0307 AFOSR 68-0767	LAWLER R G AFOSR 68-0397 AFOSR 68-0398
LAMPORT C R AFOSR 67-0509 AFOSR 68-0288	LANGER D ARL 67-1284A ARL 68-1351A ARL 68-1478A	LASALLE H A AFOSR 68-1384	LAWLESS E W ARL 67-0134
LANCASTER J E AFOSR 68-2747	LANGER D S ARL 67-0037V	LASALLE H A AFOSR 68-1384	LAWRENCE T R AFOSR 67-0593
LANCZOS C AFOSR 68-0331	LANGER D W ARL 68-0054V ARL 68-0226V ARL 68-0296V ARL 68-0306V ARL 68-1375A ARL 68-1387A ARL 68-1477A ARL 68-1486A	LASCANO C AFOSR 68-2762	LAWSON A M AFOSR 67-0036 AFOSR 67-0110
LAND P L ARL 67-1337A ARL 67-1341A ARL 68-1017A ARL 68-1173A ARL 68-1187A ARL 68-1190H ARL 68-1370A	LANGER D W J ARL 67-0073V	LASHINSKY M AFOSR 67-0495 AFOSR 68-2126	LAWSON C L AFOSR 68-1160
LANDAU H D AFOSR 67-0422	LANGFORD C M AFOSR 67-0663 AFOSR 67-0729 AFOSR 67-1687 AFOSR 67-2387 AFOSR 67-2826 AFOSR 68-0174 AFOSR 68-2675 AFOSR 68-2809	LASHINSKY T AFOSR 68-1248	LAWSON J R AFOSR 67-0434
LANDAU H T AFOSR 67-1166 AFOSR 67-1400 AFOSR 68-1402 AFOSR 68-2821	LANGHOFF P W AFOSR 67-0310	LASSITHE E N AFOSR 67-0193 AFOSR 67-0194 AFOSR 68-2107 AFOSR 68-2594	LAWSON M D ARL 67-1071A ARL 67-1077A ARL 67-11890 ARL 68-1364A ARL 68-1391K ARL 68-13930 ARL 68-1396C
	LANGUARD A AFOSR 67-0318	LASTER S J AFOSR 67-1201 AFOSR 67-2090	LAWSON O ARL 67-1076A
		LASZLO T S AFOSR 67-1139	LANTON J ARL 68-0118T
		LATHAM A A AFOSR 67-2679	LAX H AFOSR 67-0155 AFOSR 67-0171 AFOSR 67-0212 AFOSR 67-0522
		LATHAM H W AFOSR 67-2696	

AFOSH 67-0890 AFOSH 67-1126 AFOSH 67-2281 AFOSH 67-2372 AFOSH 68-0178 AFOSH 68-0334	AFN 68-1475A	LEHMANN G W AFOSH 67-2830	LFVENTHAL M AFOSH 67-1821 AFOSH 67-1822 AFOSH 67-2326
LAR P D AFOSH 67-2850 AFOSH 68-2656	LEE E H AFOSH 67-1456 AFOSH 68-0068 AFOSH 68-0308	LEHMANN J AFOSH 67-0143 AFOSH 67-2858	LEVER R P AFOSH 67-0808 AFOSH 68-0953
LAYTON J K AFOSH 68-2100	LEE F S AFOSH 67-1885 AFOSH 68-2407 AFOSH 68-2417	LEHMUEG H H AFOSH 67-0648	LEVY L AFOSH 67-1734
LAYTON R AFOSH 67-2827	LEE F T P AFOSH 67-1958 AFOSH 67-26466	LEHNER F C AFOSH 67-0676	LEVI SETTI R AFOSH 67-0782
LAZAR A J AFOSH 69-0248	LEE F C ARL 67-0210U	LEIMA E AFOSH 68-0237	LEVIALDI S AFOSH 67-1636
LAZARUS D AFOSH 67-1171	LEE F D ARL 67-1035A ARL 67-1036A ARL 67-1039A ARL 68-0030V ARL 68-0045V ARL 68-0188V ARL 68-0190V ARL 68-1206A ARL 68-1212A	LEIDENHORST R AFOSH 67-2551	LEVIN S A AFOSH 68-2756
LE TOLLECC R ARL 68-0016U ARL 68-0281U	LEE H S AFOSH 68-0240	LEIFER L AFOSH 67-1292	LEVINE L AFOSH 67-1818
LEA K R AFOSH 67-1221 AFOSH 67-1222 AFOSH 67-2328	LEE J R AFOSH 68-0357	LEITHEG Y J AFOSH 68-2448 AFOSH 68-2443	LEVINE L S AFOSH 68-0023 AFOSH 68-0228 AFOSH 68-2632
LEADEN E AFOSH 67-2700	LEE J D ARL 68-0004U ARL 68-0071U ARL 68-0131U ARL 68-1134U	LEITH F A AFOSH 67-0123	LEVINE M A AFOSH 68-0140
LEADON R AFOSH 67-1114W	LEE J P ARL 67-1220U ARL 67-1221U ARL 67-1222U	LENNEN J AFOSH 67-1873 AFOSH 67-2185 AFOSH 67-2509	LEVINE M J AFOSH 68-2420
LEADON D F AFOSH 68-1167	LEE J S AFOSH 67-0840 AFOSH 67-1436 AFOSH 67-1437	LENNON J AFOSH 67-0740	LEVINE S M AFOSH 67-1114
LEAH E G P AFOSH 67-1114 AFOSH 67-1117	LEE K AFOSH 67-1547	LENNON J AFOSH 67-0740	LEVINSKY J AFOSH 67-0130 AFOSH 67-0132
LEADWITZ M G AFOSH 67-2474 AFOSH 67-2554	LEE M AFOSH 67-2043	LENNON J AFOSH 67-0740	LEVINSKY J AFOSH 67-0130 AFOSH 67-0132
LEADWITZ J L AFOSH 67-1267 AFOSH 67-1268 AFOSH 67-1269 AFOSH 67-1270 AFOSH 67-1271 AFOSH 67-1272 AFOSH 67-1273 AFOSH 67-1274 AFOSH 67-1275	LEE S W AFOSH 67-1276 AFOSH 67-1277 AFOSH 67-1278	LENNON J AFOSH 67-0740	LEVINSKY J AFOSH 67-0130 AFOSH 67-0132
LECAN L AFOSH 67-1276 AFOSH 67-1277 AFOSH 67-1278 AFOSH 67-1279 AFOSH 67-1280 AFOSH 67-1281 AFOSH 67-1282 AFOSH 67-1283 AFOSH 67-1284 AFOSH 67-1285	LEE V AFOSH 67-1286 AFOSH 67-1287 AFOSH 67-1288	LENNON J AFOSH 67-0740	LEVINSKY J AFOSH 67-0130 AFOSH 67-0132
LEDERBERG J AFOSH 67-1286 AFOSH 67-1287 AFOSH 67-1288 AFOSH 67-1289 AFOSH 67-1290 AFOSH 67-1291 AFOSH 67-1292 AFOSH 67-1293 AFOSH 67-1294 AFOSH 67-1295	LEE W AFOSH 67-1296 AFOSH 67-1297 AFOSH 67-1298	LENNON J AFOSH 67-0740	LEVINSKY J AFOSH 67-0130 AFOSH 67-0132
LEDERBERG J AFOSH 67-1296 AFOSH 67-1297 AFOSH 67-1298 AFOSH 67-1299 AFOSH 67-1300 AFOSH 67-1301 AFOSH 67-1302 AFOSH 67-1303 AFOSH 67-1304 AFOSH 67-1305	LEE X AFOSH 67-1306 AFOSH 67-1307 AFOSH 67-1308	LENNON J AFOSH 67-0740	LEVINSKY J AFOSH 67-0130 AFOSH 67-0132
LEDERBERG J AFOSH 67-1306 AFOSH 67-1307 AFOSH 67-1308 AFOSH 67-1309 AFOSH 67-1310 AFOSH 67-1311 AFOSH 67-1312 AFOSH 67-1313 AFOSH 67-1314 AFOSH 67-1315	LEE Y AFOSH 67-1316 AFOSH 67-1317 AFOSH 67-1318	LENNON J AFOSH 67-0740	LEVINSKY J AFOSH 67-0130 AFOSH 67-0132
LEDERBERG J AFOSH 67-1316 AFOSH 67-1317 AFOSH 67-1318 AFOSH 67-1319 AFOSH 67-1320 AFOSH 67-1321 AFOSH 67-1322 AFOSH 67-1323 AFOSH 67-1324 AFOSH 67-1325	LEE Z AFOSH 67-1326 AFOSH 67-1327 AFOSH 67-1328	LENNON J AFOSH 67-0740	LEVINSKY J AFOSH 67-0130 AFOSH 67-0132
LEDERBERG J AFOSH 67-1326 AFOSH 67-1327 AFOSH 67-1328 AFOSH 67-1329 AFOSH 67-1330 AFOSH 67-1331 AFOSH 67-1332 AFOSH 67-1333 AFOSH 67-1334 AFOSH 67-1335	LEE A AFOSH 67-1336 AFOSH 67-1337 AFOSH 67-1338	LENNON J AFOSH 67-0740	LEVINSKY J AFOSH 67-0130 AFOSH 67-0132
LEDERBERG J AFOSH 67-1336 AFOSH 67-1337 AFOSH 67-1338 AFOSH 67-1339 AFOSH 67-1340 AFOSH 67-1341 AFOSH 67-1342 AFOSH 67-1343 AFOSH 67-1344 AFOSH 67-1345	LEE B AFOSH 67-1346 AFOSH 67-1347 AFOSH 67-1348	LENNON J AFOSH 67-0740	LEVINSKY J AFOSH 67-0130 AFOSH 67-0132
LEDERBERG J AFOSH 67-1346 AFOSH 67-1347 AFOSH 67-1348 AFOSH 67-1349 AFOSH 67-1350 AFOSH 67-1351 AFOSH 67-1352 AFOSH 67-1353 AFOSH 67-1354 AFOSH 67-1355	LEE C AFOSH 67-1356 AFOSH 67-1357 AFOSH 67-1358	LENNON J AFOSH 67-0740	LEVINSKY J AFOSH 67-0130 AFOSH 67-0132
LEDERBERG J AFOSH 67-1356 AFOSH 67-1357 AFOSH 67-1358 AFOSH 67-1359 AFOSH 67-1360 AFOSH 67-1361 AFOSH 67-1362 AFOSH 67-1363 AFOSH 67-1364 AFOSH 67-1365	LEE D AFOSH 67-1366 AFOSH 67-1367 AFOSH 67-1368	LENNON J AFOSH 67-0740	LEVINSKY J AFOSH 67-0130 AFOSH 67-0132
LEDERBERG J AFOSH 67-1366 AFOSH 67-1367 AFOSH 67-1368 AFOSH 67-1369 AFOSH 67-1370 AFOSH 67-1371 			

507

LIU A P L AFOSH 67-0753 AFOSR 67-0754 AFOSH 67-0961 AFOSH 67-0962 AFOSH 67-0965	LIWAN K M AFOSH 69-2503	LOVE T J ARL 67-0210U	LUDWIG D AFCL 67-0531 AFOSR 67-2686 AFOSR 68-1813 AFOSR 68-2275
LIU R AFOSH 69-0327 AFOSR 68-2113	LONG D O AFOSR 68-1296	LOVELL B J AFOSH 68-0264	LUERS J A AFCL 67-0534 AFCL 67-0659
LIU C ARL 68-0135U	LONG H H AFOSR 69-0070	LOVELL R J AFCL 67-0612	LUM J APL 68-1286N
LIU C K AFOSR 67-0420	LONG W J AFCL 67-0471 AFCL 68-0412	LOVETT J AFCL 67-0391 AFCL 67-0543	LUKACS F AFOSR 67-1190 AFOSH 67-1969 AFOSR 67-2395 AFOSH 68-1752 AFOSR 68-2740
LIU J T C ARL 67-007AW	LINGINETTE L D AFOSR 67-1616	LOVETT J J AFCL 67-0498 AFCL 68-0438	LUKASZUK L AFOSH 67-1148
LIU M AFOSH 67-0105	LONGMONT H G AFOSH 67-0020	LIU W AFCL 67-0278 AFOSH 67-0567 AFOSR 68-0230 AFOSH 68-0439	LUKAVEC R AFCL 68-0345
LIU M K AFOSR 67-1956 AFOSH 68-1035	LOOK D C ARL 69-0123V ARL 69-0232V ARL 68-0754V ARL 68-0301V ARL 68-1424C ARL 68-1480A	LINDIN D C AFOSR 68-0100	LUKE Y L ARL 67-1135F
LIU M Y AFOSR 68-2908	LOOS M ARL 68-1895M	LOWE I J AFOSH 67-2641 AFOSR 67-2647 AFOSR 67-2648 AFOSR 68-0831 AFOSR 68-0836 AFOSR 68-0931 AFOSH 68-1687	LUM M D ARL 67-1019A ARL 67-1260P ARL 68-0050T
LIU R AFOSR 68-0074 AFOSH 68-0076 AFOSR 68-0080	LOPEZ A M AFOSR 68-2441	LOWE L F AFCL 68-0377 AFCL 68-0408 AFCL 68-0502	LUMB M D AFCL 68-0235
LLWELLYN E J AFCL 68-0157 AFCL 68-0500	LOPEZ-ARRIYO A AFOSH 67-2750	LOWE T C AFOSR 67-0423 AFOSH 68-1600	LUNNY H AFOSR 68-2705
LLOYD A C AFOSR 67-2043	LOPINA R F AFOSR 67-1949	LOWE Y C AFOSR 67-0060 AFOSH 67-0865 AFOSH 67-2771	LUNRY R W AFOSR 68-0491
LLOYD K M AFCL 67-0144	LOWENTZ C G AFOSR 67-0562 AFOSR 67-0873 AFOSH 68-1053 AFOSR 68-2744	LOWENGRUB M AFOSH 67-1378	LUNSDAINE A A AFOSR 68-1342
LLOYD S AFOSH 67-2572 AFOSH 68-0413	LOWINOV N G AFCL 68-0196 AFOSH 67-0479 AFOSH 67-2215 AFOSR 67-2216	LOWRY M L AFCL 67-0162	LUND I A AFCL 68-0229
LO C Y AFOSH 68-0930	LOTH J AFOSH 67-0507	LU E Y C AFOSR 67-0060 AFOSH 67-0865 AFOSH 67-2771	LUND R O AFOSH 67-0132
LOB W H AFCL 67-0535	LOTZ I F AFOSH 68-1082	LU P C AFOSR 67-1508	LUND R A AFCL 67-0423
LOCKER D R ARL 67-12H5A ARL 68-0123V ARL 68-0232V ARL 68-0301V ARL 68-1480A	LOUIS J F ARL 67-1235H ARL 68-0285W ARL 68-1020H ARL 68-1021H ARL 68-1192H	LUYAND S ARL 68-0181U	LUNDBAK A N AFCL 67-0689
LOCKWOOD J A AFCL 67-0460 AFCL 67-0477 AFCL 68-0051 AFCL 68-0777	LOUP G E AFOSR 67-2277	LUYAND S C AFOSR 67-2046 AFOSR 68-1421	LUNOGEN G AFOSR 67-1309
LOEFFLER A L JR ARL 67-0236U ARL 68-1191A	LOUP VERLET AFOSH 68-1314	LUYELL M S AFOSH 67-1453	LUNDGREN T AFOSH 67-1784
LOPERSKI J J ARL 67-0239W	LOUTREL P D AFOSR 68-0871	LUCAS C AFOSH 67-2194	LUNDGREN T L AFOSH 67-2461
LOFGREN L AFOSH 68-164A AFOSH 68-2579	LOVE G ARL 68-1144J	LUCAS G AFOSH 67-2769	LUNDGREN T S AFOSH 67-2460 AFOSR 67-2462 AFOSR 68-2493
LOGAN F A AFOSR 68-1607	LOVE G W ARL 67-1143J	LUCE J S ARL 67-1303H	LUNDHOLM E AFCL 68-0076
LOGAN R H JR AFOSR 69-154V	LOVE M O AFOSR 67-2480 AFOSR 68-0051	LUCK J V AFOSR 68-0704 AFOSR 68-2731	LUNDKVIST M AFOSR 67-1311
		LUDINGTON C E AFCL 67-0096	LUNDSTROM F A AFOSH 67-1028 AFOSR 67-1845
			LUNELL S AFOSR 68-1079 AFOSH 68-2565

<p>LUO M L AFOSR 67-1052 AFOSR 67-1213 AFOSR 67-1774 AFOSR 67-1237 AFOSR 67-1539 AFOSR 67-1675 AFOSR 67-2677 AFOSR 68-0562 AFOSR 68-1866</p>	<p>MACONUGALL J D AFOSR 67-1745 AFOSR 67-1757</p> <p>MACGREGOR M H AFOSR 67-2565</p> <p>MACM E E AFOSR 67-0021</p> <p>MACIDA K AFOSR 67-2841 AFOSR 67-2844</p> <p>MACINTYRE H A AFOSR 68-2803</p> <p>MACIULAITIS A ARL 67-0236U ARL 68-11919</p> <p>MACK M AFOSR 67-0164</p> <p>MACKENZIE J D AFOSR 68-2786</p> <p>MACKENZIE K J D AFOSR 68-2841</p> <p>MACKENZIE K M AFOSR 67-1142 AFOSR 68-2184 AFOSR 68-2399</p> <p>MACKEUWN P K AFOSR 67-0262</p> <p>MACKEH M ARL 68-0342W</p> <p>MACKEY J H AFOSR 67-0012 AFOSR 68-1951</p> <p>MACKIE A G AFOSR 68-0656 AFOSR 68-1574 AFOSR 69-2609</p> <p>MACMILLAN H F AFML 67-0294</p> <p>MACMILLAN H S AFOSR 67-1116 AFOSR 68-0880 AFOSR 68-2023</p> <p>MACIY N H AFML 67-0287</p> <p>MACQUEEN R M AFOSR 67-2038 AFOSR 68-2779 AFOSR 68-2780</p> <p>MADEYSKI A AFOSR 67-1358</p> <p>MADEPN V A AFOSR 67-1600</p> <p>MAECKER H ARL 67-0219U ARL 68-0343W</p> <p>MAEDER P F AFOSR 67-0306</p> <p>MAEMLY H J AFOSR 68-1160</p> <p>MAFFE L AFOSR 67-2538 AFOSR 67-2540</p>	<p>AFOSR 67-2541 AFOSR 67-2542 AFOSR 67-2543 AFOSR 67-2545 AFOSR 68-2687 AFOSR 68-2688 AFOSR 68-2689 AFOSR 68-2690 AFOSR 68-2691</p> <p>MAFFITT K N AFOSR 68-0181</p> <p>MAGAN J M AFOSR 68-0404</p> <p>MAGER G AFOSR 68-0344</p> <p>MAGIN R M AFOSR 67-1428</p> <p>MAGNI F AFOSR 67-2536 AFOSR 67-2539 AFOSR 68-2700 AFOSR 68-2709 AFOSR 68-2716 AFOSR 68-2717</p> <p>MAGNUSON V R AFOSR 67-2191</p> <p>MAHAJAN K K AFOSR 67-2692 AFOSR 67-2693 AFOSR 68-1125</p> <p>MAHANTA P AFOSR 67-1365</p> <p>MAHENDROO P P AFOSR 67-0362 AFOSR 67-0594</p> <p>MAHLMAN J D AFOSR 68-0357 AFOSR 68-0541</p> <p>MAHONEY J R ARL 67-0263</p> <p>MAI V A AFOSR 67-0201</p> <p>MAIANI L AFOSR 67-2792</p> <p>MAIER H AFOSR 67-1838</p> <p>MAIN D B AFOSR 68-1655</p> <p>MAITA J P AFOSR 68-0562</p> <p>MAK W ARL 67-0148U ARL 67-1213W</p> <p>MAK E R AFOSR 67-0324</p> <p>MAK K AFOSR 67-0038 AFOSR 67-0039 AFOSR 67-0040 AFOSR 67-1056 AFOSR 67-1058 AFOSR 67-1732 AFOSR 67-1742 AFOSR 67-1743 AFOSR 67-1744 AFOSR 67-2486 AFOSR 67-2487 AFOSR 67-2488 AFOSR 68-0423 AFOSR 68-0540</p>	<p>MALOONADO C D ARL 67-0038W ARL 67-0038W</p> <p>MALIK C AFOSR 68-0138</p> <p>MALIK P B AFOSR 68-2447 ARL 67-1178N</p> <p>MALIN S ARL 68-1096N</p> <p>MALKOFF G AFOSR 68-1409</p> <p>MALLEN G L AFOSR 68-1762</p> <p>MALLIARIS A C ARL 67-0007U ARL 67-0245W ARL 67-0291W ARL 68-0078U ARL 68-1019N</p> <p>MALLIAVIN P AFOSR 67-1123 AFOSR 67-1418</p> <p>MALLIAVIN-GRAMMET M P AFOSR 67-1123</p> <p>MALLICK J AFOSR 67-0275</p> <p>MALLOY J M AFOSR 68-0024</p> <p>MALLUZZI P AFOSR 67-1169</p> <p>MALM U AFOSR 67-0867</p> <p>MALMOVIST L AFOSR 67-1284 AFOSR 67-1285</p> <p>MALONEY J C AFOSR 67-1485</p> <p>MANCHESTER H M AFOSR 67-0209</p> <p>MANCOSO M L AFOSR 68-0337</p> <p>MANDEL L AFOSR 67-0380 AFOSR 67-0523 AFOSR 68-0026 AFOSR 68-0094 AFOSR 68-0190 AFOSR 68-0515 AFOSR 67-0832 AFOSR 67-0266 AFOSR 67-0388 AFOSR 67-1731 AFOSR 67-2053 AFOSR 67-2321 AFOSR 68-2058 AFOSR 68-2229 AFOSR 68-2626 AFOSR 68-2773</p> <p>MANDELSTAM S AFOSR 67-2777 AFOSR 68-1364 AFOSR 68-2217</p> <p>MANDEL A AFOSR 67-1111</p> <p>MANORIOFA P F J AFOSR 68-1926</p>
--	---	--	---

MANDULA J AFOSR 67-2901	ARL 67-1201A ARL 67-1202A ARL 67-1203A ARL 67-1211A ARL 67-1213A ARL 67-1214A ARL 67-1217A ARL 67-1241A ARL 67-1242A ARL 67-1243A ARL 67-1245A	MANGRUM O W AFOSR 67-0713 AFOSR 67-1792 AFOSR 67-2653 AFOSR 67-2654	MARSHALL J S AFOSR 67-0183 AFOSR 67-0407
MANGHANI M H AFOSR 67-1514		MANGRUM J U AFOSR 67-0246 AFOSR 67-0614 AFOSR 67-0345 AFOSR 67-0659 AFOSR 67-2012	MARSHALL L AFOSR 67-2744
MANGHAVITC J AFOSR 67-0473			MARSHALL R C AFOSR 67-0436 AFOSR 67-0656
MANGRAVITE J A AFOSR 67-0463	MANTYLA R G AFOSR 67-1901	MANGGHAFF W A AFOSR 67-0042 AFOSR 67-0003	MARSLAND T A AFOSR 67-0039
MANIV S AFOSR 67-0567	MANZ H J DMA 67-0001	MANGHAFF J L AFOSR 67-1082	MARSOCCI V A AFOSR 67-0934
MANLEY O P AFOSR 67-0542 AFOSR 67-0431	MARPLE M H AFOSR 67-2677 AFOSR 67-1566	MARIA M J AFOSR 67-0199	MARTIN A B AFOSR 67-2683 AFOSR 67-2825 AFOSR 67-0438 AFOSR 67-0442
MANN A H AFOSR 67-2143	MAR J ARL 67-1047H	MAHNAQU M AFOSR 67-0502 AFOSR 67-0593 AFOSR 67-0595 AFOSR 67-0597 AFOSR 67-1505	MARTIN O W AFOSR 67-2076 AFOSR 67-2628 AFOSR 67-2628
MANN F C AFOSR 67-1654	MARADUDIN A A AFOSR 67-0843 AFOSR 67-0921 AFOSR 67-0923 AFOSR 67-0924 AFOSR 67-0932 AFOSR 67-0934 AFOSR 67-0935 AFOSR 67-0997 AFOSR 67-1001 AFOSR 67-1472 AFOSR 67-1545	MARINI M AFOSR 67-1419	MARTIN E AFOSR 67-1812 AFOSR 67-1825 AFOSR 67-1827 AFOSR 67-1828 AFOSR 67-1831
MANN N R ARL 67-0073U ARL 67-0240W		MARINO M AFOSR 67-0205	MARTIN F J AFOSR 67-2221 AFOSR 67-2215
MANN N ARL 67-0068U	MARCHIAFAVA V L AFOSR 67-0557 AFOSR 67-2517 AFOSR 67-2547 AFOSR 67-2708 AFOSR 67-2715	MARINO M I AFOSR 67-0403 AFOSR 67-0531	MARTIN G P AFOSR 67-1083
MANN N H AFOSR 67-0235	MARCHIS F A AFOSR 67-0131 AFOSR 67-0130	MARINO M J AFOSR 67-0204	MARTIN J AFOSR 67-0424
MANNA Z AFOSR 67-1307	MARCOTTE L AFOSR 67-0391 AFOSR 67-0563 AFOSR 67-0438	MARK J C AFOSR 67-0732	MARTIN J M ARL 67-1416B
MANNHEIM D D AFOSR 67-0470	MARCOTTE L C AFOSR 67-0499	MARK J W K AFOSR 67-1013 AFOSR 67-2695	MARTIN M C AFOSR 67-1088 AFOSR 67-1680 AFOSR 67-0806 AFOSR 67-1718
MANNING W A AFOSR 67-1434	MARCOTTE M E ARL 67-1064W ARL 67-1216A ARL 67-1330H	MARK P ARL 67-1056W	MARTIN P AFOSR 67-2221
MANN K AFOSR 67-0074	MARCOU M J AFOSR 67-0428 AFOSR 67-0429	MARKS L D AFOSR 67-0015 AFOSR 67-0017	MARTIN P C AFOSR 67-0428 AFOSR 67-1964 AFOSR 67-2214
MANDLATO S AFOSR 67-2125	MARCUM A I AFOSR 67-1934	MARKS L E AFOSR 67-0313 AFOSR 67-1651	MARTIN R J AFOSR 67-0255
MANDRING E W AFOSR 67-0007	MARCUS J A ARL 67-1443A	MARKUS L AFOSR 67-0048	MARTIN M J L AFOSR 67-0677 AFOSR 67-0678
MANSFIELD J M AFOSR 67-1299 AFOSR 67-1302 AFOSR 67-0405 AFOSR 67-1303	MARCUS M AFOSR 67-1050 AFOSR 67-1054 AFOSR 67-1714 AFOSR 67-2476 AFOSR 67-2414 AFOSR 67-2414 AFOSR 67-2445 AFOSR 67-0711 AFOSR 67-2431 AFOSR 67-2276 AFOSR 67-2507 AFOSR 67-2668	MAHLUTTE G L ARL 67-0049U	MARTIN R B AFOSR 67-0279
MANSFIELD J M JR AFOSR 67-1355	MARGENAU M AFOSR 67-1169 AFOSR 67-1275 AFOSR 67-2312	MARRAZZI A S AFOSR 67-0547	MARTINDILL P E ARL 67-0068U
MANSERKA K AFOSR 67-1421 AFOSR 67-1433 AFOSR 67-1435		MARRISON N V AFOSR 67-1683	MARTINELLI S AFOSR 67-0212 AFOSR 67-0213
MANTHURUTHIL ARL 67-1043A ARL 67-1044A		MARSH L U AFOSR 67-0218	MARTINEZ E AFOSR 67-0117 AFOSR 67-0657
MANTHURUTHIL J C ARL 67-0233V ARL 67-103AA ARL 67-1019A ARL 67-1041A ARL 67-1042A ARL 67-1190L ARL 67-1246L ARL 67-0010V ARL 67-0022V ARL 67-0124V ARL 67-0227V ARL 67-0311V ARL 67-0312V ARL 67-0313V ARL 67-1190L		MARSHALL D H II AFOSR 67-0373	MARTINS P ARL 67-1324H
		MARSHALL J F AFOSR 67-0011 AFOSR 67-0480	

MARUYANA K AFOSH 67-2749 AFOSH 67-2251	MATSON P C AFOSH 67-1230 AFOSH 67-1408	MAYEN-JONICK C AFOSH 67-0466	MCCARTHY I F AFOSH 67-0505 AFOSH 67-1600 AFOSH 67-1074 AFOSH 67-2398 AFOSH 68-2533
MARVIN U R AFCHL 67-0012	MATSUDA S AFOSH 67-2241	MAYES T W AFOSH 68-1077	
MARX F ARL 68-0135V	MATSUI K AFCHL 67-0140	MAYBUN C AFOSH 67-1005	MCCARTHY K A AFCHL 67-036V
MARXMAN G A AFOSH 67-0853 AFOSH 67-1778 AFOSH 67-1428 AFOSH 67-2495 AFOSH 68-0771	MATSUNO T AFOSH 67-0807	MAYHALL D J ARL 67-0082U	MCCARTHY W J AFOSH 67-1299 AFOSH 67-1300 AFOSH 67-1302 AFOSH 67-1980 AFOSH 68-0338
MARZILLI A AFOSH 68-0676	MATTALONI P AFOSH 67-0142	MAYNE N AFOSH 68-0889 AFOSH 68-1335 AFOSH 68-2140	MCCARTON G D AFOSH 68-2272
MASLO R M AFCHL 67-0185 AFCHL 68-0147	MATTHEWS H AFCHL 68-0449	MAYO F R AFOSH 67-0905 AFOSH 68-0359	MCCARTY W M AFOSH 67-2644
MASNICK D AFOSH 68-0737	MATTHEWS J W AFOSH 68-0473	MAZELSKY M AFOSH 67-0005 AFOSH 67-2484 AFOSH 68-0489 AFOSH 68-1036 AFOSH 68-1037	MCCAUGHEY M P AFOSH 68-2082
MASON A M AFCHL 67-0417	MATTHEWS L D AFOSH 67-1695	MCCLOSKEY J W AFCHL 67-0534	
MASON G L AFCHL 67-0063	MATTHIAS H T AFOSH 67-0156 AFOSH 67-0826 AFOSH 67-1444 AFOSH 67-1610 AFOSH 67-1616 AFOSH 67-2407 AFOSH 67-2746 AFOSH 68-1498	MAZELSKY M AFOSH 67-1453	MCCALLUM D C AFOSH 67-1845 AFOSH 67-2712 AFOSH 68-0168
MASON J A AFOSH 67-2349	MATTIS D C AFOSH 67-0108 AFOSH 67-0788 AFOSH 67-0730 AFOSH 68-0584 AFOSH 68-1466	MAZUR P AFOSH 67-2774	MCCALLUM D C JR AFOSH 67-0494
MASON R J JR AFOSH 67-0705	MATSON M F JR AFCHL 67-0365 AFCHL 68-0478	MAH100 AFOSH 68-1091	MCCALLUM M AFOSH 68-2164
MASS J AFCHL 67-0155 AFCHL 68-0314	MATULA M L AFOSH 68-0090 AFOSH 68-0491 AFOSH 68-1197 AFOSH 68-1199 AFOSH 68-1200 AFOSH 68-1614 AFOSH 68-2134 AFOSH 68-2297	MC CAUGHEY M C AFOSH 67-1137	MCCONN C ARL 68-0124
MASSELSKI T B AFOSH 67-1415	MATUKE M AFOSH 67-0597	MC CAUGHEY M P AFOSH 67-1138	MCCORMACK P D AFOSH 67-1023 AFOSH 67-2222 AFOSH 68-0472 AFOSH 68-2156
MASSENGILL M E AFOSH 68-2154 AFOSH 68-2155 AFOSH 68-2156 AFOSH 68-2157 AFOSH 68-2159 AFOSH 68-2161	MATZEN W T AFCHL 68-0307	MC CHACKEN K G AFCHL 68-0030	MCCORMACK K G AFCHL 68-0219
MASSENGILL M E JR AFOSH 68-2162	MAUTZ J D AFCHL 68-0382	MCALEVY F R III AFOSH 68-1553	MCCRAE J M AFOSH 67-0036 AFOSH 67-0062 AFOSH 68-0733
MASSEY H S W AFOSH 68-0519	MAXFIELD J E AFOSH 67-2153 AFOSH 68-0769	MCALLISTER P H AFOSH 68-0506	MCCURBIN T R JR AFCHL 67-0437
MASSEY W E AFOSH 67-0738	MAY N M AFOSH 68-2748	MALPINE R H ARL 67-19081	MCCULLOCH W S AFOSH 67-0882 AFOSH 68-2803 AFOSH 68-2642
MASSIGLIA P H AFCHL 68-0088	MAYOUNG AFCHL 67-0596	MCJEE W D AFOSH 67-1785 AFOSH 68-0781 AFOSH 68-1756	MCCUSKEN C B A AFOSH 68-1065 AFOSH 68-2073 AFOSH 68-2284 AFOSH 68-2285 AFOSH 68-2400 AFOSH 68-2481
MASTEN M R AFOSH 68-0005 AFOSH 68-0231	MAYEDA W AFOSH 68-2413	MCDONNEN D AFOSH 67-1324 AFOSH 64-2725 AFOSH 68-2750	MCDANIEL E W AFOSH 68-2074 AFOSH 68-2028 AFOSH 68-2682
MASTENS C J AFOSH 67-0268 AFOSH 68-0310	MAYER A L AFOSH 67-2405	MCDONNEN D ARL 67-0071U	MCDONALD M C AFOSH 68-1173
MATHUR F N ARL 67-1334W ARL 68-0152U	MAYEY AFCHL 67-0596	MCDONNEN D ARL 67-0071U	MCDONALD M L AFOSH 67-1140 AFOSH 67-2713
MATARAZZO J D AFOSH 68-0483	MAYEDA W AFOSH 68-2413	MCDONNEN D ARL 67-0071U	
MATHEW M AFOSH 68-0765	MAYER A L AFOSH 67-2405	MCDONNEN D ARL 67-0071U	

MENADUE J P
AFOSH 68-0557

MENARDI P J
AFOSH 67-0713

MENDELL R U
AFCL 68-0006

MENDELUVIC F
AFOSH 67-0908

MENDES M
AFOSH 68-1893

MENIZONI M M
AFCL 68-0574
AFCL 68-0579
AFCL 68-0601
AFCL 68-0616

MENYUR P
AFCL 68-0768

MENZEL D H
AFCL 67-0035
AFCL 67-0209
AFCL 67-0710
AFCL 67-0217
AFCL 67-0346
AFCL 68-0310
AFCL 68-0397
AFCL 68-0476
AFCL 68-0497

MERCER G M
AFOSH 67-0323
AFOSH 67-2617
AFOSH 67-2630

MENGERIAN D
AFOSH 67-1009
AFOSH 68-1002

MERKES E P
AFOSH 67-0357

MERRIAN M F
AFOSH 67-1052

MERRITT G F
ARL 67-1086H
ARL 68-0142U

MERTZ L N
AFCL 68-0750

MESFRVY M
AFOSH 68-1460

MESSENGER J U
AFOSH 68-0797
AFOSH 68-0293

MESSINGEN M
AFOSH 67-1438
AFOSH 67-1914

MESTRENDT M N
ARL 67-0730V
ARL 68-0073T
ARL 68-0100T
ARL 68-0254V
ARL 68-0264V

MESZTENTYI C K
AFOSH 68-1160

METCALF F T
AFOSH 68-0159
AFOSH 68-0181
AFOSH 68-0187

METCALFE R M
AFCL 68-0591

METWICK L H
AFCL 67-0605

METTIE H J
AFOSH 68-2844

METZNER J J
AFCL 67-0379
AFCL 67-0495

METZNER J T
AFCL 67-0546

MEYER A R
AFOSH 68-0637
AFOSH 68-0641
AFOSH 68-1295
AFOSH 68-1934

MEYER J L JR
AFOSH 68-2444

MEYER K R
AFOSH 68-0551

MEYER L
AFOSH 67-3044

MEYER M
AFOSH 68-0586

MEYER P D
AFOSH 68-1204

MEYER V D
AFOSH 67-0194

MEYERHOFER W C
AFOSH 67-0572

MEYERS D A
AFOSH 67-1140

MEYERS L
AFOSH 68-1460

MEYER D G
AFOSH 68-1084

MICHAEL G A
AFCL 67-0622

MICHAELS A S
AFCL 67-0127

MICHAUD R
AFCL 67-0946

MICHELS M H
AFOSH 68-1979
AFOSH 68-1480
AFOSH 68-2040
AFOSH 68-2101
AFOSH 68-2403

MIDDENDORF E D
AFCL 67-0560

MIDDLETON S
AFOSH 68-0661

MIDTAL J
AFOSH 67-0199
AFOSH 67-0899
AFOSH 67-1304
AFOSH 67-1653
AFOSH 68-1693

MIFLE A
AFOSH 67-0736
AFOSH 67-0737
AFOSH 67-1596
AFOSH 67-2227
AFOSH 67-2240

MIGDAL D
AFOSH 68-0615

MIGGOLL M
ARL 67-0615U
ARL 68-0353W

MIGNERON J M H
AFOSH 68-0132

MIGUEL A S
AFOSH 67-1539
AFOSH 68-1110

MIMALAS D
AFOSH 67-0319
AFOSH 67-1119
AFOSH 67-1902
AFOSH 68-1064

MIMALAS M
AFOSH 67-1959

MIMALISIN T W
AFOSH 67-0444
AFOSH 67-0494

MIKKELSEN I S
AFCL 67-0489

MIKLOSZ J C
AFOSH 67-1782

MIKULAJ M G
AFOSH 67-1181
AFOSH 67-1182
AFOSH 68-1555

MILES G H
AFOSH 67-0657

MILES M G
AFOSH 67-0481
AFOSH 68-2863

MILES M H
AFOSH 68-0586

MILLER A M
AFOSH 68-0518

MILLER D
AFOSH 67-1818
AFOSH 67-2079
AFOSH 68-2681

MILLER H I
AFOSH 68-0724

MILLER C D
ARL 67-0092V
ARL 67-1107A
ARL 67-1131A
ARL 68-0884V

MILLEN D L
AFCL 68-0049

MILLER F G
AFOSH 68-2447
AFOSH 68-2498

MILLEN J A
AFOSH 68-2893

MILLEN J H
AFOSH 67-0594

MILLEN K
AFOSH 67-2757
AFOSH 68-2661

MILLEN L J
AFOSH 68-2312

MILLER M K
AFOSH 67-1581

MILLEN N E
AFOSH 68-2582

MILLER P S
ARL 68-0033U

MILLEN R A
ARL 67-1258C
ARL 68-0024T
ARL 68-1400A

MILLEN R K
AFOSH 68-2424
AFOSH 68-2589

MILLER T M
AFOSH 68-2076
AFOSH 68-2626

MILLER W G
AFOSH 67-0551
AFOSH 67-0552

MILLEN W H
AFOSH 67-0913
AFOSH 68-0697

MILLER W H JR
AFOSH 68-0366

MILLS D L
AFOSH 68-0430
AFOSH 68-0434

MILLS J J
ARL 67-10740
ARL 68-0154U
ARL 68-1195B
ARL 68-1378R

MILNE J B
AFOSH 67-0543
AFOSH 67-0544
AFOSH 67-0545

MILNE T A
AFOSH 67-1971
AFOSH 68-1079

MILNES A G
AFCL 68-0340
AFCL 68-0530

MILWARD H C
AFOSH 67-0214
AFOSH 67-1343

MINARDI J C
ARL 68-0156U
ARL 68-1365A
ARL 68-1402D

MINE H
AFOSH 67-1054
AFOSH 67-1716
AFOSH 68-0646
AFOSH 68-1762
AFOSH 68-2507

MINEAY J W
AFCL 67-0064

MINKA K
AFCL 67-0426
AFCL 67-0439

MINKOWICH A
AFOSH 67-1157

MINOR J C
AFCL 68-0267

MINGNEW R A
AFCL 67-0194

AFCL 67-0135
 AFCL 67-0444
 MIRABELLA A
 AFOSR 67-1450
 MIRANECH W L
 AFOSR 68-0743
 MISETICH A
 AFOSR 67-0382
 AFOSR 68-0888
 AFOSR 68-1451
 MISGUICH J
 AFOSR 68-2723
 MISHO J
 AFCL 67-018P
 MISKOVSKY N M
 AFOSR 67-1719
 MISLOW K
 AFOSR 67-0680
 AFOSR 67-1574
 AFOSR 67-2379
 AFOSR 67-2413
 AFOSR 67-2416
 AFOSR 67-2417
 AFOSR 67-2424
 AFOSR 67-2425
 AFOSR 68-0898
 AFOSR 68-1489
 AFOSR 68-1490
 AFOSR 68-1592
 AFOSR 68-2211
 AFOSR 68-2233
 AFOSR 68-2234
 AFOSR 68-2235
 AFOSR 68-2489
 AFOSR 68-2490
 AFOSR 68-2495
 AFOSR 68-2496
 AFOSR 68-2497
 AFOSR 68-2498
 AFOSR 68-2499
 AFOSR 68-2500
 MITCHELL D L
 AFOSR 67-1019
 MITCHELL H A
 AFCL 67-0001
 AFCL 67-0002
 MITCHELL J E
 AFOSR 67-0476
 MITCHELL J P
 AFCL 67-0068
 AFCL 68-0250
 MITCHELL M A
 AFOSR 68-0016
 MITCHELL R E
 AFOSR 67-2096
 MITCHELL T E
 AFOSR 67-1158
 AFOSR 67-1267
 AFOSR 67-2456
 AFOSR 68-1775
 MITCHNER M
 AFOSR 67-2433
 AFOSR 68-0625
 AFOSR 68-0859
 AFOSR 68-2222
 AFOSR 68-2555
 MITRA A P
 AFCL 67-0418
 MITRA N R
 AFOSR 68-0055
 MITRONOVAS W
 AFCL 67-0326
 MITRUKA D W
 AFOSR 67-2700
 AFOSR 67-2769
 AFOSR 68-2176
 AFOSR 68-2177
 AFOSR 68-2178
 AFOSR 68-2180
 MITSUMASHI H
 AHL 68-1478A
 MITTAG L
 AFOSR 67-2763
 MITTLEMAN M H
 AFOSR 67-0642
 MITTRA H
 AFCL 67-0192
 AFCL 67-0401
 AFCL 68-0074
 AFCL 68-0362
 MIUHA M M
 AFOSR 68-1021
 AFOSR 68-2184
 AFOSR 68-2341
 MIYAGI T
 AFOSR 67-0209
 MIYAKAWA T
 AFOSR 68-1523
 MIZEL V J
 AFOSR 67-0849
 AFOSR 67-2154
 AFOSR 68-0497
 AFOSR 68-0910
 AFOSR 68-1181
 AFOSR 68-1615
 AFOSR 68-1641
 AFOSR 68-2595
 MIZUSHIMA M
 AFOSR 68-2108
 MLAK W
 AFOSR 67-0775
 MLAVSKY A I
 AFCL 67-0509
 AFCL 68-0298
 MINAZED K L
 AFCL 67-0035
 MORLEY R M
 AFOSR 68-1096
 MOCHFL J M
 AFOSR 67-0746
 MUELLEN K D
 AFCL 68-0135
 MOERMAN M
 AFOSR 68-1942
 AFOSR 68-2183
 MOFFATT D L
 AFCL 67-0324
 AFCL 67-0490
 MOKKEF B H
 AHL 67-1325A
 MOHN L
 AFOSR 68-0340
 MOISE H GOLOSTFEN M H JR
 AFOSR 68-1987
 MUJONI A
 AFOSR 67-0355
 MOK C H
 AFATL 67-0114
 MOK K F
 AFOSR 67-1297
 MOLINER C F
 AFCL 68-0572
 MOLLER A M
 AFOSR 67-0413
 AFOSR 68-0697
 MOLLO-CHRISTENSEN E L
 AFOSR 68-2821
 MOLLON R R
 AFCL 68-0089
 AFOSR 68-0136
 AFOSR 68-0141
 MOLNAR P M
 AFCL 68-0268
 MOLOZZI A M
 AFCL 68-0321
 MOMIL M K
 AFOSR 67-1701
 MONAHEIS W F H M
 AFOSR 68-1675
 AFOSR 68-1685
 AFOSR 68-1686
 AFOSR 68-1717
 MOND B
 AHL 67-0138V
 AHL 67-0143V
 AHL 67-0228
 AHL 67-0230
 AHL 67-1029A
 AHL 67-1030A
 AHL 67-1268E
 AHL 67-1272E
 AHL 68-0090V
 AHL 68-0176V
 AHL 68-0276V
 AHL 68-0276V
 AHL 68-0288V
 AHL 68-0347V
 AHL 68-1272L
 MONROE B M
 AFOSR 68-1271
 MONROE J L
 AFOSR 68-1623
 MONS R F
 AFOSR 68-1666
 MONSO J M
 AHL 67-1095B
 AHL 67-1096B
 MONTALCINI R L
 AFOSR 68-2332
 AFOSR 68-2788
 MONTALVO R A
 AHL 68-0226V
 AHL 68-0296V
 AHL 68-1483A
 MONTEITH L K
 AFOSR 68-2638
 MONTERDE-GARCIA A
 AHL 67-0263W
 MONTGOMERY D R
 AFOSR 67-2371
 MONTE R
 AHL 67-1187M
 MOORE C A
 AFCL 67-0172
 MOON D M
 AFOSR 67-0968
 MOORE A H
 AHL 67-0027V
 AHL 67-0116V
 AHL 67-0130V
 AHL 67-0164V
 AHL 68-0038V
 AHL 68-0088V
 AHL 68-0278V
 MOORE C P
 AFOSR 67-0446
 AFOSR 67-2193
 AFOSR 68-2784
 MOORE M
 AFCL 67-0280
 MOORE J C
 AFOSR 68-1258
 MOORE J S
 AFCL 67-0056
 MOORE R T
 AFOSR 68-1231
 MOORE W M
 AFCL 67-0496
 MOOS M W
 AFOSR 68-2114
 MORALES W J
 AFOSR 67-2637
 MORAN J P
 AFOSR 68-0319
 AFOSR 68-0464
 MORAN T J
 AFOSR 68-2636
 MORANOI G
 AFOSR 67-2652
 MORAVCSIK M J
 AFOSR 68-0139
 MORAWETZ C S
 AFOSR 68-1513
 MORRIS J
 AFOSR 67-2095
 MORUUCHOW M
 AFOSR 68-2834
 MORE K A
 AFCL 67-0149
 AFCL 68-0320
 MORE R M
 AFOSR 68-1829
 MOREHOUSE R
 AFOSR 67-0188
 MOREHOUSE R L
 AFOSR 67-0013
 AFOSR 67-0014
 MORELLI C
 AFCL 67-0524
 AFCL 68-0327
 MORELLI G
 AFCL 67-0492

MORENCOS J
AFOSH 67-0308
AFOSR 68-1468

MORENO V R
AFOSR 68-1707

MORENO-DIAZ R
AFOSR 67-0882

MORGAN A H
AFOSR 67-1197
AFOSR 67-2729
AFOSR 68-1999

MORGAN B S
SRL 68-0017

MORGAN B S JR
SRL 67-0007

MORGAN K C
AFOSR 67-0379
AFOSR 67-0894

MORGAN M G
AFOSR 68-0125

MORGAN R C
AFOSR 67-0073
AFOSR 68-0084
AFOSR 67-1859

MORGAN T
ARL 67-10508

MORGENTHAUER P R
AFOSR 67-0295
AFOSR 67-0061
AFOSR 67-0662
AFOSR 67-0664

MORI K
AFOSR 67-1014

MORIARTY K
AFOSR 68-0132

MORICONE E J
AFOSR 68-0664

MORIN J JR
AFOSR 67-0620

MORITA T
AFOSR 67-0208

MORITZ M
AFOSR 67-0044
AFOSR 67-0169
AFOSR 67-0626
AFOSR 68-0298

MORLAND L W
AFOSR 67-2453

MORRIS F J
AFOSR 67-0411
AFOSR 67-0415
AFOSR 67-0417
AFOSR 67-0432
AFOSR 68-0102

MORRIS G C
AFOSR 68-1251
AFOSR 68-1255

MORRIS J C
ARL 68-0103U
ARL 68-1127H
ARL 68-1103D
ARL 68-1104M
ARL 68-1105D

MORRIS J H
AFOSR 67-0768

MORRIS L A
AFOSR 67-2450

MORRIS M D
AFOSR 68-2910

MORRIS P D
AFOSR 68-2478

MORRIS R H
AFOSR 68-1684

MURKINSON G
ARL 67-1176N

MORRISON M B
ARL 68-0118T

MORRISON M E
ARL 67-0183V
ARL 67-0271T
ARL 67-1127A
ARL 68-0085V
ARL 68-0084T
ARL 68-0319V
ARL 68-1007A
ARL 68-1048A
ARL 68-1073A
ARL 68-1301A
ARL 68-1433A

MORRISON R T
AFOSR 67-1059

MORRISSEY J
AFOSR 67-0483
AFOSR 68-0319

MORRISSEY J F
AFOSR 67-0604

MORSE D L
AFOSR 68-1756

MORSE S P
AFOSR 68-1391
AFOSR 68-2577

MORSE T F
AFOSR 67-1280
AFOSR 67-1935
AFOSR 68-2423

MORTENSEN R E
AFOSR 67-0424

MORTON D C
AFOSR 68-1754

MORUZZI G
AFOSR 67-2354
AFOSR 68-2317

MORUZZI R L
AFOSR 68-0353

MOSCOWITZ A
AFOSR 68-0513

MOSFLY G
AFOSR 67-0200

MOSELEY J T
AFOSR 68-262R
AFOSR 68-2692

MOSEH R A
AFOSR 68-0427

MOSHIER R W
ARL 67-11010
ARL 67-11920
ARL 68-0034V

MOSKOWITZ J V
AFOSR 67-0517

MUTERIN T S
AFOSR 68-0374
AFOSR 68-1109

MOUTCH D G
AFOSR 67-1256
AFOSR 67-2351
AFOSR 68-0699
AFOSR 68-1943

MUULTON W G
AFOSR 67-2783
AFOSR 68-0556

MUMMULIDIS C
AFOSR 68-0007

MOUNT W D
AFOSR 68-0107

MURER L
AFOSR 68-1058

MOYA G
AFOSR 68-2648

MOYER H G
AFOSR 67-0354
AFOSR 67-1340
AFOSR 67-1377
AFOSR 68-1537

MURSTIK A V JR
AFOSR 68-1193

MURRAY D G
AFOSR 68-0334

MUEHLBERGEN W R
AFOSR 67-0314

MUELLER G
AFOSR 67-0414
ARL 68-0320V

MUELLER G W
ARL 67-1124A
ARL 67-1125A
ARL 68-1076A

MUELLER J I
AFOSR 68-0409

MUELLER R A
AFOSR 67-0557
AFOSR 68-0166
AFOSR 68-0343

MUELLER S
AFOSR 67-2077
AFOSR 68-1932

MUELLER T F
AFOSR 67-1592

MUGGIA A
AFOSR 68-2086

MUI J Y
AFOSR 67-0049

MUI J Y P
AFOSR 67-0201
AFOSR 67-1295
AFOSR 67-2680
AFOSR 68-1884
AFOSR 68-2803

MUINHEAD J S
AFOSR 67-0641

MUKHEJEE T K
AFOSR 67-0021

MUKUNDA M
AFOSR 68-2501

MULAZZI E
AFOSR 68-1132

MULLANEY M
AFOSR 68-0094

MULLEN J P
AFOSR 68-0380

MULLEN M
AFOSR 68-0195

MULLER R S
AFOSR 68-0081

MULLIKEN P S
AFOSR 67-0288

MULVANEY J F
AFOSR 67-2422
AFOSR 67-2423
AFOSR 68-1905
AFOSR 68-1910
AFOSR 68-2066

MUMOLA P B
AFOSR 67-1175
AFOSR 67-1595

MUNCH G
AFOSR 67-0625

MUNNLE P B
ARL 68-0207U

MUNK V
AFOSR 67-2103

MUNRO D F
AFOSR 68-0734

MUNSON J D
AFOSR 67-2546

MUNSON M L
AFOSR 68-2133

MUNTER W A
ARL 67-0210U

MUNTZ F P
AFOSR 68-2353

MUNUERA J M
AFOSR 67-0308
AFOSR 67-0359
AFOSR 67-0360
AFOSR 67-1200
AFOSR 67-2156
AFOSR 68-1434
AFOSR 68-1443
AFOSR 68-1447

MURA T
AFOSR 67-2794

MURAD F
AFOSR 67-0809

MURAI S
AFOSR 68-1157

MURAKAMI K
AFOSR 68-0186

MURAKAMI M
AFOSR 67-2804

MURATA Y
AFOSR 68-2777

MURAYAMA T
AFOSR 67-1199
AFOSR 67-2526
AFOSR 68-0054

MURCRAV D AFCRL 67-0872 AFCRL 68-0436	MYERS R F AFCRL 68-0817	NANFVIEZ J E AFCRL 68-0071 AFCRL 68-0083 AFCRL 68-0185 AFCRL 68-0196	NAYMER O A AFAL 67-0004
MURCRAV D G AFCRL 67-0811 AFCRL 67-0449 AFCRL 68-0276 AFCRL 68-0505	MYERS T W ARL 67-0232V	NANR P AFOSR 68-0634	NDAALIO G AFOSR 68-1577
MURCRAV F AFCRL 67-0872 AFCRL 68-0436	MYHILL J AFOSR 67-0620 AFOSR 67-0622	NAPOLITANO E AFOSR 68-1242	NE EMAN Y AFOSR 67-0271 AFOSR 67-0273 AFOSR 67-0274 AFOSR 67-0473 AFOSR 67-1319 AFOSR 68-2313 AFOSR 68-2738
MURCRAV F H AFCRL 67-0211 AFCRL 67-0449 AFCRL 68-0505	MYNBERG H E AFOSR 68-0315	NAPOLITANO L G AFOSR 67-0470 OSR 67-1032 OSR 67-1098 AFOSR 68-1397 AFOSR 69-1924 ARL 68-1369A	NEAL J T AFCRL 68-0133
MUROV S L AFOSR 68-1828	MYLREA K C AFOSR 67-1806	NAQUET R AFOSR 67-0101	NEAVES A ARL 67-1151H ARL 67-1152H
MURPHY D L AFCRL 67-0458	NABI F ARL 67-0098U	NANANJO E AFOSR 68-2761 AFOSR 68-2762	NEE T W AFOSR 68-0561 AFOSR 68-1809
MURPHY G J AFOSR 68-0624 AFOSR 68-1328 AFOSR 68-1964	NACHRAR W AFOSR 67-0856 AFOSR 67-1311 AFOSR 68-1352	NARANJO P AFOSR 67-0843 AFOSR 68-2761	NEFOHAN C D AFOSR 68-0246
MURPHY R F AFOSR 68-0532	NACHTRIER N H AFOSR 67-0056 AFOSR 67-0742 AFOSR 67-1701 AFOSR 68-0047 AFOSR 68-0058 AFOSR 68-0059 AFOSR 68-0367	NANANJO Y P AFOSR 68-2762	NEEMAN Y AFOSR 68-0261 AFOSR 68-0634
MURR L E AFOSR 67-1033 AFOSR 68-2351 AFOSR 68-2402 AFOSR 68-2529	NADILE R AFCRL 67-0391 AFCRL 67-0563 AFCRL 68-0438	NANASIMHAN K Y AFOSR 68-0471	NEHARI Z AFOSR 67-1470 AFOSR 67-271R
MURRAY G T AFCRL 67-0273	NADILE R H AFCRL 67-0498	NANASIMHAN R AFOSR 67-1092 AFOSR 67-1938	NEILL D ARL 67-0012
MURRAY H F AFOSR 68-0531	NACHR C H ARL 67-0265W	NARDELLI G F AFOSR 67-1445 AFOSR 67-1761 AFOSR 68-1094	NEILL D B ARL 67-0025
MURRAY R W AFOSR 67-0750 AFOSR 68-0209 AFOSR 68-0211 AFOSR 68-0729	NAGARAJA K S ARL 67-0124T ARL 67-1070A ARL 68-0114T	NARDIZZI L H AFOSR 67-1487 AFOSR 68-2694	NEILSON D G AFOSR 68-2456
MURRILL P W AFOSR 68-2441 AFOSR 68-2784	NAGARAJA RAO C R AFCRL 67-0396	NARDONE L J AFCRL 67-0085 AFCRL 67-0431 AFCRL 67-0620	NELSON D AFOSR 68-2284
MURRY J AFOSR 68-2832	NAGEL K ARL 67-1305R	NASSAR J I AFOSR 68-1974	NELSON E AFCRL 68-0087
MURTHY V AFOSR 68-0061	NAHUM J AFOSR 68-1951	NASTELIN H E ARL 67-0282U ARL 68-0217U	NELSON J A ARL 68-1153H ARL 68-1175A
MURTHY V K ARL 68-0076U ARL 68-0180U ARL 68-1262R	NAIMAN C S AFCRL 67-0593	NATION J B AFOSR 67-0852	NELSON J W AFOSR 68-0898
MUSSELMAN E H ARL 68-0182U	NAKAGAWA K AFOSR 67-1513	NAUGLE N W AFOSR 67-0015	NELSON M J AFOSR 67-2535
MUTCH T A AFCRL 67-0315	NAKAMURA J K AFOSR 68-2117	NAUMANN S J AFCRL 67-0668	NELSON R L JR AFOSR 67-0711
MUWAPI A AFOSR 68-0769	NAKATANI O T AFCRL 68-0297	NAVARRO L AFOSR 68-1003	NELSON W E AFCRL 67-0218
MYATT D D AFOSR 68-1403	NAKAYAMA T AFOSR 67-1506	NAWROCKI L H AFOSR 67-1400	NEHAT-NASSER S AFOSR 67-2511
MYERS G H AFOSR 68-0587	NAMBU Y AFOSR 67-0027	NAY ARL 67-0026	NEREN R H ARL 68-0091W ARL 68-0283W ARL 68-0348W ARL 68-0349W
MYERS J H AFOSR 67-0893	NANYSLOWSKI J H AFOSR 67-2820	NAY H ARL 67-0012	NFSOR M R AFCRL 67-0273
MYERS J R ARL 68-1228R	NANYSLOWSKI N H AFOSR 67-2422	NAYFEN A AFOSR 68-1332	NFSS D J AFOSR 68-0075
			NFSTOR C W JR AFOSR 68-2447

NETZER D W AFOSR 68-0468 AFOSR 68-1286	APOSR 68-2092 AFOSR 68-3093 AFOSR 68-2094 AFOSR 68-2095	NIRENBENG L AFOSR 67-2302 AFOSR 67-2847 AFOSR 67-2850 AFOSR 67-2851 AFOSR 67-2852 AFOSR 68-2857	NORRIS D ARL 68-1285H
NEUBAUER R A AFCL 68-0148	NICHOLS I G AFOSR 67-1751	NISBET J S AFOSH 68-1052	NORWOOD J JR AFOSH 68-2670
NEURINGER L J AFOSR 67-0214 AFOSR 67-0984 AFOSR 67-1343 AFOSR 67-1677 AFOSR 67-1884 AFOSR 68-0600	NICHOLLS R W AFCL 67-0306	NISHIOKA H S AFOSR 68-0288	NOSANOW L H AFOSR 68-0167
NEUSTADT L W AFOSR 67-0046 AFOSR 67-0148 AFOSR 67-0377 AFOSR 67-0431 AFOSR 67-0840 AFOSR 67-1202 AFOSR 67-2846	NICHOLS A J III AFCL 67-0464	NISSEFSON J AFOSR 67-0252	NOTTERMAN J W AFOSR 68-1926
NEVINS R G AFOSR 68-2096	NICHOLS L D AFCL 68-0257	NIU K AFOSR 67-2437 AFOSR 68-1830	NOVAK J R ARL 68-0144V ARL 68-0325V
NEW W AFOSR 67-0130 AFOSR 67-117R	NICHOLS W C AFOSR 68-1728	NIXON M AFOSR 68-0191 AFOSR 68-0291	NOVENSKEI A AFCL 67-0593 AFCL 68-0220
NEWCOMB R AFOSR 67-1456	NICHOLSON M M AFCL 68-0705	NOBLE C F AFOSR 67-2133 AFOSR 68-0674 AFOSR 68-0868	NOVICK S AFOSR 68-0041
NEWCOMB R W AFOSR 67-0130 AFOSR 67-0433 AFOSR 67-0773 AFOSR 67-1178 AFOSR 67-1886 AFOSR 68-0510 AFOSR 68-0887 AFOSR 68-0942 AFOSR 68-1867 AFOSR 68-2504 AFOSR 68-2505 AFOSR 68-2893 AFOSR 68-2894	NICHOLSON R ARL 67-1155N	NOBLE M AFOSR 67-1004 AFOSR 67-1008 AFOSR 67-1027	NOVAK M AFCL 67-0108 AFCL 67-0347
NEWELL A AFOSR 67-0260 AFOSR 67-2149 AFOSR 67-2204 AFOSR 68-0449 AFOSR 68-0738	NICKERSON R S AFCL 68-0054 AFCL 68-0120	NOBLE R W AFOSH 67-1691	NOVAK W B AFCL 67-0512
NEWMART W H JR ORA 68-0004	NICOLIS G AFOSR 67-1382 AFOSR 67-2187 AFOSR 68-1977 AFOSR 68-2391 AFOSR 68-2723	NORLE M AFOSR 67-1606	NOVROOZI A A AFCL 67-0057 AFCL 67-0085 AFCL 68-0161
NEVILL V A AFOSR 67-1474	NIEDERLINKE A AFOSR 67-0340	NOCILLA S AFOSR 68-1734 AFOSR 68-1746	NOYES R M AFOSR 68-2909
NEWMAN E T ARL 67-0053U	NIEEM H T AFOSH 67-1176 AFOSR 67-1372 AFOSR 67-1408	NOEL T M AFCL 67-0084	NOYES W A JR AFOSR 67-0280 AFOSR 67-0637 AFOSR 68-2011 AFOSH 68-2870 AFOSR 68-2871
NEWMAN M AFOSR 67-2814	NIELD P W AFCL 67-0419	NOERDLINGER P D AFOSR 67-0190	NOZAWA R AFOSH 67-1243
NEWMAN M S AFOSR 67-0029 AFOSR 67-0030	NIELSEN A M AFCL 67-0012	NOETHER G F AFOSR 67-1409	NUNEZ J AFOSR 67-1124
NEWMAN R C AFOSR 67-1044 AFOSH 67-2636	NIELSEN E D AFCL 67-0578 AFCL 68-0315	NOLAN G F AFCL 67-0601	MUSIMOVICI M A ARL 67-0267W ARL 67-12820 ARL 67-13218
NEWSTEIN M C AFCL 67-0510 AFCL 68-0243 AFCL 68-0361	NIELSEN K C AFOSR 68-1015	NOME AFCL 68-0498 AFCL 68-0512	NUSSINOV S AFOSH 68-0271 AFOSR 68-0272 AFOSR 68-0276
NEWTON A A AFOSR 67-0065	NIELSEN M L ARL 68-0101U	NONNEMAKER C H AFCL 67-0090	NUTTALL A H AFCL 67-0030
NEWTON D J AFOSR 67-2423	NIELSEN S O AFOSR 67-0105	NOONAN T W AFOSR 68-2194	NUTTALL J AFOSR 67-0548 AFOSR 67-2145 AFOSR 67-2146 AFOSR 67-2738 AFOSR 67-2834 AFOSH 68-2272
NEYMAN J AFOSR 68-2090 AFOSR 68-2091	NIELSEN W R AFOSR 67-0932	NORREWG R R AFOSR 67-1416 AFOSR 68-1154	NUYTS J AFOSR 67-0239 AFOSH 67-2100
	NIKKOLA E P AFATL 67-0015	NORDAHL O M AFOSR 68-2021	NRANCHUKU D AFOSR 67-1365
	NIKOLAI P J ARL 68-1269L	MORCROSS M L AFOSR 68-2178	NYBORG W L AFOSR 67-1634 AFOSH 68-2298
	NILSON E M AFOSR 68-1992	MORGANDON M O AFCL 68-1803	NYBURG S C AFOSR 68-2755 AFOSR 68-2757
	NILSSON S AFCL 68-0259	MORGUET F AFOSR 67-1273	
	NINIO P AFOSR 68-0802	MORRIS A C AFOSR 68-2137	
	NINOMIYA T AFOSR 68-0586		

NYDICK S E AFOSR 67-0216 AFOSR 68-0719	OPRIEN D H ATL 67-0000V	UNABATED R AFOSR 67-2196 AFOSR 67-2195	AM 67-00188 67-00601
NYELAND C ARL 67-00010	ODWYER R F AFOSR 67-2727	OLAMOTO V AFOSR 67-0582 AFOSR 67-0548 AFOSR 68-0151	OLSON D L AFOSR 68-1517
NYMAN E H AFOSR 67-285 AFOSR 67-287	ODWYER R AFOSR 68-0738	OLSON V H AFOSR 67-0188	
O BRIEN J F AFOSR 67-1381 AFOSR 68-1762	ODWYER D AFOSR 68-0532	OLSON L AFOSR 68-0764	
O CONNELL D H AFOSR 67-0000 AFOSR 67-1839	ODWYER J AFOSR 68-2759	OLSON V AFOSR 68-0739	
O CONNOR J J AFOSR 67-0304 AFOSR 67-0441 AFOSR 68-0000	ODWYER D H AFOSR 67-1842 AFOSR 67-1853	OLSON W D AFOSR 67-0734	
O CONNOR L J AFOSR 67-0238	ODWYER L J AFOSR 68-0249	OLSON W A AFOSR 67-0373	
O DON G W AFOSR 68-0289	ODWYER J R AFOSR 67-2843 AFOSR 68-0741 AFOSR 68-2606 AFOSR 68-2619	OLSON M K AFOSR 67-0087	
O GALLAGHER J J AFOSR 67-1212 AFOSR 67-2804	ODWYER P L AFOSR 68-2412	OLSON J W AFOSR 68-1946 AFOSR 68-2206	
O HARA P J JR AFOSR 67-2838	ODWYER W R AFOSR 68-1014	OLSON J K AFOSR 68-1138	
O HARA S AFOSR 68-1006 AFOSR 68-1006 AFOSR 68-1501	ODWYER G W AFOSR 67-0750 AFOSR 68-0729	OLSON T AFOSR 67-2704	
O HANE J H AFOSR 67-1854	ODWYER J J AFOSR 67-1198	OLSON S AFOSR 67-2741	
O KEEFFE M AFOSR 68-0038	ODWYER M AFOSR 67-2385 AFOSR 67-2426 AFOSR 68-2001	OLSON R H AFOSR 67-0277	
O LEAHY D W AFOSR 67-0003	ODWYER J AFOSR 68-1006	OLSON Z F AFOSR 67-0130 AFOSR 67-0723 AFOSR 67-0777 AFOSR 67-0807	
O LOUGHLIN C L AFOSR 68-1884	ODWYER P E AFOSR 67-0509	OLSON W AFOSR 67-2713	
O MALLEY H H AFOSR 67-0258	ODWYER R A AFOSR 67-1240	OLSON R S AFOSR 67-0305 AFOSR 67-1888 AFOSR 67-1893 AFOSR 67-1893 AFOSR 67-1893	
O MALLEY R E JR AFOSR 67-2245 AFOSR 67-2345	ODWYER S AFOSR 68-0517 AFOSR 67-0511 AFOSR 67-0532	OLSON I AFOSR 67-2783	
O MORGAN E P AFOSR 67-1324 AFOSR 68-2750 AFOSR 68-2867	ODWYER T J AFOSR 67-1434 AFOSR 68-1401	OLSON J AFOSR 67-0528 AFOSR 68-0528 AFOSR 68-0525	
O NEIL T H AFOSR 67-2596	ODWYER J AFOSR 67-0785 AFOSR 67-0787	OLSON J AFOSR 67-0785 AFOSR 67-0785 AFOSR 67-0785 AFOSR 67-0785	
OAKES R J AFOSR 67-0578 AFOSR 68-1701	ODWYER V AFOSR 68-0118	OLSON J AFOSR 67-0785 AFOSR 67-0785 AFOSR 67-0785 AFOSR 67-0785	
OATES G C AFOSR 68-1436	ODWYER W AFOSR 68-2345	OLSON J AFOSR 67-0785 AFOSR 67-0785 AFOSR 67-0785 AFOSR 67-0785	
OBERMAN C AFOSR 68-1062 AFOSR 68-2653	ODWYER V AFOSR 68-2138	OLSON J AFOSR 67-0785 AFOSR 67-0785 AFOSR 67-0785 AFOSR 67-0785	
OBLANAS J AFOSR 67-0013 AFOSR 68-0586	ODWYER R S JR ARL 67-2132	OLSON J AFOSR 67-0785 AFOSR 67-0785 AFOSR 67-0785 AFOSR 67-0785	

AFOSR 6A-2515	OSPLING S G AFOSM 67-1683	PAGANI C D AFOSR 67-1913	PANNELL K H AFOSR 6B-0493
ORENTLICHER M AFOSR 67-208R	OSTRACH S AFOSR 67-1509	PAGE D E ANRL 67-0102	PANTONY D A ARL 67-0191U
OREY S AFOSR 67-1860	OSTRIKER J P AFOSR 6B-1032 AFOSR 6B-1033 AFOSR 6B-1098 AFOSR 6B-1627 AFOSR 6B-2696	PAGE R AFCL 6B-0162 AFCL 6B-0395 AFCL 6B-0396	PAOLINI F R AFCL 67-0231 AFCL 6B-0286
ORKIN S M AFOSR 6B-0312		PAGE R A AFCL 6B-0268	PAPA R AFCL 67-0280
ORNDOD J M AFOSR 67-1756	OSWALD H ARL 6B-1305H	PAGE R M AFOSM 6B-1899	PAPA R J AFCL 67-0527 AFCL 67-0529
ORNE M T AFOSR 67-0890 AFOSR 67-1830 AFOSR 67-1844 AFOSR 67-1846 AFOSR 67-1852 AFOSR 67-1853	OSWALD W J AFCL 67-0455	PAGILAGAN M U AFOSR 67-0707 AFOSR 67-0751	PAPAGIANNIS M U AFCL 6B-0098 AFCL 6B-0099 AFCL 6B-0100
ORPHAN V J AFCL 67-0104	DTSUKA M AFOSR 67-0588	PAGONE C D AFOSR 67-0136	PAPAS C H AFOSR 67-2352
ORRALL F Q AFCL 6A-0057	OTTE M M ARL 67-0248V	PAI S I AFOSR 67-0939 AFOSR 67-1000	PAPAZACHOS U AFOSM 67-2188 AFOSR 6B-0007
ORSZAG A AFOSR 6B-1108	OTTEN E W AFOSR 6B-1107	PAIGF W J AFCL 67-0561	PAPPAS A AFCL 6B-0416
ORSZAG S A AFOSR 67-1475 AFOSR 6B-0829	OTTENBRITE R M AFOSM 6B-0735	PAKVASA S AFOSR 6B-0156	PAPPAS G D AFOSR 67-1491
ORTENBUHGER I B AFCL 6B-0631 ARL 6B-1420B	OTTO F D AFOSR 67-2643	PALLONE A ARL 6B-0079U	PAQUES M ARL 67-1225L ARL 6B-0242V
ORVOLL R A AFOSR 6B-0717 AFOSR 6B-0718 AFOSM 6B-1888	OUTCALT D L AFOSR 67-1240 AFOSR 67-1242	PALMBERG P W AFOSM 67-1173 AFOSR 67-231H AFOSR 67-231H AFOSR 6B-0057 AFOSR 6B-1805 AFOSR 6B-1870	PARACCHINI C AFOSR 6B-2768
ORZALESI C A AFOSR 67-2835	OVEREND J AFOSR 67-2842 AFOSM 67-2843 AFOSR 67-2844 AFOSR 6B-0125 AFOSR 6B-0207 AFOSR 6B-0296 AFOSR 6B-1575	PALMER E AFOSR 67-0733	PAROLF H L AFOSR 6B-0344 AFOSR 6B-0346
OSBORN A G AFOSR 67-2214	OVERFLOP C V AFOSR 67-2705 AFOSR 67-2810 AFOSR 6B-0337	PALMER R L AFOSR 67-1898 AFOSR 67-2032 AFOSM 67-2264 AFOSM 6B-1757 AFOSR 6B-1941	PAROEK H AFOSR 6B-1412
OSBORN J R AFOSM 67-1001 AFOSR 67-2430 AFOSR 6B-0685 AFOSR 6B-1206	OWEN M L AFOSR 67-0659 AFOSR 6B-1059 AFOSR 6B-1758	PALMER H S ARL 6A-0094V ARL 6B-0150V ARL 6B-0168V	PAROS J ARL 67-1093D
OSBORN R U L AFOSM 6B-0801	OWEN P W AFOSM 6B-289R	PALMIERI G AFOSR 67-1656	PANISSEAU M A AFOSM 67-2843 AFOSR 6B-0207
OSBORNE P AFOSR 67-087H	OWMAN C AFOSR 6B-1015 AFOSR 6B-2795	PAN D C AFOSR 67-2463	PARK J AFOSR 67-1275
OSINCHAK J AFOSR 6B-0294	OZA K G AFOSR 6B-1798	PAN Y S AFOSR 67-1937 AFOSR 6B-2127	PARK J M AFCL 6B-0373
OSKAM M J AFCL 67-0423 AFCL 6B-0072 AFCL 6B-0149	OZAIR V AFCL 67-0301	PANCHAPAKESAN S ARL 6B-1454R	PARK V S ARL 67-0032V ARL 67-0108V ARL 67-1290A ARL 67-1291A ARL 6B-0121V ARL 6B-0185V ARL 6B-0230V ARL 6B-0231V ARL 6B-0245V ARL 6B-0246V ARL 6B-0249V ARL 6B-0250V ARL 6B-0290V ARL 6B-0305V ARL 6B-1061A ARL 6B-1481A
OSJ J P ARL 67-02797 ARL 6B-00037 ARL 6B-0174V	OZSVATH I AFOSR 6B-0127	PAND D R ARL 67-0082V	PARKE M G AFCL 6B-0019
OSSING M A AFCL 6B-0398	PACHAND A AFOSM 6B-0268	PANDE K C ARL 67-0159U	PARKER M M AFOSR 6B-0750
OSTAPKO D L AFOSR 6B-1869	PACKER J E AFOSR 6B-2519	PANETTI M AFCL 6B-0173	
OSTERTAG W ARL 6B-1188A ARL 6B-1381A	PADWA A AFOSR 67-2627 AFOSR 67-2628 AFOSM 67-2658	PANIZZA E AFOSR 67-1143 AFOSR 67-1728	

PARKS H D AFOSR 67-0444 AFOSR 67-0496 AFOSR 67-0746 AFOSR 68-0219	PATRICK R AFOSR 67-1160	PEDERSEN W C AFOSR 68-0494	PERCUS J AFOSR 68-1137
PARKS S I AFOSR 68-0556	PATRICK R W AFOSR 68-0047 AFOSR 67-0416 AFOSR 68-0147	PEDERSON D O AFOSR 67-0331 AFOSR 68-1171	PERCUS J K AFOSR 67-1747 AFOSR 67-1775 AFOSR 68-2566
PARKUS H AFOSR 68-0321	PATSAKOS G AFOSR 67-0584 AFOSR 68-1378	PEOLEY J B AFOSR 68-1528	PEREIRA C ANL 68-1098N
PARLETT H W ANL 68-0210U	PATTERSON J D AFOSR 67-0431	PEOLOSKY J AFOSR 67-0981 AFOSR 67-1875 AFOSR 67-2118 AFOSR 67-2121 AFOSR 68-0376 AFOSR 68-0389	PEREL J AFOSR 68-1980
PARNAS D L AFOSR 67-0755	PATTERSON T N L AFOSR 67-0678	PEEK J W AFOSR 68-1080	PERETTI J AFOSR 68-0924
PARNES H AFOSR 68-0495	PATTY R R AFOSR 67-0007	PEEL J M AFOSR 68-0351W	PERKINS F W AFOSR 68-1007 AFOSR 68-2775
PARRAVANO G AFOSR 67-2601 AFOSR 67-2643 AFOSR 67-2644	PAULSEN W H AFOSR 67-0007	PEETERS J ANL 68-0351W	PERKINS H K AFOSR 67-1572 AFOSR 68-1477
PARRISH W AFOSR 67-0168 AFOSR 67-0169 AFOSR 67-0456 AFOSR 67-1755	PAUS H AFOSR 67-1511	PEETERS J L AFOSR 67-0671	PERL E R AFOSR 67-2742
PARSONS H L AFOSR 67-1264 AFOSR 67-1300 AFOSR 67-1302 AFOSR 67-1920 AFOSR 68-0354	PAUTLEN E L AFOSR 67-2604	PERACE H M AFOSR 67-0147	PERLIS A AFOSR 68-0449
PARSONS R J AFOSR 68-1195	PAVALKO R M AFOSR 68-1547	PERAZO M M AFOSR 67-2203 AFOSR 68-2260	PERLIS A J AFOSR 67-2707 AFOSR 67-2808
PARTEE B AFOSR 68-0470	PAYNE H ANL 67-0175V ANL 68-0092V	PELL J AFOSR 67-0657	PERLMUTTER A AFOSR 68-1619 AFOSR 68-2545
PARTHASARATHY R AFOSR 67-0248 AFOSR 68-0488	PAYO G AFOSR 67-0308 AFOSR 67-2182 AFOSR 67-2415	PENBINELLI F AFOSR 68-1240 AFOSR 68-1241	PENLSTEIN J AFOSR 67-2621
PARTICK R M AFOSR 68-1937	PAYTON R G AFOSR 67-0312 AFOSR 67-1534 AFOSR 68-0688	PENAH F M AFOSR 67-0239 AFOSR 68-0225	PERLSTEIN J M AFOSR 68-1674
PASK G AFOSR 67-0861 AFOSR 67-2001 AFOSR 67-2770 AFOSR 67-2721 AFOSR 67-2722 AFOSR 68-0444 AFOSR 68-1762	PAZNICKAS J J AFOSR 68-0228	PENCHINA C M ANL 68-0230V ANL 68-0231V ANL 68-0249V	PERONA G F AFOSR 68-1014
PASK G A AFOSR 67-2714	PEACOCK R D AFOSR 68-0554	PENDLEYTON M AFOSR 67-0041	PERRIN R AFOSR 68-0135 AFOSR 68-0757 AFOSR 68-2286 AFOSR 68-2724
PASQUARELLI C G AFOSR 68-2306	PEAK L S AFOSR 68-2264 AFOSR 68-2265 AFOSR 68-2400	PENDLETON M M AFOSR 68-0558	PERRIN R AFOSR 68-2287
PASSENHEIM B C AFOSR 67-0696 AFOSR 67-2712	PEANSON E AFOSR 67-0380 AFOSR 68-1628	PENFOLD A S AFOSR 67-0687 AFOSR 68-0086 AFOSR 67-0977 AFOSR 67-0979 AFOSR 68-0223	PERVIZO J ANL 68-1339A
PATEL B R AFOSR 68-1569	PEARSON G J AFOSR 68-0016	PENG S AFOSR 68-1662	PERRIZO J J ANL 68-1209A
PATEL H T AFOSR 67-2836	PEANT R F AFOSR 67-1769 AFOSR 68-0332	PENN S AFOSR 67-0115	PERRON J M AFOSR 67-1085
PATEL S A AFOSR 67-1349 AFOSR 68-0476	PEASE M C AFOSR 68-0002	PENZIG F G ORA 68-0005	PERRY C H AFOSR 68-0561
PATNAIK P K ANL 67-0206V	PEASE R F W AFOSR 67-0347 AFOSR 68-0077 AFOSR 68-1183	PEOPLES P J AFOSR 67-0204 AFOSR 67-0705	PERSEN L N ANL 67-0280U ANL 67-0290W ANL 68-0133U ANL 68-0134U
PATNIA H K AFOSR 68-0970	PECCI J AFOSR 67-0126	PEPEU G C AFOSR 67-2547	PETERKA J ANL 67-0145W
	PECKHAM C G AFOSR 67-0522	PEPPER A S AFOSR 67-0311	PETERKA J A ANL 67-0275U
	PECKHAM L M AFOSR 68-0373	PEPPIAL H J AFOSR 68-2844	PETERS C F AFOSR 68-0337

PETERS E T AFCRL 67-0081 AFCRL 68-0091	PETERSEN M AFOSR 68-2758	AFOSR 67-1940 AFOSR 67-1945 AFOSR 67-2507 AFOSR 67-2508 AFOSR 68-0384 AFOSR 68-2677	PINA F AFOSR 68-1028
PETERSEN A AFCRL 68-0127 AFCRL 68-0336	PETERSSON G AFOSR 67-1821 AFOSR 67-1833 AFOSR 67-1835		PINAJIAN J J ARL 68-1225H
PETERSEN G M AFOSR 67-2322	PETTY J S ARL 68-01497	PIAT M G C AFOSR 68-1734 AFOSR 68-1746	PINCHAK A C ARL 67-0047U
PETERSEN R A ARL 67-0283U ARL 67-1230J ARL 68-0786H	PEVERARO R AFCRL 67-0548	PICARD R H AFCRL 68-0400	PINCHUK U AFOSR 68-0082 AFOSR 68-1159
PETERSON C M AFOSR 67-2726 AFOSR 68-0873 AFOSR 68-1188	PEW R W AFOSR 67-1799 AFOSR 67-1824 AFOSR 67-1837	PICHANICK F M J AFOSR 68-1884	PINCOCK R E AFOSR 67-0089 AFOSR 67-0090 AFOSR 67-0091 AFOSR 67-1850 AFOSR 68-0710
PETERSON D AFOSR 68-2642	PEYERIMHOFF S L AFOSR 67-2464 AFOSR 67-2467	PICKARD W F AFOSR 67-2741 AFOSR 68-1647	PINE A AFOSR 67-0341
PETERSON F A AFOSR 68-1401	PFALTZ J L AFCRL 67-0467	PICKERING W M AFCRL 67-0174	PINEDA A AFOSR 67-0722
PETERSON G E AFOSR 67-0250 AFOSR 67-2348 AFOSR 67-2620 AFOSR 68-2052	PFEIFFER R F AFOSR 67-0107	PICKFORD L M AFOSR 68-0812 AFOSR 68-2330	PINGS C J AFOSR 67-1181 AFOSR 67-1182 AFOSR 67-1261 AFOSR 67-1598 AFOSR 67-2512 AFOSR 67-2576 AFOSR 67-2577 AFOSR 67-2772 AFOSR 68-1555 AFOSR 68-1567 AFOSR 68-1694 AFOSR 68-2107
PETERSON H A AFOSR 67-2838	PFEIDEM E ARL 68-0023U	PICKFORD M AFOSR 67-2572 AFOSR 68-0813	PINZ B A ARL 68-1150H
PETERSON J H AFCRL 68-0442 AFOSR 67-1807	PFEUTY P ARL 67-1321U	PIGDEUN C R AFOSR 67-1019 AFOSR 67-2361 AFOSR 68-0022 AFOSR 68-1469	PINZ B E ARL 67-1140J
PETERSON M E AFOSR 67-0706	PFLUGER H L AFOSR 67-2320 AFOSR 67-2321 AFOSR 68-2229	PIEHLE H M AFOSR 68-1996	PIOVOSI M J AFOSR 68-2044
PETERSON M W AFCRL 67-0596 AFOSR 68-0716	PFOOTS W M AFML 67-0035	PIERCE A U AFCRL 67-0172	PINANI F A C AFOSR 67-0379 AFOSR 67-2524
PETERSON W W AFCRL 67-0566	PMELAN P T AFOSR 67-0002 AFOSR 67-0020	PIERCE D A AFOSR 67-0298 AFOSR 67-0635	PIROLA L AFOSR 67-1333
PETRACCHI D AFOSR 67-2538 AFOSR 67-2540	PHELPS J B ARL 67-0010 ARL 67-0023 ARL 67-0024	PIENCE S AFOSR 68-2911 AFOSR 68-2276	PISINSKI T A AFCRL 67-0115
PETRAUSKAS A A AFCRL 67-0669	PHILLIPS D AFOSR 67-1497 AFOSR 67-2360	PIERCY A R AFOSR 68-1542	PISTOLESI E AFOSR 68-1419
PETRE-QUADENS D AFOSR 67-0497 AFOSR 67-2570 AFOSR 67-2571 AFOSR 68-2694	PHILLIPS E C AFOSR 68-1152	PIERRE R F AFOSR 68-0592 AFOSR 68-1482	PITOLADO C AFCRL 67-0004
PETRICK S R AFCRL 67-0305	PHILLIPS L J AFOSR 68-0362	PIFRUCCI M AFOSR 68-1368	PITOLADO M V AFCRL 67-0605
PETRIE S L ARL 67-1233H ARL 68-0290H	PHILLIPS L F AFOSR 67-0919 AFOSR 67-1041	PIGNOLET L M AFOSR 68-2624	PITHA C A AFCRL 67-0137
PETROFF Y ARL 67-0241W	PHILLIPS M E AFOSR 67-0160	PIIRONEN P AFOSR 67-0279 AFOSR 67-2267 AFOSR 67-2268 AFOSR 67-2273	PITRE J AFOSR 67-2284
PETHUCCI S AFOSR 67-2547	PHILLIPS W M AFOSR 68-0915	PIKE P C JR AFCRL 68-0106	PITT C G AFOSR 67-1433
PETRY H F ARL 67-1174H	PHINNEY R A AFOSR 67-1184 AFOSR 67-1193	PILANT W L AFOSR 67-1797	PITT C H AFOSR 67-0163
PETSCHKE M E AFOSR 67-0213	PHIPPS R L AFCRL 67-0796	PILLAI K C S ARL 67-0253H ARL 67-0260H	PITT J W AFOSR 67-1566 AFOSR 68-0279
PETTENGILL G M AFOSR 67-2201 AFOSR 67-2044	PIAN T M M AFOSR 67-1899	PILLAI M V AFOSR 68-2700	PLASS G N AFCRL 67-0129

AFCL 67-0428 AFCL 67-0450 AFCL 67-0464 AFCL 67-0509 AFCL 67-0570 AFCL 68-0119 AFCL 68-0367	POPE M T AFOSR 68-0012	POWELL F D AFOSR 67-0084 AFOSR 68-1347 AFOSR 68-1350	PREUSS R AFCL 68-0544
PLASS G M L AFCL 68-0371	PORENCE C ARL 68-11830	POWELL G W ARL 67-0123U ARL 67-0246W	PREVENSLEK T AFCL 67-0318
PLATH E J AFCL 68-0371	POPIELAWSKI J AFOSR 67-2186 AFOSR 68-0028	POWELL R C AFCL 67-0648 AFCL 68-0370	PRICE S D AFCL 68-0041
PLATZKE A AFCL 67-0256	POPLANSKI R ARL 68-0824T ARL 68-1400A	PUWER L F JW AFCL 68-0429	PRIGOGINE I AFOSR 67-0927
PLENOL M S AFOSR 67-2183 AFOSR 68-0898	POPP H P ARL 68-0328W	PUWERS E J AFOSR 67-1175 AFOSR 67-1595 AFOSR 68-0838 AFOSR 68-1918	PRINCE J P AFOSR 67-0478 AFOSR 67-2259
PLOTKIN A AFOSR 68-1018	PUPPEL R E AFOSR 67-2541 AFOSR 67-2542 AFOSR 67-2545 AFOSR 68-2688 AFOSR 68-2689 AFOSR 68-2691	PRINCE M AFCL 67-0502 AFCL 67-0592	PRINGLE J W S AFOSR 67-2251 AFOSR 67-2253
PLUMMER M D AFOSR 68-1393	PONCELLI P AFOSR 68-0203	PRINS G AFOSR 67-0774	PRITCHETT W J AFOSR 68-2842
PML STAFF AFCL 67-0652	PONELL A L ARL 68-0210U	PROCOPIO L W AFCL 67-0317	PRITCHETT W J AFOSR 68-2842
PODSIADLO R T AFCL 67-0695	PORILE N T AFOSR 67-0458	PRADOAUF M C AFOSR 67-1136 AFOSR 67-1946	PRITCHETT W J AFOSR 68-2842
POEHLMAN W ARL 68-1299E	PORTA M AFOSR 67-2848	PRAGER W AFOSR 67-1511 AFOSR 67-2599 AFOSR 68-1332	PRITCHETT W J AFOSR 68-2842
POIRIER C P ARL 67-0193V ARL 67-1044A ARL 68-0324V ARL 68-1016A ARL 68-1199A ARL 68-1341A ARL 68-1342A	PORTER N A AFOSR 67-0609 AFOSR 67-1324 AFOSR 68-0791 AFOSR 68-2725 AFOSR 68-2750 AFOSR 68-2857	PRANGE R E AFOSR 67-0167 AFOSR 67-0170 AFOSR 67-0373 AFOSR 67-0374 AFOSR 67-2131 AFOSR 68-0561 AFOSR 68-1038 AFOSR 68-1560	PRITCHETT W J AFOSR 68-2842
POIRIER J L AFCL 67-0353	PORTER R F AFCL 68-0376	PRASAD S S AFOSR 67-2662 AFOSR 68-1125	PRITCHETT W J AFOSR 68-2842
POLAK E AFOSR 67-0343	POSNER M I AFOSR 67-1811 AFOSR 67-1816 AFOSR 68-0997 AFOSR 68-2833	PRASAD S S AFOSR 67-2662 AFOSR 68-1125	PRITCHETT W J AFOSR 68-2842
POLAK J A AFOSR 68-0128	POST B AFOSR 67-2125	PHATESI R AFCL 67-0066	PRITCHETT W J AFOSR 68-2842
POLKINGHORNE J C AFOSR 67-0328 AFOSR 67-0329 AFOSR 67-0878 AFOSR 67-1135	POST E J AFCL 68-0507	PRATT W K AFOSR 67-1472	PRITCHETT W J AFOSR 68-2842
POLLACK I AFOSR 67-2234	POSTAL P N AFCL 68-0070	PRATT W K AFOSR 67-1472	PRITCHETT W J AFOSR 68-2842
POLLARD A ARL 68-1284N	POTT G T AFCL 67-0554	PRATT W K AFOSR 67-1472	PRITCHETT W J AFOSR 68-2842
POLLARD D R AFOSR 67-0110	POTTER M R AFOSR 68-1855 AFOSR 68-1856	PRATT W K AFOSR 67-1472	PRITCHETT W J AFOSR 68-2842
POLLARD M ARL 67-1183N	POTTINGER W G ARL 67-1219A ARL 67-1224L	PRATT W K AFOSR 67-1472	PRITCHETT W J AFOSR 68-2842
POLLICK P J AFOSR 67-1059	POULIOT M AFOSR 67-0501	PRATT W K AFOSR 67-1472	PRITCHETT W J AFOSR 68-2842
POMEROY L R AFOSR 67-1890 AFOSR 68-1777	POUND G M AFOSR 67-0506 AFOSR 67-0507 AFOSR 67-2789	PRATT W K AFOSR 67-1472	PRITCHETT W J AFOSR 68-2842
POMEROY P W AFCL 67-0326 AFCL 67-0449 AFOSR 67-2149	POWELL B E AFOSR 67-1100 AFOSR 67-1102	PRATT W K AFOSR 67-1472	PRITCHETT W J AFOSR 68-2842
PONZANO G AFOSR 68-1216		PRESTON M O AFOSR 68-1623	PRITCHETT W J AFOSR 68-2842

PULVER E F AFOSR 67-2269	QUINN J H P AFOSR 67-0065	RAMAKRISHNAN T V AFOSR 68-2420	RASMUSSEN N C AFCHL 67-0104
PUPP C AFCHL 68-0376	QUINN J W AFCHL 67-0435	RAMAMOORTHY C V AFOSH 68-1780	RASOR N ARL 68-1101M
PUPPI G AFOSR 67-1128	QUIETNER G AFOSR 67-2697	RAMAN A AFOSR 67-1669 AFOSR 67-1732 AFOSR 67-1917 AFOSR 67-2737	RASOR N S ARL 68-00697
PURCARU G AFOSR 68-0007	QUHEISHI A S ARL 67-0251W	RAMAYYA A ARL 67-1175H	RASHBACH M E AFOSR 67-2323
PURCALIS P AFOSR 67-2021 AFOSH 68-1294 AFOSR 68-1624	RAMAN M AFOSR 67-2483 AFOSR 68-1490	RANDIN S ARL 67-0150U	RAYMGERER M H AFOSH 68-2400
PURRINGTON R D AFOSR 68-2859	RABINOVITCH U S AFOSR 67-042R AFOSR 68-1067 AFOSR 68-2139 AFOSR 68-2494	RANGANATHAN S ARL 67-1158H	RAUB C J AFOSR 67-0150 AFOSH 67-0510
PURSER K ARL 68-1099N	RAMINOWITZ P M AFOSR 68-2544	RANNESTAD A AFCHL 67-0060 AFCHL 67-0285 AFCHL 67-0581 AFCHL 67-0630 AFCHL 68-0135 AFCHL 68-0534	RAUB E AFOSR 67-0150 AFOSR 67-0510
PURSER K H AFOSR 67-0989	RACCAM P ARL 68-1354H	RANSON P L AFCHL 67-0401	RAUCH M E AFOSR 67-2357 AFOSR 67-2358 AFOSR 68-2250
PURTON C R AFOSR 68-104H	RADDILL J R AFOSR 67-2420	RAU H L J AFCHL 67-0363	RAUTAMARJU P M AFOSR 67-2273
PUTLITZ G Z AFOSH 68-1107	RADFORD B K AFOSH 67-1823	RAU C H N AFCHL 67-0089 AFCHL 67-0191	RAVAGE D K AFOSR 67-1687
PUTNEY Z AFCHL 68-0531	RADIN S ARL 67-0103U ARL 67-0158U	RAO K M AFCHL 68-0165	RAWEN AFCHL 67-0503
PVATI V P AFCHL 67-0239	RADULOVACKI M AFOSR 67-1051	RAO K N ARL 67-1306M	RAWLS J M AFOSR 68-2745
PYE J D AFOSR 67-2124 AFOSR 67-2436 AFOSR 68-1679	RAFFA A L AFOSR 68-1623	RAO N C R AFCHL 68-0090	RAY J ARL 68-0150V ARL 68-0168V
PYLE R AFOSR 68-0886	RAFFO P L AFOSR 67-1262	RAO P B AFOSR 68-1125 AFOSR 68-1126	RAYMOND F A AFOSR 68-1322
QUARANTELLI E L AFOSR 68-0751	RAGAZZINI J R AFOSR 68-0587	RAO T N AFOSR 67-0830	RAYMOND J C AFCHL 67-0142
QUATE C F AFOSR 68-2623	RAGHAVACHARI M AFOSR 68-1276	RAO U R AFCHL 68-0030	RAYMUND M AFOSR 67-0792
QUATSE J T AFOSR 67-0257 AFOSR 68-1520	RAGHAVAN S AFOSR 68-0042	RAO V N H AFOSR 68-0435	RAYNER D R AFOSR 68-2233 AFOSR 68-2490 AFOSR 68-2498
QUATLE J R AFOSR 67-1034 AFOSR 68-0809 AFOSH 68-1090 AFOSR 68-2776	RAHMAN M AFOSR 67-1636	RAPHAEL R AFCHL 67-0370	RAZNI M S K AFOSR 67-2822
QUIGLEY N A ARL 68-1298I	RAHNEBERG E AFCHL 67-0299	RAPHAEL C AFOSR 68-1773	READIO P D AFOSR 68-2584
QUILLIAN M R AFCHL 67-0769	RAI D K AFOSR 68-1069	RAPP F AFOSR 68-0545	REAM B C AFOSR 67-0030
QUINLAN J R AFOSR 68-0818 AFOSR 68-0825 AFOSR 68-0948	RAJAGOPAL A K AFOSR 67-0591	RAPP R A ARL 68-0044V ARL 68-1163M	RECHTIEN J AFOSR 67-1183
QUINLAN P M AFOSR 67-0975 AFOSR 68-0713 AFOSH 68-2612	RAJAGOPALAN M AFOSR 68-2295	RAPP R H AFCHL 67-0151 AFCHL 68-0195 AFCHL 68-0386	REDDY R J AFCHL 67-0582 AFCHL 67-0634 AFCHL 67-0672
QUINN B ARL 67-0009F ARL 67-0101T ARL 67-0227V ARL 68-0137T ARL 68-0314V ARL 68-1408A	RAJARAMAN R AFOSR 68-2279 AFOSR 68- 47	RAPPAPORT S AFOSR 68-0164	REEBER R R ARL 67-0123U ARL 67-0246V ARL 68-0183U ARL 68-0197U
	RALSTON R JR ARL 67-0107V	RAPPAPORT S A AFOSR 68-0574	REESEN M. H. ARL 68-1404B
	RALSTON T D AFOSR 68-0109		
	RAM M ARL 68-1109H		

REED I S AFOSH 67-0464	REINHARD A R AFOSH 68-0149 AFOSR 68-0680	REYNOLDS D C ARL 67-0108V ARL 67-0146V ARL 67-0174V ARL 67-1083A ARL 67-1287A ARL 67-1288A ARL 67-1291A ARL 67-1293A ARL 67-1316L ARL 68-0229V ARL 68-0298V ARL 68-0304V ARL 68-0308V ARL 68-1085L ARL 68-1060L ARL 68-1302A ARL 68-1363A ARL 68-1370A	AFOSR 68-0721 AFOSR 68-0788 AFOSM 68-1098 AFOSM 68-1188 AFOSM 68-1348 AFOSM 68-1761 AFOSM 68-1877 AFOSR 68-2000 AFOSR 68-2391 AFOSM 68-2483 AFOSR 68-2480 AFOSM 68-2881
REED T B AFOSR 68-0883	REINE M AFOSR 67-0155 AFOSR 68-0178		
REES M ARL 67-1332M	REINHARD E A AFOSM 68-1658		
REESE B O AFOSR 67-0413 AFOSR 67-2036 AFOSR 68-1268	REINISCH R AFOSR 68-0166		RICH J V AFOSR 67-1180 AFOSM 68-0240 AFOSR 68-1608
REESE H C AFOSR 68-0978	REINISCH W W AFOSR 67-0114		
REGAN E AFOSR 68-1838	REINMOLLER M AFOSR 67-1006	REYNOLDS M H ARL 67-0023	RICHARD N A AFOSR 67-0037
REGENER V H AFOSR 67-0029	REISER M AFOSR 67-0093	REYNOLDS W C AFOSR 67-2009 AFOSR 67-2093 AFOSR 68-0383 AFOSR 68-0448 AFOSR 68-1568	RICHARDS K J ARL 67-0078V ARL 67-0216T ARL 68-0162V
REGENSBURGER P J AFOSR 67-1143 AFOSR 67-1728	REISWANN H AFOSR 67-0565 AFOSR 68-0238 AFOSR 68-0577 AFOSR 68-1735	REYNOLDS W E AFOSR 67-1466	RICHARDS P B AFOSM 68-0912
REGGIORI A ARL 67-0852U	REISS F A AFOSR 67-0148	REZA F M RADOC 67-0376	RICHARDUS W AFOSR 68-2248
RENNBERG R AFOSR 68-0709	REITE M L AFOSM 67-2107	REZENDE S H AFOSR 67-0661 AFOSR 67-0681	RICHARDS W A AFOSR 68-2098
RENN R G AFOSR 67-1180 AFOSM 68-1609 ARL 67-0069U ARL 67-1216B	REKOSH J M AFOSR 67-1725 AFOSR 67-2749	RHODES J L AFOSR 67-1274	RICHARDSON C P AFOSR 68-1668
REICHARDT W E AFOSR 67-2262	REMEIKA J D AFOSM 67-0156	RHODES J M AFOSR 67-2107 AFOSR 68-0487	RICHARDSON G A ARL 68-0101U
REICHENBACHER P M AFOSR 68-2906 AFOSR 68-2907 AFOSR 68-2908 AFOSR 68-2910	REMEIKES A AFOSR 68-2709	RHODIN T N AFOSR 67-1173 AFOSR 67-2316 AFOSR 67-2318 AFOSR 68-0057 AFOSR 68-1645 AFOSR 68-1805 AFOSR 68-1816	RICHARDSON J R AFOSR 67-0046 AFOSR 67-0427 AFOSR 68-0048 AFOSR 68-0488
REICHERT J F AFOSM 68-1459 AFOSM 68-1467	RENAULT J AFOSM 67-2562 AFOSM 67-2564		RICHARDSON M AFOSM 68-0881
REICHMAN S AFOSR 67-2842 AFOSR 68-2846	RENNER B AFOSR 67-0071 AFOSR 67-0872 AFOSR 67-1652	RHODER H S AFOSR 67-0278	RICHARDSON M F ARL 68-0321V ARL 68-0322V ARL 68-1075A ARL 68-1431E
REID A F AFOSR 67-1436 AFOSR 67-1628 AFOSR 68-1476 AFOSR 68-1477	RESHOTKO E AFOSR 67-2451	RICCHIUTI N V AFOSR 68-1686 AFOSR 68-1692 AFOSR 68-1717	RICHARDSON P O ARL 67-0128V ARL 67-0275U ARL 68-0048T ARL 68-0334W
REID W T AFOSR 67-0216 AFOSR 67-1996 AFOSR 67-2505 AFOSR 68-0966 AFOSM 68-2585	RESNIKOFF M AFOSR 68-1006	RICCI G F AFOSR 67-0099 AFOSR 68-0196	RICHIE C G AFOSM 67-0712 AFOSM 67-1255
REIDY W P AFOSR 67-0231 AFOSR 67-0618	RESSESS W L AFOSR 67-1429 AFOSR 67-1432	RICE J R AFOSR 68-0325	RICHOTTE J F AFOSR 68-0488
REILLIY C N AFOSR 67-0542 AFOSR 67-0553 AFOSR 68-2321	REST A J AFOSR 68-0889 AFOSR 68-1333	RICE S A AFOSR 67-0041 AFOSM 67-0048 AFOSR 67-0092 AFOSM 67-0093 AFOSR 67-0226 AFOSM 67-0270 AFOSM 67-0644 AFOSM 67-0876 AFOSM 67-1671 AFOSM 67-1673 AFOSM 67-2164 AFOSR 67-2108 AFOSR 67-2147 AFOSM 67-2445 AFOSR 67-2446 AFOSM 67-2671 AFOSM 68-0028 AFOSM 68-0029 AFOSM 68-0046 AFOSR 68-0047 AFOSR 68-0059 AFOSR 68-0471 AFOSR 68-0432	RICHTER J AFOSR 68-0044
REILLY A E AFOSR 67-0670	REX A L AFOSM 68-2731		RICHTER S L AFOSR 67-0261 AFOSR 67-0298
REILLY J P AFOSR 68-1536	REYHNER T A AFOSR 68-1682		RICHTER W J JR AFOSR 67-0413
REILLY M M AFOSR 67-2764	REYNOLD A AFOSM 68-0396		RIDER D AFOSR 67-0223 AFOSM 67-0689 AFOSR 67-0699 AFOSR 67-2119
	REYNOLDS B G AFOSR 68-2187		RIECKER R E AFOSR 67-0475
	REYNOLDS C A AFOSR 68-0015 AFOSR 68-0016		

RIEDER Z AFOSR 67-2418	ARL 68-0051V ARL 68-0057V ARL 68-1174A	ROBINSON J A AFOSM 68-0928 AFOSR 68-0896	ROGERS L B AFOSM 67-2806
RIEHL J J AFOSM 67-1433	RIZZOLATTI G AFOSR 67-2843 AFOSR 67-2846 AFOSR 68-2692 AFOSR 68-2714 AFOSM 68-2715	ROBINSON J J AFCL 68-0070	ROGERS M AFOSM 67-2489 AFOSR 68-1361
RIEHL M W ARL 67-1310H ARL 67-1314H		ROBINSON W M AFOSM 67-0968 AFOSM 67-1493	ROGERS R R AFCL 68-0185
RIERA J ARL 67-0222U ARL 67-1093B ARL 67-1094B ARL 67-1095B ARL 67-1096B ARL 68-0107U	ROACH D V AFOSR 67-1922	ROBINSON R T AFOSR 67-2328	ROGGE W M AFCL 68-0247
RIGBY G A AFOSR 67-0339 AFOSM 68-0089	ROBERT F AFOSR 67-2038	ROSEN B A AFOSR 68-0899	ROHREH R A AFOSR 68-2006 AFOSM 68-2078 AFOSR 68-2460 AFOSR 68-2462 AFOSM 68-2619 AFOSR 68-2643
RIGHINI G ARL 68-1102N	ROBERT A L ARL 67-0012	ROSEN D AFOSR 67-0448 AFOSR 67-0449 AFOSR 68-0895 AFOSR 68-0899 AFOSR 68-0902	ROMML M AFOSR 67-2715
RILEY G F AFCL 68-0256	HUBERSON J A ARL 67-1249C ARL 68-0044V	ROSEY T B AFOSR 67-1868	ROLAND G AFCL 67-0095 AFCL 67-0478 AFCL 67-0680 AFCL 67-0587
RILEY J A AFCL 68-0025	ROBERTIS E D AFOSR 67-1103 AFOSR 67-2094 AFOSR 67-2097	ROCHEFORT J S AFCL 67-0338	ROLDAN R AFOSR 68-0465
RILEY M AFOSR 68-0649	ROBERTS W D JR AFOSR 67-1336	ROCKAFELLAN R T AFOSR 67-1390 AFOSR 68-0280 AFOSR 68-2435 AFOSM 68-2436 AFOSR 68-2438 AFOSM 68-2439 AFOSR 68-2440	ROLFE E AFCL 67-0348 AFCL 67-0349
RIMER M AFOSR 68-0148	ROBERTS D AFOSR 67-0435	RODGERS A AFOSM 67-1634	ROM J ARL 67-0005U ARL 67-0036W ARL 67-0037W ARL 67-0121U ARL 67-0289W ARL 68-0014U ARL 68-0015U ARL 68-0047T ARL 68-0155B ARL 68-0189W ARL 68-0218U
RINALDI G ARL 68-1147J	ROBERTS G P AFCL 67-0417	RODGERS P H AFOSR 67-2085	ROMAN P AFOSR 67-0120 AFOSR 67-0125 AFOSR 67-0673 AFOSR 67-1357 AFOSR 67-2196 AFOSM 67-2239 AFOSR 67-2243 AFOSR 67-2317 AFOSR 67-2570 AFOSR 68-0760 AFOSR 68-1949 AFOSM 68-2749
RINALDI G M ARL 67-1141J	ROBERTS M N AFOSR 68-0878 ARL 67-0062U	RODINE E T ARL 67-1337A ARL 68-0221U	ROMAN W C ARL 67-0232V ARL 67-1072A ARL 67-1073A ARL 67-1075A ARL 67-1207L ARL 67-1335C ARL 68-1022B
RINDLER W A AFOSR 68-0126	ROBERTS J E AFOSR 67-0141	RODKIEWICZ C M AFOSM 67-2451	ROMBALSKI W F AFCL 68-0408
RINEY F AFATL 67-0167	ROBERTS K H AFOSR 67-1025 AFOSR 67-2235	RODLEIGH AFOSR 67-1684	ROME J W AFOSM 68-1797
RINEY F D AFATL 67-0119	ROBERTS R G AFOSR 67-2793 AFOSM 67-2822	RODRIGUEZ P A AFOSR 68-0364	ROMITI A AFOSR 68-1747 AFOSR 68-1772
RING R M AFCL 67-0112	ROBERTSON M P AFOSR 68-2194	ROEDENSHEIMER R ARL 67-1202H	RON A AFOSR 67-1011
RISSMANN E AFCL 68-0160 AFCL 68-0492	ROBERTSON W W AFOSR 67-0477 AFOSR 67-0478 AFOSR 67-0532 AFOSM 67-1988 AFOSR 67-2259	ROEDENSHEIMER R J ARL 67-1012J ARL 68-0253W	RONA P AFOSR 68-0212
RISTOW B W AFOSM 68-0044	ROBINSON A L ARL 67-1311H	ROELOFS W L AFOSR 67-1431	RONAT E E AFOSM 67-0272
RITT R K AFCL 67-0008	ROBINSON C P AFOSM 68-0900	ROESSLER H AFOSR 67-0679 AFOSR 68-2166 AFOSM 68-2167 AFOSM 68-2169 AFOSR 68-2170	
RITT ROBERT K AFCL 67-0239	ROBINSON D W AFOSM 67-1607	ROFFMAN E M AFOSR 68-0926 AFOSR 68-1263	
RIVANO C AFOSR 67-1498 AFOSR 68-0944	ROBINSON E A AFCL 67-0141	ROGERS J B AFOSM 67-2857	
RIVEROS J M AFOSR 68-2842	ROBINSON G AFOSR 67-2244	ROGERS K L AFCL 68-0177	
RIVERS R J AFOSR 67-1642	ROBINSON G W AFOSM 67-2443		
RIZVI M H ARL 67-0117V	ROBINSON M G AFOSR 68-2748		
RIZZO P E ARL 67-0163V ARL 67-1160C			

ROMA .880220 APCRL 67-0060	AFOSR 67-1705 AFOSR 67-2780	ROSSEN J B AFOSR 67-0629 AFOSR 67-0630 AFOSR 67-0631	AFOSR 68-0749 AFOSR 68-0980 AFOSR 68-1405 AFOSR 68-2242 AFOSR 68-2295
ROMNANG B D APCRL 67-0579	ROSEN R M APCRL 67-0687 APCRL 68-0086	ROSSETTI C AFOSR 68-0864	RUBIN L AFOSR 67-1106
ROONEY T P APCRL 67-0676 APCRL 68-0572	ROSEN S P AFOSR 68-0393	ROSSI C F AFOSR 68-0945	RUBIN S G AFOSR 67-1114 AFOSR 68-0633 AFOSR 68-1368 AFOSR 68-2816
ROOS S E AFOSR 67-0867 AFOSR 67-2274	ROSENRAUH H AFOSR 68-0847	ROSSI G F AFOSR 67-0803 AFOSR 67-0804 AFOSR 67-1430 AFOSR 67-1480 AFOSR 67-1481 AFOSR 67-1498 AFOSR 67-1627 AFOSR 67-1888 AFOSR 67-1886 AFOSR 68-0843 AFOSR 68-2305	RUBINI S AFOSR 68-1259
ROOS F V ARL 67-0084W	ROSENBAUM P S APCRL 68-0070		RUBINOFF H AFOSR 67-1952 AFOSR 68-1599 AFOSR 68-1600
ROOSILD S APCRL 67-0184	ROSENUERG N W ARL 68-1229H		
ROWER R B APCRL 68-0392	ROSENBERG R M AFOSR 67-0897	RUSSMAN E AFOSR 67-1811	RUBINSTEIN H W AFOSR 68-2548
ROS P AFOSR 67-1633	ROSENBERG T J AFOSR 67-2531	ROSSMANN T G AFOSR 67-0951	RUBY P R APCRL 67-0231
ROSA H AFOSR 67-1405	ROSENFELD A APCRL 67-0467	ROTCH A L APCRL 67-0031	RUCK P R AFOSR 67-0714
ROSADINI A AFOSR 68-0843	ROSENGREEN A APCRL 67-0218	ROTH C M JR AFOSR 67-1891 AFOSR 68-1658	RUDIN W AFOSR 67-1944 AFOSR 67-1965 AFOSR 68-0705
ROSADINI G AFOSR 67-0503 AFOSR 67-0504 AFOSR 67-1430 AFOSR 67-1481 AFOSR 67-1498 AFOSR 67-1627 AFOSR 67-1855 AFOSR 67-1856 AFOSR 68-0944	ROSENTHAL P L AFOSR 68-2595	ROTHBERG G M AFOSR 67-1107	RUDJOND T AFOSR 67-0207
ROSCHEL E AFOSR 67-0510	ROSEVEAR D T AFOSR 67-1128 AFOSR 68-0888	ROTHBERG J E AFOSR 68-1346	RUOMAN R AFOSR 67-2125 AFOSR 68-0041
ROSCISZEWSKI J AFOSR 67-1318 AFOSR 67-2008 AFOSR 67-2664	ROSHER D E AFOSR 67-0468 AFOSR 67-1086 AFOSR 67-1993 AFOSR 67-2042 AFOSR 67-2256 AFOSR 67-2597 AFOSR 68-1202 AFOSR 68-1286 AFOSR 68-2665 AFOSR 68-2824	ROTHE F W AFOSR 67-2011 AFOSR 67-2049 AFOSR 67-2258 AFOSR 68-2428	RUDMAN S AFOSR 67-1118 AFOSR 68-1368 AFOSR 68-2816
ROSE F AFOSR 67-2493	RUSNER L G AFOSR 67-0103 AFOSR 67-2375	ROTHENBERG D AFOSR 67-0415 AFOSR 67-1489	RUDNICK I AFOSR 68-0423
ROSE G F APCRL 67-0364 APCRL 67-0865 APCRL 68-0472	ROSS G AFOSR 67-0256	ROTHENBURY R A AFOSR 67-0545	RUELL O AFOSR 67-1559
ROSE H F AFOSR 68-2351 AFOSR 68-2629	ROSS D K AFOSR 68-1365	ROTHFARB W AFOSR 68-2280	RUGER C J ARL 67-0131W ARL 68-0035W
ROSE H M AFOSR 67-1248	ROSS U L AFOSR 68-1926	ROTHWELL D L APCRL 67-0674	RUM R ARL 67-0170V ARL 67-1338A ARL 68-0046V ARL 68-0235V ARL 68-0332V ARL 68-1376C
ROSE N J ARL 68-1046N	ROSS G G AFOSR 68-2613	ROTHMAN W APCRL 67-0288	
ROSEN A AFOSR 67-0890 AFOSR 67-1003 AFOSR 67-2310 AFOSR 68-1936	ROSS J AFOSR 67-0268 ARL 68-0269V	ROUSSEAU V AFOSR 67-0198	RULF U APCRL 67-0671 APCRL 68-0093
ROSEN A N APCRL 68-0061	ROSS J F AFOSR 67-1119 AFOSR 68-2766	ROWLAND P S AFOSR 67-1379	RUNDLE M W AFOSR 67-0665 AFOSR 67-0671
ROSEN J AFOSR 67-0549 AFOSR 67-0550 AFOSR 67-0673	ROSS K J AFOSR 68-2594	ROWLANDS G AFOSR 67-1912	RUNSTADLER P W AFOSR 68-0648
ROSEN W AFOSR 67-0901 AFOSR 67-0906 AFOSR 67-1666	ROSS W D ARL 67-0004U ARL 67-1122A ARL 68-0046U ARL 68-0140V ARL 68-0217U ARL 68-1438A	ROY R AFOSR 68-0641 AFOSR 68-0914	RUNSTADLER P W JR ARL 67-0142U
		HUBBERT P E AFOSR 67-1166	RUPERT G F APCRL 68-0383
		RUBEL L A AFOSR 68-0788	RUPPIN H APCRL 67-0256

RUSH M L AFOSR 67-1813	SACHS M AFOSR 68-0294	SALMUN V A AFCL 67-0813	AFOSR 68-2832
RUSHFORTH C K AFCL 67-0676 AFCL 67-0289	SACHS M AFCL 67-0027	SALOP A AFOSR 67-1111	SAPIRO N A AFOSR 68-2454
RUSSEL R D AFOSR 67-0943	SACKS B AFOSR 67-0870	SALPETER E E AFOSR 67-2034	SARABHAI V A AFOSH 68-0759
RUSSELL G K AFOSR 68-1703	SACTON J AFOSR 67-1005 AFOSR 68-1296	SALSEN G E AFOSR 68-1355 AFOSR 68-1356	SARACHIK M P AFOSR 67-0788 AFOSR 68-1111
RUSSELL H G AFOSH 68-0379	SADAGOPAN V AFOSR 68-0422	SALTSBURG M AFOSR 67-1898 AFOSR 67-2052 AFOSR 67-2264 AFOSR 67-2459 AFOSR 68-0846 AFOSR 68-1757 AFOSH 68-1941 AFOSH 68-2100 AFOSH 68-2219 AFOSR 68-2220 AFOSR 68-2223	SARACHIK P AFOSR 67-1238
RUSSELL J D AFOSR 67-2465	SADLER J C AFCL 67-0203		SARACHIK P E AFOSR 68-2112
RUSSELL J E AFOSR 68-0106 AFOSR 68-2241	SARNGER W AFOSR 67-2857		SARD A AFOSH 67-2553
RUSSELL J K AFOSR 67-1665 AFOSH 68-2802	SAEVA P O AFOSH 68-2233	SAMAODAR B M AFCL 67-0348 AFCL 67-0349	SARGENT C H ARL 68-0186V ARL 68-0201V
RUSSELL K C AFOSR 67-0507	SAGALYN R C AFCL 67-0158	SAMEROFF A AFOSR 67-1803	SARGENT M [I] AFOSR 68-1105 AFOSR 68-1106
RUSSE M ARL 68-1103M	SAGAN C AFOSR 68-1053	SAMPLE M H AFOSH 68-1080	SARGENT W L W AFOSR 68-0990
RUST J B AFOSH 68-2012	SAGARTZ M J AFOSR 68-2289	SAMPSON S F AFOSR 68-0473	SARIO L AFOSR 68-2616
RUSTGI M L AFOSR 68-0714	SAGE A P AFOSH 68-2026 AFOSR 68-2027 AFOS 68-2028 AFOSH 68-2029 AFOSR 68-2030 AFOSR 68-2045 AFOSR 68-2046 AFOSR 68-2047 AFOSR 68-2050 AFOSR 68-2202 AFOSR 68-2232	SAMSON E W AFCL 67-0341	SARMA G S R AFOSR 67-1508
RUSTUM R AFOSR 67-0051		SANCHEZ A AFOSH 67-1842	SARVER C E AFOSR 68-0201
RUTLEDGE C O AFOSR 68-0604 AFOSR 68-2712		SANCHEZ A D AFOSR 67-2694	SARWINSKI R J AFOSH 68-0786
RYALL A AFOSR 67-0529 AFOSR 68-1435	SAH C Y AFOSR 67-0107 AFOSR 67-0367 AFOSR 67-1151 AFOSR 67-1629 AFOSR 67-1650 AFOSR 67-1708 AFOSR 67-1975 AFOSR 68-1115 AFOSR 68-1482	SANDRENG G L AFCL 67-0102	SASS S L AFOSR 67-2794
RYAN C E AFCL 67-0436	SANHA D R AFAL 67-0004	SANDERS W T AFOSR 67-1905	SASSON A AFCL 68-0063
RYAN F B AFOSR 68-2652 AFOSR 68-2653	SANLSTROM G AFCL 68-0075	SANDIE W G AFCL 68-0006	SATO M AFOSR 67-2381 AFOSR 67-2383 AFOSR 67-2385 AFOSR 67-2626
RYAN M F AFOSR 67-1412	SAID M S AFOSR 67-0161	SANDHAN O J AFOSH 68-2234 AFOSR 68-2500	SATO R AFCL 67-0262 AFCL 67-0639 AFOSR 67-2141 AFOSR 67-2150 AFOSR 67-2707
RYAN N W AFOSR 67-2028 AFOSR 68-0034 AFOSR 68-0243 AFOSR 68-1191 AFOSH 68-1663	SAITO M MADE 67-0070	SANDRI G AFOSR 67-0067 ARL 67-0103U ARL 67-0150U ARL 67-0158U ARL 68-0136U ARL 68-1447M	SATO T AFCL 67-0291 AFOSR 68-1429
RYDBECK O E H AFCL 68-0067 AFCL 68-0077	SAKRISON D J AFOSR 68-2278	SANDROCK R AFOSR 68-0723	SAUR E AFOSH 67-2589
SAALFELD F E AFOSH 68-2517	SALANT R F AFOSR 68-0630	SANDS D E ARL 68-0321V ARL 68-0322V ARL 68-1431E	SAUTER F J AFOSH 68-24V1
SAAVEORA O AFOSR 68-2858	SALES G S AFCL 67-0170	SANDSTROM A E AFCL 68-0015 AFCL 68-0423 AFCL 68-0552	SAWADA T AFOSH 67-2555 AFOSR 67-2506
SABRACH E N AFCL 68-0092	SALISBURY J W AFCL 67-0043 AFCL 67-0514	SANFIRANPEZ G H AFOSH 68-0663	SANCHUK W AFCL 67-0473
SACHS A AFOSR 67-2131	SALMELA M A AFCL 68-0550	SANTELLI R M AFOSH 68-2131	SAWYER F ARL 67-0099T

SAMYER R F AFOSR 67-2004 AFOSR 67-2021 AFOSR 68-0228 AFOSR 68-1204 AFOSR 68-1624	SCHNECHTER I AFOSH 67-2343 AFOSR 68-1692 AFOSR 68-2701	AFOSR 68-1442 AFOSR 68-1473 AFOSR 68-2743	SCHNEIDEN J H ARL 67-1290A ARL 68-0185V ARL 68-0246V ARL 68-0252V ARL 68-0305V
SAKHA N M AFOSH 68-1530	SCHNECHTER J AFOSR 67-0027	SCHNEIDER M M AFOSR 67-1729	SCHNEIDER J S ARL 68-0250V
BAKER R K ARL 67-0247V	SCHREGG A M AFCHL 67-0357 AFCHL 68-0532	SCHIELS B C AFOSR 67-0547	SCHNEIDER B AFOSR 67-1320
SCADRON M AFOSR 67-140V	SCHIECH J T AFOSR 67-0361	SCHIFF L I AFOSR 67-0571 AFOSR 67-0576 AFOSR 67-2056 AFOSR 67-2823 AFOSR 68-1426	SCHNIEDERMAN A M AFOSR 67-0418
SCADRON M D AFOSR 67-166.1 AFOSR 67-1704	SCHPIN E M AFOSH 68-1408	SCHIFFEN M AFOSR 68-0446 AFOSH 68-2814 AFOSR 68-2615 AFOSR 68-2616 AFOSR 68-2617 AFOSR 68-2680	SCHNELL W C AFOSR 68-2588
SCAGGS H E ARL 67-0154V ARL 67-1220A	SCHELL A C AFCHL 67-0494	SCHIFFER M M AFOSR 68-2613 AFOSR 68-2647	SCHNODDER H B AFOSR 67-1141
SCALA S M AFOSR 67-0605	SCHCLLER K ARL 67-0271T ARL 67-1101A ARL 67-1124A ARL 67-1125A ARL 67-1127A ARL 68-0013V ARL 68-0118T ARL 68-0177V ARL 68-0314V ARL 68-0320V ARL 68-0327V ARL 68-1045A ARL 68-1072A ARL 68-1073A ARL 68-1074A ARL 68-1076A ARL 68-1082A ARL 68-1301A ARL 68-1433A	SCHILO A AFOSH 67-0379	SCHNYDERS M AFOSH 67-004H
SCALAPINO D J AFOSR 67-0373 AFOSH 67-0438	SCHENCK A AFOSH 68-1107	SCHILLING C L JH AFOSR 67-2422	SCHONBRACH K AFCHL 67-0544
SCARAMELLI P AFOSH 67-1347	SCHENPF J M AFOSR 67-0540	SCHIMMEL M R AFOSR 67-2099 AFOSH 67-2513 AFOSR 68-0868 AFOSH 68-1488	SCHRADE M O ARL 67-0119T ARL 67-0129V ARL 68-0198T ARL 68-0211T ARL 68-1002A ARL 68-1133C
SCARSI L AFCHL 67-0493 AFCHL 68-0173	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	SCHRAM P J M AFOSR 68-0978
SCHADACH D J AFOSR 67-1080	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	SCHRAM J AFOSR 68-1088
SCHADEE A AFOSR 67-1013 AFOSR 67-1090 AFOSH 67-1184 AFOSR 68-0904 AFOSR 68-1156	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	SCHRAUB F A AFOSR 67-0608 AFOSR 68-0648
SCHAEFER E M AFOSR 67-1277	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	SCHREIBER E AFOSR 67-0142 AFOSH 67-1227 AFOSR 68-1452 AFOSR 68-1514
SCHAEFER F J ARL 68-0017	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	SCHREIBER P B ARL 67-0179T ARL 67-1075A ARL 67-1278C ARL 68-1128A ARL 68-1129L ARL 68-1130L ARL 68-1131L ARL 68-1132L ARL 68-1133L ARL 68-1135L ARL 68-1136A ARL 68-1137A
SCHAEFER J F AFOSR 67-0584 SHL 68-0016	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	SCHREIBER M AFOSH 67-0744
SCHAEFER M C AFCHL 67-032V	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	SCHREIBER T J AFOSR 67-2601
SCHAEFER R M AFCHL 67-0691	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	SCHROEDER D K AFOSH 68-1115
SCHANZ P AFCHL 67-0049	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	SCHUBOT E AFOSR 67-2724
SCHAPPERT G T AFCHL 67-0323 AFCHL 68-0169 AFCHL 68-0218 AFCHL 68-0345	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	SCHUBOT E D AFOSR 67-1803
SCHARFMAN H E AFCHL 68-0192	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	SCHULER A H AFOSR 68-0298
SCHAUBLE J J ARL 68-1229H	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	SCHULTZ J W AFOSR 67-2760
SCHAEWER L D AFOSR 67-0944 AFOSR 68-1936	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	
SCHNECHTER M AFOSR 68-2701	SCHENCK A AFOSH 68-1107	SCHINDLER J K AFCHL 67-0602	

SCHULTZ R ARL 66-1461B ARL 66-1462B	SCHWARTZ K W AFOSR 67-1016 AFOSR 66-2227	SEARLS D T AFOSR 67-0986	SEEVERY H AFOSR 66-1843
SCHULTZ-GRUNOV P ARL 66-0222B	SCHWARTZ S E AFOSR 67-0361 AFOSR 66-0094 AFOSR 66-2117	SEARR W R AFOSR 67-1924	SEKERA Z AFOSR 67-0089 AFOSR 67-0191
SCHULTZ G J AFOSR 66-2309	SCHWARTZSCHILDO M AFOSR 66-0961 AFOSR 66-1046	SEASHORE C R AFOSR 67-0457	SEKERKA R F AFOSR 66-1518
SCHULTZ H J ARL 67-0201V ARL 67-1339B	SCHWENDIMANN P AFOSR 67-1918	SEATON A F AFOSR 67-0090	SEKINO T AFOSR 67-1480
SCHULTZ W J ARL 67-0247V	SCHWINGEN J AFOSR 67-0471 AFOSR 67-0474 AFOSR 67-1148 AFOSR 67-1718 AFOSR 67-1863 AFOSR 67-1960 AFOSR 67-2528 AFOSR 66-0620 AFOSR 66-0940	SEATON W J ARL 67-1384B	SELA M AFOSR 67-0610 AFOSR 67-2343 AFOSR 67-2349 AFOSR 67-2350 AFOSR 66-0820 AFOSR 66-0834 AFOSR 66-0836 AFOSR 66-0837 AFOSR 66-2701 AFOSR 66-2726
SCHUNAKER J ARL 66-1103B	SCHWINGER V AFOSR 66-1329	SEBIESE C ARL 66-1378L	SELBERG A AFOSR 66-2099
SCHUNAKER K M ARL 66-1136A	SCHWUTKE G M AFOSR 67-0564 AFOSR 66-0178	SEDLAR M AFOSR 67-1866	SELFRIDGE R G AFOSR 67-2153
SCHUMAN M K AFOSR 67-0552	SCIAMA O W ARL 67-1332N	SEEBASS R AFOSR 67-0280	SELIGA T A AFOSR 67-0425 AFOSR 66-0178
SCHURER P AFOSR 66-2015	SCIUTO S AFOSR 66-1241	SEEGEN M AFOSR 67-1636	SELJAAS K G AFOSR 67-0336 AFOSR 66-0306 AFOSR 66-0538
SCHURIN B AFOSR 67-0064	SCLAR C O AFOSR 66-0441	SEELEY J S AFOSR 66-0496	SELL G R AFOSR 66-2589
SCHUTZENBERGER M P AFOSR 66-0143 AFOSR 66-0369 AFOSR 66-1824	SCOPP T S AFOSR 67-0227	SEELY L H AFOSR 67-0413 AFOSR 67-2036 AFOSR 66-1265	SELLERS M AFOSR 67-0613 AFOSR 66-0585
SCHVARNBERG J E ARL 67-0213V ARL 66-1075A	SCOTT B L AFOSR 66-2273	SEENANN G R AFOSR 67-0687	SELLEVOLL M A AFOSR 67-1370
SCHWARTZ A AFOSR 66-2552	SCOTT B W AFOSR 67-0500	SEES J E AFOSR 66-1366	SELLTZ C AFOSR 67-0073 AFOSR 67-1394 AFOSR 67-1403
SCHWARTZ B B AFOSR 67-0372 AFOSR 67-1841 AFOSR 67-2424 AFOSR 66-0021 AFOSR 66-0569 AFOSR 66-1091	SCOTT H E AFOSR 66-0247	SEGAL B G AFOSR 66-0365	SELVYN L L AFOSR 67-2018
SCHWARTZ C AFOSR 67-2567 AFOSR 66-1057	SCOTT L AFOSR 66-0167 AFOSR 66-0372 AFOSR 66-0465	SEGAL M A AFOSR 67-2019	SELVE M AFOSR 67-2362
SCHWARTZ C M AFOSR 66-0982	SCOTTATON G M AFOSR 66-0669	SEGAL S J AFOSR 66-1622	SEMENTA G AFOSR 66-0194 AFOSR 66-0195 AFOSR 66-0694 AFOSR 66-1398
SCHWARTZ M AFOSR 66-0152	SCRIBNER W G ARL 67-0189U ARL 67-0205U ARL 67-1191P ARL 66-0193U ARL 66-1468B	SEGALL M ARL 66-1352N	SEMLYEN J A AFOSR 67-1206
SCHWARTZ M M AFOSR 67-0578	SCRIVEN L E AFOSR 67-0064 AFOSR 67-0320 AFOSR 67-0401 AFOSR 67-1163 AFOSR 67-1964	SEGINEN A ARL 67-0005U ARL 67-0036V ARL 67-0121U ARL 66-0014U ARL 66-0015U ARL 66-0047V ARL 66-0155W ARL 66-0189B ARL 66-0216U	SEN H K AFOSR 66-0134 AFOSR 66-0506
SCHWARTZ J T AFOSR 67-2301 AFOSR 67-2648 AFOSR 66-1019	SCRIVEN M AFOSR 66-2796	SEGRE G AFOSR 67-0577 AFOSR 67-0584 AFOSR 67-0585 AFOSR 67-2457 AFOSR 67-2458 AFOSR 66-0429 AFOSR 66-1140 AFOSR 66-2215	SEN R M AFOSR 67-1513
SCHWARTZ R AFOSR 67-2674	SCULLY M O AFOSR 66-0117 AFOSR 66-1097	SEIDMAN L P AFOSR 66-2115	SENDELBECK R L AFOSR 67-1981
SCHWARTZ S E AFOSR 66-1164	SEAL C E AFOSR 66-1850	SEIMAN L P AFOSR 66-2115	SENGHAPHAN B AFOSR 66-0787
SCHWARTZ J M AFOSR 66-1227 AFOSR 66-1228 AFOSR 66-2534		SEIMARCO J A AFOSR 66-0332	SENIOR J B AFOSR 67-0544 AFOSR 67-0546

[illegible]

SHIDEMAN F E AFOSR 68-2339	ARL 68-14120 ARL 68-14160	SHVARTZ J AFOSR 68-1806	SIGELMANN R A AFCL 68-0963
SHIELD J L AFOSR 68-0789	SHISHA O ARL 67-0145V ARL 67-0226 ARL 67-0254V ARL 67-1263L ARL 67-1264L ARL 67-1266L ARL 68-0104V ARL 68-0176V ARL 68-0260V ARL 68-0350V ARL 68-0352V ARL 68-1241A ARL 68-1242A ARL 68-1243A ARL 68-1244A ARL 68-1245A ARL 68-1246A ARL 68-1247A ARL 68-1248A ARL 68-1250A ARL 68-1250A ARL 68-1250A ARL 68-1271L	SHV Y H AFOSR 67-2576	SIKLOSSY L AFOSR 68-1594
SHEN S AFOSR 68-2842		SHVU V H AFOSR 67-0427 AFOSR 68-0702	SILBERG P A AFOSR 67-0482
SHEN-I PAI ARL 68-0061U ARL 68-0062U ARL 68-1028R ARL 68-1028M ARL 68-1027M ARL 68-1028M ARL 68-1029M ARL 68-1030E ARL 68-1031M ARL 68-1032M ARL 68-1033M ARL 68-1034M ARL 68-1035M ARL 68-1036M ARL 68-1037M ARL 68-1038M ARL 68-1039M	SIAPACA E AFOSR 68-1448	SILBEY H AFOSR 67-1671 AFOSR 68-2483	
SHEN-I-PAI ARL 67-1206L	SHKAROFKY I P ARL 67-0020U ARL 67-0102U ARL 68-1446M	SICRE J E ARL 67-1120A	SILPAST W T AFOSR 68-1321
SHINA P ARL 68-1222M	SHOONAN H AFOSP 67-1918	SIDDOICE H V AFOSR 68-2895	SILLEN L G AFOSR 67-0952 AFOSR 67-1311
SHIMIZU H AFOSR 67-2263	SHOR R E AFOSR 67-0890 AFOSR 67-1839	SIECK L V ARL 67-1136E ARL 67-1168M ARL 68-0008V ARL 68-0095V	SILVA P R P AFOSR 68-0804
SHINGOIRA H AFOSR 67-2520	SHORE R V AFCL 67-0216	SIEGEL A AFOSR 67-1120	SILVER L AFCL 68-0143
SHIMOGAKI T AFOSR 68-1953	SHORE H B AFOSR 67-1060	SIEGEL B H AFOSR 68-0557	SILVERMAN L H AFOSR 68-1304
SHIN E Z AFOSR 67-0372	SHORT J R AFCL 68-0562	SIEGEL B V AFOSR 67-0205 AFOSR 67-0206	SILVERMAN S AFCL 67-0438
SHIN E E H AFOSH 67-0171	SHORT R A AFCL 67-0382	SIEGEL P AFOSR 68-0936	SILVERSTEIN L AFOSR 67-1800
SHEN H K AFOSR 68-0719 AFOSR 68-1370 AFOSR 68-1573 AFOSR 68-1731 AFOSR 68-1962 AFOSR 68-2253	SHRICKER J AFOSR 67-1087 AFOSR 68-0450	SIEGMAN A E AFOSR 67-1040 AFOSR 67-1401	SIMMERING L R AFCL 68-0191
SHINE H J AFOSR 67-0021 AFOSR 67-0022 AFOSR 67-1436 AFOSR 67-2332 AFOSR 68-0392 AFOSR 68-0420 AFOSR 68-1312 AFOSR 68-2777	SHUSBER A AFOSR 67-2658	SIEN H AFOSR 68-2840	SIMMONS M D AFOSR 67-1133
SHINER T AFOSR 67-2637 AFOSR 68-1123	SHUCHATOVITZ J AFCL 68-0829	SIENK H J AFOSR 67-1436 AFOSR 67-1437 AFOSR 67-1572 AFOSH 67-1608 AFOSR 67-1628 AFOSR 67-2621 AFOSR 67-2739 AFOSR 68-1474 AFOSR 68-1476 AFOSR 68-1477 AFOSR 68-1478	SIMMONS M D JR AFOSR 67-0111
SHINGLER K H AFCL 67-0413	SHUPFORD E H AFOSR 68-2155 AFOSR 68-2162	SIEVERS R E ARL 67-0066V ARL 67-0094T ARL 67-0122V ARL 67-0213V ARL 67-0214V ARL 67-0224 ARL 67-1119A ARL 67-1120A ARL 67-1121A ARL 67-1122A ARL 67-1123A ARL 67-1137E ARL 67-1161D ARL 67-1192D ARL 67-1241A ARL 68-0083V ARL 68-0148M ARL 68-1043A ARL 68-1044A ARL 68-1044A ARL 68-1076A ARL 68-1084M ARL 68-1178A ARL 68-1302A ARL 68-1307C ARL 68-1430E ARL 68-1438A ARL 68-1488B ARL 68-1488R	SIMON H A AFOSR 67-0260
SHINMAR R AFOSR 67-2226 AFOSR 67-2227 AFOSR 67-2723 AFOSR 68-0634 AFOSR 68-0639 AFOSR 68-2819	SHUFORD E H JR AFOSR 68-2154 AFOSR 68-2156 AFOSR 68-2157 AFOSR 68-2158 AFOSR 68-2159	SIMON I AFOSH 68-2152	SIMON H AFOSR 67-2635 AFOSR 68-1051
SHIOZAKA L R ARL 67-0149U ARL 67-0190U ARL 68-0153U ARL 68-1417B	SHUGART H A AFOSR 67-0961	SIMON M S AFOSR 67-2857	SIMON T AFOSH 68-2152
SHIRLAND P A ARL 67-0282U ARL 67-1319B	SHUNAN R AFCL 67-0633	SIMONEN T C ARL 67-0012U ARL 68-0338M ARL 68-0340B ARL 68-1042B	SIMPSON J A AFOSR 67-1061 AFOSR 67-1198 AFOSR 67-1204 AFOSR 67-1212 AFOSR 67-1611 AFOSR 68-0654 AFOSR 68-0707 AFOSR 68-0886
	SHUTT R L AFCL 67-0390	SIMPSON S ARL 67-10821	
	SHVO T AFOSR 67-2483	SINANOGLOU O AFOSR 68-2871	
		SIEVERS R S ARL 67-0095V	

SING C V AFCL 66-0082	SKINMEN J P AFOSR 66-0216 AFOSR 66-1075	SMILEN L I AFCL 67-0836 AFCL 66-0279	AFOSR 66-1178
SINGER J AFOSR 67-0467 AFOSR 67-1929 AFOSR 67-1942 AFOSR 67-2442 AFOSR 66-0065 AFOSR 66-0629 AFOSR 66-0670 AFOSR 66-1468 AFOSR 66-1787 AFOSR 66-1934 AFOSR 66-1964 AFOSR 66-2352	SKLENSKY A P AFCL 67-0294	SMITH B L AFOSR 66-1694 AFOSR 66-1723	SMITH J S II ARL 67-1109A ARL 66-1230E
SINGER J R AFOSR 66-	SKOPRONICK J G AFOSR 66-0905	SMITH C L AFOSR 66-2641 AFOSR 66-2784	SMITH J V ARL 66-0061V ARL 66-1174A
SINGER P AFOSR 67-1749	SKOVE M J AFOSR 67-0352 AFOSR 67-1100 AFOSR 67-1102 AFOSR 66-0013	SMITH C P AFCL 67-0309	SMITH N B AFOSR 66-2164
SINHA R ARL 66-0160U	SKUIT M R AFOSR 67-1254	SMITH D AFCL 67-0092	SMITH N K AFOSR 66-1245
SINSKY J AFOSR 67-1615	SKWARCZYNSKI N AFOSR 66-2596 AFOSR 66-2602	SMITH D C AFOSR 66-1198 ARL 67-0159U	SMITH P R AFOSR 66-2132
SINSKY J A AFOSR 66-1284	SLACK P P AFCL 67-0665 AFCL 66-0263	SMITH D M AFOSR 67-2205	SMITH R AFCL 67-0613
SIRIGNANO V A AFOSR 67-1535 AFOSR 66-1792	SLATTEN C J AFCL 67-0241 AFCL 67-0476 AFCL 66-0052	SMITH D R AFCL 67-0350 AFOSR 66-0886 AFOSR 66-2432 AFOSR 66-2623	SMITH R C ARL 66-0364V
SIRKIS M D AFCL 67-0056 AFCL 67-0292	SLEVIN P J AFOSR 67-1324 AFOSR 66-0758 AFOSR 66-2725 AFOSR 66-2750	SMITH E AFOSR 67-1806	SMITH R S AFCL 67-0532
SISSENNINE N AFCL 66-0550	SLIPKIN L AFOSR 67-1670	SMITH E E AFOSR 67-1804 AFOSR 67-1820	SMITH R V AFOSR 67-1033 AFOSR 66-1982
SJOGREN H AFCL 66-0074	SLODONIK A J JR AFCL 67-0143 AFCL 66-0198	SMITH H AFOSR 66-2479	SMITH S D AFCL 66-0496 ARL 66-1374A
KEEN C M AFCL 67-0102	SLOVAN R ARL 66-0215U ARL 66-1335B	SMITH H E ARL 67-0031V ARL 67-0056T	SMITH S S AFOSR 66-2652
SKEMAN J B AFCL 67-0603	SLOVEY J AFCL 67-0403 AFCL 67-0730	SMITH H J P AFCL 67-0542	SMITH T F AFOSR 67-0180 AFOSR 67-1211 AFOSR 67-1213 AFOSR 67-2408 AFOSR 67-2409 AFOSR 66-0641 AFOSR 66-0926 AFOSR 66-1806
SKELL P S AFOSR 67-0044 AFOSR 66-2584 AFOSR 66-2598 AFOSR 66-2599 AFOSR 66-2600 AFOSR 66-2604 AFOSR 66-2605 AFOSR 66-2606 AFOSR 66-2607 AFOSR 66-2608 AFOSR 66-2609 AFOSR 66-2910	SLUSSEN W P AFCL 66-0255	SMITH H L AFOSR 67-0012	SMITH V M JR AFOSR 66-1120 AFOSR 66-1186
SKERBELE A AFOSR 67-0103 AFOSR 67-0164 AFOSR 66-2594	SLUTSKY B AFOSR 66-0467	SMITH H T U AFCL 67-0603	SMITH W T JR AFOSR 67-1185
SKIPSTAD J G ARL 67-0226V	SMANULA A AFCL 67-0645	SMITH M W AFCL 67-0540 AFOSR 67-1565 AFOSR 67-1589 AFOSR 67-1768 AFOSR 66-2410	SMOLDEREN J J AFOSR 67-0414 AFOSR 67-2059
SKILLMAN B ARL 66-0244V ARL 66-1410B	SMART D F AFCL 67-0082 AFCL 67-0099 AFCL 66-0030	SMITH J E AFOSR 67-2006 AFOSR 66-2180	SMOLEN J J AFOSR 67-0830
SKINNER C B ARL 66-0320V	SMART J S AFOSR 66-2083	SMITH J M AFOSR 66-1636 AFOSR 66-1639	SMULLYAN R M AFOSR 67-1504 AFOSR 67-1524 AFOSR 67-1525
SKINNER G B ARL 67-1124A	SMELTZER S S AFOSR 67-2633	SMITH J N AFOSR 67-2459 AFOSR 66-2219	SMOODIN I N AFOSR 67-1267 AFOSR 66-0815 AFOSR 66-0832 AFOSR 66-0853 AFOSR 66-1285 AFOSR 66-1729 AFOSR 66-562
SKINNER G I AFOSR 66-2354	SMELTZER W M AFOSR 67-0322	SMITH J N JR AFOSR 67-1808 AFOSR 67-2052 AFOSR 67-2284 AFOSR 67-2431 AFOSR 66-0846 AFOSR 66-1757 AFOSR 66-1941 AFOSR 66-2100 AFOSR 66-2220 AFOSR 66-2223 AFOSR 66-2581	SMOED R J AFAL 67-0139
	SMELTZER W W AFOSR 67-1085 AFOSR 67-1358 AFOSR 67-2650 AFOSR 66-1148	SMITH J R JR AFOSR 67-1593	SMELLING O R AFOSR 67-2842
	SMEDDY M AFCL 67-0158		SNOW E M AFCL 67-0067 AFCL 67-0381 AFCL 66-0045

APCRL 68-0321	SOLONOFF R J APCRL 67-0462 AFOSR 68-1263	SPENCE H D AFOSR 68-0050	SPRAGUE J M AFOSR 68-2718
SAUS C C AFOSR 68-2686	SOLTYSIK E A AFOSR 67-1218	SPENCER D L AFOSR 67-0081 AFOSR 67-0231 AFOSR 67-1873	SPRINGER C S ARL 67-10141 ARL 67-1137E
SNUGGS R M AFOSR 68-2682	SOMMER E J JR AFOSR 68-1640	SPENCER W R AFML 67-0290	SPRINGER C S JR ARL 67-0094T ARL 67-0132V ARL 67-1046A ARL 67-1047A ARL 67-1113A ARL 67-1342A ARL 68-0083V ARL 68-1004A ARL 68-1005A ARL 68-1009A ARL 68-1179N
SNYDER M A APCRL 67-0166	SON J S AFOSR 67-2135	SPENDLOVE L B ARL 67-11610 ARL 67-11920	
SNYDER L C AFOSR 67-2054	SON N D AFOSR 67-1002	SPERLICH M AFOSR 67-2181	
SO S S AFOSR 67-0466	SONJU O K AFOSR 68-2020	SPERRY L L AFOSH 68-2786	SPRINGETT H E AFOSR 67-1739 AFOSR 68-0111
SOEL E AFOSR 68-1428	SONTAG C R AFOSH 67-0714	SPIALTER L ARL 67-0028V ARL 67-0040V ARL 67-0079V ARL 67-0118V ARL 67-0167U ARL 67-0228V ARL 67-1109A ARL 67-1114A ARL 67-1115A ARL 67-1116A ARL 67-1117A ARL 67-1118A ARL 67-1190D ARL 67-1242A ARL 67-1341A ARL 68-0191V ARL 68-0316V ARL 68-0346V ARL 68-1010A ARL 68-1011A ARL 68-1012A ARL 68-1013A ARL 68-1014A ARL 68-1066A ARL 68-1067A ARL 68-1081A ARL 68-1083N ARL 68-1229A ARL 68-1230E ARL 68-1303A ARL 68-1434A	SQUIRES T G AFOSR 68-1591
SOEL M AFOSR 67-1089	SOPER G K ARL 68-1124N		SRINATH M D AFOSR 68-2022
SOCHA A J ARL 68-0132U	SOPER R M AFIRL 67-0596		SRINGER C S JR ARL 67-0098V
SOCHATZ M AFOSR 67-2329	SORNES A AFOSR 67-1370 AFOSR 68-1424		SRINIVASAN C V APCRL 67-0563 APCRL 67-0568 APCRL 67-0619
SODICKSON L APCRL 68-0411	SOSNOWSKI J A APCRL 68-0332		SRINIVASAN R AFOSH 68-2182
SODICKSON L A APCRL 68-0300	SOTAK A C ARL 68-0151U		SRIVASTAVA P K AFOSR 68-0306
SOEHNGEN E E ARL 68-1234L ARL 68-1308L ARL 68-1309L ARL 68-1310L ARL 68-1311L ARL 68-1312L ARL 68-1313L ARL 68-1314L ARL 68-1315L ARL 68-1316L ARL 68-1317L ARL 68-1318A ARL 68-1319L ARL 68-1320L ARL 68-1321A ARL 68-1322A ARL 68-1323A ARL 68-1324L ARL 68-1325L ARL 68-1326L ARL 68-1327L	SOTELO J R AFOSR 68-2173		SRIVASTAVA R C AFOSR 67-0199
	SOFER S AFOSR 68-1124		SRIVASTAVA V C ARL 67-1294N
	SOUDACK A L AFOSR 68-1292 AFOSR 68-2251 AFOSR 68-2322	SPICER V E APCRL 67-0405 ARL 68-0247U	SRVLEY F D AFOSR 67-1476
	SOUTMAN R M AFOSR 67-1516	SPICER E A AFOSR 68-1881	ST JOHN P A AFOSR 68-0338
	SOUTHERN T M AFOSR 67-1500	SPIES K P APCRL 68-0375	ST JOHN R M AFOSR 67- AFOSR 67-0940 AFOSR 68-1063 AFOSR 68-1128
SOFFER J AFOSR 67-2703	SOUTHGATE P D APCRL 67-0547	SPINRAD M AFOSR 67-1332	STACEY L M AFOSR 67-1383
SOGA M AFOSR 68-1514	SOUZA A F APCRL 68-0082	SPITZER W G APCRL 68-0106 AFOSR 67-0479 AFOSR 67-0636 AFOSR 67-2215 AFOSR 67-2216	STACKELBERG D P AFOSR 67-1322
SOLIANI G AFOSR 68-0567 AFOSH 68-1218 AFOSR 68-1242	SOVA R AFOSR 67-0865	SPLINTER R C AFOSR 68-2875	STADSNE S J AFOSR 68-1336
SOLININI D AFOSR 67-2064 AFOSR 68-00R2	SOVA W A ARL 68-0237W	SPOLSKY B AFOSR 67-0525	STADTER J P ARL 68-0273V
SOLONON R S AFOSH 68-1912	SPAIN R APCRL 67-0205	SPOONER C E AFOSR 67-1014	STAFFIN R AFOSR 68-2804
SOLONON E J AFOSR 67-0384 AFOSR 67-1521 AFOSR 67-1806 AFOSR 67-1987 AFOSH 67-1901 AFOSR 67-2446 AFOSR 68-1207 AFOSR 68-1209 AFOSR 68-1571 AFOSR 68-2088 AFOSR 68-2646	SPAIN R J APCRL 67-0204	SPOONER B APCRL 68-0016	STAFFORD J J AFOSR 67-2027
	SPANIER E M APCRL 67-0537 APCRL 68-0080 APCRL 68-0592	SPOORE B APCRL 68-0016	STAINMAN D AFOSR 67-1882
	SPEISER T W APCRL 67-0551	SPOURE B APCRL 68-0423	STARGOLD I AFOSH 67-0824
	SPELLMAN M I APCRL 67-0730	SPOURONG B AFOSH 68-1049	

STANDISH T AFOSR 67-2207 AFOSR 66-0449	STEIN F M AFOSR 67-0297 AFOSR 67-083A AFOSR 66-1256 AFOSR 66-2752	STEVENS E I AML 67-0011	STOMBLER M P AFOSR 67-1009
STANDISH T A AFOSR 67-2048	STEIN N AFOSR 67-1516	STEVENS J C AFOSR 66-0313	STONE D C AFOSR 66-0237 AFOSR 66-1599
STANKO W S AFCL 66-0170	STEIN T S AFCHL 66-0064	STEVENS K M AFCL 67-0499 AFCL 66-0446	STONE F G AFOSR 67-2287
STARK L SRL 67-0005	STEINBERG I R ARL 67-10091	STEVENSON D L AFOSR 67-2172 AFOSR 67-2191 AFOSR 67-2210	STONE F G A AFOSR 67-1128 AFOSR 67-2290 AFOSR 66-0351 AFOSR 66-0801 AFOSR 66-0886 AFOSR 66-0889 AFOSR 66-1133 AFOSR 66-1333 AFOSR 66-1335 AFOSR 66-1336 AFOSR 66-2140 AFOSR 66-2141 AFOSR 66-2614
STARKE R B AFOSR 67-0764	STEINBERGER S ARL 66-0342W ARL 66-0343W	STEVENS R W M AFOSR 67-2731 AFOSR 66-1827	
STARUSZKIEWICZ A AFOSR 67-0192 AFOSR 67-1843 AFOSR 66-0979	STEINER P A AFOSR 67-0385	STEWART A L AFCL 66-0537	
STARZAK M E AFOSR 66-0045	STEINFINK H AFOSR 67-1752 AFOSR 67-1917 AFOSR 67-2465 AFOSR 67-2737	STEWART D A AFCL 67-0014	STONE H S AFCL 67-0463 AFCL 66-0005
STATZ M AFCL 67-0084 AFCL 66-0234	STEINGRANDT W J AFOSR 67-2123	STEWART D J AFOSR 66-2841 AFOSR 66-2845	STONE J L AFOSR 67-1567 AFOSR 67-2138
STAUDER W AFCL 67-0086 AFOSR 67-0301 AFOSR 66-1435	STENEVI U AFOSR 66-1049	STEWART D K AFOSR 66-0190	STONE L D AFOSR 66-2787
STAUDER W S J AFCL 67-0023	STENGER V AFOSR 67-2734 AFOSR 66-0623 AFOSR 66-1024	STEWART C E AFOSR 67-0432	STONE M E AFOSR 66-1066
STAUFFER D AFOSR 66-1399	STENGLE T R AFOSR 67-0663 AFOSR 67-0729 AFOSR 67-1687 AFOSR 67-2387 AFOSR 67-2826 AFOSR 66-2675 AFOSR 66-2809	STEWART M R AFOSR 66-0949	STONE V L AFCL 67-0646 AFCL 67-0647
STEAD H P ARL 67-10581 ARL 67-1326A	STEPHEN M J AFOSR 67-2763 AFOSR 67-2768 AFOSR 67-2769 AFOSR 66-1362	STEWARTSON K ARL 67-1068M	STORCH L AFAL 67-0221
STEAR E B AFOSR 66-0917 AFOSR 66-0918 AFOSR 66-2601	STEPHEN H Q AFOSR 66-0896	STICKFORD G AFOSR 66-2640	STORROW J K AFOSR 67-1350
STEARMAN R O AFOSR 66-0382 AFOSR 66-0516 AFOSR 66-0750 ARL 67-0006U	STEPHENS E D ARL 67-1344C ARL 67-1345C ARL 66-1219A	STICKLEY C M AFCL 67-0223	STORVICK D A AFOSR 67-2759 AFOSR 67-2767 AFOSR 66-2526
STEBBINS C F SRL 67-0006 SRL 66-0006	STEPHENS T AML 67-0283U	STICKSEL P R AFCL 67-0387	STRAIT B J AFCL 67-0088 AFCL 67-0230 AFCL 67-0552 AFCL 66-0110 AFCL 66-0542
STECK G P ARL 67-0253W	STEPHENSON L M AFOSR 67-0109 AFOSR 66-0835 AFOSR 66-1681	STILLWELL E P AFOSR 67-0392 AFOSR 66-0913	STRAITON A W AFOSR 67-0832
STED A J AFCL 61-0220	STEHN E A AFOSR 66-1675	STILLWELL E P JR AFOSR 67-2189	STRATA P AFOSR 67-2539 AFOSR 67-2544
STEEL C AFOSR 67-0709 AFOSR 66-1908 AFOSR 66-1912	STERN M AFOSR 66-1493	STINAFF R D AFOSR 66-0773	STRAUGHAN B P AFOSR 66-1531
STEELE M A AFCL 66-1563 AFOSR 66-1564	STERN R M AFOSR 67-0454 AFOSR 66-1464	STITZ C O ARL 67-1219A	STRAUSS F M AFCL 63-0100
STEFFENS F J AFOSR 66-2799	STEYER M J AFOSR 67-2329 AFOSR 66-2108	STOCKHAM L W ARL 67-0210U	STRAUSS J C AFOSR 67-2518
STEM R M AFOSR 67-2653 AFOSR 67-2654	STEYER J W ARL 66-0774T ARL 66-12284	STOCKMAYER W H AFOSR 66-1728	STRAYER D M AFOSR 66-2268
STEIJN H P AFML 67-0091		STODHART F J ARL 67-0069U ARL 67-0133U ARL 67-1232M	STREETMAN R G AFCL 67-0292 AFOSR 67-1976
STEIN E J AFOSR 66-2736		STOECKMANN F ARL 67-1243Y ARL 67-1309M	STRECHOW R A AFOSR 66-2343
		STOJANOFF C G AFOSR 67-0834	

STREITWIESER A AFOSR 67-0730 AFOSR 67-0731	SUCHNER M AFOSR 67-1800	SUSSKIND L AFOSR 67-1196 AFOSR 67-2831 AFOSR 68-0875 AFOSR 68-0987	SWEET T R ARL 68-0210U
STREITWIESER A JR AFOSR 68-1092 AFOSR 68-1166	SUCHNER J AFOSR 68-1971	SUSSMAN M B AFOSR 68-0348	SWEIGART A AFOSR 68-1822
STRICKER J AFOSR 67-0567	SUDARSHAN E C G AFOSR 68-2501	SUTCLIFFE S AFOSR 68-0245	SWENSON L W AFOSR 68-0595
STROBELE R AFOSR 67-0871	SUGA K AFOSR 68-0186 AFOSR 68-2658	SUTHERLAND A D AFOSR 67-1063 AFOSR 68-1723	SWENSON P B AFOSR 67-0031
STROM J A AFOSR 67-0454	SUMI H AFOSR 67-0104 AFOSR 67-0971 AFOSR 67-1057 AFOSR 67-1754 AFOSR 68-0425 AFOSR 68-0585 AFOSR 68-1688 AFOSR 68-1749 AFOSR 68-1829 AFOSR 68-1840	SUTIN C I AFOSR 68-1908	SWENSSON J W AFOSR 67-0095 AFOSR 67-0479
STROMBERG J O AFOSR 67-0105	SUMI S AFOSR 67-0754	SUTKEN P B AFOSR 68-0824	SWENSSON R G AFOSR 67-2743 AFOSR 68-0873
STRONGIN M AFOSR 68-0883	SUKYS R AFOSR 67-0338 AFOSR 68-0336	SUTTON G H AFOSR 67-0326	SVETS J A AFOSR 67-0412
STRUMWASSER F AFOSR 67-1371 AFOSR 67-2633	SULLIVAN B F AFOSR 67-0424	SUTTON J AFOSR 67-2695 AFOSR 68-1121	SWIDER W AFOSR 67-0468
STUART M C AFOSR 67-1993	SULLIVAN G A ARL 67-0190U ARL 67-13188 ARL 68-0153U ARL 68-14178	SUTTON J C AFOSR 68-1322	SWIFT R D AFOSR 68-1844
STUBBERUD A R AFOSR 68-0839 AFOSR 68-1850 AFOSR 68-2601	SULLIVAN J C ARL 67-0077V	SUZUKI I AFOSR 67-2643 AFOSR 68-0207	SWIGART J I AFOSR 68-0065
STUCKY G L AFOSR 67-1029	SULLIVAN P D AFOSR 68-1312	SUZUKI R AFOSR 67-2680	SWIHART J C AFOSR 67-0373 AFOSR 67-0438
STUDDEN W ARL 67-1304H	SULLIVAN W M AFOSR 67-0127	SVENSSON T H AFOSR 68-2711	SWINGS P AFOSR 67-0303
STUETZER I AFOSR 67-0388	SUMIYAKI T ARL 67-1308H	SVENSSON T H AFOSR 68-2711	SWINK J AFOSR 67-1004
STUKEL D J ARL 68-0302V ARL 68-0303V ARL 68-1428L ARL 68-1481A ARL 68-1482A ARL 68-1486A ARL 68-1487C	SUN D E AFOSR 67-0389	SVENSSON T H AFOSR 68-2711	SWITHENBANK J AFOSR 67-0842 AFOSR 68-1195
STUPP Y AFOSR 67-2349 AFOSR 68-0536 AFOSR 68-0537	SUNG C C AFOSR 67-1207 AFOSR 67-2785 AFOSR 67-2798 AFOSR 68-0866	SVENSSON T H AFOSR 68-2711	SWITZER C L AFOSR 67-0513
STURROCK P A AFOSR 67-0009 AFOSR 67-0010 AFOSR 68-1750 AFOSR 68-1808 AFOSR 68-1809 AFOSR 68-1824 AFOSR 68-1842 AFOSR 68-1845 AFOSR 68-1890 AFOSR 68-2414 AFOSR 68-2652	SUN C T AFOSR 68-1387	SVENSSON T H AFOSR 68-2711	SWORDER D D AFOSR 67-0366 AFOSR 68-0814
SU C C AFOSR 67-0422 AFOSR 68-1807	SUN D E AFOSR 67-0389	SVENSSON T H AFOSR 68-2711	SYKES J AFOSR 68-2336 AFOSR 68-2360
SU C H AFOSR 68-1062	SUN D E AFOSR 67-0389	SVENSSON T H AFOSR 68-2711	SYKES L R AFOSR 67-0327 AFOSR 68-0365 AFOSR 68-0623
SU L S AFOSR 67-0269	SUN D E AFOSR 67-0389	SVENSSON T H AFOSR 68-2711	SYMONS M C AFOSR 68-0842
SUCHNER J AFOSR 67-1002 AFOSR 67-1393 AFOSR 67-2261 AFOSR 67-2703 AFOSR 68-0974 AFOSR 68-1632 AFOSR 68-2759	SUN D E AFOSR 67-0389	SVENSSON T H AFOSR 68-2711	SYMONS M C R AFOSR 67-0191
	SUN D E AFOSR 67-0389	SVENSSON T H AFOSR 68-2711	SYMS G H AFOSR 68-0037
	SUN D E AFOSR 67-0389	SVENSSON T H AFOSR 68-2711	SVZ M G AFOSR 67-0900
	SUN D E AFOSR 67-0389	SVENSSON T H AFOSR 68-2711	SZABO I AFOSR 67-0059 AFOSR 68-0074 AFOSR 68-0075
	SUN D E AFOSR 67-0389	SVENSSON T H AFOSR 68-2711	SZEBENELY V AFOSR 67-0293 AFOSR 67-0295 AFOSR 67-0378 AFOSR 67-0635 AFOSR 67-1251

AFOSR 67-2160 AFOSR 67-2817 AFOSR 68-0339	TAMAGNO J AFOSR 68-0467	TARNY R W AFOSR 67-0067	TAYLOR K N H AFOSR 68-1542 AFOSR 68-1543
SZECHENYI V G AFOSR 67-0376	TAMBURINO L A ARL 67-0029V	TARR C E AFOSR 67-1353 AFOSR 68-0931 AFOSR 68-1687	TAYLOR M I AFOSR 67-1994
SZEKERES G ARL 67-1330M	TAMIR T AFOSR 67-1602	TARSHIS L A AFOSR 68-1499	TAYLOR M L ARL 68-1489R
SZILLINSKY A AFOSR 68-0425	TAMME D AFOSR 68-2614 AFOSR 68-2615	TART C T AFOSR 67-2724	TAYLOR N S AFOSR 67-1676 AFOSR 67-2365
SZOMF A AFOSR 68-0421	TANUWA T AFOSR 68-0901	TASSO M AFOSR 68-0978	TAYLOR W A AFOSR 67-1845 AFOSR 67-2712
SZYMANSKI J T AFOSR 68-2757	TAN B T G AFOSR 68-0963	TASSOUL J L AFOSR 67-2666 AFOSR 68-2055 AFOSR 68-2521 AFOSR 68-2696	TAYLOR V C AFOSR 67-0208
TABOULT F D AFOSR 67-2849	TAN H S ARL 67-0181V	TASSOUL M AFOSR 67-2666 AFOSR 68-2085 AFOSR 68-2521	TECHERNEV D I AFOSR 68-1353
TAMA M O AFOSR 67-0885 AFOSR 67-2766	TAN T Y AFOSR 68-0094	TATARIAN A AFOSR 68-0529	TEAGUE R K AFOSR 68-1562
TAMBLESON M H AFOSR 67-2344 AFOSR 67-2616	TANAKA Y AFOSR 67-0040 AFOSR 67-0109	TATSUYA S AFOSR 67-1307	TERBLE R S AFOSR 67-1961
TAJPEL M AFOSR 68-2329	TANG C K AFOSR 68-1559	TATTELMAN P I AFOSR 68-0232	TEEGARDEN K AFOSR 67-1387
TAJIMA Y A AFOSR 68-1355 AFOSR 68-1356	TANG C L AFOSR 67-0051 AFOSR 68-0021	TATTERSHALL B W AFOSR 68-1333	TEEGARDEN K J AFOSR 67-1155 AFOSR 67-1386 AFOSR 68-1742
TAKAHASHI M ARL 68-0115U	TANG R AFOSR 67-0171 AFOSR 68-0211	TAUR H AFOSR 67-0454 AFOSR 67-1450	TEFERTILLER B A AFOSR 68-2485
TAKED M AFOSR 68-0108 AFOSR 68-2105	TANI I AFOSR 68-0285	TAURITZ J L AFOSR 68-0225	TEICHNER W H AFOSR 67-1450 AFOSR 68-1516 AFOSR 68-1519 AFOSR 68-2706
TAKEZAWA S AFOSR 67-0940	TANKIN R S ARL 67-0016U ARL 67-0157U ARL 67-0218U	TAUSSIG R Y AFOSR 67-2078 AFOSR 67-2439	TEITELMAN W AFOSR 67-0458 AFOSR 67-0514
TAKMAN B H AFOSR 68-0357	TANNER D J AFOSR 68-0097	TAYLOR B A AFOSR 68-0948 AFOSR 68-2242	TELLER P AFOSR 68-0055
TALBOT L AFOSR 67-1897	TANNER R I ARL 68-0017U	TAYLOR B Y JR AFOSR 68-0826	TEMPLE D W AFOSR 67-1941
TALLAN M H ARL 68-1143L	TANNEH W P JR AFOSR 68-0457 AFOSR 68-1167	TAYLOR C W AFOSR 67-0896 AFOSR 67-1323	TEMPLETON F F AFOSR 67-0670
TALLAN M M ARL 67-0107V ARL 67-0115U ARL 67-0126V ARL 67-0147U ARL 67-0176V ARL 68-0046V ARL 68-0068V ARL 68-0159V ARL 68-0161V ARL 68-0186U ARL 68-0187U ARL 68-0188U ARL 68-0199V ARL 68-0234V ARL 68-0235V ARL 68-0268V ARL 68-0331V ARL 68-0332V ARL 68-1151C ARL 68-1160R ARL 68-1170B ARL 68-1171A ARL 68-1172A	TANNHAUSER D S ARL 67-0137W ARL 67-0144W ARL 68-0147W ARL 68-0159V ARL 68-0234V ARL 68-0268V ARL 68-0277V ARL 68-0331V ARL 68-1164V ARL 68-1169V	TAYLOR D W AFOSR 67-2037	TEMSHOK M W AFOSR 67-0657
TAM S V K AFOSR 68-0415	TAO S J AFOSR 68-2600	TAYLOR E C AFOSR 67-2403	TENG F L AFOSR 67-2187 AFOSR 68-1442
TAMADA K AFOSR 67-0209	TANDELLI J AFOSR 68-0811	TAYLOR H C AFOSR 67-1567 AFOSR 68-0735 AFOSR 68-1248 AFOSR 68-1796	TEORRELL V AFOSR 67-1693
	TARDY D C AFOSR 67-0624 AFOSR 68-1967 AFOSR 68-2139 AFOSR 68-2494	TAYLOR J AFOSR 67-0168	TEPLEY L AFOSR 67-0260
	TARIFA C S AFOSR 67-2691 AFOSR 68-1163 AFOSR 68-1165	TAYLOR J R AFOSR 67-0103 AFOSR 68-0269 AFOSR 68-0270	TEPLEY M AFOSR 67-0145 AFOSR 68-0691 AFOSR 68-0739
			TEPPATI G AFOSR 68-0505 AFOSR 68-1221
			TEPPLER G C AFOSR 68-1217

TERRELL J H
AFCL 67-0593
AFCL 68-0220

TERRY J O
ARL 67-0208V
ARL 67-1000L
ARL 67-1110A
ARL 67-1111A
ARL 67-1112A
ARL 68-0053V
ARL 68-0113T
ARL 68-0373V
ARL 68-1056A
ARL 68-1068A

TERST N
AFOSR 68-1132

TERZIAN Y
AFOSR 67-0801
AFOSR 67-1477
AFOSR 67-1977
AFOSR 68-1045
AFOSR 68-1048
AFOSR 68-1088

TETER M P
AFOSR 67-0477
AFOSR 67-0532

TEVAR J M
AFOSR 67-0558

THATHACHAR M A L
AFOSR 68-2022

THEODORIDIS G C
AFCL 68-0286

THEUMANN A
AFOSR 68-1465

THEME C
AFOSR 67-0866

THIRING W F
AFOSR 68-2876

THOMA P
ARL 67-0277U
ARL 67-1298M

TH
67-0319

AS B
A 77
A -2409

-1401

THOMAS P
AFCL 67-2375

THOMAS G J
AFOSR 68-0538

THOMAS J E
AFOSR 68-2044

THOMAS J H
AFOSR 67-1414

THOMAS J H
AFOSR 67-0174

THOMAS J D
AFCL 67-0144T
ARL 67-0175C

THOMAS L
AFOSR 67-021
AFOSR 67-0175

THOMAS R L
AFOSR 68-0657

THOMAS T F
AFOSR 67-0709
AFOSR 68-1908
AFOSR 68-1912

THOMASTIAN A
AFCL 68-0089

THOMPEN H A
ARL 67-10648

THOMMEN H U
ARL 67-0151U

THOMPSON
AFOSR 67-1994

THOMPSON C
AFOSR 68-1438

THOMPSON D H
AFOSR 68-0420

THOMPSON E D
AFOSR 67-0371
AFOSR 68-0558
AFOSR 68-0965
AFOSR 68-1324

THOMPSON H M
ARL 67-0069U
ARL 67-0203W

THOMPSON J H
AFCL 68-0606

THOMPSON P A
AFOSR 68-1096

THOMPSON R
AFOSR 68-0205

THOMPSON R C
AFOSR 67-0047
AFOSR 67-0545
AFOSR 67-1050
AFOSR 67-2378
AFOSR 67-2389
AFOSR 67-2390
AFOSR 68-0662
AFOSR 68-0691
AFOSR 68-1633
AFOSR 68-1955
AFOSR 68-2246
AFOSR 68-2807

THOMPSON T W
AFOSR 67-0169
AFOSR 68-1127

THOMPSON W J
AFOSR 67-0534
AFOSR 67-2181
AFOSR 68-0901
AFOSR 68-0903

THOMPSON L
AFOSR 68-1456

THOMPSON A
AFCL 67-0123

THOMPSON R C
AFCL 67-0111

THOMPS S A
AFOSR 67-1287

THOMPS R M
AFOSR 67-0175

THOMPTON T R
AFOSR 67-2701

THOMPTON J A
AFCL 68-0480

THUNBERG R
AFOSR 68-0193

THURNER F
AFOSR 67-1548

THYER N H
AFCL 67-0657

TIDMAN D A
AFCL 67-0340
AFCL 67-0341

TIEDERMAN W G
AFOSR 67-2063

TIEMBLA A
AFOSR 68-0123

TIEN J S
AFOSR 67-1535
AFOSR 68-1792

TIERNAN T O
ARL 67-1102A
ARL 67-1103A
ARL 67-1104A
ARL 67-1105A
ARL 67-1106A
ARL 67-1107A
ARL 67-1108A
ARL 67-1126A
ARL 67-1131A
ARL 67-1132A
ARL 67-1134A
ARL 67-1237A
ARL 67-1247A
ARL 68-0041V
ARL 68-0081V
ARL 68-0084V
ARL 68-0113T
ARL 68-0192V
ARL 68-0195V
ARL 68-0317V
ARL 68-0323V
ARL 68-0324V
ARL 68-0326V
ARL 68-1041A
ARL 68-1042A
ARL 68-1049C
ARL 68-1052A
ARL 68-1053A
ARL 68-1054A
ARL 68-1080A
ARL 68-1119A
ARL 68-1120L
ARL 68-1121L
ARL 68-1122G
ARL 68-1181A
ARL 68-1216A
ARL 68-1231E
ARL 68-1235A
ARL 68-1331A
ARL 68-1435A
ARL 68-1436A
ARL 68-1437A

TIFFANY U L
AFCL 67-0149
AFCL 68-0320

TIGGELEN A V
AFOSR 68-1203
AFOSR 68-1227
AFOSR 68-2636

TIGGLELEN A V
AFOSR 68-1203
AFOSR 68-1227

TIGGLELEN A V
AFOSR 68-1203
AFOSR 68-1227

TIGGLELEN A V
AFOSR 68-1203
AFOSR 68-1227

TIGGLELEN A V
AFOSR 68-1203
AFOSR 68-1227

TIGGLELEN A V
AFOSR 68-1203
AFOSR 68-1227

AFOSR 68-1518
AFOSR 68-1529
AFOSR 68-1544

TILLMAN J O
AFCL 68-0271

TINMERGEN N
AFOSR 67-1049
AFOSR 68-2390

TINDER W F
AFOSR 68-1109

TINDLE G L
AFOSR 68-0764
AFOSR 68-1142

TING C Y
AFCL 68-0347

TING L
AFOSR 67-0077
AFOSR 68-2822
ARL 68-0035W
ARL 68-0043W

TING T W
AFOSR 68-0706

TINHOFFER G
AFCL 68-0174
AFOSR 67-2435
AFOSR 68-0226
AFOSR 68-0236

TIPPING J W
AFOSR 67-0191

TIRONE G
AFOSR 67-1916

TIRUMALESA D
AFOSR 68-0744

TISCHER R L
ARL 67-1101A
ARL 68-0177V
ARL 68-0327A
ARL 68-1074A
ARL 68-1082A

TISON P
AFOSR 67-0667

TITTERTON P J
AFCL 67-0110

TIMARI S M
ARL 67-0015U
ARL 68-0151U
ARL 68-0353W

TJONABAH R L
AFOSR 68-0716

TOHEY A C
AFOSR 67-0938

TORIAS R S
AFOSR 67-0481
AFOSR 68-2803
AFOSR 68-2804
AFOSR 68-2805
AFOSR 68-2806

TORIAS R S
AFOSR 67-0481
AFOSR 68-2803
AFOSR 68-2804
AFOSR 68-2805
AFOSR 68-2806

TORIAS R S
AFOSR 67-0481
AFOSR 68-2803
AFOSR 68-2804
AFOSR 68-2805
AFOSR 68-2806

TORIAS R S
AFOSR 67-0481
AFOSR 68-2803
AFOSR 68-2804
AFOSR 68-2805
AFOSR 68-2806

TORIAS R S
AFOSR 67-0481
AFOSR 68-2803
AFOSR 68-2804
AFOSR 68-2805
AFOSR 68-2806

TODD S S AFOSR 67-1767	TRADARDI V AFOSR 67-2848 AFOSR 68-2789 AFOSR 68-2790	ANL 67-1340A ARL 68-0088E ARL 68-0186U ARL 68-0187U ARL 68-0188U ARL 68-0221U ARL 68-1172A	AFOSR 68-0831 AFOSR 68-0836
TORR302 M N AFOSR 67-0178 AFOSR 67-2092	TRAUGOTT S C AFOSR 67-2044 AFOSR 68-2840		TSENG D Y AFCRL 67-0809
TOLL J S AFOSR 67-1537	TRAUTMAN A AFOSR 68-0113	TRIVICH D ARL 67-0241W	TSENG F I AFCRL 67-0402 AFCRL 67-0489
TOLLIN G AFCRL 67-0590	TRAYLOR T G AFOSR 67-0219 AFOSR 67-0220 AFOSR 67-0459 AFOSR 67-1514 AFOSR 68-0432 AFOSR 68-0433 AFOSR 68-0436 AFOSR 68-2069	TRIVISONNO J AFOSR 67-0161 AFOSR 67-0787 AFOSR 67-1368	TSENG FUNG-I AFCRL 67-0310
TOMITA T AFOSR 67-0177 AFOSR 67-2604 AFOSR 68-0907		TROE J ARL 67-1091B	TSUI J B Y AFOSR 68-2642
TOMIZUKA C T AFOSR 67-1235 AFOSR 68-0954		TROIANO A W AFML 67-0082	TSVETOV V P AFCRL 68-0196
TOMOVIĆ R AFOSH 67-0451 AFOSR 67-0452 AFOSR 67-0463 AFOSR 67-1465	TREANDR C E AFOSR 68-1609	TROST B M AFOSR 67-1423 AFOSR 67-1427 AFOSR 67-1428 AFOSR 67-1431	TUAN S F AFOSR 67-2760 AFOSR 68-0156
TOMELLATO UV AFOSR 67-2314	TREBST A AFCRL 67-0442	TROTMAN-DICKENSON A F AFOSR 67-2043	TUCKER R B AFOSR 67-1465
TONG P AFOSR 67-2507 AFOSR 68-0221 AFOSR 68-0384 AFOSR 68-1232 AFOSH 68-1860	TREFALL H AFOSR 67-1314 AFOSR 68-1144 AFOSR 68-1334	TROTTER J E AFCRL 67-0558	TUCKER T C AFOSR 68-2447
TONIETTI T AFOSR 68-1218	TREFIL J S AFOSR 67-0574 AFOSR 67-0575 AFOSR 67-2033	TROUSDALE W L AFOSR 68-0020 AFOSR 68-1444 AFOSR 68-2764	TUCKER W M AFOSR 68-0486
TOONG T Y AFOSR 68-0630	TREICHEL P M AFOSR 67-0723	TROWBRIDGE C A AFCRL 68-0358 AFCRL 68-0382	TUNG C AFOSR 67-0077
TORALDO DI FRANCIA G AFCRL 67-0357 AFCRL 68-0532	TREIMAN S B AFOSR 68-0274 AFOSR 68-2265	TUNG-HSIEN L AFCRL 68-0276 AFCRL 68-0290	TUNG-MOW Y AFOSR 67-1864
TORCHIA O A AFOSR 68-0128	TRENTACOSTE N AFOSR 67-1997 AFOSR 68-0892	TURCOTTE D L AFOSH 67-0288 AFOSR 67-0697 AFOSR 67-1216 AFOSR 67-2167 AFOSH 68-0749	
TORDA T P AFOSR 68-1369 ARL 67-0058U	TREVE Y M AFCRL 68-0222	TURCOTT, F T AFCRL 67-0549	
TORRALBO A M AFOSR 67-2681	TREVERTON J A AFOSR 68-1528	TURIN G L AFOSR 68-2013 AFOSR 68-2448 AFOSR 68-2877	
TORRALBO P M AFOSR 68-1163	TRICKETT E A AFCRL 67-0509 AFCRL 68-0288	TURNER B L AFOSR 68-2033	
TORRENCE R ARL 67-1049H	TRICKEY S B AFOSR 68-1009	TURNER G AFOSR 68-0657	
TOTH L E AFOSH 67-0102 AFOSR 67-0103 AFOSR 67-2574 AFOSR 67-2575 AFOSR 68-0265	TRIEMAN S U AFOSR 68-2262	TURNER J AFCRL 67-0686	
TOULOUKIAN Y S AFOSR 67-0421	TRIKHA A K AFOSR 68-0242	TURNER J B AFCRL 67-0654 AFCRL 68-0148	
TOUZARO B AFOSR 68-1222	TRILLING L AFOSR 68-0464	TURNER L R AFOSR 67-0115	
TOULE L C AFCRL 67-0875	TRIMBLE V L AFOSH 67-2197	TURNER P J AFOSR 67-0289	
TOYAZAWA Y ARL 68-1058H ARL 68-1059H	TRIPATHY K C AFOSR 68-0187 AFOSH 68-0188	TURNER V AFCRL 67-0391	
TOYODA Y AFOSR 67-0186	TRIPP W ARL 68-1144H	TURNQ N J AFOSR 67-0290 AFOSR 67-0292 AFOSR 67-1516 AFOSR 67-1526 AFOSR 67-1672	
	TRIPP W C ARL 67-0115U ARL 67-0147U ARL 67-0160W ARL 67-0171V ARL 67-0176V		
		TSAN C K ARL 68-1287N	
		TSCHANG P S AFOSR 67-0769	
		TSE O AFOSR 67-2641	

AFOSR 67-1847 AFOSR 67-2185 AFOSR 67-2226 AFOSR 67-2515 AFOSR 68-0977 AFOSR 68-1556 AFOSR 67-1727 AFOSR 68-2449 AFOSR 68-2513 AFOSR 68-2586	ULLRICH S AFOSR 68-1107	UZKAN T AFOSR 67-2009	VAN PATER O M AFOSR 67-1218 AFOSR 68-0998
TURSKY F AF	ULNICH L AFOSR 67-1008	VACHENAUER P AFOSR 67-2582	VAN SCHAAK J R AFOSR 68-1508
TURYN H J AFCL 67-0365	ULRICH J AFOSR 68-1124	VACHINO R F SRL 68-0002 SRL 68-0017	VAN SCHMUS W AFCL 67-0012
TUTTE W T AFOSR 67-0737	UMERJEE R K AFOSR 67-0224 AFOSR 68-0358 AFOSR 68-1143	VAGLIO-LAURIN R AFOSR 67-1937	VAN SICKEL O E AFOSR 68-0359
TWEED J AFOSR 68-0815 AFOSR 68-0932 AFOSR 68-1760 AFOSR 68-1835 AFOSR 68-1847 AFOSR 68-2186 AFOSR 68-582	UMEZAWA H AFOSR 67-1513	VAHUT B AFOSR 67-2482 AFOSR 68-0770 AFOSR 68-1959	VAN SICKLE D E AFOSR 67-0900 AFOSR 67-0905
TWERSKY V AFCL 67-0224	UMFRIEE R K AFOSR 67-0222	VAJDA I AFOSR 67-0169	VAN TIGGELEN A ARL 67-0155 ARL 67-0156 ARL 68-0351W
TWITCHELL W P AFOSR 67-1608	UMILTA C AFOSR 68-2789 AFOSR 68-2790	VAJDA T AFOSR 67-1037	VAN TIGGELEN P J AFOSR 68-0131
TYLER J K AFOSR 68-2751	UNDERWOOD R L AFOSR 68-1664	VALA M AFOSR 67-1671	VAN VALKENBURG M E AFOSR 68-0327
TYRAS G AFCL 67-0294 AFCL 67-0300	UNGER I AFOSR 67-0637	VALASSI F AFOSR 68-0196	VAN VLECK J M AFOSR 68-2528
TYSON E L AFOSR 68-2146	UNKNOWN AFCL 67-0339	VALENTINE M ARL 67-12736	VAN-PINSVELT M A AFOSR 68-1384
TZUNG F AFOSR 68-1085 AFOSR 68-1618	UNTEREGGER P AFOSR 68-0236	VALENTINO P A AFCL 68-0279	VANBLARICUM G F JR AFCL 68-0362
UBERALL M AFOSR 67-0025	UNTEREINER G L ARL 67-1117A ARL 67-11900	VALLANCE JONES A AFCL 68-0121 AFCL 68-0157 AFCL 68-0500	VANCE E F AFCL 68-0083
UDOLSON O G AFCL 68-0569	UNTERLEITNER F C AFCL 67-0194	VALLIN J AFOSR 67-1449 AFOSR 67-1821 AFOSR 67-1833 AFOSR 67-1834 AFOSR 67-1835	VANCOUVERING A AFOSR 67-1410
UDIAS A AFOSR 67-2156 AFOSR 67-2717	URBAN M ARL 68-0343W	VAN ATTA C W AFOSR 68-1422	VANDERBURGH R C ARL 67-1325A ARL 67-1326A ARL 68-1140A
UMENBUSCH J ARL 67-0057U ARL 68-0074T	URRUTIA J L AFOSR 67-0098 AFOSR 68-0066	VAN DOGAERT L AFOSR 68-2698	VANFLEET M D AFOSR 68-0055
UMHORN R W AFOSR 68-2071	URSCHEL R L ARL 67-0180 ARL 68-0241V ARL 68-0258V ARL 68-0261V	VAN DE VAART M AFCL 67-0111 AFCL 68-0449	VANHOHN M M AFOSR 67-2034
UJLAKI E AFOSR 67-0647 AFOSR 68-0495	URTIEW D A AFOSR 67-0686 AFOSR 67-1895	VAN DRIEST E R AFOSR 67-2048 AFOSR 67-2369 AFOSR 67-2420 AFOSR 68-0092	VANPEE M AFOSR 68-0254
ULBRICH C W AFOSR 68-0015 AFOSR 68-0016	USAMI T AFCL 67-0291 AFOSR 68-1429	VAN DYKE J P AFCL 68-0631 ARL 68-1407B ARL 68-1410B ARL 68-1413B	VANVLAARICUM G F JR AFCL 68-0079
ULINSKI P S AFOSR 68-0217	UTECH F M OHA 67-0005	VAN DYKE M AFOSR 67-1576 AFOSR 67-2291	VANWORMER J D AFOSR 67-2708
ULLALAND S AFOSR 68-1334	UTHE E E AFCL 68-0522	VAN HECKE G R AFOSR 67-0233 AFOSR 67-0236 AFOSR 67-2796	VAREHA A L JR AFOSR 68-0763
ULLALAND S L AFOSR 67-1314	UTSU T AFOSR 67-0144	VAN HOOK M J AFCL 68-0867	VARGAS F AFOSR 67-1337
ULLIAN J S AFCL 67-0024	UWE BAUDER ARL 68-1023M	VAN HELLART E J AFOSR 67-1229	

AFOSR 68-1000	ARL 67-0104W	VLAAR N J	VOVELS D H
VARVATIS A D	ARL 67-0176V	AFOSR 67-0675	AFOSR 67-1099
AFOSR 68-1086	ARL 68-0068W		
VAS I E	ARL 68-0186U	VLIEGER J	VOULES O H
ARL 68-1000B	ARL 68-0187U	AFOSR 68-1043	AFOSH 68-0800
ARL 68-1111B	ARL 68-0188U		AFOSR 68-2300
ARL 68-1113B	ARL 68-1152N	VOEVODSKY J	
	ARL 68-1155M	AFOSR 67-1197	VREMEN O H F
VASSALLO F A		AFOSR 67-2729	AFOSR 68-0178
ARL 67-0161U	VESTAL M		AFOSR 68-0601
	ARL 67-0114U		
VASSANILLET L F	VICKSELL P H	VOGEL E F	VUKOVICH P H
AFOSR 67-1404	AFCL 68-0570	AFOSH 68-0703	AFOSR 68-0206
AFOSR 67-1418		AFOSR 68-1437	AFCL 68-0206
	VICTOR G A	AFOSR 68-2302	
	AFCL 68-0428	AFOSR 68-2303	WACHMAN M Y
VASSY E J		AFOSR 68-2343	AFOSH 68-0464
AFCL 67-0337	VICTOR J M		
AFCL 68-0866	AFOSR 67-0766	VOGELHUT P	WACHTEL J M
		AFOSR 67-0375	AFCL 67-0497
VENABLES J A	VIDAL R J		
AFOSR 67-0369	AFOSR 68-0645	VOGELHUT P O	WACKMAN P H
AFOSR 67-0370	AFOSR 68-1927	AFOSR 67-2081	ARL 67-0249W
AFOSR 67-1529		AFOSR 67-2088	
AFOSR 67-1780	VIDEBERG J	AFOSR 68-2120	
AFOSR 68-0538	AFCL 67-0374		WADA Y
		VOIERS W D	AFOSR 67-0373
VENEZIANI C	VIDMAR N J	AFCL 67-0101	AFOSR 67-0438
AFOSR 67-0021	AFOSR 67-1571		
AFOSR 68-0420		VOLLMER H M	WADSLEY A D
VENEZIANO G	VIELHABER E	AFOSR 67-1083	AFOSR 68-1476
AFOSR 68-2548	AFOSR 67-1530	AFOSR 67-2450	
		AFOSR 68-0494	WAGNER E L
VENIER C G	VIEZEE W	VON BISHANCK G	AFOSH 67-2760
AFOSR 67-0075	AFCL 67-0013	AFCL 67-0499	
AFOSH 67-2010	AFCL 68-0522	VON ELBE G	WAGNER M G
AFOSH 68-1596	AFCL 68-0586	AFOSR 67-0382	ARL 67-1091B
		AFOSR 67-0929	
VENKATRAMAN H	VIG J		WAGNER R A
AFOSH 67-1399	AFOSR 68-0054	VON EULER U S	AFOSR 68-2641
AFOSR 68-0476		AFOSR 67-0112	
AFOSR 68-1773	VIGIER J P	AFOSH 67-0500	WAGNER T J
	ARL 67-1331M	AFOSR 67-2602	AFOSR 67-0760
VERA C L		AFOSR 68-0192	AFOSR 67-0831
AFOSR 68-0724	VILAIN P	AFOSR 68-0311	AFOSH 67-1759
	AFOSR 67-1005	AFOSR 68-0810	AFOSR 68-0381
VERDEYEN J T		AFOSR 68-0867	AFOSR 68-1859
ARL 67-0264W	VILAR A M	AFOSR 68-0872	AFOSR 68-2346
ARL 68-0033U	AFOSR 68-0416		AFOSR 68-2349
ARL 68-0135U		VON EULER V S	
ARL 68-0167W	VILLALANCA J	AFOSR 67-0844	WAGNER W F
ARL 68-1444M	AFOSR 67-0460	AFOSR 68-0999	ARL 68-0321V
ARL 68-1448M	AFOSR 67-0495		ARL 68-0322V
	AFOSR 67-0915	VON FOERSTER H	ARL 68-1431E
VERLET L	AFOSR 67-2380	AFOSR 67-0311	
AFOSR 67-1775			WAHLSTROM S E
VERNA S D	VILLENEUVE A Y	VON GIERKE G	AFCL 68-0113
AFOSR 68-0707	AFCL 68-0208	ARL 68-1442M	
	AFCL 68-0297		WAINIO K M
VEROLLET E		VON OHAIN H	AFOSR 67-0149
AFOSR 67-0892	VILMS J	ARL 67-11890	AFCL 68-0320
AFOSR 68-0798	AFCL 68-0122		
	AFCL 68-0302	VON OHAIN H J P	WAIT D K
	AFCL 68-0447	ARL 67-0065T	ARL 67-1180N
VEROMELLI J	VIMONT-VICARY P		
AFCL 68-0403	AFOSR 67-0496	VON OHAIN J P	WAIT J R
AFCL 68-0531		ARL 68-1368A	AFCL 68-0031
	VINCENT R C	ARL 68-1368B	AFCL 68-0212
VERPLANK W S	AFCL 68-0545	ARL 68-13940	AFCL 68-0375
AFOSR 67-2326		ARL 68-13950	
VESENTINI E	VINCENTI W G	VONELME G	WAKNIS M H
AFOSR 67-0118	AFOSR 68-0070	AFOSR 67-1999	ARL 67-0259W
	AFOSH 68-1309		
VESLEY G P	VIRASIRO H A	VORACHEK J J	WALCHNER O
AFOSR 67-0109	AFOSR 68-2348	AFCL 68-0626	ARL 67-0099T
			ARL 68-1117C
VEST R	VITERBI A J	VONNIS R C	WALD F
ARL 67-1157N	AFOSR 67-0632	AFCL 68-0604	AFML 67-0049
	AFOSH 67-1927		
VEST R V	VITTAL PYATE P	VUSHUNG A C	WALDECK B
ARL 67-0010U	AFCL 68-0225	AFOSR 68-0427	AFOSR 67-2275
ARL 67-0115U			
ARL 67-0147U		VUSKO S H	WALDER J
ARL 67-0160W		AFOSH 68-2863	AFCL 68-0021
			AFCL 68-0112

WALDE F D L
AFOSR 67-1452

WALDRON M F
ARL 67-0268V

WALECKA J D
AFOSR 67-0572
AFOSR 67-0884
AFOSR 67-0885
AFOSR 68-0441
AFOSR 68-1400

WALINGA J
ARL 68-1207A
ARL 68-1341A
ARL 68-1342A

WALKER G
AFCL 68-0235

WALKER I O
AFOSR 68-1990

WALKER J C G
AFCL 67-0121
AFCL 67-0443

WALKER R G
AFCL 68-0042

WALKER R L
AFCL 68-0132
AFCL 68-0418

WALKER R W
AFOSR 67-0381
AFOSR 67-0563
AFOSR 67-0586
AFOSR 68-1272
AFOSR 68-1275
AFOSR 68-2137
AFOSR 68-2664

WALL D R
AFOSR 68-1572

WALL J A
AFCL 68-0408

WALL P D
AFOSR 67-0882

WALLACE W J
AFOSR 68-0900

WALLERSTEIN G
AFOSR 67-1332
AFOSR 67-2673

WALLIN T
AFOSR 67-1291

WALLIS E B
AFCL 67-0196
AFCL 67-0635

WALLIS R F
AFOSR 68-0921
AFOSR 68-0923

WALLWORK G H
AFOSR 67-0322

WALSH D
AFOSR 67-0009
AFOSR 67-0317
AFOSR 67-1383
AFOSR 68-2268
AFOSR 68-2659

WALSH J L
AFOSR 68-0373
AFOSR 68-0374
AFOSR 68-0375
AFOSR 68-0377
AFOSR 68-0378
AFOSR 68-0379

AFOSR 68-0410
AFOSR 68-1031
AFOSR 68-1066
AFOSR 68-1076
AFOSR 68-1169
AFOSR 68-1992
AFOSR 68-2299

WALTER D O
AFOSR 67-1857
AFOSR 67-1881
AFOSR 68-0487

WALTER W
ARL 67-1283H

WALTERS D A
AFOSR 68-1301

WALTERS R
AFCL 67-0318

WALTHALL F G
AFOSR 67-0314

WALZ A
ARL 67-1067H

WANG C P
AFOSR 67-0102

WANG C Y
AFOSR 68-0349
AFOSR 68-1354

WANG E Y
AFCL 67-0369

WANG J M
AFOSR 67-1405
AFOSR 67-1661
AFOSR 68-0189

WANG J R
AFOSR 67-1611
AFOSR 68-0716

WANG L L
AFOSR 67-2777

WANG M
AFOSR 67-1186

WANG P K C
AFOSR 67-0442
AFOSR 67-0653
AFOSR 67-1153
AFOSR 67-2326
AFOSR 68-0214
AFOSR 68-0215

WANG W
AFOSR 67-1917
AFOSR 67-2485

WANG S
AFOSR 68-2116

WANIEK R W
AFOSR 67-0949
AFOSR 68-1358

WARD J
AFCL 67-0399

WARD J H
AFCL 68-0519

WARDEN R C
AFCL 67-0687

WARDEN W C JR
AFCL 68-0086
AFCL 68-0450
AFOSR 68-0273

WARDLEY A
AFOSR 68-1059

WARE A A
ARL 68-1196R

WARE J C
AFOSR 67-1814

WARNER C III
AFOSR 67-1113

WARREN L J
AFOSR 68-1283

WARSH K L
AFOSR 68-2218

WASER J
AFOSR 68-2107

WASHBURN S S
AFOSR 67-0983

WASON S K
AFOSR 68-1420
AFOSR 68-2605

WASSAHMAN P M
AFOSR 67-0266

WASSERMAN E
AFOSR 67-2054

WASYLKIWSKY J W
AFOSR 67-0465

WATABE M
AFOSR 67-0066

WATERMAN A T
AFCL 67-0696

WATERMAN A T JR
AFCL 68-0096

WATERMAN T M
AFOSR 67-1150
AFOSR 68-2336

WATERS R L
AFCL 67-0415
AFCL 67-0452
AFCL 68-0102

WATMEN-DUNN W
AFCL 68-0457

WATKINS G O
ARL 68-1406B

WATKINS P M
AFOSR 68-0554

WATSON A P
AFOSR 67-2436

WATSON D C
ARL 67-1036A
ARL 67-1039A

WATSON D D
ARL 67-0024V
ARL 67-0085V
ARL 67-0168T
ARL 67-1035A
ARL 67-1280L
ARL 68-0036V
ARL 68-0045V
ARL 68-0128V
ARL 68-0170V
ARL 68-0330V
ARL 68-1206A
ARL 68-1212A
ARL 68-1340A

WATSON D K
AFCL 67-0390

WATSON E M
AFCL 67-0886

WATSON J D
ARL 67-0278U

WATSON J W
AFOSR 68-0289

WATSON K W
AFOSR 68-2020

WATSON R E
AFOSR 67-0594
AFOSR 67-1162

WATSON W H
AFCL 67-0307

WATT J T JR
AFOSR 67-0765

WATT W C
AFOSR 67-2534
AFOSR 68-0449

WATTS R K
AFOSR 67-0797
AFOSR 68-0542

WAUGH F
AFOSR 68-1133
AFOSR 68-1336

WAXMAN R
AFCL 68-0594

WAYNICK A M
AFCL 67-0466

WODWCZYK J
AFOSR 67-0261

WEAVER D R
AFOSR 69-0827

WEB S R
ARL 68-0271W

WEBER G M
ARL 67-0070U
ARL 68-0096U

WEBER G W
AFOSR 67-0626
AFOSR 67-1444
AFOSR 68-1532

WEBER M H
AFOSR 67-0533
AFOSR 67-2475

WEBER S R
ARL 67-0021U
ARL 67-0022U
ARL 68-0310W

WEBER T G
AFCL 60-0428

WEBER W H
AFCL 67-0477
AFCL 68-0051

WEBER C L
AFOSR 67-1486
AFOSR 68-2350

WEBER J
AFOSR 67-1615
AFOSR 68-0252
AFOSR 68-0426

ARL 68-1104N	WEINZIERL P AFOSR 67-0581 AFOSR 68-1041	WELDON E J AFOSR 67-0177 AFOSR 67-0179 AFOSR 67-0178	WERNITZ C AFOSR 67-0025
WEBSTER A H AFOSR 67-0284 AFOSR 68-0474	WEIR R A AFOSR 68-0484 AFOSR 68-0539 AFOSR 68-1224	WELDON E J JR AFOSR 67-0566	WERNITZ C B AFOSR 67-0493 AFOSR 68-0792
WEBSTER M F AFOSR 68-0088	WEIS-POGH T AFOSR 68-0305	WELLEN T AFOSR 68-0629	WERT C AFOSR 67-2774 AFOSR 68-0954
WEBSTER S J AFOSR 68-1272 AFOSR 68-1275	WEISBERGER W I AFOSR 68-2263	WELLES S J AFOSR 67-0556	WERTHAMER N R AFOSR 68-0167
WEEKS D C AFOSR 68-1375	WFISS H AFOSR 67-2171 AFOSR 68-1319	WELLS C S JR AFOSR 68-0092	WERTZ J E AFOSR 67-0535 AFOSR 68-0197 AFOSR 68-0200
WELCHER G K AFOSR 67-0003	WEISS B D AFOSR 67-0183 AFOSR 68-0154 AFOSR 68-0272	WELLS D R AFOSR 68-2670	WESCOTT E M AFOSR 67-0242
WEI C H AFOSR 67-0723 AFOSR 67-0727 AFOSR 67-1714 AFOSR 68-2431 AFOSR 68-2461 AFOSR 68-2735	WEISS D J AFOSR 67-1847	WELLS H AFOSR 68-0819 AFOSR 68-0862	WESKE J R AFOSR 68-1492
WEI D T Y ARL 68-0230V ARL 68-0231V	WEISS D S AFOSR 68-1556	WELLS M B AFOSR 68-0311 AFOSR 68-0479 AFOSR 68-0480	WEST C M AFOSR 67-0154
WEI T Y ARL 68-0249V	WEISS J G AFOSR 67-0348 AFOSR 67-0349	WELLS M J AFOSR 68-0287	WEST G B AFOSR 67-1724 AFOSR 67-2031
WEIDENHOFER H AFOSR 68-2325	WEISS K AFOSR 67-0512	WELSH L H AFOSR 67-1876	WEST H AFOSR 67-0197 AFOSR 67-0208 AFOSR 67-1426 AFOSR 67-2376 AFOSR 67-2377 AFOSR 68-1157
WEIGL F AFOSR 67-1570 AFOSR 68-0232 AFOSR 68-1715 AFOSR 68-1815	WEISS L AFOSR 68-0169 AFOSR 68-1538 AFOSR 68-2209 AFOSR 68-2539	WELSH S M AFOSR 68-0679	WESTLAKE D A AFOSR 68-0128 AFOSR 68-0129 AFOSR 68-0130 AFOSR 68-0131
WEILER M AFOSR 67-1126	WEISS M R AFOSR 68-0116	WELSH W F AFOSR 68-0286	WESTLUND C D AFOSR 67-0532 AFOSR 67-0536 AFOSR 68-0010
WEILER M H AFOSR 67-0155 AFOSR 68-0334	WEISS M J AFOSR 68-2736	WELTON K F AFOSR 67-1088 AFOSR 67-1680	WESTON P AFOSR 68-2800
WEINBERG E A AFOSR 67-0958	WEISSKOPF M C AFOSR 68-0064	WENDLANDT W W AFOSR 67-1500 AFOSR 67-1597 AFOSR 67-2020	WEVER M AFOSR 67-0499
WEINBERG S AFOSR 67-0058 AFOSR 67-0059 AFOSR 67-1443 AFOSR 67-1455	WEISSLER G L ARL 67-0178U	WENDT G ARL 68-0100T	WEXLER M AFOSR 67-2617
WEINBERGER M F AFOSR 67-0356	WEITKAMP W ARL 68-1105N	WENDT H R AFOSR 68-0332	WEXLER M AFOSR 67-2617
WEINER J H AFOSR 67-1253 AFOSR 68-1871	WELCH A J AFOSR 67-0710 AFOSR 67-1569 AFOSR 67-1594 AFOSR 67-1890 AFOSR 67-2137 AFOSR 68-0154 AFOSR 68-1777	WENG-MENG C AFOSR 67-0036	WEXLER M AFOSR 67-0100 AFOSR 68-0360
WEINER R A AFOSR 68-2420	WELCH A S AFOSR 68-1748 AFOSR 68-1770 AFOSR 68-1774 AFOSR 68-2060 AFOSR 68-2697 AFOSR 68-2732	WENIGRAD J AFOSR 68-2819	WEYSENHOFER M V AFOSR 68-0045
WEINER S AFOSR 68-0976	WELCH M L AFOSR 68-1748 AFOSR 68-1770 AFOSR 68-1774 AFOSR 68-2060 AFOSR 68-2697 AFOSR 68-2732	WENTWORTH R C AFOSR 67-0250	WHALEY M AFOSR 67-0966
WEINER S A AFOSR 68-1271	WELCH M J AFOSR 67-0548	WEPFEN G G ARL 68-0254V	WHARTON L AFOSR 67-0324
WEINMAN D G AFOSR 67-0980	WELCH M J AFOSR 67-0548	WERNER G AFOSR 68-0672	WHEALTON J M AFOSR 68-0177
WEINSTEIN A AFOSR 67-0130 AFOSR 67-2540	WELCH M J AFOSR 67-0548	WERNER J ARL 68-1280N	WHEATLAND D A AFOSR 67-2726 AFOSR 68-0506 AFOSR 68-1260
WEINSTEIN M ARL 67-0049	WELCH M J AFOSR 67-0548	WERNER M AFOSR 67-1046	WHEATLAND D A AFOSR 67-2726 AFOSR 68-0506 AFOSR 68-1260

ARL 68-1347A
 AEROSPACE RESEARCH LABORATORIES
 EFFECT OF DECAIR OF LI SUPER RAY
 PAPER PRESENTED TO THE AMERICAN PHYSICAL SOCIETY MEETING, BASH,
 D. C., APRIL 1968
 OAR ACCESS NO.....210430-036
 BY COTHERN C R
 KILLES J J
 HENNECKE H J
 NANTHURUTHIL J C
 INSTR...ARL-7112-00-02
 PROJECT.....7112

ARL 68-1348A
 AEROSPACE RESEARCH LABORATORIES
 EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN
 ELECTROPLASMODYNAMIC ENERGY CONVERSION PROCESSES - PART I
 FUNDAMENTAL CONSIDERATIONS
 ARTICLE PUBLISHED IN AGARDGRAPH NO. 122
 OAR ACCESS NO.....210370-009
 BY DECAIR J A
 INSTR...ARL-7112-00-02
 PROJECT.....7112

ARL 68-1347L
 AEROSPACE RESEARCH LABORATORIES
 COSMOLOGY
 LECTURE TO SPRINGFIELD ENGINEERS CLUB, SPRINGFIELD, OHIO
 OAR ACCESS NO.....211270-002
 BY FICKLER S I
 INSTR...ARL-7114-00-03
 PROJECT.....7114

ARL 68-1348L
 AEROSPACE RESEARCH LABORATORIES
 THE EVALUATION OF A COSMOLOGICAL MODEL
 TWO LECTURES TO UNIVERSITY OF CINCINNATI, PHYSICS
 DEPARTMENT
 OAR ACCESS NO.....211270-003
 BY FICKLER S I
 INSTR...ARL-7114-00-03
 PROJECT.....7114

ARL 68-1349L
 AEROSPACE RESEARCH LABORATORIES
 ELECTRONIC STRUCTURE OF II-VI AND III-V COMPOUNDS AS
 CALCULATED BY THE GCM METHOD
 LECTURE AT THE UNIVERSITY OF WASHINGTON, NOVEMBER 1968
 OAR ACCESS NO.....210800-036
 BY COLLINS T C
 INSTR...ARL-7885-00-04
 PROJECT.....7885

ARL 68-1350A
 AEROSPACE RESEARCH LABORATORIES
 STUDIES OF HYDROGEN-AIR SUPERSONIC COMBUSTION AT LOW
 DENSITIES
 PAPER PRESENTED AT WESTERN STATES SECTION THE COMBUSTION
 INSTITUTE, STANFORD RESEARCH INSTITUTE, MENLO PARK, CA, JAN-20
 OCT 68
 OAR ACCESS NO.....210900-009
 BY BREWSTER J E
 BUNN H G
 INSTR...ARL-7885-00-10
 PROJECT.....7885

ARL 68-1351A
 AEROSPACE RESEARCH LABORATORIES
 DIE WIRKUNG AXIALEN DRUCKES AUF EXZITON-NIVEAUS IN II-VI
 VERBINDUNGEN MIT NICHTZITTE STRUKTUR
 PRESENTATION AT THE SEMICONDUCTOR CONFERENCE, DRESDEN,
 GERMANY, MARCH 18-20, 1968
 OAR ACCESS NO.....210580-004
 BY KODA T
 LANGEN H
 INSTR...ARL-7885-00-02
 PROJECT.....7885

ARL 68-1352M
 CASE WESTERN RESERVE UNIVERSITY
 THE THERMAL MODERATING OF EXCITON LEVELS IN II-VI COMPOUND
 SEMICONDUCTORS
 LECTURE GIVEN AT ARL, 15 NOV 68
 OAR ACCESS NO.....209520-049
 BY SEGALL B
 INSTR...AF-33/615/02272
 PROJECT.....7885

ARL 68-1353M
 AEROSPACE RESEARCH LABORATORIES
 TUNNELLING EFFECTS IN SOLIDS
 LECTURE GIVEN AT ARL, 14 OCTOBER 1968
 OAR ACCESS NO.....209520-050
 BY SAKI I
 INSTR...AF-33/615/02272
 PROJECT.....7885

ARL 68-1354P
 HILL LINCOLN LABORATORIES
 EXPERIMENTAL DETERMINATION OF THE ELECTRON DENSITIES IN
 SOME OF THE II-VI COMPOUNDS WITH THE THEORETICALLY
 CALCULATED ELECTRON DENSITIES IN THE SAME COMPOUNDS
 LECTURE GIVEN AT ARL, 16 SEPT 1968
 OAR ACCESS NO.....209520-051
 BY RACCAH P
 INSTR...AF-33/615/02272
 PROJECT.....7885

ARL 68-1355W
 DUNQUE UNIVERSITY
 THEORY OF EXCITON-IMPURITY COMPLEXES
 LECTURE GIVEN AT ARL, 8 MARCH 1968
 OAR ACCESS NO.....209520-052
 BY SHARMA R R
 INSTR...AF-33/615/02272
 PROJECT.....7885

ARL 68-1356M
 UNIVERSITY OF SALFORD
 THE THERMAL EXPANSION OF SOLIDS
 LECTURE GIVEN AT ARL, 19 AUG 1968
 OAR ACCESS NO.....209520-053
 BY YATES B
 INSTR...AF-33/615/02272
 PROJECT.....7885

ARL 68-1357M
 UNIVERSITY OF WASHINGTON
 CURRENT OSCILLATION AND SATURATION IN COSH
 LECTURE GIVEN AT ARL, 10 JUNE 1968
 OAR ACCESS NO.....209520-054
 BY YEE S
 INSTR...AF-33/615/02272
 PROJECT.....7885

ARL 68-1358M
 UNIVERSITY OF NEBRASKA
 PHONON EFFECTS ON CARRIER TRANSITIONS AT IMPURITY CENTERS
 LECTURE GIVEN AT ARL, 12 DECEMBER 1968
 OAR ACCESS NO.....209520-055
 BY HADY J H
 INSTR...AF-33/615/02272
 PROJECT.....7885

ARL 68-1359M
 UNIVERSITY OF CINCINNATI
 PARALLELCITIC DIPOLE EFFECTS IN SOLIDS
 LECTURE GIVEN AT ARL, 2 DECEMBER 1968
 OAR ACCESS NO.....209520-056
 BY FRODER R
 INSTR...AF-33/615/02272
 PROJECT.....7885

ARL 68-1360M
 HILL TELEPHONE LABORATORIES
 OPTICAL STUDIES OF DEEP ELECTRON TRAPS IN GAP
 LECTURE GIVEN AT ARL, 30 OCTOBER 1968
 OAR ACCESS NO.....209520-057
 BY HENRY C
 INSTR...AF-33/615/02272
 PROJECT.....7885

ARL 68-1361M
 UNIVERSITY OF CINCINNATI
 PARALLELCITIC DIPOLE EFFECTS IN SOLIDS
 LECTURE GIVEN AT ARL, 2 DECEMBER 1968
 OAR ACCESS NO.....209520-058
 BY FRODER R
 INSTR...AF-33/615/02272
 PROJECT.....7885

ARL 68-1362A
 SOLID STATE PHYSICS RESEARCH LABORATORY
 EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM CDS
 PLATELETS
 PRESENTED AT THE 9TH INTERNATIONAL CONF ON THE PHYSICS OF
 SEMICONDUCTORS, MOSCOW, RUSSIA, JULY 1968
 OAR ACCESS NO.....210580-037
 BY RYNDOLDS D C
 EUBANK H N
 COLLINS T C
 INSTR...ARL-7885-00-04
 PROJECT.....7885

ARL 68-1363A
 AEROSPACE RESEARCH LABORATORIES
 EXCITONS IN II-VI COMPOUNDS
 PUBLISHED IN PROCEEDINGS OF A NATO INTL ADVANCED STUDY
 INSTITUTE, UNIV OF FREIBURG, GERMANY, OCTOBER 1968
 OAR ACCESS NO.....210580-038
 BY RYNDOLDS D C
 INSTR...ARL-7885-00-04
 PROJECT.....7885

ARL 68-1366A
AEROSPACE RESEARCH LABORATORIES
ELECTROFLUIDYNAMIC ENERGY CONVERSION PROCESSES,
CHARACTERISTICS, AND RESEARCH AREAS
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
BY LAWSON S O
OAR ACCESS NO.....210520-010
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-1367A
AEROSPACE RESEARCH LABORATORIES
SOME ANALYTICAL TREATMENTS OF ELECTROFLUIDYNAMIC PROCESSES
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
BY MENARDI J F
OAR ACCESS NO.....209540-002
INSTR...AF-33/615/01203
PROJECT.....7116

ARL 68-1366A
AEROSPACE RESEARCH LABORATORIES
WORKING MEDIA FLOW ELECTROFLUIDYNAMIC GENERATORS
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
BY HANES M
OAR ACCESS NO.....210520-011
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-1367A
AEROSPACE RESEARCH LABORATORIES
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN
ELECTROFLUIDYNAMIC ENERGY CONVERSION PROCESSES - PART II -
EXPERIMENTAL RESULTS
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
BY SIFALL J R
OAR ACCESS NO.....210520-012
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-1366A
AEROSPACE RESEARCH LABORATORIES
THE ROLE OF ELECTROFLUIDDYNAMICS IN THE FIELD OF DIRECT
ENERGY CONVERSION
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
BY VON OHAIN J R
OAR ACCESS NO.....210520-013
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 68-1367A
AEROSPACE RESEARCH LABORATORIES
COMMENTS ON ELECTROFLUIDDYNAMICS AND RELATED RESEARCHES IN
ITALY
ARTICLE PUBLISHED IN AGARDOGRAPH NO. 122
BY NAPOLITANO L G
OAR ACCESS NO.....210640-001
INSTR...AF-33/615/00013
PROJECT.....7116

ARL 68-1370A
AEROSPACE RESEARCH LABORATORIES
EMISSION FROM EXCITED TERMINAL STATES OF BOUND EXCITON
COMPLEXES
PRESENTED AT THE INTL ADVANCED SUMMER PHYS INSTITUTE,
ELECTRONIC STRUCTURES IN SOLIDS, CFTC, GREECE 1968
BY REYNOLDS D C
OAR ACCESS NO.....210580-339
INSTR...ARL-7045-00-04
PROJECT.....7085

ARL 68-1371M
PUNDT UNIVERSITY
ENERGY STATES OF LOW-LYING IMPURITIES UNDER STRESS
LECTURE GIVEN AT ARL 24 MAY 1968
BY JONES M
OAR ACCESS NO.....211120-007
INSTR...AF-33/615-67-C-1758
PROJECT.....7085

ARL 68-1372L
UNIVERSITE DE PARIS
SURFACE EFFECTS AND SURFACE STATES IN COS
LECTURE GIVEN AT ARL 24 JUNE 1968
BY SEITZ M C
OAR ACCESS NO.....210560-010
INSTR...ARL-7045-00-02
PROJECT.....7085

ARL 68-1371A
AEROSPACE RESEARCH LABORATORIES
RESONANT PLASMA COUPLING IN SEMICONDUCTORS
PRESENTED AT THE CONFERENCE ON SEMIMETALS AND NARROW-GAP
SEMICONDUCTORS, UNIV. OF DUNHAM, ENGLAND, APRIL 1968,
BY LITTON C W
OAR ACCESS NO.....210560-040
INSTR...ARL-7045-00-04
PROJECT.....7085

ARL 68-1370A
AEROSPACE RESEARCH LABORATORIES
INFRA-RED MAGNETO-OPTICAL STUDIES OF LINE-BROADENING ANOMALIES
CAUSED BY RESONANT POLARON COUPLING IN MAGNETIC STATES IN
POLAR SEMICONDUCTORS
PRESENTED AT THE 9TH INTERNATIONAL CONF ON THE PHYSICS OF
SEMICONDUCTORS, MOSCOW, RUSSIA, JULY 1968
BY LITTON C W
OAR ACCESS NO.....210560-041
INSTR...ARL-7045-00-04
PROJECT.....7085

ARL 68-1375A
AEROSPACE RESEARCH LABORATORIES
EFFECTS OF AXIAL STRESS ON THE EXCITON LEVELS IN WURTZITE
II-VI COMPOUNDS
PRESENTED AT THE 9TH INTERNATIONAL CONF ON THE PHYSICS OF
SEMICONDUCTORS, MOSCOW, RUSSIA, JULY 1968
BY KUDA T
LANGEN D W
FURMAN R N
OAR ACCESS NO.....210560-011
INSTR...ARL-7045-00-02
PROJECT.....7085

ARL 68-1376C
AEROSPACE RESEARCH LABORATORIES
DETERMINATION OF THE ZIRCONIA - HAFNIA PHASE DIAGRAM
PUBLISHED IN OAR RESEARCH REVIEW, VOL VII, NO. 5, MAY 1968
BY RUM R
GARRETT M J
OAR ACCESS NO.....209520-006
INSTR...ARL-7021-00-01
PROJECT.....7021

ARL 68-1377B
WILKES COLLEGE
AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE
PRESENTED AT AMERICAN PHYSICAL SOCIETY, MIAMI BEACH, FLA.,
15 NOVEMBER 1968,
BY HOLCOMB S J
OAR ACCESS NO.....208431-006
INSTR...AF-33/615/01524
PROJECT.....7021

ARL 68-1378B
IIT RESEARCH INSTITUTE
TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
PRESENTED AT JOINT FALL MTG. OF THE BASIC SCIENCE AND
ELECTRONIC DIV. OF AMERICAN SOCIETY OF ST. PAUL, MINN., SEPT
17-20, 1968,
BY MILLS J J
OAR ACCESS NO.....210930-004
INSTR...AF-33/615/05448
PROJECT.....7021

ARL 68-1379A
AEROSPACE RESEARCH LABORATORIES
APPARATUS FOR THERMOLUMINESCENCE MEASUREMENTS
PRESENTED AT THE SECOND INTERNATIONAL CONFERENCE ON
LUMINESCENCE DOSIMETRY, GATLINGBURG, TENN., 23-26 SEPT. 1968
BY LAND P L
WYSONG E D
OAR ACCESS NO.....210990-010
INSTR...ARL-7021-00-12
PROJECT.....7021

ARL 68-1360A
AEROSPACE RESEARCH LABORATORIES
THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE
OF COPPER
PRESENTED AT FALL MTG. MET. SOCIETY AIME, 14 OCTOBER 1968,
BY ADAIR A M
FRANK D F
OAR ACCESS NO.....211220-008
INSTR...ARL-7021-00-19
PROJECT.....7021

ARL 68-1381A
AEROSPACE RESEARCH LABORATORIES
LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTERBIUM
INTERMETALLIC COMPOUNDS
PRESENTED AT THE 7TH NANO-EARTH RESEARCH CONFERENCE,
CONRAD, CALIF., 27-31 OCTOBER 1968,
BY CHAVEN W E
CSTHARTAG W
OAR ACCESS NO.....211640-002
INSTR...ARL-7021-00-23
PROJECT.....7021

ARL 68-1382A
AEROSPACE RESEARCH LABORATORIES
BASE-CATALYZED ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING
FLIGHT SIMULATION FOR AIR BREATHING POPULATION SYSTEMS
PRESENTED AT THE 1968 AIR FORCE SCIENCE & ENGINEERING
SYMPOSIUM, USAF ACADEMY COLORADO SPRINGS, COLO 30-31 OCT., 1
NOV 68
BY FERRENBACHER L L
OAR ACCESS NO.....211660-008
INSTR...ARL-7021-00-25
PROJECT.....7021

ARL 68-1341A
AEROSPACE RESEARCH LABORATORIES
HYPERSONIC LEAVING BODY OPTIMIZATION
PAPER PRESENTED AT THE AIAA ENTRY VEHICLE SYSTEMS AND
TECHNOLOGY MEETING, WILLIAMSBURG, VA., 3-5 DEC 68.
DAR ACCESS NO.....209910-020
BY HANNEY R L
ELLIOTT G A
INSTN...ARL-7066-00-07
PROJECT.....7066

ARL 68-1344C
AEROSPACE RESEARCH LABORATORIES
ANALYTICAL TREATMENT OF THE EXPLOSION PROBLEM
DAR RESEARCH REVIEW ARTICLE, VOL VII, NO 7, JULY 1968, PP.
13-15
DAR ACCESS NO.....211770-003
BY GORESH J W
INSTN...ARL-7069-00-20
PROJECT.....7069

ARL 68-1345C
AEROSPACE RESEARCH LABORATORIES
A HYBRID DATA ACQUISITION AND CONTROL SYSTEM FOR A
HYPERSONIC WIND TUNNEL COMPLEX
DAR RESEARCH REVIEW ARTICLE, VOL VII, NO 7, JULY 1968, PP.
19-20
DAR ACCESS NO.....211760-004
BY HAUGEN R L
INSTN...ARL-7065-00-21
PROJECT.....7065

ARL 68-1346C
AEROSPACE RESEARCH LABORATORIES
AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW
DAR RESEARCH REVIEW ARTICLE, VOL VII, NO 7, MAR 68, P. 11.
DAR ACCESS NO.....210160-013
BY DAUM F L
GYAMNATHY G
INSTN...ARL-7065-00-14
PROJECT.....7065

ARL 68-1347A
AEROSPACE RESEARCH LABORATORIES
PROBING THE ELECTRONIC PROPERTIES OF CRYSTALS BY PRESSURE
PUD. IN PROCEEDINGS OF 1968 SCIENCE AND ENGINEERING
SYMPOSIUM
DAR ACCESS NO.....210560-012
BY LANGLEY D W
INSTN...ARL-7045-00-02
PROJECT.....7045

ARL 68-1348D
AEROSPACE RESEARCH LABORATORIES
CAVITY REACTOR WITH EXTERNAL SEPARATION
DAR ACCESS NO.....210540-017
BY VON OHAIN J P
KELLER M H
INSTN...ARL-7116-00-03
PROJECT.....7116

ARL 68-1349C
AEROSPACE RESEARCH LABORATORIES
RESEARCH IN MULTICOMPONENT FLOW
DAR RESEARCH REVIEW, VOL VII, NO 6, JUNE 1968
DAR ACCESS NO.....210540-018
BY HUFF J D
INSTN...ARL-7116-00-03
PROJECT.....7116

ARL 68-1370K
AEROSPACE RESEARCH LABORATORIES
EJECTORS AND THRUST AUGMENTATION
TECHNICAL BRIEFING GIVEN TO FOC, WPAFB, OHIO
DAR ACCESS NO.....211700-002
BY CAMPBELL W S
INSTN...ARL-7116-00-05
PROJECT.....7116

ARL 68-1371K
AEROSPACE RESEARCH LABORATORIES
ELECTROFLUIDDYNAMIC EFD POWER GENERATION
TECHNICAL BRIEFING TO INTERAGENCY ADVANCED POWER GROUP,
PROPULSION LABORATORY WPAFB, OHIO
DAR ACCESS NO.....211720-014
BY LAWSON M C
INSTN...ARL-7116-00-01
PROJECT.....7116

ARL 68-1372K
AEROSPACE RESEARCH LABORATORIES
ELECTROFLUIDDYNAMIC EFD PROCESSES
TECHNICAL BRIEFING TO INTERAGENCY ADVANCED POWER GROUP,
FOTI HAVEN, VIRGINIA
DAR ACCESS NO.....210570-015
BY DECAIRE J A
INSTN...ARL-7116-00-01
PROJECT.....7116

ARL 68-1343C
AEROSPACE RESEARCH LABORATORIES
GAS HEATER
PATENT NO. 3,385,287
DAR ACCESS NO.....210520-016
BY LAWSON M C
INSTN...ARL-7116-00-01
PROJECT.....7116

ARL 68-1344C
AEROSPACE RESEARCH LABORATORIES
THE COLLOIDAL GAS CORE REACTOR
PATENT PENDING
DAR ACCESS NO.....210540-019
BY VON OHAIN J P
KELLER M H
INSTN...ARL-7116-00-03
PROJECT.....7116

ARL 68-1345D
AEROSPACE RESEARCH LABORATORIES
CAVITY REACTOR WITH TWO STAGE SEPARATION
PATENT PENDING
DAR ACCESS NO.....210540-020
BY VON OHAIN J P
KELLER M H
INSTN...ARL-7116-00-03
PROJECT.....7116

ARL 68-1345C
AEROSPACE RESEARCH LABORATORIES
ELECTROFLUIDDYNAMIC ENERGY CONVERSION
DAR RESEARCH REVIEW, VOL VII, NO 6, JUNE 1968
DAR ACCESS NO.....210520-017
BY LAWSON M C
INSTN...ARL-7116-00-01
PROJECT.....7116

ARL 68-1347C
AEROSPACE RESEARCH LABORATORIES
AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW
DAR RESEARCH REVIEW, VOL VII, NO 6, JUNE 1968
DAR ACCESS NO.....210540-021
BY DAUM F L
GYAMNATHY G
INSTN...ARL-7116-00-03
PROJECT.....7116

ARL 68-1349L
AEROSPACE RESEARCH LABORATORIES
GENERAL ASPECTS OF VISTOL
LECTURE PRESENTED TO AFIT FACULTY AND STAFF, WPAFB, OHIO
DAR ACCESS NO.....211700-003
BY CAMPBELL W S
INSTN...ARL-7116-00-05
PROJECT.....7116

ARL 68-1349L
AEROSPACE RESEARCH LABORATORIES
ELECTROFLUIDDYNAMIC EFD POWER GENERATION
LECTURE TO AFIT STUDENTS, WPAFB, OHIO
DAR ACCESS NO.....210520-018
BY DECAIRE J A
INSTN...ARL-7116-00-01
PROJECT.....7116

ARL 68-1400A
AEROSPACE RESEARCH LABORATORIES
MICROSCOPIC PARTICLE SEPARATION AND APPLICATION
PAPER PRESENTED AT AGARD NATO, OTTAWA, ONTARIO, CANADA
DAR ACCESS NO.....210540-022
BY MILLER R A
PODLASKI R
INSTN...ARL-7116-00-03
PROJECT.....7116

ARL 68-1401A
AEROSPACE RESEARCH LABORATORIES
ARL RESEARCH APPLICATIONS TO VISTOL AIRCRAFT
PAPER PRESENTED AT THE PROCEEDINGS OF THE DAR RESEARCH
APPLICATIONS CONFERENCE ARLINGTON, VIRGINIA
DAR ACCESS NO.....211700-004
BY YUONG F L
CAMPBELL W S
INSTN...ARL-7116-00-05
PROJECT.....7116

ARL 68-1402H
AEROSPACE RESEARCH LABORATORIES
COMPUTER STUDY OF ELECTROFLUIDDYNAMIC COLLOID GENERATOR
PAPER PRESENTED AT THE 1968 INTERSOCIETY ENERGY CONVERSION
ENGINEERING CONFERENCE AT UNIVERSITY OF COLORADO, BOULDER,
COLORADO AUGUST 13-17, 1968
DAR ACCESS NO.....209540-003
BY MINARDI J E
INSTN...AF-3376:503203
PROJECT.....7116

ARL 68-14075
LOCKHEED AIRCRAFT CORPORATION
THEORETICAL CONSTITUTION OF SILICON CARBIDE
THE INTERNATIONAL CONFERENCE ON SILICON CARBIDE, OCT 21,
1968, UNIVERSITY PARK, PA. PUB. PROCEEDINGS OF 1968
DAR ACCESS NO.....210761-003
BY HERMAN F
INST...F33615-67-C-1793
PROJECT.....7885

ARL 68-14084
MIT STAFF UNIVERSITY RESEARCH FOUNDATION
THERMAL EXPANSION OF CDF FROM 2 DEGREES TO 230 DEGREES K
THE SYMPOSIUM ON THERMAL EXPANSION OF SOLIDS, GAITHERSBURG,
MD., SEPT 18-20, 1968
DAR ACCESS NO.....204820-005
BY HOFFER R. R.
INST...AF-33/619/02273
PROJECT.....7885

ARL 68-14090
LOCKHEED AIRCRAFT CORPORATION
ENERGY BAND STRUCTURE OF CUCI, CUHCL, AND AGI
THE AMERICAN PHYSICAL SOCIETY MEETING, BIRMINGHAM, MARCH 1968
DAR ACCESS NO.....210761-004
BY HERMAN F
KUNTUM R L
INST...F33615-67-C-1793
PROJECT.....7885

ARL 68-14091
LOCKHEED AIRCRAFT CORPORATION
DISCUSSION OF MOLECULAR ORBITAL AND BAND-STRUCTURE
CALCULATIONS
THE PROCEEDINGS OF THE 1968 SANTA FE CONFERENCE ON
RADIATION EFFECTS IN SEMICONDUCTORS
DAR ACCESS NO.....210761-005
BY HERMAN F
CALLAWAY J
LINDARD A H
WATKINS G D
CORRETT J W
INST...F33615-67-C-1793
PROJECT.....7885

ARL 68-14070
LOCKHEED AIRCRAFT CORPORATION
RELATIVISTIC ENERGY BAND MODELS FOR GERMANIUM AND GREY TIN
THE AMERICAN PHYSICAL SOCIETY MEETING, BIRMINGHAM, MARCH 1968
DAR ACCESS NO.....210761-006
BY VAN DYKE J P
HERMAN F
INST...F33615-67-C-1793
PROJECT.....7885

ARL 68-14086
AFROSPACE RESEARCH LABORATORIES
HYPERSONIC WALL DAMPING DERIVATIVE OF A BLUNT CONE
PAPER PRESENTED AT THE TECHNICAL WORKSHOP ON DYNAMIC
STABILITY PROBLEMS AT NASA AMES RESEARCH CENTER
DAR ACCESS NO.....207853-011
BY GUINN J
INST...AML-7008-00-01
PROJECT.....7064

ARL 68-14098
LOCKHEED AIRCRAFT CORPORATION
NEW STUDIES OF THE ENERGY BAND STRUCTURE OF TETRAHEDRALLY-
BONDED SEMICONDUCTORS AND SEMI-METALS
THE PROCEEDINGS OF AIME 1968
DAR ACCESS NO.....210761-007
BY HERMAN F
INST...F33615-67-C-1793
PROJECT.....7885

ARL 68-14108
LOCKHEED AIRCRAFT CORPORATION
ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS
- EMPIRICALLY-ADJUSTED NEW ENERGY BAND CALCULATIONS
METHODS IN COMPUTATIONAL PHYS., ACADEMIC PRESS, N. Y., VOL 8
1968. PRES. 2ND INTL CONF ON VACUUM ULTRA-VIOLET PHYS.,
ORNL MAY 1968
DAR ACCESS NO.....210761-008
BY HERMAN F
KORTUM R L
KUGLIN G D
VAN DYKE J P
SKILLMAN S
INST...F33615-67-C-1793
PROJECT.....7885

ARL 68-14114
LOCKHEED AIRCRAFT CORPORATION
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF CRYSTALS
THE INTERNATIONAL ADVANCED SUMMER PHYSICAL INSTITUTE, CHLIE
+ GREECE JUNE-JULY 1968
DAR ACCESS NO.....210761-009
BY HERMAN F
INST...F33615-67-C-1793
PROJECT.....7885

ARL 68-14120
CLEVITE CORP., ELECTRONIC RESEARCH DIVISION
THE CADMIUM SULFIDE THIN FILM SOLAR CELL
THE HANNOVER ELECTRONICS CONFERENCE, HANNOVER, WEST GERMANY
2 MAY 1968
DAR ACCESS NO.....210811-002
BY SHIMLAND F A
INST...F33615-68-C-1182
PROJECT.....7885

ARL 68-14131
LOCKHEED AIRCRAFT CORPORATION
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF SILICON
CARBIDE
THE INTERNATIONAL CONFERENCE ON SILICON CARBIDE, OCT 21,
1968, UNIVERSITY PARK, PA. PUB. PROCEEDINGS OF 1968
DAR ACCESS NO.....210761-010
BY HERMAN F
VAN DYKE J P
KUNTUM R L
INST...F33615-67-C-1793
PROJECT.....7885

ARL 68-14150
NEW YORK UNIVERSITY
MICROSCOPY THEORY OF LATTICE PHONON SCATTERING IN CRYSTAL
CONTAINING IMPURITIES
INTERNATIONAL CONFERENCE ON LIGHT SCATTERING SPECTRA OF
SOLIDS, AT NEW YORK UNIV., OCT 1968, PUB. PROCEEDINGS OF,
DAR ACCESS NO.....209082-002
BY GANGULY A K
HIRMAN J L
INST...F33615-68-C-1436
PROJECT.....7885

ARL 68-14150
NEW YORK UNIVERSITY
THEORY OF INTERACTION OF LIGHT WITH INSULATING CRYSTALS
INTERNATIONAL CONFERENCE ON LIGHT SCATTERING SPECTRA OF
SOLIDS, NEW YORK UNIV., OCT 1968, PUB. PROCEEDINGS OF,
DAR ACCESS NO.....209082-003
BY HINDORF H
HIRMAN J L
INST...F33615-68-C-1436
PROJECT.....7885

ARL 68-14168
CLEVITE CORP.
INTEGRATED COS SOLAR CELL ARRAY
PRESENTED AT THE SEVENTH PHOTOVOLTAIC SPECIALISTS
CONFERENCE, PASADENA, CALIF., 19 NOV 1968
DAR ACCESS NO.....210811-003
BY MARTIN J M
SHIMLAND F A
INST...F33615-68-C-1182
PROJECT.....7885

ARL 68-14171
CLEVITE CORP.
THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH EFFICIENCY
COS THIN-FILM SOLAR CELLS
PRESENTED AT THE SEVENTH PHOTOVOLTAIC SPECIALISTS
CONFERENCE, PASADENA, NOVEMBER 1968
DAR ACCESS NO.....211000-003
BY SHIOZAWA L R
SULLIVAN G A
AUGUSTINE F
INST...AF-33/615/05224
PROJECT.....7885

ARL 68-14188
NEW YORK UNIVERSITY
THEORY OF THE PHASE TRANSITION IN IV-VI COMPOUNDS
INTERNATIONAL COLLOQUIUM ON IV-VI COMPOUNDS, PARIS, JULY
1968, PUB. PROCEEDINGS OF, J. DE PHYSIQUE 1968,
DAR ACCESS NO.....21062-004
BY HERMAN J L
INST...F33615-68-C-1436
PROJECT.....7885

ARL 68-14198
LOCKHEED AIRCRAFT CORPORATION
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF GCTE, SNTG,
HIS, PUSF AND PRTG
PRESENTED AT THE INTERNATIONAL CONFERENCE ON IV-VI
SEMICONDUCTING COMPOUNDS, PARIS, FRANCE JULY 1968
DAR ACCESS NO.....210761-011
BY HERMAN F
INST...F33615-67-C-1793
PROJECT.....7885

ARL 68-14208
LOCKHEED AIRCRAFT CORPORATION
RELATIVISTIC FORMULATION OF THE METHOD OF ORTHOGONALIZED
PLANE WAVES
PRESENTATION AT THE AMERICAN PHYSICAL SOCIETY MEETING,
BIRMINGHAM, MARCH 1968
DAR ACCESS NO.....210761-012
BY GREENBURGER I H
HERMAN F
INST...F33615-67-C-1793
PROJECT.....7885

ARL 68-14219
 LOCKHEED AIRCRAFT CORPORATION
 RELATIVISTIC BAND STRUCTURE OF GATE, SHEL, PUTE, RISE AND
 PUS
 INTERNATIONAL COLLOQUIUM ON IV-VE SEMICONDUCTOR COMPOUNDS
 AND PHOTOPROPERTIES OF THE COMPOUNDS, PARIS, JOURNAL OF
 PHYSIQUE, 1968
 BY HERMAN F
 DAW ACCESS NO.....210761-011
 INSTR.....J3015-07-C-1793
 PROJECT.....7445

ARL 68-14220
 LOCKHEED AIRCRAFT CORPORATION
 THEORETICAL CONSTITUTION OF CRYSTALLINE SOLIDS
 SERIES OF LECTURES, SOIC STATE PHYSICS, LABORATORY DE
 PHYSIQUE DES SOLIDES, UNIVERSITY OF ILLINOIS, JUNE 1968
 BY HERMAN F
 DAW ACCESS NO.....210761-014
 INSTR.....J3015-07-C-1793
 PROJECT.....7445

ARL 68-14230
 LOCKHEED AIRCRAFT CORPORATION
 RELATIVISTIC BAND STRUCTURE OF COMPOUND SEMICONDUCTORS
 LECTURES AT SOIC STATE SEMINARS AT ARGONNE NATIONAL
 LABORATORY, OCT 1968 UNIVERSITY OF ILLINOIS, OCT 1968
 BY HERMAN F
 DAW ACCESS NO.....210761-014
 INSTR.....J3015-07-C-1793
 PROJECT.....7445

ARL 68-14240
 AEROSPACE RESEARCH LABORATORIES
 NUCLEAR SPIN-LATTICE RELAXATION IN SEMICONDUCTING CADMIUM
 SULFIDE
 DAW RESEARCH REVIEW ARTICLE, VOL. 11, NUMBER 11, NOVEMBER
 1967
 BY LOM N C
 DAW ACCESS NO.....210570-021
 INSTR.....ARL-7405-10-01
 PROJECT.....7445

ARL 68-14250
 AEROSPACE RESEARCH LABORATORIES
 SELF-CONSISTENT ORB ENERGY BAND CALCULATIONS
 LINCOLN LABORATORIES, LEXINGTON, MASS., 12 DECEMBER 1968
 BY FURUKA H A
 DAW ACCESS NO.....210570-042
 INSTR.....ARL-7445-10-04
 PROJECT.....7445

ARL 68-14260
 AEROSPACE RESEARCH LABORATORIES
 THE FUNDAMENTAL INFRARED THRESHOLD IN THERMAL IMAGE
 DETECTION AS AFFECTED BY DETECTOR CYCLING AND RELATED
 PROBLEMS
 PRESENTED SYMPOSIUM ON PHOTOELECTRIC IMAGE DEVICES,
 IMPERIAL COLLEGE UNIVERSITY, LONDON, ENGLAND, SEPT 1968
 BY SEGEL G P H
 DAW ACCESS NO.....210570-037
 INSTR.....ARL-7445-10-11
 PROJECT.....7445

ARL 68-14270
 AEROSPACE RESEARCH LABORATORIES
 THE BASIC LIMITATIONS IN THERMAL IMAGE DETECTION AS
 AFFECTED BY COOLING, SPECTRAL MATCHING, THE OPTICAL SYSTEM
 AND RELATED PROBLEMS
 PRESENTED AT THE OHIO SECTION OF THE AM. PHYS. SOC. MEETING
 COLUMBUS, OHIO, FEBRUARY 1968
 BY SEGEL G P H
 DAW ACCESS NO.....210570-048
 INSTR.....ARL-7405-10-11
 PROJECT.....7445

ARL 68-14280
 AEROSPACE RESEARCH LABORATORIES
 EXCHANGE APPROXIMATIONS IN ENERGY BAND CALCULATIONS
 LECTURE - LINCOLN LABORATORIES, LEXINGTON, MASS., 12
 DECEMBER 1968
 BY STOKEL D J
 DAW ACCESS NO.....210570-041
 INSTR.....ARL-7405-10-04
 PROJECT.....7445

ARL 68-14290
 AEROSPACE RESEARCH LABORATORIES
 BAND STRUCTURE OF GASES
 LECTURE - LINCOLN LABORATORIES, LEXINGTON, MASS., 12
 DECEMBER 1968
 BY COLLINS T C
 DAW ACCESS NO.....210570-044
 INSTR.....ARL-7405-10-11
 PROJECT.....7445

ARL 68-14300
 AEROSPACE RESEARCH LABORATORIES
 MOLECULAR WEIGHT, ZINCONIUM, AND NITROGEN CHELATES OF
 METAL-ORGANIC COMPOUNDS
 PRESENTATIONS OF THE 1967 INTERNATIONAL SYMPOSIUM, UNIVERSITY
 OF DAYTON PRESS, DAYTON, OHIO, 1968
 BY STEVENS R F
 DAW ACCESS NO.....209700-104
 INSTR.....ARL-7023-00-07
 PROJECT.....7023

ARL 68-14310
 AEROSPACE RESEARCH LABORATORIES
 COORDINATION NUMBER OF THE HARD PARTS IN SOME OF THEIR
 CHELATES
 PRESENTATIONS OF THE 1967 INTERNATIONAL SYMPOSIUM, UNIVERSITY
 OF DAYTON PRESS, DAYTON, OHIO, 1968
 BY WICHAMISON M F
 CUNNINGHAM J A
 SANDS D F
 WAGNER M F
 DAW ACCESS NO.....209700-105
 INSTR.....ARL-7023-00-07
 PROJECT.....7023

ARL 68-14320
 AEROSPACE RESEARCH LABORATORIES
 SOME ALKYL SILANE CHEMISTRY
 PRESENTED AT UNIVERSITY OF IOWA, IOWA CITY, IOWA, 13 DEC 68
 BY FREEDOURGE M E
 DAW ACCESS NO.....209720-050
 INSTR.....ARL-7023-00-09
 PROJECT.....7023

ARL 68-14330
 AEROSPACE RESEARCH LABORATORIES
 INFRARED RADIATION AND SUPPRESSION FROM THE EXHAUST PLUME
 OF JET AIRCRAFT DURING AFTERBURNER OPERATION
 SEVENTH SYMPOSIUM ON INFRARED COUNTER-MEASURES IRIS, SAN
 DIEGO, CALIF., 3-5 DEC 68
 BY MORTENSEN M E
 SCHULLER K
 DAW ACCESS NO.....211150-028
 INSTR.....ARL-7023-00-11
 PROJECT.....7023

ARL 68-14340
 AEROSPACE RESEARCH LABORATORIES
 THE POTENTIAL OF PYROPHORICS
 SEVENTH SYMPOSIUM ON INFRARED COUNTER-MEASURES IRIS, SAN
 DIEGO, CALIF., 3-5 DEC 68
 BY SPIALTER L
 DAW ACCESS NO.....209720-059
 INSTR.....ARL-7023-00-09
 PROJECT.....7023

ARL 68-14350
 AEROSPACE RESEARCH LABORATORIES
 IONIC PROCESSES IN CYCLIC ALKANES
 CHEMICAL PHYSICS SEMINAR, UNIVERSITY OF KANSAS, LAWRENCE,
 KANSAS, 7 DEC 68
 BY TIERMAN T C
 DAW ACCESS NO.....209730-140
 INSTR.....ARL-7023-00-10
 PROJECT.....7023

ARL 68-14360
 AEROSPACE RESEARCH LABORATORIES
 NEGATIVE ION-MOLECULE REACTIONS IN SIMPLE INORGANIC SYSTEMS
 CENTRAL RESEARCH LABORATORY, MONSANTO CHEMICAL CORP., ST.
 LOUIS, MISSOURI, 4 DEC 68
 BY TIERMAN T C
 DAW ACCESS NO.....209730-141
 INSTR.....ARL-7023-00-10
 PROJECT.....7023

ARL 68-14370
 AEROSPACE RESEARCH LABORATORIES
 IONIC PROCESSES IN CYCLOBUTANE
 PRESENTED AT UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH, 6
 DEC 68
 BY TIERMAN T C
 DAW ACCESS NO.....209730-142
 INSTR.....ARL-7023-00-10
 PROJECT.....7023

ARL 68-14380
 MONSANTO RESEARCH CORPORATION
 QUANTITATIVE ANALYSIS FOR ULTRA-TRACE AMOUNTS OF METALS BY
 GAS CHROMATOGRAPHY
 PRESENTED AT NORTH AMERICAN CHEMICAL SOCIETY MEETING,
 BY ROSS B D
 STEVENS R F
 DAW ACCESS NO.....209730-106
 INSTR.....ARL-7023-00-07
 PROJECT.....7023

ARL 68-1439M
STAMFORD UNIVERSITY
ESTIMATION OF LANDAU DAMPING AND COLLISIONAL INSTABILITIES
IN RANSFORD GASES
PAPER - PRESENTED AT THE ANNUAL MEETING OF THE DIV. OF
PLASMA PHYSICS OF THE APS AT MIAMI BEACH, FLA.
DAR ACCESS NO.....209451-003
BY DEWELER H
INSTN...F31615-67-C-1204
PROJECT.....7073

ARL 68-1440M
OHIO STATE UNIVERSITY
NUMERICAL OPTICAL AND PHONON PARAMETRIC INTERACTIONS
LECTURE AT ARL
DAR ACCESS NO.....209520-059
BY HSU H
INSTN...AF-33/615/02272
PROJECT.....7073

ARL 68-1441M
PRINCETON UNIVERSITY
PAST, PRESENT AND FUTURE RESEARCH IN U-MACHINE PLASMAS
LECTURE AT ARL
DAR ACCESS NO.....209520-060
BY CHEN F F
INSTN...AF-33/615/02272
PROJECT.....7073

ARL 68-1442M
MAX PLANCK INSTITUTE
SURVEY ON RESEARCH ON U-MACHINE PLASMAS
LECTURE AT ARL
DAR ACCESS NO.....209520-061
BY VON GLENKE G
INSTN...AF-33/615/02272
PROJECT.....7073

ARL 68-1443M
AVIONIC LABORATORY
PHILOSOPHY OF NON-EQUILIBRIUM STATISTICAL MECHANICS
LECTURE AT ARL
DAR ACCESS NO.....210390-014
BY CASE C T
INSTN...ARL-7073-00-03
PROJECT.....7073

ARL 68-1444M
UNIVERSITY OF ILLINOIS
THE RADIAL PROFILE OF NEON IS METASTABLE IN A HE-NE LASER
AND THEIR LENS EFFECT ON LASING AT 6401A
LECTURE AT ARL
DAR ACCESS NO.....210870-005
BY VERHOEVEN J T
INSTN...AF-33/615/05248
PROJECT.....7073

ARL 68-1445M
QUEEN'S UNIVERSITY OF BELFAST
ANALYSIS OF DIFFUSION AND RECOMBINATION LOSSES IN THE
NEGATIVE GLOW
LECTURE AT ARL
DAR ACCESS NO.....211300-003
BY EMFLEYS K G
INSTN...AF-EDAR -0042-67
PROJECT.....7073

ARL 68-1446M
AEROSPACE RESEARCH LABORATORIES
TURBULENCE IN MAGNETO PLASMAS
RCA VICTOR LTD MONTREAL, CANADA
DAR ACCESS NO.....210390-006
BY SHKARDOSKY I P
INSTN...ARL-7073-00-04
PROJECT.....7073

ARL 68-1447M
AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON
TRANSPORT PROPERTIES AND TURBULENCE IN MAGNETO PLASMAS
LECTURE AT ARL
DAR ACCESS NO.....209280-096
BY SANDRE G
INSTN...AF-33/615/01910
PROJECT.....7073

ARL 68-1448M
UNIVERSITY OF ILLINOIS
LASER DIAGNOSTICS OF PLASMAS
LECTURE AT ARL
DAR ACCESS NO.....210870-006
BY VERHOEVEN J T
INSTN...AF-33/615/05248
PROJECT.....7073

ARL 68-1449M
AEROSPACE RESEARCH LABORATORIES
AN ELECTRODYNAMIC FUSION REACTOR
PORT WAYNE, INDIANA
DAR ACCESS NO.....211300-003
BY HINCH R
INSTN...ARL-7073-00-07
PROJECT.....7073

ARL 68-1450I
AEROSPACE RESEARCH LABORATORIES
DETERMINATION OF SICKNESS AND COMPOSITION OF THIN FILMS BY
THE METHOD OF X-RAY FLUORESCENCE
AFIT MASTERS THESIS GSP/PH/68-8
DAR ACCESS NO.....210880-046
BY CAMPBELL J T
INSTN...ARL-7085-00-04
PROJECT.....7085

ARL 68-1451A
AEROSPACE RESEARCH LABORATORIES
NONLINEAR DATA REDUCTION IN PHYSICAL CHEMISTRY
FIFTH CARIBBEAN CHEMICAL CONFERENCE, UNIVERSITY OF WEST
INDIES, TRINIDAD, WEST INDIES, 6-11 JAN 69
DAR ACCESS NO.....209600-019
BY BECCEV J G
INSTN...ARL-7073-00-02
PROJECT.....7083

ARL 68-1452I
AEROSPACE RESEARCH LABORATORIES
CATHODOLUMINESCENCE OF ZNO
AFIT MASTERS THESIS GNE/PH/68-1 1968
DAR ACCESS NO.....210880-046
BY ALLINGEN L C
INSTN...ARL-7085-00-04
PROJECT.....7085

ARL 68-1453I
AEROSPACE RESEARCH LABORATORIES
ENERGY BAND MODEL FOR INFRARED STIMULATED EMISSION IN ZNS
SINGLE CRYSTALS
AFIT MASTERS THESIS CSP/PH/68-4
DAR ACCESS NO.....210580-047
BY UICKMAN H S
INSTN...ARL-7085-00-04
PROJECT.....7085

ARL 68-1454R
PUNJAB UNIVERSITY
ON A CLASS OF SELECTION AND RANKING PROCEDURES
MIMC SERIES NO.171 SEPTEMBER 1968
DAR ACCESS NO.....208270-017
BY GUPTA S S
PANCHAPAKESAN S
INSTN...AF-33/615/01244
PROJECT.....7071

ARL 68-1455I
AEROSPACE RESEARCH LABORATORIES
NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF COS
AFIT MASTERS THESIS GNE/PH/68-8 1968
DAR ACCESS NO.....210550-024
BY LAMMERS K M
INSTN...ARL-7085-00-01
PROJECT.....7085

ARL 68-1456L
AEROSPACE RESEARCH LABORATORIES
SELF CONSISTENT ONE BAND CALCULATIONS WITH SPECIAL COMMENTS
ON SATURATED EARTH PLUGS
LECTURE, UNIVERSITY OF GEORGIA, 23 MAY 1968
DAR ACCESS NO.....210580-046
BY COLLINS F C
INSTN...ARL-7085-00-04
PROJECT.....7085

ARL 68-1457M
UNIVERSITY OF DAYTON
HIGH TEMPERATURE ELASTIC MODULI OF ALUMINUM
PHYSICS LECTURE AT AEROSPACE RESEARCH LABORATORIES, OCTOBER
29, 1968
DAR ACCESS NO.....211020-011
BY GERLICH D
INSTN...F33615-67-C-1027
PROJECT.....7085

ARL 68-1458B
UNIVERSITY OF DAYTON
ON THE PROMOTION OF PHYSICS IN OUR COMMUNITY
PRESENTATION AT THE OHIO SECTION OF THE AMERICAN PHYSICAL
SOCIETY MTG., OCT 1968
DAR ACCESS NO.....211020-012
BY KHEITMAN H M
YANCY P P
KEPES J J
INSTN...F33615-67-C-1027
PROJECT.....7085

ARL 68-1498A
AEROSPACE RESEARCH LABORATORIES
A STUDY OF THE 492A AND 500S-A LINES IN THE
LOW-TEMPERATURE EMISSION OF CADMIUM SULFIDE
BY CHAFF L C
KINGSTON D L
CHOFF L W
INST...ARL-7845-10-05
PROJECT.....7845

ARL 68-1499A
AEROSPACE RESEARCH CORPORATION
SOLVENT EXTRACTION OF VOLATILE DIVALENT METAL FLUORO-META-
DIRETONATES
11TH INTERNATIONAL CONFERENCE ON COMBINATION CHEMISTRY,
JERUSALEM, ISRAEL, 17 SEP 68.
BY SCHIMMER W G
STEVENS H F
INST...AF-137619/01093
PROJECT.....7023

ARL 68-1490A
AEROSPACE RESEARCH LABORATORIES
ACCURATE MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION
TIMES USING CW SPECTROMETERS
PRESENTATION AT THE AMERICAN PHYSICAL SOCIETY MEETING,
MIAMI BEACH, NOV 1968
BY LOCKER D W
LOCK D C
INST...ARL-7805-00-01
PROJECT.....7845

ARL 68-1489A
AEROSPACE MEDICAL RESEARCH LABORATORY
MAJED MICROANALYSIS OF BERYLLIUM IN BIOLOGICAL FLUIDS
GAS CHROMATOGRAPHY
ANALYTICAL LETTERS, 1 12, 735-747 1968.
BY TAYLOR M L
ARNOLD F L
STEVENS H F
INST...ARL-7023-00-07
PROJECT.....7023

ARL 68-1491A
AEROSPACE RESEARCH LABORATORIES
SELF-CONSISTENT IPR CALCULATION OF GASES USING BOTH SLATERS
AND KORN-SHAW'S APPROXIMATIONS FOR THE EXCHANGE POTENTIAL
PRESENTATION AT THE AMERICAN PHYSICAL SOCIETY MEETING,
MIAMI BEACH, NOV 1968
BY COLLINS T C
EUREKA M N
STURCEL D J
INST...ARL-7845-00-04
PROJECT.....7845

ARL 68-1490M
UNIVERSITY OF CINCINNATI
THEORETICAL AND EXPERIMENTAL STUDIES AT HIGH MASS FLOW
RATES IN HIGH PRESSURE CONDENSED AEROSOLS
PRESENTED AT ARL CONFERENCE ROOM 21 NOV 68
BY CHRISTENSEN D
INST...AF-337615/02272
PROJECT.....7063

ARL 68-1492A
AEROSPACE RESEARCH LABORATORIES
CONSEQUENCE STUDY OF IPR BAND CALCULATIONS FOR WURTZITE AND
ZINC-BLENDE CVD AND ZNTE
PRESENTATION AT THE AMERICAN PHYSICAL SOCIETY MEETING, WASH
D.C., APRIL 1968
BY STURCEL D J
EUREKA M N
COLLINS T C
DEWITT J S
INST...ARL-7805-00-04
PROJECT.....7845

ARL 68-1493A
AEROSPACE RESEARCH LABORATORIES
ELECTRON SPIN POLARIZATION IN FIELD-COOLED
ANTIFERROMAGNETIC CHROMIUM
BY HUNTSON C F
MONTALVO R A
NARCUS J A
INST...ARL-7845-00-02
PROJECT.....7845

ARL 68-1494A
AEROSPACE RESEARCH LABORATORIES
STRAIN-INDUCED SPLITTING OF EXCITON LINES IN WURTZITE TYPE
II-VI CRYSTALS
PRESENTATION AT THE AMERICAN PHYSICAL SOCIETY MEETING,
BERKELEY, CALIF., MAR 68
BY LANGER D W
EUREKA M N
KIDAT F
INST...ARL-7845-00-02
PROJECT.....7845

ARL 68-1495A
AEROSPACE RESEARCH LABORATORIES
DIFFERENTIAL OPTICAL ALPHA POTENTIALS FOR D₂ ALPHA REACTION
CALCULATIONS BY THE DISTORTED-WAVE BORN APPROXIMATION
PRESENTATION AT THE AMERICAN PHYSICAL SOCIETY MEETING,
MIAMI BEACH, NOV 1968
BY DATHICKA W W
DARK V G
LEWIS M M
INST...ARL-7845-00-04
PROJECT.....7845

ARL 68-1496A
AEROSPACE RESEARCH LABORATORIES
STUDY OF EXCHANGE APPROXIMATION IN IPR BAND CALCULATIONS
FOR ZINC-BLENDE II-VI COMPOUNDS
PRESENTATION AT THE AMERICAN PHYSICAL SOCIETY MEETING,
MIAMI BEACH, NOV 1968
BY STURCEL D J
EUREKA M N
COLLINS T C
INST...ARL-7845-00-04
PROJECT.....7845

ARL 68-1497C
AEROSPACE RESEARCH LABORATORIES
ENERGY BAND CALCULATIONS
IIP RESEARCH REVIEW ARTICLE SUBMITTED OCTOBER 1968
BY STURCEL D J
INST...ARL-7845-00-04
PROJECT.....7845

E. Frank J. Sellar Research Laboratory - SRL

SRL 67-0003
FRANK J SELLER RESEARCH LABORATORY
LOWER ORDER LINEAR FILTERING AND PREDICTION OF
NONSTATIONARY RANDOM SEQUENCES FINAL REPORT FEB 1967
BY BRAMMER K G
DAR ACCESS NO.....280430-001
DOC NUMBER.....AD680641
INSTR...FJSRL-7903-00-11
PROJECT/TASK.....7904/00

SRL 68-0016
FRANK J SELLER RESEARCH LAB
CHATTER MOTION OF GYRO-BAND CONTROLLERS
PROCEEDINGS SECOND ANNUAL PRINCETON CONFERENCE ON
INFORMATION SCIENCES AND SYSTEMS PRINCETON UNIV MAR 1968
BY SCHAEFER J P
DAR ACCESS NO.....280480-001
DOC NUMBER.....AD674933
INSTR...FJSRL-7904-00-19
PROJECT/TASK.....7904/00

SRL 67-0004
FRANK J SELLER RESEARCH LABORATORY
TIME OPTIMAL ATTITUDE CONTROL OF A SPINNING VEHICLE FINAL
REPORT MAR 1967
BY DEDDES D H
DAR ACCESS NO.....280570-002
DOC NUMBER.....AD682221
INSTR...FJSRL-7904-00-24
PROJECT/TASK.....7904/24

SRL 67-0005
FRANK J SELLER RESEARCH LABORATORY
THE HUMAN EYE-MOVEMENT MECHANISM EXPERIMENTS A MODELING
AND MODEL TESTING FINAL REPORT JUNE 1967
BY COOK G
STARK L
DAR ACCESS NO.....280520-002
DOC NUMBER.....AD684426
INSTR...FJSRL-7904-00-20
PROJECT/TASK.....7904/00

SRL 67-0006
FRANK J SELLER RESEARCH LABORATORY
EXPERIMENTS ON TRANSVERSE IONIZING WMD SHOCK WAVES FINAL
REPORT MAY 1967
BY STEOBINS C F
DAR ACCESS NO.....280660-001
DOC NUMBER.....AD684013
INSTR...FJSRL-7905-00-10
PROJECT/TASK.....7905/00

SRL 67-0007
FRANK J SELLER RESEARCH LAB
DESIGN FOR MAINTENANCE OF THE SYSTEM BANDWIDTH IN THE
PRESENCE OF PARAMETER CHANGES FINAL REPORT MAR 1967
BY MORGAN H S JR
DAR ACCESS NO.....280530-002
DOC NUMBER.....AD684027
INSTR...FJSRL-7904-00-23
PROJECT/TASK.....7904/00

SRL 68-0001
FRANK J SELLER RESEARCH LAB
AN INTERIMINAL ANALYSIS OF THE DEFENSE IMPACT UPON A
LOCAL COMMUNITY CASE STUDY OF EL PASO COUNTY COLE 100
1941 1965 FINAL REPORT JAN 1968
BY KAMNS J M L
DAR ACCESS NO.....280610-001
DOC NUMBER.....AD673733
INSTR...FJSRL-7904-00-29
PROJECT/TASK.....7904/00

SRL 68-0002
FRANK J SELLER RESEARCH LAB
A GENERALIZED STEEPEST DESCENT ALGORITHM FOR MULTISTAGE
OPTIMIZATION PROCESSES FINAL REPORT JUNE 1968
BY VACHIND H F
DAR ACCESS NO.....280130-001
DOC NUMBER.....AD673963
INSTR...FJSRL-7904-00-03
PROJECT/TASK.....7904/00

SRL 68-0003
FRANK J SELLER RESEARCH LAB
AN APPROXIMATION TECHNIQUE FOR SINGULAR CONTROL PROBLEMS
FINAL REPORT DEC 1967
BY COOK G
DAR ACCESS NO.....280510-002
DOC NUMBER.....AD685151
INSTR...FJSRL-7904-00-21
PROJECT/TASK.....7904/00

SRL 68-0006
FRANK J SELLER RESEARCH LAB
JUMPS ACROSS TRANSVERSE IONIZING WMD SHOCK WAVES IN HEAL
HYDROGEN USING B COMPRESSION AS A PARAMETER AN EXPLICIT
DESCRIPTION OF THE STATE OF AN EQUILIBRIUM HYDROGEN PLASMA
SUPPLEMENTARY TECH REPORT OCT 1968
BY STEBBINS C F
CLAWSON D W
DAR ACCESS NO.....280660-002
DOC NUMBER.....AD680667
INSTR...FJSRL-7905-00-10
PROJECT/TASK.....7905/00

F. Office of Research Analyses - ORA

<p>ORA 67-0001 OFFICE OF RESEARCH ANALYSES AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME I - MIDCOURSE AND TERMINAL BALLISTIC MISSILE DEFENSE SYSTEM EFFECTIVENESS COMPARISON FOR FINAL REPORT JULY 1967 BY HALL H D DAM ACCESS NO.....280350-000 DOC NUMBER.....A038350L INST.....ORA-5101-00-01 PROJECT/TASK.....5101/01</p>	<p>ORA 68-0002 OFFICE OF RESEARCH ANALYSES AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME II-SUMMARY AND HIGHLIGHTS FINAL REPORT FEB 1968 BY HALL H D DAM ACCESS NO.....280350-000 INST.....ORA-5101-00-01 PROJECT/TASK.....5101/00</p>
<p>ORA 67-0002 OFFICE OF RESEARCH ANALYSES AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME II - AREA DEFENSE SPACE-TIME STUDY FINAL REPORT JULY 1967 BY HALL H D DAM ACCESS NO.....280350-000 DOC NUMBER.....A038350L INST.....ORA-5101-00-01 PROJECT/TASK.....5101/01</p>	<p>ORA 68-0004 OFFICE OF RESEARCH ANALYSES SMALL SURFACE-TO-AIR MISSILES IN A LIMITED BAH ENVIRONMENT FINAL REPORT MAR 1968 BY NEWBART B H JR DAM ACCESS NO.....280350-000 INST.....ORA-7910-00-05 PROJECT/TASK.....7910/01</p>
<p>ORA 67-0003 OFFICE OF RESEARCH ANALYSES AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME III - MULTISTAGE FILTER MODEL FINAL REPORT JULY 1967 BY HALL H D DAM ACCESS NO.....280350-000 DOC NUMBER.....A038350L INST.....ORA-5101-00-01 PROJECT/TASK.....5101/01</p>	<p>ORA 68-0005 OFFICE OF RESEARCH ANALYSES THE AND HYATRO THERMAL JET ENGINE FINAL REPORT MAR 1968 BY HENZIG F G DAM ACCESS NO.....280350-000 INST.....ORA-7910-00-02 PROJECT/TASK.....7910/06</p>
<p>ORA 67-0004 DOUGLAS AIRCRAFT CO INC STRUCTURE OF A METHODOLOGY FOR ENVIRONMENTAL PROJECTIONS FINAL REPORT JUNE 1967 BY EVANSER D N YOUNG M A CALHOUN H L DAM ACCESS NO.....280350-000 DOC NUMBER.....A038350L INST.....ORA-5101-00-02 PROJECT/TASK.....7909/02</p>	<p>ORA 68-0008 CORNELL AERONAUTICAL LABORATORY INC INTENTIONS ANALYSIS A METHODOLOGICAL COMPONENT OF FORECASTING INTERNATIONAL BEHAVIOR FINAL REPORT FEB 1968 BY LESTONE J M DAM ACCESS NO.....280350-000 INST.....7900-07-C-0059 PROJECT/TASK.....7909/00</p>
<p>ORA 67-0005 OFFICE OF RESEARCH ANALYSES AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IV - ANALYSIS OF THE SOVIET AND CPR BALLISTIC MISSILE THREAT FOR THE TIME PERIOD 1975-1990 BY DUTCH F H DAM ACCESS NO.....280350-000 DOC NUMBER.....A038350L INST.....ORA-5101-00-01 PROJECT/TASK.....5101/00</p>	<p>ORA 68-0010 OFFICE OF RESEARCH ANALYSES TECHNOLOGICAL HAZARDS TO AREA ICHM OFFENSE VOLUME I FINAL REPORT AUG 1968 BY HALL H D DAM ACCESS NO.....280350-000 INST.....ORA-7910-00-01 PROJECT/TASK.....7910/00</p>
<p>ORA 67-0007 OFFICE OF RESEARCH ANALYSES AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME V-PROBABILITY AND RELATED STUDIES FINAL REPORT OCT 1967 BY HALL H D DAM ACCESS NO.....280350-000 DOC NUMBER.....A038350L INST.....ORA-5101-00-01 PROJECT/TASK.....5101/01</p>	
<p>ORA 67-0017 OFFICE OF RESEARCH ANALYSES ON SEVERAL STATISTICAL CHARACTERISTICS OF MIRA VARIABLES FINAL REPORT JUL 1967 BY BRUCHER C A DAM ACCESS NO.....280350-000 DOC NUMBER.....A038350L INST.....ORA-7900-01-02 PROJECT/TASK.....7909/01</p>	
<p>ORA 67-0018 OFFICE OF RESEARCH ANALYSES AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME VII-SUPPORTING STUDIES ON TECHNOLOGY AND COSTS FINAL REPORT NOV 1967 BY HALL H D DAM ACCESS NO.....280350-000 DOC NUMBER.....A038350L INST.....ORA-5101-00-01 PROJECT/TASK.....5101/00</p>	
<p>ORA 68-0001 OFFICE OF RESEARCH ANALYSES AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IX - STRATEGY CONSIDERATIONS IN AREA DEFENSE FINAL REPORT JAN 1968 BY ANTONSON R H MANZ H J DAM ACCESS NO.....280350-000 DOC NUMBER.....A038350L INST.....ORA-5101-00-01 PROJECT/TASK.....5101/01</p>	

SECTION II. CORPORATE-AUTHOR INDEX

A S THOMAS INC

AFCL 67-0319

ADAMS ASSOCIATES INC

AFCL 68-0128 AFCL 68-0129 AFCL 68-0130 AFCL 68-0131 AFCL 68-0132

ADCOLE CORPORATION

AFCL 68-0199

ADELPHI UNIVERSITY

AFOSR 67-0312 AFOSR 67-1334 AFOSR 68-0688

ADVANCED KINETICS

AFOSR 67-0444

ADVANCED KINETICS INC

AFOSR 68-1358

ADVANCED METALS RESEARCH CORP

AFCL 67-0599

ADVANCED TECHNOLOGY CORPORATION

AFCL 68-0249

AEROCHEM RESEARCH LABORATORIES INC

AFOSR 67-1986

AEROCHEM RESEARCH LABORATORY INC

AFOSR 68-2605 AFOSR 68-2824

AEROCHEM RESEARCH LABS INC

AFOSR 67-0468 AFOSR 67-1995 AFOSR 67-2042 AFOSR 67-2254 AFOSR 67-2597 AFOSR 68-1202 AFOSR 68-1286

AEROJET GENERAL CORPORATION

ARL 67-1301R ARL 67-1302R ARL 67-1303H ARL 68-1198R

AEROJET-GENERAL NUCLEONICS

AFOSR 68-1724

AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON

ARL 67-0103U ARL 67-0188U ARL 68-0136U ARL 68-1447H

AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON INC

AFOSR 67-0067 AFOSR 68-0032 AFOSR 68-0617 ARL 67-0150U

AERONAUTICAL RSCH ASSOC OF PRINCETON

AFOSR 68-0847

AERONUTRONIC DIVISION OF PHILCO-FORD

AFOSR 67-0889

AEROSPACE RESEARCH LABORATORIES

ARL 67-1285A

AFOSR 68-2178

AMERICAN INSTITUTE OF PHYSICS
AFOSR 67-0613

AMERICAN MATHEMATICAL SOCIETY
AFOSR 67-0629 AFOSR 67-0630 AFOSR 67-0631 AFOSR 67-2687 AFOSR 67-2688 AFOSR 67-2689 AFOSR 68-1019

AMERICAN OPTICAL COMPANY
AFCL 67-0318

AMERICAN SCIENCE AND ENGINEERING
AFCL 67-0196 AFCL 67-0231 AFCL 67-0635 AFCL 68-0286

AMERICAN SCIENCE AND ENGINEERING INC
AFCL 67-0277 AFOSR 68-0431 AFCL 67-0942 AFCL 67-0607 AFCL 67-0618 AFCL 68-0222 AFCL 68-0300 AFCL 69-0411

AMERICAN UNIVERSITY
AFOSR 68-0623 AFOSR 68-1024

AMERICAN UNIVERSITY OF BEIRUT
AFOSR 67-1303 AFOSR 68-0199

ANALYSIS & COMPUTER SYSTEMS INC
AFCL 68-0244 AFCL 68-0341

ANALYSIS & COMPUTER SYSTEMS INC
AFCL 67-0561

ANALYTICAL MECHANICS ASSOCIATES INC
AFOSR 67-0294

ANDREW CORP
AFCL 68-0139 AFCL 68-0248

ANDREW CORPORATION
AFCL 67-0574

ANTIOCH COLLEGE
AFOSR 67-1941 AFOSR 67-1950 AFOSR 67-1951

APPLICAZIONI RICERCHE SCIENTIFICHE
AFOSR 67-1913 AFOSR 67-1914 AFOSR 67-1915 AFOSR 67-1916

APPLICAZIONI RICERCHE SCIENTIFICHE
AFOSR 67-2682 AFOSR 68-2315

APPLICAZIONI RICERCHE SCIENTIFICHE
AFOSR 67-0691 AFOSR 67-0692

APPLICAZIONI RICERCHE SCIENTIFICHE
AFOSR 68-2403

APPLIED LOGIC CORPORATION
AFCL 67-0167

APPLIED MATHEMATICS RESEARCH LABORATORY
ARL 67-00591

ARA INC
AFOSR 67-0005

ARCTIC INSTITUTE OF NORTH AMERICA
AFOSR 67-0144 AFOSR 67-0943 AFOSR 67-2519 AFOSR 67-2690 AFOSR 68-1940

ARIZONA STATE UNIVERSITY

AFOSR 67-0357 AFOSR 67-1392 AFOSR 67-2684 AFOSR 68-0310 AFOSR 68-0609 AFOSR 68-1443

ARIZONA UNIVERSITY OF
AFOSR 68-2086

ARNOLD ENGINEERING DEVELOPMENT CENTER
ARL 68-1223R

ARTHUR D LITTLE INC
AFOSR 67-0932 AFOSR 67-0937

ASSOC POUR L ETUDE ET
AFOSR 68-0119

ASSOC POUR L'ETUDE ET LA RECH
AFOSR 68-0143 AFOSR 68-1524

ASSOCIATION OF THE FRIENDS OF THE PHYSICS LABORATORY
ARL 67-0237W ARL 67-0241W

ASTROSYSTEMS INTERNATIONAL INC
AFOSR 67-1795

ATLANTIC RESEARCH CORP
AFOSR 67-0233 AFOSR 67-1786 AFOSR 68-1945 AFOSR 68-2408

ATLANTIC RESEARCH CORPORATION
AFOSR 67-0382 AFOSR 67-0929 AFOSR 67-1788 AFOSR 67-1974 AFOSR 67-1999 AFOSR 67-2411 AFOSR 68-0002

ATMOSPHERIC RESEARCH & DEV CORP
AFOSR 68-0412

ATMOSPHERIC RESEARCH & DEVELOPMENT CORP
AFOSR 67-0471

ATOMIC COLLISIONS LABORATORY
AFOSR 68-2062

AUBURN UNIVERSITY
AFOSR 67-0206 AFOSR 68-0187 AFOSR 68-0271

AUCKLAND UNIVERSITY
AFOSR 68-2519

AURORA OBSERVATORY
AFOSR 68-0260

AUSTRIAN STUDY GROUP FOR ATOMIC ENERGY
AFOSR 67-0509 AFOSR 67-2697

AVCO CORP
AFOSR 67-0103 AFOSR 67-0172 AFOSR 68-0047 AFOSR 68-1937 AFOSR 68-1939 AFOSR 68-2042 ARL 67-0007U

AVCO CORPORATION
ARL 67-0245W ARL 67-0241W ARL 67-1235B ARL 68-0103U ARL 68-1019B ARL 68-1183B ARL 68-1184W

AVCO CORPORATION, SSD
ARL 68-1127W

AVCO EVERETT RESEARCH LABORATORY
AFOSR 67-0213 AFOSR 67-0230 AFOSR 67-0418 AFOSR 67-1160 AFOSR 67-2049 AFOSR 68-0147 ARL 68-0285W

AVCO MISSILES
ARL 68-0078U

AVCO-EVERETT RESEARCH LABORATORY

ARL 68-10200 ARL 68-10210

AVCO-EVERETT RESEARCH LAB

AFOSH 67-1794 AFOSR 68-0222 AFOSH 68-0340 AFOSR 68-1377

AVIONICS LABORATORY

ARL 68-1443M

AVOCO CORP

AFOSR 67-1139

BARKLEY AND DENTEN LAHS INC

AFCHL 67-0597

BARTLESVILLE PETROLEUM RESEARCH CENTER

AFOSR 67-1787

BATTELLE MEMORIAL INSTITUTE

AFCHL 68-0441 AFOSR 67-0037 AFOSR 67-0082 AFOSR 67-0083 AFOSR 67-0085 AFOSR 67-1231 AFOSR 68-0413
AFOSR 68-0814 AFOSR 68-0855 AFOSR 68-0982 AFOSR 68-1101 AFOSR 68-1475 ARL 67-0002U ARL 67-0221U
ARL 67-1296W ARL 68-0164W ARL 68-0180W ARL 68-1167H

BAYLOR UNIVERSITY

AFOSH 68-2169

BELL AEROSYSTEMS CO

AFOSR 68-1347 AFOSR 68-1350

BELL AEROSYSTEMS COMPANY

AFOSH 67-0054 AFOSH 67-0051

BELL AND HOWELL RESEARCH LABORATORIES

ARL 68-0172U

BELL TELEPHONE LABORATORIES

AFCHL 67-0044 ARL 68-1360M

BELL TELEPHONE LABORATORIES INC

AFCHL 67-0293

BENDIS CORP

AFCHL 67-0149

BERGEN UNIVERSITY OF

AFOSR 68-2758

BIRMINGHAM UNIVERSITY OF

AFOSR 68-1982

BLOCK ENGINEERING INC

AFCHL 67-0359 AFCHL 68-0050 AFCHL 68-0201 AFCHL 68-0600

BOLT BERANKE AND NEWMAN INC

AFCHL 67-0264 AFCHL 67-0412 AFCHL 67-0454 AFCHL 67-0445 AFCHL 67-0499 AFCHL 67-0514 AFCHL 68-0043
AFCHL 68-0054 AFCHL 68-0055 AFCHL 68-0056 AFCHL 68-0085 AFCHL 68-0120 AFCHL 68-1180 AFCHL 68-0446
AFCHL 68-0605

BORN RUNGE FOUNDATION

AFOSH 68-2098

BORN RUNGE FOUNDATION

AFOSH 67-2570 AFOSH 67-2571

BOSTON COLLEGE

AFCHL 67-0112 AFCHL 67-0424 AFCHL 67-0447 AFCHL 67-0544 AFCHL 68-0018 AFCHL 68-0424 AFCHL 68-0549

BOSTON UNIVERSITY

AFCL 68-0098	AFCL 68-0099	AFCL 68-0130	AFCL 68-0168	AFCL 68-0869	AFOSR 67-0120	AFOSR 67-0128
AFOSR 67-0849	AFOSR 67-0530	AFOSR 67-0673	AFOSR 67-1120	AFOSR 67-1357	AFOSR 67-1409	AFOSR 67-2196
AFOSR 67-2239	AFOSR 67-2243	AFOSR 67-2317	AFOSR 67-2520	AFOSR 68-0760	AFOSR 68-0787	AFOSR 68-1420
AFOSR 68-1949	AFOSR 68-2605	AFOSR 68-2744	AFOSR 68-2749			
BRANDEIS UNIVERSITY						
AFCL 67-0041	AFCL 67-0119	AFCL 67-0297	AFCL 67-0316	AFCL 67-0323	AFCL 67-0397	AFCL 67-0688
AFCL 68-0032	AFCL 68-0054	AFCL 68-0064	AFCL 68-0189	AFCL 68-0218	AFCL 68-0358	AFCL 68-0588
AFOSR 67-1473	AFOSR 67-0768	AFOSR 67-0379	AFOSR 67-0700	AFOSR 67-0886	AFOSR 67-0887	AFOSR 67-1462
AFOSR 68-0715	AFOSR 68-1011	AFOSR 67-2524	AFOSR 68-0112	AFOSR 68-0146	AFOSR 68-0268	AFOSR 68-0310
AFOSR 68-1912	AFOSR 68-1086	AFOSR 68-1039	AFOSR 68-1637	AFOSR 68-1638	AFOSR 68-1700	AFOSR 68-1908
AFOSR 68-2480	AFOSR 68-2829	AFOSR 68-2138	AFOSR 68-2433	AFOSR 68-2474	AFOSR 68-2475	AFOSR 68-2476
BRIGHAM YOUNG UNIVERSITY						
AFOSR 67-1767	AFOSR 68-0055	AFOSR 68-1286				
BRISTOL UNIVERSITY						
AFOSR 68-0801	AFOSR 68-0888	AFOSR 68-0889	AFOSR 68-1133	AFOSR 68-1333	AFOSR 68-1335	AFOSR 68-1336
BRISTOL UNIVERSITY OF						
AFOSR 68-2814						
BRITISH COLUMBIA UNIVERSITY OF						
AFOSR 68-2382	AFOSR 68-2783					
BROOKLYN POLYTECHNIC INSTITUTE OF						
AFOSR 68-1082	AFOSR 68-1192	AFOSR 68-1666	AFOSR 68-2163	AFOSR 68-2816	AFOSR 68-2838	AFOSR 68-2839
AFOSR 68-2849						
BROWN UNIVERSITY						
AFCL 67-0099	AFCL 67-0166	AFCL 67-0315	AFCL 68-0287	AFCL 68-0346	AFCL 67-0239	AFOSR 67-0217
AFOSR 67-0306	AFOSR 67-0841	AFOSR 67-0997	AFOSR 67-1042	AFOSR 67-1084	AFOSR 67-1264	AFOSR 67-1278
AFOSR 67-1280	AFOSR 67-1352	AFOSR 67-1926	AFOSR 67-1935	AFOSR 67-2174	AFOSR 67-2178	AFOSR 67-2203
AFOSR 67-2219	AFOSR 67-2299	AFOSR 67-2420	AFOSR 67-2474	AFOSR 67-2702	AFOSR 68-0160	AFOSR 68-0161
AFOSR 68-0169	AFOSR 68-0307	AFOSR 68-0553	AFOSR 68-0767	AFOSR 68-0768	AFOSR 68-0808	AFOSR 68-1315
AFOSR 68-1339	AFOSR 68-1433	AFOSR 68-1763	AFOSR 68-2209	AFOSR 68-2260	AFOSR 68-2423	AFOSR 68-2424
AFOSR 68-2539	AFOSR 68-2589	AFOSR 68-2769	AFOSR 68-2829	AFOSR 68-2860	AFOSR 68-2861	AFOSR 68-2862
ARL 67-0290W	ARL 68-0017U	ARL 68-0021U	ARL 68-0022U	ARL 68-0048T	ARL 68-0334W	ARL 67-0275U
BRYN MAWR COLLEGE						
AFOSR 67-1919	AFOSR 67-2109					
BUNKER RANE CORP						
AFOSR 68-0765						
BUNKER-RANO CORP						
AFOSR 68-0390						
BUREAU OF MINES						
AFOSR 67-0881	AFOSR 68-0984	AFOSR 68-1231	AFOSR 68-1245			
BUREAU OF SOCIAL SCIENCE RESEARCH						
AFOSR 67	J					
BUREAU OF SOCIAL SCIENCE RESEARCH INC						
AFOSR 67-0392	AFOSR 68-0042	AFOSR 68-0579	AFOSR 68-0580	AFOSR 68-0631	AFOSR 68-0953	AFOSR 68-1406
AFOSR 68-1407	AFOSR 68-1408	AFOSR 68-1409	AFOSR 68-1410			
C-E-I-R INC						
AFOSR 68-0744	ARL 68-0777U					
CALIFORNIA INSTITUTE OF TECHNOLOGY						
AFOSR 67-0034	AFOSR 67-0094	AFOSR 67-0095	AFOSR 67-0199	AFOSR 67-0165	AFOSR 67-0386	AFOSR 67-0590
AFOSR 67-0623	AFOSR 67-0624	AFOSR 67-0625	AFOSR 67-0627	AFOSR 67-0628	AFOSR 67-0643	AFOSR 67-0675
AFOSR 67-0676	AFOSR 67-0783	AFOSR 67-0879	AFOSR 67-1013	AFOSR 67-1053	AFOSR 67-1058	AFOSR 67-1096
AFOSR 67-1121	AFOSR 67-1174	AFOSR 67-1181	AFOSR 67-1182	AFOSR 67-1184	AFOSR 67-1261	AFOSR 67-1332
AFOSR 67-1371	AFOSR 67-1598	AFOSR 67-1867	AFOSR 67-2024	AFOSR 67-2083	AFOSR 67-2084	AFOSR 67-2108
AFOSR 67-2143	AFOSR 67-2147	AFOSR 67-2197	AFOSR 67-2198	AFOSR 67-2200	AFOSR 67-2252	AFOSR 67-2443
AFOSR 67-2448	AFOSR 67-2460	AFOSR 67-2461	AFOSR 67-2462	AFOSR 67-2512	AFOSR 67-2576	AFOSR 67-2577
AFOSR 67-2679	AFOSR 67-2673	AFOSR 67-2696	AFOSR 67-2759	AFOSR 67-2772	AFOSR 67-2833	AFOSR 68-0096
AFOSR 68-0174	AFOSR 68-0221	AFOSR 68-0239	AFOSR 68-0257	AFOSR 68-0258	AFOSR 68-0671	AFOSR 68-0673
AFOSR 68-0743	AFOSR 68-0835	AFOSR 68-0960	AFOSR 68-0976	AFOSR 68-0990	AFOSR 68-0994	AFOSR 68-1081
AFOSR 68-1086	AFOSR 68-1156	AFOSR 68-1193	AFOSR 68-1271	AFOSR 68-1357	AFOSR 68-1430	AFOSR 68-1436
AFOSR 68-1442	AFOSR 68-1445	AFOSR 68-1449	AFOSR 68-1450	AFOSR 68-1451	AFOSR 68-1555	AFOSR 68-1562
AFOSR 68-1567	AFOSR 68-1569	AFOSR 68-1626	AFOSR 68-1641	AFOSR 68-1694	AFOSR 68-1828	AFOSR 68-1857
AFOSR 68-1904	AFOSR 68-1948	AFOSR 68-2107	AFOSR 68-2138	AFOSR 68-2264	AFOSR 68-2305	AFOSR 68-2429
AFOSR 68-2516	AFOSR 68-2834					

CALIFORNIA STATE COLLEGE

AFOSR 67-1039 AFOSR 67-1030 AFOSH 68-2273

CALIFORNIA UNIV ELECTRONICS RECH LAB

AFOSR 68-

CALIFORNIA UNIVERSITY OF

AFOSR 68-1552	AFOSR 68-1616	AFOSH 68-1624	AFOSH 68-1628	AFOSR 68-1909	AFOSR 68-2008	AFOSH 68-2358
AFOSH 68-2359	AFOSR 68-2420	AFOSH 68-2497	AFOSR 68-2507	AFOSR 68-2530	AFOSR 68-2601	AFOSR 68-2607
AFOSR 68-2608	AFOSR 68-2610	AFOSR 68-2619	AFOSR 68-2625	AFOSR 68-2643	AFOSR 68-2661	AFOSR 68-2668
AFOSR 68-2683	AFOSH 68-2684	AFOSH 68-2685	AFOSR 68-2713	AFOSR 68-2766	AFOSH 68-2792	AFOSR 68-2794
AFOSR 68-2825	AFOSH 68-2829	AFOSR 68-2874	AFOSR 68-2847	AFOSR 68-2877		

CAMBRIDGE SYSTEMS INC

AFCL 68-0416

CAMBRIDGE UNIVERSITY

AFOSR 67-0141	AFOSR 67-0520	AFOSR 67-1630	AFOSR 67-1637	AFOSR 68-0395	AFOSR 68-0572	AFOSR 68-0613
AFOSH 68-0746	AFOSR 68-0747	AFOSH 68-0748	AFOSH 68-0779	AFOSR 68-0910	AFOSR 68-1212	AFOSR 68-1331
AFOSR 68-1789						

CANADIAN COMMERCIAL CORP

AFCL 67-0623 AFCL 67-0624 AFCL 67-0625 AFCL 68-0415 AHL 67-00200

CANTERBURY UNIVERSITY

AFOSR 68-2132

CARNEGIE INSTITUTE OF TECHNOLOGY

AFOSR 67-0198	AFOSH 67-0252	AFOSR 67-0253	AFOSR 67-0254	AFOSR 67-0255	AFOSR 67-0256	AFOSR 67-0257
AFOSR 67-0258	AFOSR 67-0259	AFOSR 67-0260	AFOSH 67-0306	AFOSR 67-0507	AFOSR 67-0755	AFOSR 67-0968
AFOSR 67-1265	AFOSR 67-1470	AFOSR 67-1493	AFOSH 67-1618	AFOSR 67-1758	AFOSR 67-1968	AFOSR 67-2014
AFOSR 67-2045	AFOSR 67-2129	AFOSH 67-2508	AFOSH 67-2718	AFOSR 67-2789	AFOSH 68-0440	AFOSH 68-0916
AFOSH 68-1181						

CARNEGIE MELLON UNIVERSITY

AFOSH 68-1733

CARNEGIE-MELLON UNIVERSITY

AFCL 68-0340	AFCL 68-0530	AFOSH 67-2169	AFOSR 67-2204	AFOSH 67-2207	AFOSR 67-2400	AFOSR 67-2516
AFOSR 67-2817	AFOSR 67-2518	AFOSR 67-2534	AFOSR 67-2714	AFOSR 67-2808	AFOSR 68-0615	AFOSR 68-0632
AFOSR 68-0651	AFOSR 68-0664	AFOSR 68-0763	AFOSR 68-0795	AFOSR 68-0856	AFOSR 68-0937	AFOSR 68-0938
AFOSR 68-1295	AFOSR 68-1302	AFOSH 68-1374	AFOSR 68-1520	AFOSR 68-1594	AFOSR 68-1595	AFOSR 68-1612
AFOSR 68-1938						

CARNEGIE/MELLON UNIVERSITY

AFOSH 68-2185 AFOSR 68-2307 AFOSR 68-2594 AFOSR 68-2641 AFOSR 68-2654 AFOSR 68-2667

CASE INSTITUTE OF TECHNOLOGY

AFCL 67-0155	AFCL 67-0375	AFCL 67-0376	AFCL 67-0419	AFCL 67-0606	AFML 67-0082	AFML 67-0095
AFOSR 67-0371	AFOSR 67-0396	AFOSR 67-0434	AFOSH 67-0435	AFOSR 67-0436	AFOSR 67-0437	AFOSR 67-0604
AFOSR 67-1146	AFOSR 67-1158	AFOSR 67-1262	AFOSH 67-1508	AFOSR 67-1509	AFOSR 67-1563	AFOSH 68-0205
AFOSR 68-0206						

CASE WESTERN RESERVE UNIVERSITY

AFCL 68-0170	AFOSH 67-2451	AFOSH 67-2556	AFOSH 68-0346	AFOSH 68-0514	AFOSR 68-0958	AFOSR 68-0950
AFOSR 68-0965	AFOSH 68-0445	AFOSH 68-1276	AFOSH 68-1277	AFOSR 68-1324	AFOSR 68-1454	AFOSR 68-1467
AFOSR 68-1557	AFOSR 68-1558	AFOSR 68-1634	AFOSR 68-1775	AFOSR 68-2003	AFOSR 68-2043	AFOSR 68-2044
AFOSR 68-2509	AFOSR 68-2510	AFOSH 68-2511	AFOSR 68-2522	AFOSR 68-2702	AFOSR 68-2753	ARL 68-13524

CASE WESTERN RESERVE UNIVERSITY SCHOOL OF ENGINEERING

AFCL 67-0553

CATHOLIC UNIVERSITY

AFOSH 67-0025

CATHOLIC UNIVERSITY OF AMERICA

AFOSR 67-1190	AFOSH 67-1969	AFOSR 67-2093	AFOSH 67-2395	AFOSR 68-0702	AFOSH 68-1752	AFOSH 68-2740
ARL 67-00430						

CATHOLIC UNIVERSITY OF CHILE

AFOSR 68-0704 AFOSH 68-2731

CENTRAL UNIVERSITY OF ECUADOR

AFOSR 67-0843

CENTRE D'ENSEIGNEMENT ET DE RECH

AFOSR 66-1423

CHEMISTRY RESEARCH LABORATORY

ARL 67-0172V ARL 67-0183V ARL 67-1047A ARL 67-1106A ARL 67-1128A ARL 67-1237A ARL 68-0013V
 ARL 68-0034V ARL 68-0041V ARL 68-1121L ARL 68-1122G ARL 68-1128M

CHICAGO UNIVERSITY

AFOSR 66-0089 AFOSR 66-1877 AFOSM 68-2000 AFOSR 68-2004 AFOSR 68-2288 AFOSR 68-2391 AFOSR 68-2483
 AFOSR 68-2827 AFOSR 68-2816 AFOSM 68-2830 AFOSR 68-2851

CINCINNATI UNIV RESEARCH FOUNDATION

ARL 67-1187M ARL 67-1188M ARL 67-1312M ARL 68-1086M ARL 68-1089M ARL 68-1090M ARL 68-1091M
 ARL 68-1092M ARL 68-1093M ARL 68-1094M ARL 68-1095M ARL 68-1096M ARL 68-1097M ARL 68-1098M
 ARL 68-1099M ARL 68-1100M ARL 68-1101M ARL 68-1102M ARL 68-1103M ARL 68-1104M ARL 68-1105M

CITY COLLEGE OF NEW YORK

AFOSR 67-2228 AFOSR 67-2229 AFOSM 67-2783 AFOSM 68-0634 AFOSR 68-0639

CITY COLLEGE RESEARCH FOUNDATION

AFOSM 68-1111 AFOSR 68-2639 AFOSR 68-2619

CLARK UNIVERSITY

AFOSR 67-1256 AFOSR 67-2351 AFOSR 68-0699 AFOSR 68-1983

CLARKSON COLLEGE OF TECHNOLOGY

AFOSR 67-1088 AFOSR 67-1580 AFOSR 68-0593 AFOSR 68-0806 AFOSR 68-1718

CLEMSON UNIVERSITY

AFOSR 67-0352 AFOSR 67-1100 AFOSR 67-1102 AFOSR 67-2189 AFOSR 68-0913

CLEVITE CORP

ARL 68-1410B ARL 68-1417D

CLEVITE CORP., ELECTRONIC RESEARCH DIVISION

ARL 68-1412M

CLEVITE CORPORATION

ARL 67-0144U ARL 67-0190U ARL 67-0282U APL 67-1318H ARL 67-1319D ARL 68-0217U

CLEVITE CORPORATION, ELECTRONIC RESEARCH DIVISION

ARL 68-0153U

COLLEGE PARK MD

AFOSR 68-2299

COLORADO STATE UNIVERSITY

AFOSM 67-0297 AFOSR 67-0838 AFOSR 68-1258 AFOSM 68-2752

COLORADO UNIVERSITY

AFOSR 68-2108

COLORADO UNIVERSITY OF

AFOSM 68-2834 AFOSR 68-2704

COLUMBIA UNIVERSITY

AFOSM 67-2363

COLUMBIA UNIVERSITY

AFCHL 67-0022 AFCHL 67-0057 AFCHL 67-0055 AFCHL 67-0234 AFCHL 67-0261 AFCHL 67-0262 AFCHL 67-0291
 AFCHL 67-0298 AFCHL 67-0376 AFCHL 67-0327 AFCHL 67-0449 AFCHL 67-0639 AFCHL 68-0044 AFCHL 68-0063
 AFCHL 68-0161 AFCHL 68-0162 AFCHL 68-0168 AFCHL 68-0269 AFCHL 68-0305 AFCHL 68-0305 AFCHL 68-0306
 AFCHL 68-0437 AFCHL 68-0553 AFCHL 68-0604 AFCHL 68-0618 AFCHL 68-0623 AFCHL 68-0623 AFCHL 68-0623
 AFOSR 67-0143 AFOSM 67-0190 AFOSM 67-0290 AFOSM 67-0292 AFOSM 67-0315 AFOSM 67-0369 AFOSM 67-0384
 AFOSM 67-1125 AFOSM 67-1147 AFOSM 67-1172 AFOSM 67-1227 AFOSM 67-1252 AFOSM 67-1253 AFOSM 67-1263
 AFOSM 67-1490 AFOSM 67-1491 AFOSM 67-1492 AFOSM 67-1516 AFOSM 67-1526 AFOSM 67-1578 AFOSM 67-1608
 AFOSM 67-1672 AFOSM 67-1673 AFOSM 67-1674 AFOSM 67-1675 AFOSM 67-1676 AFOSM 67-1677 AFOSM 67-1678
 AFOSM 67-2115 AFOSM 67-2141 AFOSM 67-2142 AFOSM 67-2150 AFOSM 67-2151 AFOSM 67-2152 AFOSM 67-2153
 AFOSM 67-2439 AFOSM 67-2439 AFOSM 67-2439 AFOSM 67-2439 AFOSM 67-2439 AFOSM 67-2439 AFOSM 67-2439
 AFOSM 68-0380 AFOSM 68-0148 AFOSM 68-0224 AFOSM 68-0228 AFOSM 68-0306 AFOSM 68-0306 AFOSM 68-0306
 AFOSM 68-0387 AFOSM 68-0388 AFOSM 68-0396 AFOSM 68-0397 AFOSM 68-0399 AFOSM 68-0399 AFOSM 68-0399
 AFOSM 68-0437

D BROWN ASSOCIATES INC

AFCHL 67-0588

DABCOVICH & CO INC

AFCHL 68-0870

DABLOVICH & COMPANY INC

AFCHL 68-0619

DANISH METEOROLOGICAL INSTITUTE

AFCHL 67-0489

DARTMOUTH COLLEGE

AFOSR 68-1726 AFOSR 68-1728

DARTMOUTH COLLEGE

AFCHL 68-0125 AFOSR 67-1023 AFOSR 67-1704 AFOSH 67-2222 AFOSH 68-0150 AFOSR 68-0472 AFOSH 68-2324
AFOSR 68-2125 AFOSR 68-2156 AHL 67-0142U

DAYTON ELECTRONIC PRODUCTS INC

AFCHL 67-0200

DEFENSE RESEARCH CORP

AFOSR 68-0742

DEFENSE RESEARCH CORPORATION

AFOSR 67-1936

DELAWARE UNIVERSITY OF

AFOSR 68-1958

DENVER UNIVERSITY OF

AFOSR 68-1677

DEPARTMENT OF PHYSICS

AFOSR 67-1144

DEUTSCHER WEITENOIENST

AFCHL 67-0093

DICKEY CLYDE &

AFCHL 68-0650

DOUGLAS AIRCRAFT CO INC

DRA 67-0074

DR. SHIM-E PAI

AHL 68-0061U AHL 68-0062U AHL 68-1025H AHL 68-1026H AHL 68-1027H AHL 68-1028H AHL 68-1029H
ARL 68-1030H AHL 68-1031H AHL 68-1032H AHL 68-1033H AHL 68-1034H AHL 68-1035H AHL 68-1036H
ARL 68-1037H AHL 68-1038H AHL 68-1039H

DUKE UNIVERSITY

AFOSR 67-0013 AFOSR 67-0014 AFOSH 67-0018 AFOSH 67-0068 AFOSR 67-0076 AFOSR 67-0148 AFOSH 67-0382
AFOSR 67-0385 AFOSH 67-0749 AFOSR 67-0802 AFOSR 67-0810 AFOSR 67-124A AFOSH 67-1247 AFOSR 67-1322
AFOSR 67-1378 AFOSH 67-1470 AFOSH 67-2242 AFOSH 67-260A AFOSR 68-0163 AFOSR 68-0505 AFOSR 68-1138
AFOSR 68-1245 AFOSR 68-1528 AFOSR 68-1729 AFOSH 68-1821 AFOSH 68-1840 AFOSH 68-2236 AFOSH 68-2244
AFOSR 68-2650

DUPONT E I DE NEHEURS AND CO

AFCHL 67-0091

DUNHAM UNIVERSITY

AFOSH 67-0261 AFOSR 67-0262 AFOSR 67-2856

F G AND G INC

AFCHL 67-0031 AFCHL 67-0279

EAGLE-PICHER CO

424

AFOSH 68-1723 AFOSR 68-2488 AFOSR 68-2559 AFOSR 68-2560 AFOSR 68-2661

FORDHAM UNIVERSITY
AFOSH 68-0884

FORSVARETS FORSKNING SINSTITUTT
AFCL 67-0396 AFCL 67-0359

FRANK J SEILER RESEARCH LAB
SRL 67-0007 SRL 68-0301 SRL 68-0002 SRL 68-0003 SRL 68-0006 SRL 68-0016 SRL 68-0017

FRANK J SEILER RESEARCH LABORATORY
SRL 67-0003 SRL 67-0004 SRL 67-0005 SRL 67-0006

FRANKLIN INST RESEARCH LABS
AFOSR 67-2175

FRANKLIN INSTITUTE
AFCL 67-0219 AFOSH 67-1215 AFOSR 68-0595

FRANKLIN INSTITUTE RESEARCH LABORATORIES
ARL 67-1151M ARL 67-1152M

FRIENDS MEDICAL & SCIENTIFIC PSCH INST
AFOSR 68-1672

FULMER RESEARCH INSTITUTE
AFOSR 67-1985

FULMER RESEARCH INSTITUTE LTD
AFOSH 67-0864 AFOSH 67-1984 AFOSR 67-1993 AFOSR 67-2638 AFOSR 68-1795

GCA CORP
AFCL 67-0335

GCA CORPORATION
AFCL 67-0198 AFCL 67-0444 AFCL 68-0198 AFCL 68-0420

GENERAL APPLIED SCIENCE LABORATORIES INC
AFOSR 67-2000 AFOSR 68-0467

GENERAL DYNAMIC CORPORATION
AFOSH 67-2069

GENERAL DYNAMICS
AFOSR 67-1522 AFOSR 67-1898 ARL 67-10648 ARL 68-0112U

GENERAL DYNAMICS CORP
AFCL 67-0042

GENERAL DYNAMICS CORP
AFAL 67-0008 AFAL 67-0134 AFCL 67-0173 AFCL 67-0589 AFCL 68-0003 AFCL 68-0384 AFOSH 67-1318
AFOSR 67-2052 AFOSR 67-2784 AFOSR 67-2431 AFOSH 68-0738 AFOSR 68-0846 AFOSH 68-1583 AFOSR 68-2428

GENERAL DYNAMICS CORPORATION
AFOSR 67-0894 AFOSH 67-0909 AFOSH 67-2011 AFOSH 67-2068 AFOSR 67-2076 AFOSH 67-2089 AFOSR 67-2258
AFOSR 67-2459 AFOSH 67-2593 AFOSR 67-2596 AFOSR 67-2864 AHL 67-0151U

GENERAL DYNAMICS ELECTRONICS DIVISION
AFCL 67-0194

GENERAL DYNAMICS/CUNVAIR
ARL 68-10278

GENERAL ELECTRIC CO
AFAL 67-0001 AFAL 67-0147 AFCL 67-0332 AFCL 68-0037 AFCL 68-0048 AFOSH 68-0342 AFOSH 68-1784

AFOSR 66-2176 AFOSM 66-2177 AFOSR 66-2178 AFOSR 66-2179 AFOSR 66-2180 AFOSR 66-2306 AFOSM 66-2553

GENERAL ELECTRIC CO.
ARL 67-0209W

GENERAL ELECTRIC COMPANY
AFATL 67-0119 AFCL 67-0046 AFCL 67-0427 AFCL 67-0473 AFCL 67-0474 AFCL 67-0585 AFCL 68-0038
AFCL 68-0056 AFCL 68-0226 AFCL 68-0294 AFCL 68-0414 AFCL 68-0468 AFOSR 67-0805 AFOSR 67-0910
AFOSR 67-2006 AFOSR 67-2364 AFOSR 67-2491 AFOSM 67-2549 AFOSR 68-0456 AFOSR 68-1211 AFOSR 68-1608
ARL 68-0067U

GENERAL ELECTRIC RESEARCH & DEVELOPMENT CENTER
ARL 67-10908

GENERAL ELECTRIC RESEARCH & DEVELOPMENT CENTER
ARL 67-0139W

GENERAL ELECTRIC RESEARCH AND DEVELOPMENT CENTER
AFCL 67-0107

GENERAL PERCISION SYSTEMS INC
AFOSR 68-0875

GENERAL PHYSICS RESEARCH LABORATORY
ARL 68-0036V

GENERAL PRECISION INC
AFOSM 67-0123 AFOSM 67-1313 AFOSR 68-0912

GENOVA UNIVERSITA DEGLI STUDI DI
AFOSM 68-2365

GEO-SCIENCE INC
AFCL 67-0028 AFCL 67-0106

GEOPHYSICAL AND POLAR RESEARCH CENTER
AFOSR 68-1508

GEORGE WASHINGTON UNIVERSITY
AFOSR 67-0874 AFOSM 67-0908 AFOSR 67-1205 AFOSR 67-1250 AFOSR 67-1973 AFOSR 68-1375 AFOSR 68-1427
AFOSM 68-2239 AFOSM 68-2277 AFOSR 68-2578 AFOSM 68-2793

GEORGETOWN UNIVERSITY
AFOSM 67-2301 AFOSR 67-2302 AFOSR 67-2657 AFOSR 68-0012 AFOSR 68-2737 AFOSR 68-2807

GEORGIA INSTITUTE OF TECHNOLOGY
AFCL 68-0109

GEORGIA INSTITUTE TECH
AFOSM 68-2076

GEORGIA TECH RESEARCH INSTITUTE
AFOSM 68-2628 AFOSM 68-2682

GEORGIA UNIVERSITY OF
AFOSM 68-2867 AFOSM 68-2868 AFOSM 68-2873 AFOSR 68-2874

GEOTECHNICAL CORP
AFOSR 68-1444

GIANNINI CONTROLS CORP
AFOSR 68-0241

GIANNINI CONTROLS CORPORATION
AFOSR 67-0137 AFOSR 67-0657 AFOSM 68-0347

GIANNINI SCIENTIFIC CORPORATION

AFOSR 68-0004

GLASGOW UNIVERSITY
AFOSR 67-0662

GOODYEAR AEROSPACE CORP
AFCRL 68-0123 AFCRL 68-0622 AMRL 67-0171

GOODYEAR AEROSPACE CORPORATION
AFCRL 68-0626

GOTEBORGS UNIVERSITET
AFOSH 67-0846 AFOSR 67-0865 AFOSR 67-08A6 AFOSR 67-0967 AFOSR 67-0868 AFOSR 67-0869 AFOSR 67-0870
AFOSR 67-2274 AFOSR 67-2275 AFOSR 68-0526 AFOSR 68-0602 AFOSR 68-0603 AFOSR 68-0604 AFOSR 68-0605

GOTEBORGS UNIVERSITY OF
AFOSR 68-2710 AFOSR 68-2711 AFOSH 68-2712

GOTESBORGS UNIVERSITET
AFOSR 67-1690

GRADUATE RESEARCH CENTER OF THE SOUTHWEST
AFOSR 67-0857

GRADUATE RSCH CENTER OF THE SOUTHWEST
AFCRL 68-0118 AFOSR 68-7685

GRAPHIX INCORPORATED
AFOSR 67-0702 AFOSR 67-0703

GREYRAD CORPORATION
ARL 67-12368

GRUMMAN AIRCRAFT ENGINEERING CORP
AFOSR 67-1340 AFOSH 67-1675 AFOSR 68-1030 AFOSH 68-1537

GRUMMAN AIRCRAFT ENGINEERING CORPORATION
AFOSR 67-035A AFOSR 67-1257 AFOSR 67-1272 AFOSR 67-1317 AFOSR 67-1377 ARL 67-0236U ARL 68-1191B

GULF GENERAL ATOMIC INC
AFOSR 68-1757 AFOSR 68-1941

GULF/GENERAL ATOMIC INC
AFOSR 69-2100 AFOSR 68-2219 AFOSR 68-2220 AFOSR 68-2223 AFOSH 68-2581

GUSTAVUS ADOLPHUS COLLEGE
AFOSH 67-2008

HATG KAFAFIAN ASSOCIATES
AFCRL 67-0467

HAMLINE UNIVERSITY
AFOSR 67-1194 AFOSR 67-2394 AFOSR 68-1740

HARVARD UNIVERSITY
AFCRL 67-0035 AFCRL 67-0036 AFCRL 67-0037 AFCRL 67-0202 AFCRL 67-0209 AFCRL 67-0216 AFCRL 67-0217
AFCRL 67-0258 AFCRL 67-0260 AFCRL 67-0340 AFCRL 67-0341 AFCRL 67-0346 AFCRL 67-0377 AFCRL 67-0404
AFCRL 67-0806 AFCRL 67-0653 AFCRL 67-0667 AFCRL 68-0049 AFCRL 68-0217 AFCRL 68-0312 AFCRL 68-0316
AFCRL 68-0347 AFCRL 68-0397 AFCRL 68-0476 AFCRL 68-0577 AFCRL 68-0484 AFCRL 68-0514 AFCRL 67-0533
AFOSR 67-0119 AFOSH 67-0121 AFOSR 67-0122 AFOSH 67-0200 AFOSH 67-0361 AFOSR 67-0365 AFOSR 67-0471
AFOSR 67-0474 AFOSR 67-0674 AFOSR 67-1145 AFOSH 67-1176 AFOSR 67-1372 AFOSR 67-1380 AFOSR 67-1381
AFOSR 67-1408 AFOSR 67-1450 AFOSR 67-1718 AFOSH 67-1863 AFOSR 67-1864 AFOSR 67-1960 AFOSR 67-2057
AFOSR 67-2206 AFOSR 67-2414 AFOSH 67-2421 AFOSH 67-2501 AFOSR 67-2521 AFOSR 67-2525 AFOSR 67-2605
AFOSR 68-0133 AFOSH 68-0134 AFOSH 67-2421 AFOSH 68-0136 AFOSR 68-0137 AFOSR 67-2525 AFOSR 67-2657
AFOSR 68-0140 AFOSR 68-0141 AFOSH 68-0135 AFOSH 68-0136 AFOSR 68-0450 AFOSH 68-0470 AFOSR 68-0139
AFOSR 68-0752 AFOSH 68-0757 AFOSR 68-0864 AFOSR 68-0870 AFOSR 68-0940 AFOSR 68-0946 AFOSR 68-0703
AFOSR 68-1264 AFOSH 68-1273 AFOSR 68-1329 AFOSR 68-1414 AFOSR 68-1437 AFOSR 68-1487 AFOSR 68-1516
AFOSR 68-1519 AFOSR 68-1964 AFOSR 68-1972 AFOSR 68-2212 AFOSR 68-2214 AFOSR 68-2221 AFOSR 68-2266
AFOSR 68-2287 AFOSR 68-2301 AFOSR 68-2302 AFOSH 68-2303 AFOSR 68-2528 AFOSR 68-2537 AFOSR 68-2540
AFOSR 68-2543 AFOSH 68-2544 AFOSR 68-2552 AFOSR 68-2706 AFOSR 68-2724 AFOSR 68-2835

HEBREW UNIVERSITY

AFCL 67-0278	AFCL 68-0236	AFOSR 67-0567	AFOSR 67-0704	AFOSR 67-1067	AFOSR 67-1167	AFOSR 67-1321
AFOSR 68-0230	AFOSR 68-0248	AFOSR 68-0246	AFOSR 68-0247	AFOSR 68-0248	AFOSR 68-0295	AFOSR 68-0352
AFOSR 68-0489	AFOSR 68-1381	AFOSR 68-1415	AFOSR 68-2171			

HERNER AND CO

AFOSR 68-0289

HERNER AND COMPANY

AFOSR 67-1998	AFOSR 67-2003	AFOSR 67-2005	AFOSR 67-2019	AFOSR 67-2023	AFOSR 67-2248	AFOSR 67-2667
---------------	---------------	---------------	---------------	---------------	---------------	---------------

HEWLETT PACKARD CO

AFCL 68-0122

HEWLETT-PACKARD CO

AFCL 67-0530

HEWLETT-PACKARD COMPANY

AFCL 68-0332	AFCL 68-0447
--------------	--------------

HEWLETT/PACKARD CO

AFCL 67-0296

HONEYWELL INC

AFCL 67-0154	AFCL 67-0457	AFCL 67-0608	AFOSR 68-0035
--------------	--------------	--------------	---------------

HOSPITAL HENRI ROUSSELE

AFOSR 68-0040

HOUSTON STATE PSYCHIATRIC INSTITUTE

AFOSR 67-0679	AFOSR 67-2402	AFOSR 68-2166	AFOSR 68-2167	AFOSR 68-2170
---------------	---------------	---------------	---------------	---------------

HOWARD UNIVERSITY

AFOSR 67-0081	AFOSR 67-0231	AFOSR 67-1873
---------------	---------------	---------------

HQ AFCL CRR

AFCL 67-0080

HQ AFCL CII

AFCL 67-0012	AFCL 67-0021	AFCL 67-0043	AFCL 67-0082	AFCL 67-0099	AFCL 67-0126
--------------	--------------	--------------	--------------	--------------	--------------

HQ AFCL CHM

AFCL 67-0015	AFCL 67-0097	AFCL 67-0113	AFCL 67-0127
--------------	--------------	--------------	--------------

HQ AFCL CRJ

AFCL 67-0074

HQ AFCL CRO

AFCL 67-0003	AFCL 67-0064
--------------	--------------

HQ AFCL CHU

AFCL 67-0020	AFCL 67-0040	AFCL 67-0053	AFCL 67-0109
--------------	--------------	--------------	--------------

HQ AFCL CHW

AFCL 67-0046

HQ AFCL CRD

AFCL 67-0065

HUGHES AIRCRAFT CO

AFAL 67-0221	AFCL 67-0090	AFCL 67-0311	AFCL 67-0632	AFCL 67-0637	AFCL 67-0649	AFCL 67-0680
AFCL 68-0208						

HUGHES AIRCRAFT COMPANY

AFCL 67-0061	AFCL 67-0150	AFCL 67-0168	AFCL 67-0171	AFCL 67-0342	AFCL 68-0119	AFCL 68-0211
AFCL 68-0297	AFCL 68-0366	AFCL 68-0464	AFOSR 67-0620	AFOSR 67-0621	AFOSR 67-0627	

HUGHES RESEARCH LABORATORIES

APCRL 67-0378 AFOSR 66-2012	APCRL 67-0800	AFOSR 67-0450	AFOSR 67-0484	AFOSH 67-0614	AFOSR 67-2477	AFOSR 66-0345
MUGHS RESEARCH LABS						
APCRL 67-0228	APCRL 67-0631	AFOSR 67-0246	AFOSR 66-0659			
MULL UNIVERSITY OF						
AFOSR 66-2137	AFOSR 66-2644					
HYPERSONIC RESEARCH LABORATORY						
ARL 67-00847	ARL 66-00397					
I. B. M. RESEARCH LABORATORIES						
ARL 66-1353M						
JUELAB INCORPORATED						
APCRL 67-0395						
JIT RESEARCH INSTITUTE						
AFOSR 67-0384 AFOSR 66-0941 ARL 67-10748	AFOSR 67-1519 AFOSR 66-1207 ARL 66-0154U	AFOSR 67-1521 AFOSR 66-1208 ARL 66-0173U	AFOSH 67-1896 AFOSR 66-1209 ARL 66-1195B	AFOSR 67-1987 AFOSR 66-1571 ARL 66-1378B	AFOSR 67-1991 AFOSR 66-1923	AFOSR 67-2645 AFOSR 66-2086
ILLINOIS INSTITUTE OF TECHNOLOGY						
AFOSR 66-1369	AFOSR 66-2640	ARL 67-0058U				
ILLINOIS UNIVERSITY OF						
AFOSR 66-2343 AFOSR 66-2826	AFOSR 66-2446 AFOSR 66-2855	AFOSR 66-2644 AFOSH 66-2865	AFOSR 66-2763	AFOSR 66-2800	AFOSR 66-2801	AFOSR 66-2802
IMPERIAL COLLEGE						
AFOSR 67-0472 AFOSR 67-1704	AFOSR 67-1365	AFOSR 67-1599	AFOSR 67-1609	AFOSR 67-1632	AFOSR 67-1642	AFOSR 67-1643
IMPERIAL COLLEGE OF SCIENCE & TECHNOLOGY						
AFOSR 67-1750	AFOSR 67-2793	AFOSR 67-2802				
IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY						
AFOSR 66-0132	ARL 67-0191U	ARL 67-1017J				
INDIANA UNIV RESEARCH FOUNDATION						
AFOSR 66-2803						
INDIANA UNIVERSITY						
AFOSR 67-0269 AFOSR 67-2190 AFOSR 66-2677	AFOSR 67-0637 AFOSR 67-2393 AFOSR 66-2678	AFOSH 67-086J AFOSR 67-2642	AFOSR 67-1154 AFOSR 66-0210	AFOSR 67-1188 AFOSH 66-0766	AFOSH 67-1498 AFOSH 66-0939	AFOSR 67-1561 AFOSH 66-2676
INDIANA UNIVERSITY FOUNDATION						
AFOSR 67-0525	AFOSR 67-0203					
INFORMATION INTERNATIONAL INC						
APCRL 67-0047						
INFORMATION RESEARCH ASSOCIATES INC						
AFOSR 67-1555						
INNSBRUCK UNIVERSITY						
APCRL 67-0358 AFOSR 67-0477 AFOSR 67-2435 AFOSR 66-1323	APCRL 67-0361 AFOSR 67-0992 AFOSR 66-0148 AFOSR 66-1326	APCRL 67-0362 AFOSR 67-1088 AFOSR 66-0224 AFOSR 66-1526	APCRL 67-0494 AFOSH 67-1224 AFOSR 66-0236 AFOSR 66-2830	AFOSR 67-0151 AFOSR 67-2066 AFOSR 66-0740	AFOSR 67-0383 AFOSR 67-2073 AFOSR 66-1187	AFOSH 67-0416 AFOSR 67-2434 AFOSH 66-1307
INST DE INVESTIGACION DE CIENCIAS						
AFOSR 66-2173						
INST NACIONAL DE TECNICA AEROSPACIAL						
AFOSR 67-2530	AFOSR 66-1163	AFOSR 66-1165				
INST OF OCCUPATIONAL HEALTH						

AFOSR 67-0279

INSTITUT FÜR TECHNISCHE PHYSIK

ARL 68-1040N

INSTITUTE FOR ADVANCED STUDY

AFOSR 67-0027	AFOSR 67-0239	AFOSR 67-0266	AFOSR 67-1092	AFOSR 67-1123	AFOSR 67-1418	AFOSR 67-1938
AFOSR 67-2100	AFOSR 67-2209	AFOSR 67-2699	AFOSR 67-2709	AFOSR 68-0186	AFOSR 68-0569	AFOSR 68-0928
AFOSR 68-1013	AFOSR 68-1263	AFOSR 68-1502	AFOSR 68-1503	AFOSR 68-1701	AFOSR 68-1704	AFOSR 68-2090
AFOSR 68-2191	AFOSR 68-2228	AFOSR 68-2279	AFOSR 68-2453	AFOSR 68-2547	AFOSR 68-2648	AFOSR 68-2649

INSTITUTE FOR FORMAL STUDIES

AFOSR 67-2815 AFOSR 68-0365 AFOSR 68-0746

INSTITUTO GEOGRAFICO Y CATASTRAL

AFOSR 67-0308

INSTITUTE OF BROOKLYN POLYTECHNIC

AFOSR 67-2125 AFOSR 68-1368 AFOSR 68-1550 AFOSR 68-1662 AFOSR 68-2631

INSTITUTE OF ENERGY CONVERSION AND ELECTRIC PROPULSION

ARL 68-1018N

INSTITUTE OF OCCUPATIONAL HEALTH

AFOSR 67-2267 AFOSR 67-2268 AFOSR 67-2273 AFOSR 68-1461 AFOSR 68-1470

INSTITUTO CAJAL

AFOSR 67-1331 AFOSR 67-1604

INSTITUTO GEOGRAFICO Y CATASTRAL

AFOSR 67-0558 AFOSR 67-0559 AFOSR 67-2411 AFOSR 67-2750 AFOSR 68-1434 AFOSR 68-1443 AFOSR 68-1447

INSTITUTO GEOGRAFICO Y CATASTRAL

AFOSR 67-0560

INSTITUTO NACIONAL DE TECNICA AERODINAMICA

AFOSR 67-0098 AFOSR 67-0649 AFOSR 67-2681 AFOSR 68-0066

INT-UNIV SEMINAR ON ARM FORCE AND SOC INC

AFOSR 68-2545

INTER-UNIV SEMINAR ON ARM FORCE AND SOC INC

AFOSR 68-2153

INTERNATIONAL BUSINESS MACHINE CORP

AFCHL 68-0594

INTERNATIONAL BUSINESS MACHINES CORP

AFCHL 67-0403	AFCHL 67-0564	AFCHL 67-0571	AFCHL 68-0040	AFCHL 68-0070	AFCHL 68-0175	AFCHL 68-0200
AFCHL 68-0246	AFCHL 68-0371	AFCHL 68-0504	AFOSR 67-2171	AFOSR 68-0674	AFOSR 68-0947	AFOSR 68-1319
AFOSR 68-2443	AFOSR 68-2487					

INTERNATIONAL BUSINESS MACHINES CORPORATION

AFCHL 67-0465 AFOSR 67-0508 AFOSR 67-2698 AFOSR 67-2761 AFOSR 68-0332 AFOSR 68-0555

INTERNATIONAL BUSINESS MACHINES INC

AFOSR 67-0136 AFOSR 68-0643

INTERNATIONAL TELEPHONE AND TELEGRAPH CORP

AFCHL 68-0241

ION PHYSICS CORP

AFCHL 67-0173

IONOSPHERIC INSTITUTE BRISACH

AFCHL 67-0270

IONOSPHERE-INSTITUT BREISACH

AFRL 67-0503

IOWA STATE UNIVERSITY

ARL 67-11044 ARL 66-01790

ISRAEL ACAD OF SCIENCES AND HUMANITIES

AFRL 66-0314

ISRAEL ATOMIC ENERGY COMMISSION

AFRL 67-0134 AFRL 67-0130 AFRL 67-0322

ISRAEL INSTITUTE OF TECHNOLOGY

AFOSM 67-0351 AFOSM 67-0354 AFOSM 67-0433 AFOSM 67-1011 AFOSM 66-2110 ARL 67-01466 ARL 67-1145J

ISTITUTO DI ELETTRONICA DELL UNIVERSITA DI ROMA

AFRL 67-0526 AFRL 66-0023

ISTITUTO DI FISICA TECNICA DELL UNIVERSITA

AFOSM 67-0593 AFOSM 67-0895 AFOSM 67-0597

ISTITUTO DI FISICA TEORICA DELL UNIVERSITA

AFOSM 67-0592

ISTITUTO ELETTROTECNICO NAZIONALE

AFOSM 67-0355

ISTITUTO ELETTRONICO NAZIONALE

AFOSM 67-1656 AFOSM 67-2784 AFOSM 67-2785 AFOSM 67-2786 AFOSM 66-0474

ISTITUTO GEOGRAFICO E CATASTRALE

AFOSM 67-1200 AFOSM 67-2142 AFOSM 67-2156

ISTITUTO UNIVERSITARIO NAVALE

AFRL 67-0187

JOHANNES GUTENBERG UNIVERSITAT

AFRL 66-0186

JOHANNES GUTENBERG/UNIVERSITAT

AFRL 67-0207

JOHN B PIERCE FOUNDATION OF CONNECTICUT

AFOSM 66-0313 AFOSM 66-1651

JOHN CARROLL UNIVERSITY

AFOSM 67-0161 AFOSM 67-0787 AFOSM 67-1368

JOHN MORRISSEY ASSOCIATES INC

AFRL 67-0483 AFRL 66-0319

JOHNS HOPKINS UNIVERSITY

AFOSM 67-0026	AFOSM 67-1007	AFOSM 67-1289	AFOSM 67-1346	AFOSM 67-1607	AFOSM 67-1624	AFOSM 67-1631
AFOSM 67-1649	AFOSM 67-1939	AFOSM 67-2038	AFOSM 67-2127	AFOSM 67-2128	AFOSM 67-2140	AFOSM 67-2202
AFOSM 67-2374	AFOSM 67-2335	AFOSM 67-2340	AFOSM 67-2755	AFOSM 66-0142	AFOSM 66-0350	AFOSM 66-0445
AFOSM 66-0734	AFOSM 66-1026	AFOSM 66-1102	AFOSM 66-1118	AFOSM 66-1338	AFOSM 66-1428	AFOSM 66-1541
AFOSM 66-1639	AFOSM 66-1987	AFOSM 66-1997	AFOSM 66-2039	AFOSM 66-2114	AFOSM 66-2247	AFOSM 66-2504
AFOSM 66-2563	AFOSM 66-2564	AFOSM 66-2572	AFOSM 66-2651	AFOSM 66-2771	AFOSM 66-2774	AFOSM 66-2779
AFOSM 66-2780						

JOHNSTON LABORATORIES INC

ARL 67-01140

KAMAN AIRCRAFT CORP

AFRL 67-0394

KAMAN AVIDYNE

AFRL 66-0606

KANSAS STATE UNIVERSITY
 AFCL 68-0007 AFCL 68-0008 AFOSM 67-1004 AFOSR 67-1004 AFOSR 67-1027 AFOSR 67-1029 AFOSR 67-1065
 AFOSM 67-2022 AFOSR 68-0508 AFOSR 68-0726 AFOSR 68-2096 AFOSR 68-2407 AFOSR 68-2417

KAROLINSKA INSTITUTE
 AFOSR 67-0500 AFOSM 67-0501 AFOSR 67-0502 AFOSM 67-0644 AFOSM 67-0902 AFOSR 67-0903 AFOSR 67-0908
 AFOSR 67-0913 AFOSM 67-2602 AFOSR 62-0696 AFOSR 68-0897 AFOSR 68-0698 AFOSR 68-0700 AFOSR 68-1738

KAROLINSKA INSTITUTET
 AFOSR 67-0112 AFOSR 68-0192 AFOSR 68-0311 AFOSR 68-0310 AFOSR 68-0867 AFOSR 68-0872 AFOSR 68-0999
 AFOSR 68-2727 AFOSR 68-2728 AFOSR 68-2729 AFOSR 68-2769

KAYSAN CORP
 AFCL 68-0067

KEIO UNIVERSITY
 AFOSR 67-0177 AFOSR 67-2604 AFOSM 68-0907 AFOSR 68-2707

KENT STATE UNIVERSITY
 AFOSR 67-0972 AFOSR 67-0973 AFOSM 67-0974

KIEL UNIVERSITAT
 AFNL 68-0044

KINGS COLLEGE
 AFOSR 67-2124 AFOSR 68-1679 AFOSM 68-1702 ARL 67-1324 ARL 67-1327 ARL 67-1328 ARL 67-1329
 ARL 67-1330 ARL 67-1331 ARL 67-1332 ARL 67-1333

KIRUNA GEOPHYSICAL OBSERVATORY
 AFCL 67-0175 AFCL 67-0416 AFCL 68-0259 AFCL 68-0365

KUMAMOTO UNIVERSITY
 AFOSR 67-2381 AFOSR 67-2382 AFOSR 67-2383 AFOSM 67-2384 AFOSR 67-2385

KUMAMOTO UNIVERSITY MEDICAL SCHOOL
 AFOSR 67-2623 AFOSM 67-2626

LAB DE FISICA COSMICA
 AFOSM 67-0794 AFOSR 67-0795

LABORATOIRE DE PHYSIOLOGIE ACoustIQUE
 AFOSR 67-2074

LABORATOIRE DE PHYSIQUE
 AFCL 67-0337

LABORATOIRE DE SPECTROSCOPIE MOLECULAIRE
 AFCL 67-0321

LABORATOIRE DE PHYSIQUE DES SOLIDES
 AFCL 68-0217

LABORATORY FOR ELECTRONIC INC
 AFCL 67-0204

LABORATORY FOR ELECTRONICS INC
 AFCL 67-0205 AFCL 68-0407 AFCL 68-0531

LAMONT GEOLOGICAL OBSERVATORY
 AFOSM 67-2445

LAMONT GEOLOGICAL OBSERVATORY OF COLUMBIA UNIVERSITY
 AFOSM 67-2707

LAVAL UNIVERSITY
 AFOSM 67-0499 AFOSM 67-0901 AFOSM 67-0906 AFOSR 67-1705

LEHIGH UNIVERSITY

AFOSR 67-1678 AFOSR 68-1510	AFOSR 67-2365 AFOSR 68-1974	AFOSR 68-0495	AFOSR 68-0111	AFOSR 68-1116	AFOSR 68-1337	AFOSR 68-1809
--------------------------------	--------------------------------	---------------	---------------	---------------	---------------	---------------

LEXINGTON LABORATORIES INC
RADC 67-0576

LITTLE ARTHUR D INC
AFOSR 68-2152

LITTON SYSTEMS INC
AFAL 67-0083
AFOSR 67-0979

AFOSR 67-0030	AFOSR 67-0687	AFOSR 68-0086	AFOSR 68-0101	AFOSR 68-0450	AFOSR 67-0977
---------------	---------------	---------------	---------------	---------------	---------------

LITTON SYSTEMS INDUSTRIES
AFOSR 68-0223

LOCKHEED AIRCRAFT CORP
AFOSR 67-1484

AFOSR 68-0473	AFOSR 68-0631	AFOSR 67-0294
---------------	---------------	---------------

LOCKHEED AIRCRAFT CORPORATION
ARL 68-0244W
ARL 68-1410B
ARL 68-1423M

ARL 68-0247W	ARL 68-1403B	ARL 68-1405B	ARL 68-1406B	ARL 68-1407B	ARL 68-1409B
ARL 68-1411M	ARL 68-1413B	ARL 68-1419B	ARL 68-1420B	ARL 68-1421B	ARL 68-1422M

LOCKHEED MISSILES AND SPACE CO
AFOSR 67-0382

AFOSR 67-0405

LOCKHEED MISSILES AND SPACE COMPANY
AFOSR 67-0307

LOUISIANA STATE UNIVERSITY
AFOSR 67-2314

AFOSR 67-2386

LOUISIANA STATE UNIVERSITY OF
AFOSR 68-2441

AFOSR 68-2784

LOUVAIN UNIVERSITY OF
AFOSR 68-2634

LOWELL TECHNOLOGICAL INSTITUTE
AFOSR 67-0259

AFOSR 68-0106	AFOSR 68-0177
---------------	---------------

LOWELL TECHNOLOGICAL INSTITUTE RESEARCH FOUNDATION
AFOSR 67-0114

AFOSR 67-0170	AFOSR 67-0188
---------------	---------------

LUND UNIVERSITY
AFOSR 67-1284

AFOSR 67-1285	AFOSR 68-1015	AFOSR 68-1016	AFOSR 68-1648	AFOSR 68-1649
---------------	---------------	---------------	---------------	---------------

LUND UNIVERSITY OF
AFOSR 68-2795

M A BIUT
AFOSR 68-0098

AFOSR 68-0103	AFOSR 68-0458
---------------	---------------

MANLABS INC
AFOSR 67-0081

AFOSR 67-0290	AFOSR 68-0091	AFOSR 68-0109
---------------	---------------	---------------

MANOUEITE UNIVERSITY
ARL 67-0249W
ARL 67-1149B
ARL 68-1150M

ARL 67-0250W	ARL 67-1140J	ARL 67-1141J	ARL 67-1143J	ARL 67-1144J	ARL 67-1145M
ARL 67-1150M	ARL 68-0065U	ARL 68-1142W	ARL 68-1146J	ARL 68-1147J	ARL 68-1148J

MARTIN CO
AFOSR 68-0371

MARTIN CO
AFOSR 67-0341

AFOSR 68-1572

MARTIN COMPANY

APRL 67-0290

MARTIN MARIETTA CORP

AFOSH 68-P840

MARTIN MARIETTA CORPORATION

APCRL 67-0488 APCRL 67-0439 AFOSH 67-1894 AFOSH 67-2044

MARYLAND UNIVERSITY OF

AFOSH 68-2609 AFOSH 68-2759 AFOSH 68-2785 AFOSH 68-2858 AFOSH 68-2860 AFOSH 68-2866

MASSACHUSETTS GENERAL HOSPITAL

APCRL 67-0145 AFOSH 67-2112 AFOSH 67-2139 AFOSH 67-2140

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

APCRL 67-0104 APCRL 67-0190 APCRL 67-0253 APCRL 67-0254 APCRL 67-0255 APCRL 67-0256 APCRL 67-0263
APCRL 67-0543 APCRL 67-0600 APCRL 67-0649 APCRL 67-0660 APCRL 67-0661 APCRL 67-0662 APCRL 67-0663
APCRL 67-0664 APCRL 67-0661 APCRL 68-0261 APCRL 68-0264 APCRL 68-0410 APCRL 68-0561 AFOSH 67-0049
AFOSH 67-0111 AFOSH 67-0116 AFOSH 67-0155 AFOSH 67-0171 AFOSH 67-0178 AFOSH 67-0201 AFOSH 67-0203
AFOSH 67-0212 AFOSH 67-0214 AFOSH 67-0215 AFOSH 67-0223 AFOSH 67-0263 AFOSH 67-0307 AFOSH 67-0353
AFOSH 67-0372 AFOSH 67-0402 AFOSH 67-0570 AFOSH 67-0583 AFOSH 67-0650 AFOSH 67-0669 AFOSH 67-0693
AFOSH 67-0699 AFOSH 67-0796 AFOSH 67-0882 AFOSH 67-0953 AFOSH 67-0954 AFOSH 67-0955 AFOSH 67-0956
AFOSH 67-0957 AFOSH 67-0958 AFOSH 67-0959 AFOSH 67-0960 AFOSH 67-0961 AFOSH 67-0962 AFOSH 67-0963
AFOSH 67-0964 AFOSH 67-0965 AFOSH 67-0966 AFOSH 67-0967 AFOSH 67-0968 AFOSH 67-0969 AFOSH 67-0970
AFOSH 67-1136 AFOSH 67-1162 AFOSH 67-1166 AFOSH 67-1166 AFOSH 67-1166 AFOSH 67-1166 AFOSH 67-1166
AFOSH 67-1343 AFOSH 67-1362 AFOSH 67-1395 AFOSH 67-1397 AFOSH 67-1411 AFOSH 67-1423 AFOSH 67-1427
AFOSH 67-1428 AFOSH 67-1429 AFOSH 67-1431 AFOSH 67-1432 AFOSH 67-1433 AFOSH 67-1434 AFOSH 67-1435
AFOSH 67-1446 AFOSH 67-1460 AFOSH 67-1488 AFOSH 67-1488 AFOSH 67-1488 AFOSH 67-1488 AFOSH 67-1488
AFOSH 67-1658 AFOSH 67-1674 AFOSH 67-1677 AFOSH 67-1681 AFOSH 67-1688 AFOSH 67-1729 AFOSH 67-1741
AFOSH 67-1841 AFOSH 67-1869 AFOSH 67-1864 AFOSH 67-1899 AFOSH 67-1900 AFOSH 67-1910 AFOSH 67-1940
AFOSH 67-1945 AFOSH 67-1946 AFOSH 67-1959 AFOSH 67-2071 AFOSH 67-2092 AFOSH 67-2118 AFOSH 67-2119
AFOSH 67-2121 AFOSH 67-2157 AFOSH 67-2177 AFOSH 67-2250 AFOSH 67-2261 AFOSH 67-2330 AFOSH 67-2331
AFOSH 67-2361 AFOSH 67-2370 AFOSH 67-2371 AFOSH 67-2372 AFOSH 67-2374 AFOSH 67-2417 AFOSH 67-2424
AFOSH 67-2454 AFOSH 67-2491 AFOSH 67-2507 AFOSH 67-2508 AFOSH 67-2589 AFOSH 67-2678 AFOSH 67-2679
AFOSH 67-2680 AFOSH 67-2727 AFOSH 67-2740 AFOSH 67-2747 AFOSH 67-2781 AFOSH 68-0001 AFOSH 68-0014
AFOSH 68-0021 AFOSH 68-0022 AFOSH 68-0157 AFOSH 68-0177 AFOSH 68-0178 AFOSH 68-0179 AFOSH 68-0184
AFOSH 68-0185 AFOSH 68-0186 AFOSH 68-0242 AFOSH 68-0302 AFOSH 68-0312 AFOSH 68-0319 AFOSH 68-0322
AFOSH 68-0334 AFOSH 68-0349 AFOSH 68-0376 AFOSH 68-0384 AFOSH 68-0389 AFOSH 68-0422 AFOSH 68-0462
AFOSH 68-0464 AFOSH 68-0512 AFOSH 68-0548 AFOSH 68-0549 AFOSH 68-0559 AFOSH 68-0563 AFOSH 68-0570
AFOSH 68-0574 AFOSH 68-0589 AFOSH 68-0600 AFOSH 68-0601 AFOSH 68-0610 AFOSH 68-0630 AFOSH 68-0660
AFOSH 68-0622 AFOSH 68-0682 AFOSH 68-0683 AFOSH 68-0685 AFOSH 68-0685 AFOSH 68-0685 AFOSH 68-0685
AFOSH 68-1053 AFOSH 68-1090 AFOSH 68-1091 AFOSH 68-1091 AFOSH 68-1091 AFOSH 68-1091 AFOSH 68-1091
AFOSH 68-1366 AFOSH 68-1368 AFOSH 68-1368 AFOSH 68-1368 AFOSH 68-1368 AFOSH 68-1368 AFOSH 68-1368
AFOSH 68-1462 AFOSH 68-1469 AFOSH 68-1473 AFOSH 68-1473 AFOSH 68-1473 AFOSH 68-1473 AFOSH 68-1473
AFOSH 68-1565 AFOSH 68-1585 AFOSH 68-1776 AFOSH 68-1802 AFOSH 68-1820 AFOSH 68-1860 AFOSH 68-1860
AFOSH 68-1883 AFOSH 68-1884 AFOSH 68-1911 AFOSH 68-1996 AFOSH 68-2024 AFOSH 68-2067 AFOSH 68-2081
AFOSH 68-2098 AFOSH 68-2245 AFOSH 68-2465 AFOSH 68-2486 AFOSH 68-2487 AFOSH 68-2491 AFOSH 68-2524
AFOSH 68-2627 AFOSH 68-2743 AFOSH 68-2743 AFOSH 68-2803 AFOSH 68-2821 AFOSH 68-2821 AFOSH 68-2821
ARL 67-1230J ARL 68-0115U ARL 68-0260W ARL 68-0269W ARL 68-1077H ARL 67-0281U ARL 67-0283U

MASSACHUSETTS INSTITUTE OF TECHNOLOGY NML

AFOSH 67-0522

MASSACHUSETTS UNIVERSITY OF

AFOSH 68-2675 AFOSH 68-2809

MAST DEVELOPMENT COMPANY

APCRL 68-0409

MATERIALS RESEARCH CORP

APCRL 68-0004

MATERIALS RESEARCH CORPORATION

APCRL 67-0273

MAX PLANCK INST VERHALTENSPHYSIOLOGIE

AFOSH 68-2160

MAX PLANCK INSTITUT FUR BIOLOGIE

AFOSH 67-2262

MAX PLANCK INSTITUTE

ARL 68-1304H ARL 68-1305H ARL 68-1442H

MAX PLANCK INSTITUTE FOR BEHAVIOR

AFOSH 67-0871

MAX-PLANCK GESELLSCHAFT

ARL 68-1287H

MAX-PLANCK INSTITUTE
AFOSR 67-0499

MCGILL UNIVERSITY
AFCRL 67-0199 AFCRL 67-0344 AFCRL 67-0657 AFCRL 68-0105 AFCRL 68-0163 AFCRL 68-0194 AFCRL 68-0224
AFCRL 68-0308 AFCRL 68-0407 AFCRL 68-0426 AFOSR 67-0689 ARL 67-1294H

MCMASTER UNIVERSITY
AFOSR 67-0322 AFOSR 67-0543 AFOSR 67-0544 AFOSR 67-0545 AFOSR 67-0546 AFOSR 67-1099 AFOSR 67-1270
AFOSR 67-1388 AFOSR 67-1715 AFOSR 67-1745 AFOSR 67-1786 AFOSR 67-1787 AFOSR 67-2478 AFOSR 67-2833
AFOSR 67-2650 AFOSR 68-0175 AFOSR 68-1148 AFOSR 68-1612

MELLON INSTITUTE OF RESEARCH
AFOSR 68-1103

MELLON INSTITUTE
AFOSR 67-0012 AFOSR 67-0045 AFOSR 67-0193 AFOSR 67-0194 AFOSR 67-0598 AFOSR 67-0599 AFOSR 67-0600
AFOSR 67-0601 AFOSR 67-0602 AFOSR 67-0603 AFOSR 67-0604 AFOSR 67-0849 AFOSR 67-0875 AFOSR 67-1005
AFOSR 67-1404 AFOSR 67-1415 AFOSR 67-1573 AFOSR 67-1601 AFOSR 67-2154 AFOSR 67-2153 AFOSR 67-2297
AFOSR 67-2429 AFOSR 67-2676 AFOSR 67-2695 AFOSR 68-0019 AFOSR 68-0499 AFOSR 68-0687

MELLON INSTITUTE OF RESEARCH
AFOSR 68-1615 AFOSR 68-1641 AFOSR 68-1710 AFOSR 68-1712 AFOSR 68-1848 AFOSR 68-1951 AFOSR 68-2136
AFOSR 68-2595

NE, PAR INC
AFCRL 67-0413

METALLURGY AND CERAMICS RESEARCH LABORATORY
ARL 68-0057V ARL 68-1148D ARL 68-1151C ARL 68-1152H ARL 68-1153H ARL 68-1154H ARL 68-1155H
ARL 68-1156H ARL 68-1157H ARL 68-1158H ARL 68-1159H ARL 68-1160H ARL 68-1161H ARL 68-1162H
ARL 68-1163H ARL 68-1164H ARL 68-1165H ARL 68-1166H ARL 68-1171A ARL 68-1172A ARL 68-1173A
ARL 68-1174A ARL 68-1175A ARL 68-1176A ARL 68-1177A

MIAMI UNIVERSITY OF
AFOSR 68-2645 AFOSR 68-2670

MICHIGAN STATE UNIVERSITY
AFCRL 67-0429 AFCRL 67-0490 AFCRL 68-0545 AFCRL 68-0562 AFCRL 68-0583 AFOSR 67-0928 AFOSR 67-2480
AFOSR 68-0050 AFOSR 68-0051 AFOSR 68-0217 AFOSR 68-2187 AFOSR 68-2319 AFOSR 68-2603 AFOSR 68-2642

MICHIGAN TECHNOLOGICAL UNIVERSITY
AFOSR 67-0348 AFOSR 67-1066

MICHIGAN UNIVERSITY OF
AFOSR 68-2142 AFOSR 68-2297

MIDWEST RESEARCH INSTITUTE
AFML 67-0134 AFML 67-0203 AFOSR 67-1071 AFOSR 67-2745 AFOSR 68-1874 ARL 67-0006U ARL 67-0200H
ARL 67-1181H

MILAN UNIVERSITY OF
AFOSR 68-2768

MINNESOTA UNIVERSITY OF
AFOSR 68-2061 AFOSR 68-2293 AFOSR 68-2493 AFOSR 68-2705 AFOSR 68-2815 AFOSR 68-2836 AFOSR 68-2837
AFOSR 68-2846 AFOSR 68-2847 AFOSR 68-2864 AFOSR 68-2875 AFOSR 68-2881 AFOSR 68-2895

MIT LINCOLN LABORATORIES
ARL 68-1354H

MITHRAS INC
AFCRL 67-0193

MITSUBISHI ELECTRIC CORPORATION
ARL 67-1309H

MOBIL OIL COMP
AFOSR 68-0440

MODEL OIL COMBINATION

AFOSR 61-0011 AFOSR 67-1724

MOLYBDENUM RESEARCH CORP

AFOSR 67-0913 AFOSR 67-0747

MONSANTO RESEARCH CORP OILION LABORATORY

AFOSR 68-1101

MONSANTO RESEARCH CORP COMBINATION

AFOSR 67-10060 AFOSR 67-10061 AFOSR 67-10062 AFOSR 67-10063 AFOSR 67-10064 AFOSR 67-10065 AFOSR 67-10066 AFOSR 67-10067 AFOSR 67-10068 AFOSR 67-10069 AFOSR 67-10070

MONTANA STATE COLLEGE

AFOSR 68-0420

MOTOROLA INC

AFOSR 67-0100 AFOSR 67-0101 AFOSR 67-0102 AFOSR 67-0103 AFOSR 67-0104 AFOSR 67-0105 AFOSR 67-0106 AFOSR 67-0107 AFOSR 67-0108 AFOSR 67-0109 AFOSR 67-0110

N U S CORP

AFOSR 68-2317 AFOSR 68-2318

NATIONAL ACADEMY OF SCIENCES

AFOSR 67-10061 AFOSR 67-10062 AFOSR 67-10063 AFOSR 67-10064 AFOSR 67-10065 AFOSR 67-10066 AFOSR 67-10067 AFOSR 67-10068 AFOSR 67-10069 AFOSR 67-10070

NATIONAL BUREAU OF STANDARDS

AFOSR 67-2011

NATIONAL BUREAU OF STANDARDS

AFOSR 67-0555 AFOSR 67-0556 AFOSR 67-0557 AFOSR 67-0558 AFOSR 67-0559 AFOSR 67-0560 AFOSR 67-0561 AFOSR 67-0562 AFOSR 67-0563 AFOSR 67-0564 AFOSR 67-0565 AFOSR 67-0566 AFOSR 67-0567 AFOSR 67-0568 AFOSR 67-0569 AFOSR 67-0570

NATIONAL BUREAU OF STANDARDS

AFOSR 68-1262

NATIONAL OBSERVATORY OF ATHENS

AFOSR 67-2100 AFOSR 67-2101 AFOSR 67-2102 AFOSR 67-2103 AFOSR 67-2104 AFOSR 67-2105 AFOSR 67-2106 AFOSR 67-2107 AFOSR 67-2108 AFOSR 67-2109 AFOSR 67-2110

NATIONAL UNIVERSITY OF ATHENS

AFOSR 68-0401

NAVAL POSTGRADUATE SCHOOL

AFOSR 67-0357 AFOSR 67-0358 AFOSR 67-0359 AFOSR 67-0360 AFOSR 67-0361 AFOSR 67-0362 AFOSR 67-0363 AFOSR 67-0364 AFOSR 67-0365 AFOSR 67-0366 AFOSR 67-0367

NEVADA UNIVERSITY OF

AFOSR 68-2271

NEW ENGLAND INSTITUTE MEDICAL TECH

AFOSR 68-2507 AFOSR 68-2508

NEW MEXICO INSTITUTE MINING AND TECH

AFOSR 68-2200

NEW MEXICO STATE UNIVERSITY

AFOSR 67-0072 AFOSR 67-0073 AFOSR 67-0074 AFOSR 67-0075 AFOSR 67-0076 AFOSR 67-0077 AFOSR 67-0078 AFOSR 67-0079 AFOSR 67-0080 AFOSR 67-0081 AFOSR 67-0082

NEW MEXICO UNIVERSITY OF

AFOSR 68-2300 AFOSR 68-2301 AFOSR 68-2302 AFOSR 68-2303 AFOSR 68-2304 AFOSR 68-2305 AFOSR 68-2306 AFOSR 68-2307 AFOSR 68-2308 AFOSR 68-2309 AFOSR 68-2310

NEW YORK ACADEMY OF SCIENCES

AFOSR 68-2200

NEW YORK RESEARCH GROUP INC

AFOSR 67-0015 AFOSR 67-0016

NEW YORK STATE UNIV RESEARCH FOUNDATION

AFOSR 67-1117 AFOSR 68-0577 AFOSR 68-1735 AFOSR 68-2703

NEW YORK STATE UNIVERSITY

AFOSR 68-0119

NEW YORK STATE UNIVERSITY OF

AFOSR 68-2399

NEW YORK STATE UNIVERSITY RESEARCH FOUNDATION

AFOSR 68-0238

NEW YORK UNIVERSITY

AFOSR 67-0067	AFOSR 67-0073	AFOSR 67-0118	AFOSR 67-0130	AFOSR 67-0333	AFOSR 67-0395	AFOSR 67-0379
AFOSR 67-0408	AFOSR 67-0432	AFOSR 67-0472	AFOSR 67-0488	AFOSR 67-0502	AFOSR 67-0517	AFOSR 67-0519
AFOSR 67-0520	AFOSR 67-0521	AFOSR 67-0531	AFOSR 67-0562	AFOSR 67-0573	AFOSR 67-0592	AFOSR 67-0594
AFOSR 67-0611	AFOSR 67-0614	AFOSR 67-0615	AFOSR 67-0638	AFOSR 67-0671	AFOSR 68-0006	AFOSR 68-0060
AFOSR 68-0084	AFOSR 68-0093	AFOSR 68-0111	AFOSR 68-0117	AFOSR 68-0137	AFOSR 68-0151	AFOSR 68-0485
AFOSR 67-0077	AFOSR 67-0124	AFOSR 67-0248	AFOSR 67-0728	AFOSR 67-0976	AFOSR 67-0987	AFOSR 67-1059
AFOSR 67-1111	AFOSR 67-1238	AFOSR 67-1248	AFOSR 67-1249	AFOSR 67-1398	AFOSR 67-1520	AFOSR 67-1580
AFOSR 67-1625	AFOSR 67-1839	AFOSR 67-1880	AFOSR 67-1882	AFOSR 67-1937	AFOSR 67-2130	AFOSR 67-2168
AFOSR 67-2245	AFOSR 67-2345	AFOSR 67-2686	AFOSR 67-2794	AFOSR 67-2847	AFOSR 67-2848	AFOSR 67-2849
AFOSR 67-2850	AFOSR 67-2851	AFOSR 67-2852	AFOSR 68-0095	AFOSR 68-0153	AFOSR 68-0172	AFOSR 68-0282
AFOSR 68-0298	AFOSR 68-0587	AFOSR 68-0794	AFOSR 68-0871	AFOSR 68-0958	AFOSR 68-0967	AFOSR 68-0970
AFOSR 68-1137	AFOSR 68-1355	AFOSR 68-1356	AFOSR 68-1391	AFOSR 68-1513	AFOSR 68-1851	AFOSR 68-2112
AFOSR 68-2127	AFOSR 68-2128	AFOSR 68-2185	AFOSR 68-2207	AFOSR 68-2275	AFOSR 68-2419	AFOSR 68-2577
AFOSR 68-2833	AFOSR 68-2856	AFOSR 68-2822	ARL 67-0050U	ARL 67-0052U	ARL 67-0098U	ARL 67-0104W
ARL 67-0131W	ARL 67-0148U	ARL 67-0166U	ARL 67-0187U	ARL 67-0238W	ARL 67-0266W	ARL 67-0267W
ARL 67-0276U	ARL 67-1213B	ARL 67-1262B	ARL 67-1283R	ARL 67-1321B	ARL 67-1322B	ARL 68-0007U
ARL 68-0029U	ARL 68-0035W	ARL 68-0043W	ARL 68-0097W	ARL 68-0141U	ARL 68-0160U	ARL 68-0181U
ARL 68-0206U	ARL 68-0213U	ARL 68-0215U	ARL 68-0243W	ARL 68-1115B	ARL 68-1118B	ARL 68-1335H
ARL 68-1416B	ARL 68-1419B	ARL 68-1418B				

NEW YORK UNIVERSITY RESEARCH FOUNDATION

AFOSR 67-1556 AFOSR 67-2553

NIMON UNIVERSITY

AFOSR 68-2606

NORTH AMERICAN AVIATION INC

AFOSR 67-0202	AFOSR 67-0641	AFOSR 67-1113	AFOSR 67-1156	AFOSR 67-1361	AFOSR 67-2176	AFOSR 68-0583
ARL 68-0271W	ARL 68-0310W					

NORTH AMERICAN ROCKWELL CORP

AFOSR 68-0205	AFOSR 67-2048	AFOSR 67-2369	AFOSR 68-0092	AFOSR 68-0155		
---------------	---------------	---------------	---------------	---------------	--	--

NORTH AMERICAN ROCKWELL CORPORATION

AFOSR 67-2420

NORTH CAROLINA STATE COLLEGE

AFOSR 68-0706

NORTH CAROLINA STATE UNIVERSITY

AFOSR 68-0815	AFOSR 68-0816	AFOSR 68-0832	AFOSR 68-0853	AFOSR 68-1042	AFOSR 68-1373	AFOSR 68-1643
AFOSR 68-1760	AFOSR 68-1835	AFOSR 68-1847	AFOSR 68-2186	AFOSR 68-582		

NORTH CAROLINA STATE UNIVERSITY AT RALEIGH

AFOSR 67-0007

NORTH CAROLINA UNIVERSITY OF

AFOSR 68-2194

NORTH DAKOTA STATE UNIVERSITY

AFOSR 67-0935	AFOSR 67-1420	AFOSR 67-1660	AFOSR 67-1722	AFOSR 67-2455	AFOSR 67-2713	AFOSR 68-2349
---------------	---------------	---------------	---------------	---------------	---------------	---------------

NORTH STAR RESEARCH AND DEVELOPMENT INSTITUTE

AFOSR 67-0857

NORTHEASTERN UNIVERSITY

AFOSR 67-0095	AFOSR 67-0197	AFOSR 67-0210	AFOSR 67-0257	AFOSR 67-0336	AFOSR 67-0407	AFOSR 67-0431
AFOSR 67-0512	AFOSR 67-0535	AFOSR 67-0620	AFOSR 67-0685	AFOSR 68-0336	AFOSR 68-0445	AFOSR 68-0512
ARL 68-1085H						

NORTHROP CORP

ARL 67-0035W

NORTHROP CORPORATE LABORATORIES

APCRL 67-0515 APCRL 68-0368

NORTHROP SPACE LABORATORIES

ARL 67-0038W

NORTHWESTERN UNIVERSITY

AFOSR 67-0303	AFOSR 67-0422	AFOSR 67-0406	AFOSR 67-0786	AFOSR 67-0824	AFOSR 67-0825	AFOSR 67-0883
AFOSR 67-1108	AFOSR 67-1131	AFOSR 67-1103	AFOSR 67-1454	AFOSR 67-1679	AFOSR 67-1702	AFOSR 67-1727
AFOSR 67-1908	AFOSR 67-1925	AFOSR 67-2055	AFOSR 67-2123	AFOSR 67-2220	AFOSR 67-2756	AFOSR 67-2790
AFOSR 67-2794	AFOSR 68-0043	AFOSR 68-0044	AFOSR 68-0045	AFOSR 68-0100	AFOSR 68-0361	AFOSR 68-0478
AFOSR 68-0543	AFOSR 68-0551	AFOSR 68-0624	AFOSR 68-0655	AFOSR 68-0753	AFOSR 68-0800	AFOSR 68-1198
AFOSR 68-1210	AFOSR 68-1325	AFOSR 68-1387	AFOSR 68-1396	AFOSR 68-1559	AFOSR 68-1584	AFOSR 68-1807
AFOSR 68-1823	AFOSR 68-1869	AFOSR 68-1872	AFOSR 68-1873	AFOSR 68-1969	AFOSR 68-2226	AFOSR 68-2261
AFOSR 68-2255	AFOSR 68-2289	AFOSR 68-2290	AFOSR 68-2413	AFOSR 68-2425	AFOSR 68-2455	AFOSR 68-2741
ARL 67-0016U	ARL 67-0157U	ARL 67-0216U				

NORWEGIAN DEFENSE RESEARCH ESTABLISHMENT

APCRL 67-0060 APCRL 67-0282 APCRL 67-0285 APCRL 67-0541 APCRL 68-0136 APCRL 68-0534

NORWEGIAN DEFENSE RESEARCH ESTABLISHMENT

APCRL 67-0636 APCRL 68-0136

NOTRE DAME UNIVERSITY OF

AFOSR 68-2482

OBSERVATOIRE DE PARIS

APCRL 67-0094 APCRL 67-0904

OBSERVATORIO SAN CALIXTO

AFOSR 67-2070

OBSERVATORY OF EBRU

APCRL 67-0682

OFFICE OF AEROSPACE RESEARCH

ARL 67-1255C

OFFICE OF RESEARCH ANALYSES

ORA 67-0001	ORA 67-0002	ORA 67-0003	ORA 67-0005	ORA 67-0007	ORA 67-0010	ORA 67-0011
ORA 68-0001	ORA 68-0002	ORA 68-0004	ORA 68-0005	ORA 68-0010		

OHIO STATE UNIV RESEARCH FOUNDATION

APCRL 67-0169	APCRL 67-0385	APCRL 67-0035	AFOSR 67-1207	AFOSR 68-0452	AFOSR 68-0578	AFOSR 68-2886
ARL 68-0004U	ARL 68-0005U	ARL 68-0010U				

OHIO STATE UNIV. RESEARCH FOUNDATION

ARL 68-1108R

OHIO STATE UNIVERSITY

APCRL 67-0329	APCRL 67-0505	APCRL 67-0610	APCRL 67-0626	APCRL 67-0690	APCRL 67-0691	APCRL 68-0126
APCRL 68-0747	AFOSR 67-0029	AFOSR 67-0030	AFOSR 67-0087	AFOSR 67-1400	AFOSR 67-1457	AFOSR 67-1726
AFOSR 67-2298	AFOSR 67-2765	AFOSR 67-2798	AFOSR 68-0507	AFOSR 68-0751	AFOSR 68-0786	AFOSR 68-0866
AFOSR 68-1517	ARL 67-1188N	ARL 67-1306N	ARL 68-1440N			

OHIO STATE UNIVERSITY RESEARCH FOUNDATION

APCRL 67-0044	APCRL 67-0151	APCRL 67-0226	APCRL 67-0237	APCRL 67-0242	APCRL 67-03A1	APCRL 67-0558
APCRL 68-0158	APCRL 68-0163	APCRL 68-0184	APCRL 68-0195	APCRL 68-029R	APCRL 68-03H6	APCRL 67-1096
AFOSR 67-2494	AFOSR 67-2654	AFOSR 68-0081	ARL 67-0113U	ARL 67-0123U	ARL 67-0246W	ARL 67-1182N
ARL 67-1197N	ARL 67-1108N	ARL 67-1214B	ARL 67-1219B	ARL 67-1225L	ARL 67-1227J	ARL 67-1228J
ARL 67-1233N	ARL 68-0025U	ARL 68-0055W	ARL 68-0071U	ARL 68-0072U	ARL 68-0089W	ARL 68-0091W
ARL 68-0116U	ARL 68-0131U	ARL 68-0183U	ARL 68-0197U	ARL 68-0210U	ARL 68-0283W	ARL 68-0290W
ARL 68-0328W	ARL 68-0348N	ARL 68-0349W	ARL 68-1023N	ARL 68-1179N	ARL 68-1329B	ARL 68-1330B
ARL 68-1406B						

OHIO UNIVERSITY

AFOSR 67-046R	AFOSR 67-1132	AFOSR 67-1741	AFOSR 67-1527	AFOSR 67-1760	AFOSR 68-0404	AFOSR 68-0909
AFOSR 68-1114	AFOSR 68-1725	AFOSR 68-2742				

OKLAHOMA STATE UNIVERSITY

AFOSR 67-0706	AFOSR 67-0707	AFOSR 67-0751	AFOSR 67-1768	AFOSR 67-2247		
---------------	---------------	---------------	---------------	---------------	--	--

OKLAHOMA UNIV PHYSICS DEPT

AFOSR 67-

OKLAHOMA UNIV RESEARCH INSTITUTE

AFOSR 67-1245 AFOSR 68-1128

OKLAHOMA UNIVERSITY OF

AFOSR 68-2585

OKLAHOMA UNIVERSITY

AFOSR 67-0508

OPTICS TECHNOLOGY INC

AFOSR 67-1699

OREGON STATE UNIVERSITY

AFOSR 67-0031 AFOSR 67-0074 AFOSR 67-0075 AFOSR 67-0117 AFOSR 67-0267 AFOSR 67-0275 AFOSR 67-0276
AFOSR 67-0277 AFOSR 67-1499 AFOSR 67-1614 AFOSR 67-2010 AFOSR 67-2075 AFOSR 67-2192 AFOSR 68-0711
AFOSR 68-1135 AFOSR 68-1834 AFOSR 68-2069

OREGON UNIVERSITY OF

AFOSR 68-2533 AFOSR 68-2733 AFOSR 68-2734 AFOSR 68-2782 AFOSR 68-2833

OSLO UNIVERSITY

AFOSR 67-0575 AFOSR 67-0576 AFOSR 67-0577

OSSERVATORIO ASTRONOMIC DI ROMA

AFOSR 68-0326

OSSERVATORIO GEOPISICO SPERIMENTALE

AFOSR 67-0492 AFOSR 67-0524 AFOSR 68-0327

OWENS-ILLINOIS TECH CENTER

AFOSR 68-0497

OXFORD UNIVERSITY

AFOSR 67-0069 AFOSR 67-0133 AFOSR 67-0134 AFOSR 67-1099 AFOSR 67-1383 AFOSR 67-1388 AFOSR 68-0606
AFOSR 68-0607 AFOSR 68-0608 AFOSR 68-0663 AFOSR 68-1080 AFOSR 68-2010 AFOSR 68-2268 AFOSR 68-2329
AFOSR 68-2390 AFOSR 68-2574 AFOSR 68-2659

P E C CORP

AFOSR 68-2796

P E C RESEARCH ASSOCIATES INC

AFOSR 67-1887

PANAMETRICS INC

AFOSR 67-0613 AFOSR 68-0194 AFOSR 68-0585

PARKE MATHEMATICAL LABORATORIES

AFOSR 68-0498

PARKE MATHEMATICAL LABORATORIES INC

AFOSR 67-0010 AFOSR 67-0445 AFOSR 67-0459 AFOSR 67-0541 AFOSR 67-0651 AFOSR 67-0652 AFOSR 68-0025

PARKE MATHEMATICAL LABS

AFOSR 68-0019 AFOSR 68-0092

PARKE MATHEMATICAL LABS INC

AFOSR 67-0124 AFOSR 67-0591

PENNSYLVANIA UNIVERSITY OF

AFOSR 68-1991 AFOSR 68-2789 AFOSR 68-2790

PENNSYLVANIA STATE UNIVERSITY

AFOSR 67-0050 AFOSR 67-0087 AFOSR 67-0180 AFOSR 67-0186 AFOSR 67-0328 AFOSR 67-0373 AFOSR 67-0418
AFOSR 67-0425 AFOSR 67-0437 AFOSR 67-0466 AFOSR 67-0551 AFOSR 67-0560 AFOSR 67-0617 AFOSR 68-0067
AFOSR 68-0178 AFOSR 68-0191 AFOSR 67-0444 AFOSR 67-0551 AFOSR 67-0560 AFOSR 67-0617 AFOSR 68-0067
AFOSR 67-1626 AFOSR 67-1719 AFOSR 67-1762 AFOSR 67-1904 AFOSR 67-1933 AFOSR 67-2269 AFOSR 67-2516
AFOSR 67-2837 AFOSR 67-2839 AFOSR 67-2839 AFOSR 68-0109 AFOSR 68-0402 AFOSR 68-0403 AFOSR 68-0641
AFOSR 68-0737 AFOSR 68-0916 AFOSR 68-1563 AFOSR 68-1564 AFOSR 68-1567 AFOSR 68-1602 AFOSR 68-2224
AFOSR 68-2586 AFOSR 68-2656 AFOSR 68-2894 AFOSR 68-2899 AFOSR 68-2900 AFOSR 68-2904 AFOSR 68-2905

AFOSR 66-2906 AFOSR 66-2907 AFOSR 66-2908 AFOSR 66-2909 AFOSR 66-2910

PENNSYLVANIA UNIVERSITY OF
AFOSR 66-2917

PERKIN-ELMER CORP
AFML 67-0287

PERSER LEIF
ARL 66-0133U ARL 66-0134U

PHILCO FORD CORP
AFCL 67-0301 AFCL 67-0002

PHILCO FORD CORP.
ARL 66-1162H

PHILCO-FORD ADVANCED TECHNOLOGY CENTER
AFCL 67-0317

PHILCO-FORD CORPORATION
AFCL 66-0332

PHILIPS LABORATORIES
AFOSR 67-0168 AFOSR 67-0169 AFOSR 67-1755

PHILIPS LABORATORIES INC
AFOSR 67-0456

PHYSICAL RESEARCH LABS
AFOSR 66-0759

PHYSICAL STUDIES INC
AFCL 67-0091 AFCL 67-0240 AFCL 67-0352

PHYSIKALISCH-METEOROLOGISCHES OBSERVATORIUM
AFCL 67-0410

PISA UNIVERSITY OF
AFOSR 66-2687 AFOSR 66-2688 AFOSR 66-2689 AFOSR 66-2690 AFOSR 66-2691 AFOSR 66-2692 AFOSR 66-2700
AFOSR 66-2708 AFOSR 66-2709 AFOSR 66-2714 AFOSR 66-2715 AFOSR 66-2716 AFOSR 66-2717 AFOSR 66-2718
AFOSR 66-2770

PITTSBURGH UNIVERSITY OF
AFOSR 66-2546

PLASMA SCIENCES LABORATORIES INC
ARL 67-0060U

POLITECNICO DI TORINO
AFOSR 66-1734 AFOSR 66-1744 AFOSR 66-1745 AFOSR 66-1746 AFOSR 66-1747 AFOSR 66-1771 AFOSR 66-1772
AFOSR 66-2086 AFOSR 66-2192 AFOSR 66-2282 AFOSR 66-2306

POLYTECHNIC INSTITUTE OF BROOKLYN
AFOSR 67-2067

POLYTECHNIC INSTITUTE OF BROOKLYN
AFCL 67-0609 AFCL 66-0103 AFCL 66-0262 AFCL 66-0348 AFOSR 67-0146 AFOSR 67-0149 AFOSR 67-0232
AFOSR 67-0291 AFOSR 67-0454 AFOSR 67-0463 AFOSR 67-0465 AFOSR 67-0485 AFOSR 67-0667 AFOSR 67-0848
AFOSR 67-0931 AFOSR 67-1011 AFOSR 67-1118 AFOSR 67-1229 AFOSR 67-1399 AFOSR 67-1436 AFOSR 67-1517
AFOSR 67-1734 AFOSR 67-1791 AFOSR 67-1798 AFOSR 67-1800 AFOSR 67-1861 AFOSR 67-1862 AFOSR 67-1918
AFOSR 67-1982 AFOSR 67-1997 AFOSR 67-2057 AFOSR 67-2125 AFOSR 67-2240 AFOSR 67-2244 AFOSR 67-2254
AFOSR 67-2284 AFOSR 67-2366 AFOSR 67-2412 AFOSR 67-2580 AFOSR 67-2582 AFOSR 67-2583 AFOSR 67-2587
AFOSR 66-0669 AFOSR 66-0718 AFOSR 66-0720 AFOSR 66-0727 AFOSR 66-0476 AFOSR 66-0615 AFOSR 66-0633
AFOSR 66-0644 AFOSR 66-0732 AFOSR 66-0745 AFOSR 66-0897 AFOSR 66-0981 AFOSR 66-1040 AFOSR 66-1146
AFOSR 66-1464 AFOSR 66-1493 AFOSR 66-1534 AFOSR 66-1535 AFOSR 66-1773 AFOSR 66-1966 AFOSR 67-0070
RADC 67-0365

POMONA COLLEGE
AFOSR 67-0035 AFOSR 67-1254 AFOSR 67-2751 AFOSR 67-2762 AFOSR 66-2144

PRESTON AND ASSOCIATES INC

AFOSR 68-1623

PRINCETON UNIVERSITY

AFCL 67-0048	AFCL 67-0814	AFCL 67-0503	AFCL 68-0149	AFOSR 67-0233	AFOSH 67-0234	AFOSH 67-0235
AFOSR 67-0236	AFOSR 67-0318	AFOSR 67-0319	AFOSR 67-0325	AFOSR 67-0680	AFOSR 67-0985	AFOSH 67-1030
AFOSR 67-1184	AFOSR 67-1192	AFOSR 67-1193	AFOSR 67-1195	AFOSH 67-1363	AFOSR 67-1475	AFOSH 67-1506
AFOSR 67-1534	AFOSR 67-1535	AFOSR 67-1574	AFOSH 67-1955	AFOSH 67-1962	AFOSH 67-2374	AFOSR 67-2413
AFOSR 67-2416	AFOSR 67-2463	AFOSR 67-2464	AFOSH 67-2465	AFOSR 67-2466	AFOSH 67-2467	AFOSR 67-2468
AFOSR 67-2469	AFOSR 67-2470	AFOSR 67-2471	AFOSH 67-2483	AFOSR 67-2624	AFOSH 67-2625	AFOSR 67-2665
AFOSR 67-2796	AFOSR 67-2797	AFOSR 68-0118	AFOSH 68-0259	AFOSH 68-0270	AFOSR 68-0271	AFOSH 68-0272
AFOSR 68-0273	AFOSR 68-0274	AFOSR 68-0275	AFOSR 68-0276	AFOSR 68-0277	AFOSH 68-0278	AFOSR 68-0306
AFOSR 68-0387	AFOSR 68-0498	AFOSR 68-0527	AFOSR 68-0529	AFOSR 68-0561	AFOSR 68-1067	AFOSR 68-1068
AFOSR 68-1021	AFOSR 68-1032	AFOSH 68-1033	AFOSR 68-1062	AFOSR 68-1064	AFOSR 68-1068	AFOSR 68-1108
AFOSR 68-1227	AFOSR 68-1228	AFOSR 68-1229	AFOSH 68-1261	AFOSH 68-1268	AFOSR 68-1484	AFOSH 68-1490
AFOSR 68-1592	AFOSR 68-1627	AFOSR 68-1720	AFOSH 68-1754	AFOSR 68-1792	AFOSR 68-1801	AFOSR 68-1822
AFOSR 68-1903	AFOSR 68-1926	AFOSR 68-2055	AFOSH 68-2113	AFOSR 68-2124	AFOSR 68-2211	AFOSR 68-2233
AFOSR 68-2234	AFOSR 68-2235	AFOSR 68-2262	AFOSH 68-2261	AFOSR 68-2265	AFOSR 68-2274	AFOSR 68-2381
AFOSR 68-2439	AFOSR 68-2489	AFOSR 68-2490	AFOSR 68-2495	AFOSR 68-2496	AFOSR 68-2497	AFOSR 68-2498
AFOSR 68-2499	AFOSR 68-2500	AFOSR 68-2521	AFOSH 68-2534	AFOSR 68-2624	AFOSR 68-2653	AFOSR 68-2695
AFOSR 68-2696	AFOSR 68-2736	AFOSR 68-2775	ANL 67-0009U	ANL 67-0244W	ANL 68-1003B	ANL 68-1050M
ANL 68-1109B	ANL 68-1110H	ANL 68-1111D	ANL 68-1112B	ANL 68-1113H	ANL 68-1114O	ANL 68-1461M

PRINCETON UNIVERSITY

AFOSH 68-1046

PROVIDENCE COLLEGE

AFCL 67-0462

PURDUE RESEARCH FOUNDATION

AFOSR 67-2551 ARL 68-0272W

PURDUE UNIVERSITY

AFCL 68-0280	AFOSH 67-0302	AFOSR 67-0338	AFOSH 67-0361	AFOSH 67-0364	AFOSH 67-0421	AFOSR 67-0685
AFOSH 67-0713	AFOSR 67-1001	AFOSH 67-1282	AFOSR 67-1792	AFOSH 67-2430	AFOSR 67-2506	AFOSR 67-2651
AFOSR 67-2654	AFOSR 68-0364	AFOSH 68-0366	AFOSR 68-0393	AFOSH 68-0683	AFOSR 68-0685	AFOSR 68-0968
AFOSH 68-1206	AFOSR 68-2787	ANL 67-0232W	ANL 67-0253W	ANL 67-0255W	ANL 67-0256W	ANL 67-0257W
ANL 67-0258W	ANL 67-0259W	ANL 67-0260W	ANL 67-0261W	ANL 67-1219A	ANL 67-1304R	ANL 67-1305R
ANL 68-1059M	ANL 68-1355M	ANL 68-1371M	ANL 68-1454H	ANL 68-1476R		

QUEEN MARY COLLEGE

AFCL 67-0140 AFCL 68-0172 AFCL 68-0645

QUEEN S UNIVERSITY

ANL 68-0291W ANL 68-0292W

QUEEN S UNIVERSITY OF BELFAST

ANL 68-0225W

QUEEN S UNIVERSITY

ANL 68-0293W

QUEEN S UNIVERSITY

AFCL 67-0443 AFCL 67-0678 AFCL 68-0523 AFCL 68-0524 AFCL 68-0525 AFCL 68-0536 AFCL 68-0537

QUEEN S UNIVERSITY OF BELFAST

ANL 67-0243W ANL 68-1445M

RADIATION RESEARCH ASSOCIATES INC

AFCL 68-0124 AFCL 68-0310 AFCL 68-0311 AFCL 68-0474 AFCL 68-0480

RADIO CORP OF AMERICA

AFCL 68-0084	AFCL 68-0516	AFOSR 68-0689	AFOSR 68-0933	AFOSR 68-1297	AFOSR 68-1301	AFOSR 68-1303
AFOSR 68-1327	AFOSH 68-1383	AFOSR 68-1580	ANRL 67-0102	ANRL 67-0103		

RADIO CORPORATION OF AMERICA

AFCL 67-0005 AFCL 67-0006 AFCL 67-0451 AFCL 67-0547 AFCL 67-0565 AFCL 67-0583 AFCL 67-0619

RADIO OBSERVATORY

AFCL 67-0155

RAYTHEON CO

AFCL 68-0234 AFCL 68-0467

RAYTHEON COMPANY

AFCL 67-0084 AFCL 67-0182 AFCL 67-0349 AFCL 68-0170 AFOSR 67-0482 AFOSR 67-0893
 RAYTHEON COMPANY SISO
 AFCL 67-0348
 RAYTHEON SPACE DIVISION
 ARL 68-1136N
 RAYTHEON CO
 AFCL 67-0162
 RCA ELECTRONIC COMPONENTS
 ARL 68-0182U
 RCA VICTOR COMPANY LTD
 ARL 67-0102U
 REED INSTITUTE
 AFOSR 67-2449
 REMSELAER POLYTECHNIC INSTITUTE
 AFOSR 67-1025
 RENSSLAER POLYTECHNIC INSTITUTE
 AFML 67-0018 AFOSR 67-1339 AFOSR 67-1692 AFOSH 67-2706 AFOSR 67-2752 AFOSR 68-0372 AFOSR 68-1380
 AFOSR 68-1418 AFOSR 68-1952 AFOSH 68-2386 AFOSR 68-2786 ARL 68-0124V
 RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK
 ARL 68-0202U
 RESEARCH FOUNDATION OF THE STATE UNIVERSITY OF NEW YORK
 ARL 68-0151U
 RESEARCH TRIANGLE INSTITUTE
 AFCL 67-0069 AFCL 68-0206 AFOSR 67-0758 AFOSR 67-1498 AFOSR 68-1556 AFOSR 68-2638 ARL 67-0013U
 ARL 67-0141U
 RICE UNIVERSITY
 AFCL 67-0267 AFOSH 67-0410 AFOSR 67-0936 AFOSR 67-0937 AFOSH 67-1596 AFOSR 67-1885 AFOSR 67-2280
 AFOSR 67-2499 AFOSH 67-2522 AFOSR 67-2523 AFOSR 67-2578 AFOSR 67-2579 AFOSR 67-2627 AFOSR 67-2840
 AFOSR 68-0486 AFOSR 68-0504 AFOSR 68-0728 AFOSR 68-1150 AFOSR 68-1151 AFOSR 68-2748 AFOSR 68-2772
 AFOSR 68-2852 AFOSH 68-2853
 ROCHESTER UNIVERSITY OF
 AFOSR 68-2482 AFOSH 68-2501 AFOSR 68-2626 AFOSR 68-2773 AFOSR 68-2806 AFOSR 68-2862
 ROCKET POWER INC
 AFOSR 67-0688
 ROCKEYDNE
 ARL 67-0021U ARL 67-0022U ARL 67-0023U ARL 68-0068U
 ROCKFORD RESEARCH INSTITUTE
 AFCL 67-0462
 ROCKFORD RESEARCH INSTITUTE INC
 AFOSH 68-1283
 ROME UNIVERSITY
 AFML 67-0335
 ROME UNIVERSITY OF
 AFOSR 68-2699 AFOSR 68-2730 AFOSR 68-2791
 ROYAL COLLEGE OF SCIENCE AND TECHNOLOGY
 AFOSR 67-1879
 ROYAL INSTITUTE OF TECHNOLOGY

AFCRL 67-0279	AFCRL 68-0076	AFCRL 68-0075	AFCRL 68-0076	AFCRL 68-0171	AFOSH 67-0952	AFOSR 67-1291
AFOSR 67-1292	AFOSR 67-1293	AFOSR 67-1294	AFOSR 67-1306	AFOSR 67-1307	AFOSR 67-1309	AFOSR 67-1310
AFOSR 67-1311	AFOSR 67-1312					

ROYAL INSTITUTE OF TECHNOLOGY /KTH/

AFCRL 67-0286 AFCRL 67-0287

ROYAL OF UPPSALA

AFOSR 68-0118

ROYAL SWEDISH ACADEMY OF SCIENCE

AFCRL 67-0281

ROYAL UNIVERSITY OF UPPSALA

AFOSR 67-1243	AFOSR 67-1244	AFOSH 67-1281	AFOSH 67-1683	AFOSR 67-1691	AFOSR 67-1970	AFOSR 68-0100
AFOSR 68-0801	AFOSH 68-1066	AFOSR 68-1069	AFOSR 68-1079	AFOSR 68-1129	AFOSR 68-1130	AFOSR 68-1186
AFOSR 68-1340						

RUTGERS STATE UNIVERSITY

AFOSR 67-1107 AFOSR 68-0252 AFOSH 68-0053 AFOSR 68-0054

RUTGERS UNIVERSITY

AFOSH 67-0055 AFOSR 67-0057 AFOSR 67-0489 AFOSR 67-1651 AFOSR 67-1781 AFOSH 67-1783 AFOSR 68-1506

RYDBECK RESEARCH ASSOCIATES

AFCRL 67-0579 AFCRL 67-0644 AFCRL 68-0077 AFCRL 68-0313

SAINT LOUIS UNIVERSITY

AFCRL 67-0023 AFCRL 67-0086 AFOSR 67-0301

SAN FERNANDO VALLEY STATE COLLEGE

AFCRL 67-0313

SAN FERNANDO VALLEY STATE COLLEGE FOUNDATION

AFCRL 68-0255

SANDERS ASSOCIATES INC

AFCRL 67-0543 AFCRL 68-0143 AFCRL 68-0220

SANTA RITA TECHNOLOGY INC

AFOSR 67-0717

SCIENCE COMMUNICATION INC

AFOSH 68-1403

SHEFFIELD UNIVERSITY

AFOSR 67-0862 AFOSR 67-0867

SHEFFIELD UNIVERSITY OF

AFOSR 68-1990 AFOSH 68-2776

SHELL DEVELOPMENT COMPANY

AFCRL 67-0308 AFCRL 67-0630

SHUFORD/MASSENGILL CORP

AFOSR 68-2154 AFOSR 68-2155 AFOSR 68-2156 AFOSH 68-2157 AFOSR 68-2158 AFOSR 68-2159 AFOSR 68-2161

SIGNATRON INC

AFCRL 68-0150 AFCRL 68-0430 AFOSR 68-0126

SINGCO INC

AFCRL 68-0082

SMITHSONIAN INSTITUTION

AFOSR 68-1345 AFOSH 68-2148 AFOSH 68-2149

SOC OF PHOTOGRAPHIC SCIENTISTS & ENGINEERS

AFOSR 66-0781 AFOSR 66-0782 AFOSR 66-0783 AFOSR 66-0784

SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS
AFOSR 67-2818

SOCOMY MOBIL OIL CO INC
AFOSR 67-2311

SOLID STATE PHYSICS RESEARCH LABORATORY
ARL 66-0100T ARL 66-0121V ARL 66-1362A

SOREQ NUCLEAR RESEARCH CENTRE
AFCL 66-036J

SOREQ NUCLEAR RESEARCH ESTABLISHMENT
AFML 67-0256

SOUTHERN CALIFORNIA UNIVERSITY OF
AFOSR 66-2345 AFOSR 66-2629 AFOSR 66-2694 AFOSR 66-2722 AFOSR 66-2799 AFOSR 66-2808

SOUTHERN ILLINOIS UNIVERSITY
AFOSR 67-1503 AFOSR 67-1539 AFOSR 67-2427 AFOSR 67-2489 AFOSR 67-2661 AFOSR 66-0929 AFOSR 66-1110

SOUTHERN METHODIST UNIVERSITY
AFOSR 66-2045 AFOSR 66-2048 AFOSR 66-2049 AFOSR 66-2050

SOUTHERN METHODIST UNIVERSITY OF
AFOSR 66-2232

SOUTHWEST CENTER FOR ADVANCED STUDIES
AFCL 67-0026 AFCL 67-0129 AFCL 67-0264 AFCL 67-0265 AFCL 67-0421 AFCL 67-0428 AFCL 67-0450
AFOSR 66-0127 AFOSR 66-0552 AFOSR 66-2264 AFCL 66-0217 AFCL 66-0367 AFOSR 67-1664 AFOSR 66-0126

SOUTHWEST RESEARCH INSTITUTE
AFOSR 67-1022 AFOSR 67-1268 AFOSR 67-1957 AFOSR 66-1162 AFOSR 66-1234 AFOSR 66-1736 AFOSR 66-2820

SPACE DATA CORPORATION
AFCL 66-0132 AFCL 66-0418

SPACE SCIENCES INC
AFCL 67-0493 AFOSR 67-0469 AFOSR 66-0837 AFOSR 66-0945 AFOSR 66-1230

SPACE SCIENCES INCORPORATED
AFCL 67-0214 AFCL 66-0234 AFOSR 67-1930 AFOSR 66-2951

SPANISH SEISMOLOGICAL SURVEY
AFOSR 67-2717

SPEECH COMMUNICATIONS RESEARCH LAB
AFOSR 66-2052

SPEECH COMMUNICATIONS RESEARCH LABORATORY INC
AFOSR 67-2346 AFOSR 67-2620

SPERRY GYROSCOPE CO
AFCL 67-0235 AFCL 66-0279

SPERRY RAND CORP
AFCL 66-0144

SPERRY RAND CORPORATION
AFCL 67-0243

SPERRY RAND RESEARCH CENTER
AFCL 67-0004 AFCL 67-0171 AFCL 67-0111 AFCL 67-0159 AFCL 67-0525 AFCL 66-0033 AFCL 66-0107

APCRL 68-0449	APCRL 68-05	AFOSH 67-0139	AFOSH 67-1785	AFOSH 68-0741	AFOSR 68-1768	AFOSR 68-2818
---------------	-------------	---------------	---------------	---------------	---------------	---------------

STANFORD RESEARCH INSTITUTE

APCRL 67-0013	APCRL 67-0308	APCRL 67-0218	APCRL 67-0370	APCRL 67-0463	APCRL 67-0599	APCRL 67-0587
APCRL 67-0684	APCRL 67-0686	APCRL 68-0002	APCRL 68-0008	APCRL 68-0071	APCRL 68-0083	APCRL 68-0113
APCRL 68-0148	APCRL 68-0155	APCRL 68-0156	APCRL 68-0166	APCRL 68-0192	APCRL 68-0266	APCRL 68-0337
APCRL 68-0442	APCRL 68-0522	APCRL 68-0543	APCRL 68-0586	AFOSR 67-0413	AFOSR 67-0715	AFOSR 67-0811
AFOSR 67-0859	AFOSR 67-0900	AFOSR 67-0908	AFOSH 67-1083	AFOSR 67-1344	AFOSH 67-1778	AFOSR 67-1928
AFOSR 67-2036	AFOSR 67-2450	AFOSH 67-2498	AFOSH 68-0359	AFOSR 68-0494	AFOSH 68-0590	AFOSR 68-0771
AFOSH 68-1268	AFOSR 68-1691					

STANFORD UNIVERSITY

APCRL 67-0025	APCRL 67-0108	APCRL 67-0164	APCRL 67-0312	APCRL 67-0347	APCRL 67-0658	APCRL 67-0896
APCRL 68-0096	APCRL 68-0343	AFOSR 67-0004	AFOSH 67-0010	AFOSR 67-0019	AFOSR 67-0130	AFOSR 67-0183
AFOSR 67-0240	AFOSR 67-0267	AFOSR 67-0420	AFOSR 67-0439	AFOSH 67-0458	AFOSR 67-0581	AFOSR 67-0582
AFOSR 67-0566	AFOSR 67-0571	AFOSH 67-0572	AFOSR 67-0573	AFOSR 67-0574	AFOSR 67-0576	AFOSR 67-0576
AFOSR 67-0577	AFOSR 67-0578	AFOSR 67-0579	AFOSH 67-0580	AFOSR 67-0581	AFOSR 67-0582	AFOSR 67-0583
AFOSH 67-0584	AFOSR 67-0585	AFOSR 67-0605	AFOSH 67-0633	AFOSR 67-0654	AFOSR 67-0732	AFOSR 67-0763
AFOSR 67-0772	AFOSH 67-0773	AFOSR 67-0911	AFOSH 67-0914	AFOSR 67-0917	AFOSR 67-1040	AFOSR 67-1046
AFOSR 67-1046	AFOSR 67-1178	AFOSH 67-1197	AFOSR 67-1205	AFOSR 67-1205	AFOSR 67-1228	AFOSR 67-1280
AFOSR 67-1269	AFOSR 67-1295	AFOSH 67-1376	AFOSR 67-1401	AFOSR 67-1441	AFOSR 67-1484	AFOSR 67-1488
AFOSR 67-1449	AFOSR 67-1482	AFOSR 67-1483	AFOSR 67-1484	AFOSR 67-1487	AFOSR 67-1576	AFOSR 67-1588
AFOSR 67-1622	AFOSR 67-1647	AFOSR 67-1667	AFOSR 67-1700	AFOSR 67-1710	AFOSR 67-1717	AFOSR 67-1724
AFOSR 67-1749	AFOSR 67-1856	AFOSR 67-1932	AFOSR 67-1934	AFOSR 67-1948	AFOSR 67-1981	AFOSR 67-2009
AFOSR 67-2029	AFOSR 67-2031	AFOSR 67-2033	AFOSR 67-2047	AFOSR 67-2050	AFOSR 67-2051	AFOSR 67-2056
AFOSR 67-2063	AFOSR 67-2072	AFOSR 67-2090	AFOSH 67-2173	AFOSR 67-2212	AFOSR 67-2214	AFOSR 67-2231
AFOSR 67-2270	AFOSR 67-2291	AFOSR 67-2325	AFOSR 67-2327	AFOSR 67-2368	AFOSR 67-2433	AFOSR 67-2513
AFOSR 67-2835	AFOSR 67-2850	AFOSR 67-2851	AFOSR 67-2877	AFOSR 67-2883	AFOSR 67-2891	AFOSR 67-2894
AFOSR 67-2729	AFOSR 67-2787	AFOSR 67-2819	AFOSR 67-2820	AFOSR 67-2821	AFOSR 67-2822	AFOSR 67-2823
AFOSR 67-2824	AFOSR 67-2825	AFOSR 67-2858	AFOSR 68-0070	AFOSR 68-0093	AFOSR 68-0163	AFOSR 68-0219
AFOSH 68-0260	AFOSR 68-0301	AFOSR 68-0304	AFOSR 68-0344	AFOSR 68-0383	AFOSR 68-0419	AFOSR 68-0438
AFOSR 68-0439	AFOSR 68-0440	AFOSH 68-0441	AFOSR 68-0442	AFOSR 68-0446	AFOSR 68-0453	AFOSR 68-0454
AFOSH 68-0471	AFOSR 68-0510	AFOSR 68-0517	AFOSR 68-0529	AFOSR 68-0530	AFOSR 68-0614	AFOSR 68-0625
AFOSR 68-0648	AFOSR 68-0649	AFOSR 68-0665	AFOSR 68-0717	AFOSR 68-0718	AFOSR 68-0731	AFOSR 68-0859
AFOSR 68-0887	AFOSR 68-0925	AFOSR 68-0942	AFOSR 68-0988	AFOSR 68-1016	AFOSR 68-1104	AFOSR 68-1117
AFOSR 68-1122	AFOSR 68-1153	AFOSH 68-1158	AFOSR 68-1164	AFOSR 68-1298	AFOSR 68-1309	AFOSR 68-1362
AFOSR 68-1363	AFOSR 68-1364	AFOSR 68-1365	AFOSR 68-1371	AFOSR 68-1372	AFOSR 68-1378	AFOSR 68-1379
AFOSR 68-1399	AFOSR 68-1400	AFOSR 68-1401	AFOSH 68-1402	AFOSR 68-1428	AFOSR 68-1488	AFOSR 68-1494
AFOSR 68-1405	AFOSR 68-1496	AFOSH 68-1497	AFOSR 68-1499	AFOSR 68-1501	AFOSR 68-1515	AFOSR 68-1518
AFOSR 68-1529	AFOSR 68-1544	AFOSR 68-1568	AFOSR 68-1605	AFOSR 68-1644	AFOSR 68-1675	AFOSR 68-1678
AFOSR 68-1682	AFOSR 68-1697	AFOSR 68-1750	AFOSR 68-1808	AFOSR 68-1809	AFOSR 68-1824	AFOSR 68-1842
AFOSR 68-1845	AFOSR 68-1861	AFOSR 68-1867	AFOSR 68-1886	AFOSR 68-1887	AFOSR 68-1888	AFOSR 68-1888
AFOSR 68-1892	AFOSR 68-1895	AFOSR 68-1901	AFOSR 68-1973	AFOSR 68-1975	AFOSR 68-1989	AFOSR 68-2009
AFOSR 68-2077	AFOSR 68-2222	AFOSR 68-2261	AFOSR 68-2393	AFOSR 68-2395	AFOSR 68-2396	AFOSR 68-2414
AFOSR 68-2430	AFOSH 68-2432	AFOSR 68-2472	AFOSR 68-2504	AFOSR 68-2505	AFOSR 68-2518	AFOSR 68-2523
AFOSR 68-2525	AFOSR 68-2544	AFOSR 68-2555	AFOSR 68-2590	AFOSR 68-2596	AFOSR 68-2600	AFOSR 68-2602
AFOSR 68-2613	AFOSR 68-2614	AFOSR 68-2615	AFOSH 68-2616	AFOSR 68-2617	AFOSR 68-2620	AFOSR 68-2621
AFOSH 68-2622	AFOSR 68-2623	AFOSR 68-2637	AFOSR 68-2647	AFOSR 68-2652	AFOSR 68-2674	AFOSR 68-2680
AFOSR 68-2720	AFOSR 68-2721	AFOSR 68-2817	AFOSR 68-2832	AFOSR 68-2888	AFOSR 68-2889	AFOSR 68-2893
AFOSR 68-2894	ARL 67-0012U	ARL 67-1311M	ARL 68-0333W	ARL 68-0336W	ARL 68-0337W	ARL 68-0338W
ARL 68-0340W	ARL 68-1042B	ARL 68-1043B	ARL 68-1439B			

STATE UNIVERSITY OF NEW YORK

APCRL 67-0389	APCRL 67-0440	APCRL 68-0389	AFOSR 67-0505	AFOSR 67-0754	AFOSR 67-0803	AFOSR 67-1518
AFOSR 67-1538	AFOSR 67-1541	AFOSR 67-1557	AFOSH 67-1559	AFOSR 67-1560	AFOSR 67-1883	AFOSR 67-2040
AFOSR 67-2041	AFOSH 67-2403	AFOSR 67-2627	AFOSR 67-2628	AFOSR 68-0041	AFOSR 68-0755	AFOSR 68-0936
AFOSR 68-1832	ARL 67-0015U	ARL 68-0109U	ARL 68-0153W			

STATE UNIVERSITY OF NEW YORK AT BUFFALO

AFOSR 67-0310	ARL 67-0265W	ARL 68-1194B
---------------	--------------	--------------

STAUFFER CHEMICAL COMPANY

ARL 67-0159U

STD RESEARCH CORPORATION

AFOSR 67-0994

STEVENS INSTITUTE OF TECHNOLOGY

APCRL 67-0675	APCRL 68-0405	APCRL 68-0406	APCRL 68-0524	AFOSH 67-0991	AFOSR 67-1042	AFOSR 68-1668
AFOSR 68-1669	AFOSR 68-1670	AFOSR 68-2804				

STOCKHOLM UNIVERSITY

AFOSR 67-2294

STOCKHOLM UNIVERSITY

AFOSH 67-0097

STOCKHOLM UNIVERSITY OF

AFOSR 68-2373	AFOSH 68-2354	AFOSR 68-2356	AFOSR 68-2357	AFOSH 68-2358
---------------	---------------	---------------	---------------	---------------

SUSSEX UNIVERSITY OF

AFOSR 68-2320

SYDNEY UNIVERSITY OF

AFOSH 68-2398	AFOSR 68-2400	AFOSR 68-2481	AFOSR 68-2604
---------------	---------------	---------------	---------------

SYLVANIA ELECTRIC PRODUCTS INC

APCRL 67-0325 APCRL 68-0478 APCRL 68-0873 APCRL 68-0874 APCRL 68-0876 APCRL 68-0877 APCRL 68-0878
APCRL 68-0879 APCRL 68-0880 APCRL 68-0881

SYLVANIA ELECTRONIC OFFENSE LABS

APCRL 67-0874

SYLVANIA ELECTRONIC SYSTEMS

APCRL 68-0823

SYRACUSE UNIV RESEARCH INSTITUTE

APCRL 67-0310 APCRL 67-0489 APCRL 67-0552 APCRL 67-0650 APCRL 68-0110

SYRACUSE UNIVERSITY

APCRL 67-0402 APCRL 68-0282 AFOSR 67-0192 AFOSR 67-0561 AFOSR 67-0562 AFOSR 67-0673 AFOSR 67-0698
AFOSR 67-1373 AFOSR 67-1644 AFOSR 67-1843 AFOSR 67-2322 AFOSR 68-0113 AFOSR 68-0427 AFOSR 68-0635
AFOSR 68-0836 AFOSR 68-0970 AFOSR 68-1953 AFOSR 68-2244 ARL 68-0270W HAOC 67-0030 HAOC 67-0376

SYRACUSE UNIVERSITY RESEARCH INSTITUTE

APCRL 67-0088 APCRL 67-0230 APCRL 68-0542 AFOSR 68-2409

SYSTEM DEVELOPMENT CORP

APCRL 67-0363 APCRL 67-0384 APCRL 67-0665 APCRL 67-0666 APCRL 68-0080 APCRL 68-0081 APCRL 68-0159
APCRL 68-0240 APCRL 68-0241 APCRL 68-0344 APCRL 68-0470

SYSTEM DEVELOPMENT CORPORATION

APCRL 67-0024 APCRL 67-0077 APCRL 67-0078 APCRL 67-0434 APCRL 67-0495 APCRL 67-0537 APCRL 67-0938
APCRL 67-0539 APCRL 68-0472 APCRL 68-0592 ARL 66-0076U ARL 68-0180U

SYSTEM RESEARCH LABORATORIES

ARL 68-1144W

SYSTEM RESEARCH LTD

AFOSR 67-0861 AFOSR 67-2001 AFOSR 67-2719 AFOSR 67-2720 AFOSR 67-2721 AFOSR 67-2722 AFOSR 68-0448
AFOSR 68-1782

SYSTEMS RESEARCH LABORATORIES INC

APCRL 67-0153 APCRL 68-0392 APCRL 68-0393 APCRL 68-0443 ARL 67-0010U ARL 67-0115U ARL 67-0147U
ARL 67-0160W ARL 67-0184W ARL 67-1052B ARL 68-0042W ARL 68-0087W ARL 68-0186U ARL 68-0187U
ARL 68-0188U ARL 68-0194U ARL 68-0221U ARL 68-1197W ARL 68-1220B ARL 68-1221U ARL 68-1226B

SYSTEMS RESEARCH LABORATORY

ARL 68-0219U ARL 68-0318W

SYSTEMS RESEARCH LABS INC

AFAL 67-0323

TECHNICAL OPERATIONS INC

APCRL 67-0117 APCRL 67-0399 APCRL 67-0633 APCRL 68-0358 APCRL 68-0382 APCRL 68-0519

TECHNICAL RESEARCH

APCRL 68-0243

TECHNICAL RESEARCH GROUP INC

AFOSR 67-1124

TECHNICAL UNIVERSITY

AFOSR 67-2077

TECHNICAL UNIVERSITY OF DEANMARK

APCRL 67-0378 APCRL 68-0315

TECHNICAL UNIVERSITY OF VIENNA

AFOSR 67-2581

TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY

AFOSR 67-0612 AFOSR 67-1161 AFOSR 68-0158 AFOSR 68-0168 AFOSR 68-0165 AFOSR 68-0166

TECHNION ISRAEL INST OF TECH

AFOSR 67-1003

TECHNION ISRAEL INSTITUTE OF TECHNOLOGY

AFOSR 67-0350 AFOSR 67-2002

TECHNION R&D FOUNDATION

ARL 67-0036W ARL 67-0037W

TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD

ARL 68-1168B ARL 68-1170H

TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD

AFOSR 68-0145

TECHNION RESEARCH AND DEVELOPMENT

AFOSR 67-1983

TECHNION RESEARCH AND DEVELOPMENT FOUNDATION

AFOSR 67-0394 AFOSR 67-0690 AFOSH 67-1159 AFOSR 67-2310 AFOSR 67-2311 AFOSR 68-0229 ARL 67-0121U
ARL 68-0014U ARL 68-0015U ARL 68-0047T ARL 68-0108U ARL 68-0147W ARL 68-0165W ARL 68-0199W
ARL 68-0218U ARL 68-0287W

TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD

AFOSR 67-2438 AFOSR 68-0628 ARL 68-1169D

TECHNION RSCH & DEVELOPMENT FOUNDATION

AFOSR 68-0817 AFOSR 68-1621 AFOSR 68-1703 AFOSR 68-1767 AFOSR 68-1889 AFOSH 68-1934 AFOSR 68-1938
AFOSR 68-1936 AFOSH 68-1944 AFOSR 68-2352

TECHNION RSCH / DEVELOPMENT FOUNDATION

AFOSR 68-1204

TECHNION RSCH & DEVELOPMENT FOUNDATION

AFOSR 68-1176

TECHNION RSCH AND DEVELOPMENT FOUNDATION

ARL 68-0268B

TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY

AFOSR 67-2612 ARL 67-0005U ARL 68-0155W ARL 68-0169W

TECHNION/ISRAEL INST OF TECH

AFOSR 67-0467 AFOSR 67-0967 AFOSR 67-1929 AFOSH 67-1942 AFOSR 67-2442 AFOSH 68-0065 AFOSR 68-0629
AFOSR 68-0670 AFOSR 68-1468

TECHNION, ISRAEL INSTITUTE OF TECHNOLOGY

ARL 67-0137W ARL 67-0289W

TECHNISCHE HOCHSCHULE

ARL 68-0227D

TECHNISCHE HOCHSCHULE AACHEN

ARL 67-0087U ARL 68-0074T

TECHNISCHE HOCHSCHULE DARMSTADT

AFCL 68-0425 AFCL 68-0614

TECHNISCHE HOCHSCHULE FRIDERICIANA

AFOSR 68-1937

TECHNISCHE HOCHSCHULE IN WEIN

AFOSR 68-0321

TECHNISCHE HOCHSCHULE IN WIEN

AFOSR 67-0299 AFOSR 67-0652 AFOSR 68-2508 AFOSR 68-2676

TECHNISCHE HOCHSCHULE MUNCHEN

APCRL 68-0551	AFOSR 67-2174	AFOSR 67-2357	ARL 67-12288				
TECHNISCHEN HOCHSCHULE							
ARL 67-02190							
TECHNISCHEN HOCHSCHULE MUNCHEN							
ARL 67-02608	ARL 67-02636	ARL 67-02649	ARL 67-02678	ARL 67-02738	ARL 67-02808	ARL 67-02838	ARL 67-02868
TECHNOLOGY INCORPORATED							
APCRL 67-0522							
TEL AVIV UNIVERSITY							
AFOSR 67-0271	AFOSR 67-0272	AFOSR 67-0273	AFOSR 67-0274	AFOSR 67-0275	AFOSR 67-0276	AFOSR 67-0277	AFOSR 67-0278
TEL-AVIV UNIVERSITY							
AFOSR 67-1319	AFOSR 67-1321	AFOSR 67-1323	AFOSR 67-1325	AFOSR 67-1327	AFOSR 67-1329	AFOSR 67-1331	AFOSR 67-1333
TEL-AVIV UNIVERSITY							
AFOSR 68-2313							
TELEDYNE INC							
AFOSR 68-2151							
TEMPLE UNIVERSITY							
APCRL 67-0276	APCRL 67-0278	APCRL 67-0280	APCRL 67-0282	APCRL 67-0284	APCRL 67-0286	APCRL 67-0288	APCRL 67-0290
TENNESSEE UNIVERSITY OF							
AFOSR 67-2326	AFOSR 67-2328	AFOSR 67-2330	AFOSR 67-2332	AFOSR 67-2334	AFOSR 67-2336	AFOSR 67-2338	AFOSR 67-2340
TEXAS CHRISTIAN UNIVERSITY							
AFOSR 67-0596							
TEXAS A & M UNIVERSITY							
AFOSR 67-2968							
TEXAS A AND M RESEARCH FOUNDATION							
AFOSR 68-2859							
TEXAS A AND M UNIVERSITY							
AFOSR 67-0222	AFOSR 67-0224	AFOSR 67-0226	AFOSR 67-0228	AFOSR 67-0230	AFOSR 67-0232	AFOSR 67-0234	AFOSR 67-0236
TEXAS A&M UNIVERSITY							
AFOSR 68-0358	AFOSR 68-0360	AFOSR 68-0362	AFOSR 68-0364	AFOSR 68-0366	AFOSR 68-0368	AFOSR 68-0370	AFOSR 68-0372
TEXAS A&M RESEARCH FOUNDATION							
AFOSR 67-2143	AFOSR 67-2145	AFOSR 67-2147	AFOSR 67-2149	AFOSR 67-2151	AFOSR 67-2153	AFOSR 67-2155	AFOSR 67-2157
TEXAS A&M UNIVERSITY							
AFOSR 67-0015	AFOSR 67-0017	AFOSR 67-0019	AFOSR 67-0021	AFOSR 67-0023	AFOSR 67-0025	AFOSR 67-0027	AFOSR 67-0029
AFOSR 68-1143							
TEXAS A&M UNIVERSITY							
AFOSR 67-0548							
TEXAS CHRISTIAN UNIVERSITY							
AFOSR 67-0362							
TEXAS INSTRUMENTS INC							
APCRL 68-0307	AFOSR 67-2899	AFOSR 67-2901	AFOSR 67-2903	AFOSR 67-2905	AFOSR 67-2907	AFOSR 67-2909	AFOSR 67-2911
AFOSR 68-1956							
TEXAS INSTRUMENTS INCORPORATED							
AFOSR 67-0797	AFOSR 67-0799	AFOSR 67-0801	AFOSR 67-0803	AFOSR 67-0805	AFOSR 67-0807	AFOSR 67-0809	AFOSR 67-0811
TEXAS TECHNOLOGICAL COLLEGE							
AFOSR 67-0021	AFOSR 67-0023	AFOSR 67-0025	AFOSR 67-0027	AFOSR 67-0029	AFOSR 67-0031	AFOSR 67-0033	AFOSR 67-0035

AFOSR 68-2777

TEXAS UNIVERSITY OF

AFOSR 68-1661
AFOSR 68-2300
AFOSR 68-2871

AFOSR 68-1918
AFOSR 68-2340

AFOSR 68-1919
AFOSR 68-2317

AFOSR 68-1944
AFOSR 68-2412

AFOSR 68-1988
AFOSR 68-2781

AFOSR 68-2011
AFOSR 68-2867

AFOSR 68-2043
AFOSR 68-2870

THE AURORA OBSERVATORY

AFCL 68-0285

THE BENDIX CORPORATION

AFCL 68-0320

THE CATHOLIC UNIVERSITY OF AMERICA

AFCL 67-0438

THE ELECTRO-MECHANICS COMPANY

AFCL 67-0415 AFCL 67-0452

THE ELECTROCHEMICAL SOCIETY INC

AFOSR 67-0651

THE HEBREW UNIVERSITY

AFOSR 67-0530

THE JOHNS HOPKINS UNIVERSITY

AFOSR 67-0327 AFOSR 67-1443 AFOSR 67-0752 AFOSR 67-0759

THE QUEENS UNIV

AFCL 67-0121

THE ROYAL INSTITUTE OF TECHNOLOGY

AFCL 67-0059

THE UNIVERSITY OF CANTERBURY

AFOSR 67-0209

THE UNIVERSITY OF CHICAGO

AFOSR 67-0056

THE UNIVERSITY OF GLASGOW

AFOSR 67-0036

THE UNIVERSITY OF LEEDS

AFCL 67-0032 AFCL 67-0033

THE UNIVERSITY OF MICHIGAN

AFCL 67-0111 AFCL 68-0393 AFOSR 67-0131 AFOSR 67-0395

THE UNIVERSITY OF ROCHESTER

AFOSR 67-0498

THE UNIVERSITY OF SUSSEX

AFOSR 67-0369 AFOSR 67-0370

THE UNIVERSITY OF TEXAS

AFOSR 67-0229 AFOSR 67-0265 AFOSR 67-0314 AFOSR 67-0316 AFOSR 67-0390 AFOSR 67-0607 AFOSR 67-0710
AFOSR 67-0711 AFOSR 67-0712 AFOSR 67-0749 AFOSR 67-07A0 AFOSR 67-0761 AFOSR 67-0762 AFOSR 67-0763
AFOSR 67-0764 AFOSR 67-0765 AFOSR 67-0766 AFOSR 67-0767 AFOSR 67-0768

THESSALONIKI UNIVERSITY OF

AFOSR 68-2258

THIOL CHEMICAL CORP

AFCL 67-0275

THIOL CHEMICAL CORPORATION

AFOSR 67-0933

PHIDOL CHEMICAL CORP
AFOSR 68-0284

TOKYO UNIVERSITY
ARL 68-1058N

TORONTO UNIVERSITY OF
AFOSR 68-2755 AFOSR 68-2756 AFOSR 68-2757

TRAVELERS RESEARCH CENTER INC
AFCL 68-0024

TRG INC
AFCL 67-0510 AFCL 67-0911

TRUSTEES OF BOSTON UNIVERSITY
AFCL 67-0027

TRW INC
AFCL 67-0484 AFCL 67-0285 AFCL 68-0465 ARL 68-0152U

TRW INCORPORATED
AFCL 67-0567 AFCL 68-0167

TRW SYSTEMS
AFOSR 68-0370 AFOSR 68-0546 ARL 67-0211U ARL 68-0144W ARL 68-0325W ARL 68-11236

TRW SYSTEMS GROUP
AFCL 67-0102 AFCL 68-0372

TRW SYSTEMS INC
ARL 67-1334W

TRW, INCORPORATED
ARL 67-1089B

TUFTS UNIVERSITY
AFCL 67-0369 AFCL 68-0245 AFOSR 67-1234 AFOSR 67-1725 AFOSR 67-1868 AFOSR 67-2213 AFOSR 67-2749
AFOSR 68-0316 AFOSR 68-0679

TULANE UNIVERSITY OF LOUISIANA
AFOSR 68-1684

TYCO LABORATORIES INC
AFCL 67-0271 AFCL 67-0331 AFCL 67-0509 AFCL 68-0142 AFCL 68-0160 AFCL 68-0288 AFCL 68-0492
AFCL 68-0560 AFCL 67-0049

U S A P INSTITUTE OF TECHNOLOGY
ARL 67-1013I

U S INDUSTRIAL CHEMICALS CO
AFOSR 68-0503 AFOSR 68-1882

UNITED AIRCRAFT CORP
AFOSR 68-1114 AFOSR 68-1249 AFOSR 68-1979 AFOSR 68-1980 AFOSR 68-2080 AFOSR 68-2101 AFOSR 68-2463

UNITED TECHNOLOGY CENTER
AFOSR 67-1765

UNIVERSAL CORPORATION FOR ATMOSPHERIC RESEARCH
AFCL 67-0390

UNIVERSIDAD CENTRAL DEL ECUADOR
AFOSR 68-2761 AFOSR 68-2762

UNIVERSIDAD DE BARCELONA
 AFOSR 68-0107 ARL 67-10966 AFOSR 68-0989 ARL 67-10968 AFOSR 68-1063 ARL 68-01070 AFOSR 68-1074 ARL 67-01670 ARL 67-10938 ARL 67-10948

UNIVERSIDAD DE BUENOS AIRES
 AFOSR 67-1104 AFOSR 67-1105

UNIVERSIDAD DE CHILE
 AFOSR 67-0460 AFOSR 67-0495 AFOSR 67-0915 AFOSR 67-1337 AFOSR 67-2380 AFOSR 68-0663 AFOSR 68-1080

UNIVERSIDAD NACIONAL DE CORDOBA
 AFOSR 67-1954

UNIVERSIDAD NACIONAL DE TRUJILLO
 AFOSR 67-1542 AFOSR 67-2735 AFOSR 68-2087

UNIVERSIDADE DE SAO PAULO
 AFOSR 67-2397 AFOSR 68-0394 AFOSR 68-0415 AFOSR 68-0416

UNIVERSITA DEGLI STUDI DI GENOVA
 AFOSR 67-0503 AFOSR 67-0504 AFOSR 67-1430 AFOSR 67-1480 AFOSR 67-1481 AFOSR 67-1495 AFOSR 67-1627
 AFOSR 67-1855 AFOSR 67-1856 AFOSR 68-0843 AFOSR 68-0944 AFOSR 68-0945 AFOSR 68-1099

UNIVERSITA DEGLI STUDI DI MILAN
 AFOSR 67-0493 AFOSR 67-1127 AFOSR 68-0943 AFOSR 68-1094 AFOSR 68-1132

UNIVERSITA DEGLI STUDI DI MILANO
 AFOSR 68-0173

UNIVERSITA DEGLI STUDI DI NAPLES
 AFOSR 67-0470 AFOSR 67-1032 AFOSR 67-1098 AFOSR 67-1505 AFOSR 67-1513 AFOSR 68-1397 AFOSR 68-1929

UNIVERSITA DEGLI STUDI DI PADOVA
 AFOSR 67-2054

UNIVERSITA DEGLI STUDI DI PAMMA
 AFOSR 68-1017

UNIVERSITA DEGLI STUDI DI PISA
 AFOSR 67-2536 AFOSR 67-2948 AFOSR 68-1109 AFOSR 68-1419

UNIVERSITA DEGLI STUDI DI ROMA
 AFOSR 68-0524 AFOSR 68-0922

UNIVERSITA DEGLI STUDI DI TORINO
 AFOSR 68-1131 AFOSR 68-1213 AFOSR 68-1214 AFOSR 68-1215 AFOSR 68-1216 AFOSR 68-1217 AFOSR 68-1218
 AFOSR 68-1219 AFOSR 68-1221 AFOSR 68-1240 AFOSR 68-1241 AFOSR 68-1242 AFOSR 68-1259

UNIVERSITA DEGLI STUDI DI PADOVA
 AFOSR 67-1790

UNIVERSITA DI ROMA
 AFOSR 67-2792

UNIVERSITAT BONN
 AFOSR 67-1612 AFOSR 67-1838

UNIVERSITAT HAMBURG
 AFOSR 68-0078

UNIVERSITE D A X-MARSEILLE
 AFOSR 67-0960

UNIVERSITE D ALX-MARSEILLE
 AFOSR 67-0992

UNIVERSITE D ALX-MARSEILLE

AFOSR 66-0798

UNIVERSITE DE LIEGE

APCRL 67-0478 APCRL 67-0479 APCRL 67-0480

UNIVERSITE DE LYON

AFOSR 67-0368 AFOSR 67-0496 AFOSR 67-0497 AFOSR 67-0498 AFOSR 67-0511 AFOSR 67-2558 AFOSR 67-2559
AFOSR 67-2560 AFOSR 67-2561 AFOSR 67-2562 AFOSR 67-2563 AFOSR 67-2564 AFOSR 68-0523

UNIVERSITE DE PARIS

ARL 66-0018U ARL 66-0139U ARL 66-0184U ARL 66-0281U ARL 66-1372L

UNIVERSITE DE PARIS A LA SORBONNE

AFOSR 66-1349 ARL 67-0284U ARL 67-0285U

UNIVERSITE LIBRE DE BRUXELLES

AFOSR 67-0066 AFOSR 67-0927 AFOSR 67-1382 AFOSR 68-1027 AFOSR 68-1028 AFOSR 68-1029 AFOSR 68-1070
AFOSR 68-1078 AFOSR 68-1043 AFOSR 68-1741 AFOSR 68-1714 AFOSR 68-1837 AFOSR 68-2719 AFOSR 68-2723

UNIVERSITY CALIFORNIA

AFOSR 66-1250

UNIVERSITY CATHOLIQUE DE LOUVAIN

AFOSR 66-0131 AFOSR 66-1203 AFOSR 66-1222 AFOSR 66-1247 ARL 67-0196U

UNIVERSITY COLLEGE

APCRL 67-0163 APCRL 67-0555 APCRL 68-0615 AFOSR 67-0002 AFOSR 67-0020 AFOSR 67-0065 AFOSR 67-0132
AFOSR 67-0491 AFOSR 67-0609 AFOSR 67-0975 AFOSR 67-1112 AFOSR 67-1324 AFOSR 67-1341 AFOSR 67-2032
AFOSR 67-2586 AFOSR 68-0191 AFOSR 68-0266 AFOSR 68-0287 AFOSR 68-0288 AFOSR 68-0291 AFOSR 68-0292
AFOSR 68-0293 AFOSR 68-0513 AFOSR 68-0519 AFOSR 68-0531 AFOSR 68-0532 AFOSR 68-0713 AFOSR 68-0758
AFOSR 68-0791 AFOSR 68-1004 AFOSR 68-1926 AFOSR 68-2250 AFOSR 68-2612 AFOSR 68-2725 AFOSR 68-2750
AFOSR 68-2857

UNIVERSITY COLLEGE OF NAIROBI

APCRL 67-0284 APCRL 68-0424

UNIVERSITY COLLEGE OF NORTH WALES

AFOSR 67-0659 AFOSR 68-1054 AFOSR 68-2200 AFOSR 68-2751

UNIVERSITY COLLEGE OF SOUTH WALES

AFOSR 68-1491

UNIVERSITY COLLEGE OF WALES

AFOSR 67-2043

UNIVERSITY DI ROME

ARL 66-02798

UNIVERSITY METHODIST SOUTHERN

AFOSR 68-2202

UNIVERSITY OF ADELAIDE

AFOSR 68-1099 AFOSR 68-2503 AFOSR 68-2911

UNIVERSITY OF ALABAMA

AFOSR 67-1354

UNIVERSITY OF ALASKA

APCRL 67-0244 APCRL 67-0245 APCRL 67-0246 APCRL 67-0247 APCRL 67-0248 APCRL 67-0249 APCRL 67-0250
APCRL 67-0251 APCRL 67-0550 APCRL 67-0559 AFOSR 67-2151 AFOSR 67-2704 AFOSR 67-2860 AFOSR 68-1933

UNIVERSITY OF ARIZONA

APCRL 67-0300 APCRL 67-0590 AFOSR 67-1235 AFOSR 67-2422 AFOSR 67-2423 AFOSR 68-0954 AFOSR 68-1067
AFOSR 68-1905 AFOSR 68-1910

UNIVERSITY OF ARIZONA COLLEGE OF ENG

APCRL 67-0299

UNIVERSITY OF ATHENS

AFOSR 67-2144	AFOSR 68-0007	AFOSR 68-0008				
UNIVERSITY OF MANCHESTER						
AFOSR 68-0183	ARL 67-0222U	ARL 68-0000N	ARL 68-1070N	ARL 68-1071N		
UNIVERSITY OF MERGEN						
AFOSR 67-0677	AFOSR 67-1314	AFOSR 67-1370	AFOSR 67-2531	AFOSR 68-1144	AFOSR 68-1334	AFOSR 68-1424
UNIVERSITY OF BIRMINGHAM						
AFOSR 67-0092	AFOSR 67-1033	AFOSR 68-0554				
UNIVERSITY OF BONN						
AFOSR 67-0855						
UNIVERSITY OF BRISTISH COLUMBIA						
AFOSR 67-1290						
UNIVERSITY OF BRISTOL						
AFOSR 67-1128	AFOSR 67-2267	AFOSR 67-2290	AFOSR 68-0351	AFOSR 68-2140	AFOSR 68-7141	
UNIVERSITY OF BRITISH COLUMBIA						
AFOSR 67-0089	AFOSR 67-0090	AFOSR 67-0091	AFOSR 67-1315	AFOSR 67-1602	AFOSR 67-1890	AFOSR 68-0173
AFOSR 68-0335	AFOSR 68-0682	AFOSR 68-1147	AFOSR 68-1278			
UNIVERSITY OF CALIF						
AFOSR 67-2619						
UNIVERSITY OF CALIFORNIA						
AFOSR 67-0089	AFOSR 67-0128	AFOSR 67-0191	AFOSR 67-0396	AFOSR 67-0455	AFOSR 67-0548	AFOSR 68-0001
AFOSR 68-0090	AFOSR 68-0394	AFOSR 67-0038	AFOSR 67-0039	AFOSR 67-0040	AFOSR 67-0047	AFOSR 67-0053
AFOSR 67-0088	AFOSR 67-0059	AFOSR 67-0104	AFOSR 67-0146	AFOSR 67-0156	AFOSR 67-0159	AFOSR 67-0160
AFOSR 67-0219	AFOSR 67-0220	AFOSR 67-0237	AFOSR 67-0249	AFOSR 67-0298	AFOSR 67-0331	AFOSR 67-0332
AFOSR 67-0333	AFOSR 67-0334	AFOSR 67-0339	AFOSR 67-0340	AFOSR 67-0341	AFOSR 67-0342	AFOSR 67-0343
AFOSR 67-0344	AFOSR 67-0345	AFOSR 67-0346	AFOSR 67-0347	AFOSR 67-0360	AFOSR 67-0375	AFOSR 67-0419
AFOSR 67-0424	AFOSR 67-0429	AFOSR 67-0447	AFOSR 67-0459	AFOSR 67-0462	AFOSR 67-0475	AFOSR 67-0487
AFOSR 67-0488	AFOSR 67-0490	AFOSR 67-0510	AFOSR 67-0556	AFOSR 67-0588	AFOSR 67-0591	AFOSR 67-0626
AFOSR 67-0632	AFOSR 67-0642	AFOSR 67-0646	AFOSR 67-0656	AFOSR 67-0658	AFOSR 67-0661	AFOSR 67-0686
AFOSR 67-0694	AFOSR 67-0718	AFOSR 67-0722	AFOSR 67-0730	AFOSR 67-0731	AFOSR 67-0734	AFOSR 67-0735
AFOSR 67-0775	AFOSR 67-0776	AFOSR 67-0777	AFOSR 67-0778	AFOSR 67-0780	AFOSR 67-0781	AFOSR 67-0789
AFOSR 67-0836	AFOSR 67-0850	AFOSR 67-0856	AFOSR 67-0860	AFOSR 67-0868	AFOSR 67-0897	AFOSR 67-0971
AFOSR 67-1014	AFOSR 67-1028	AFOSR 67-1047	AFOSR 67-1049	AFOSR 67-1050	AFOSR 67-1051	AFOSR 67-1052
AFOSR 67-1054	AFOSR 67-1056	AFOSR 67-1057	AFOSR 67-1058	AFOSR 67-1060	AFOSR 67-1063	AFOSR 67-1097
AFOSR 67-1106	AFOSR 67-1119	AFOSR 67-1134	AFOSR 67-1142	AFOSR 67-1149	AFOSR 67-1187	AFOSR 67-1211
AFOSR 67-1213	AFOSR 67-1224	AFOSR 67-1232	AFOSR 67-1237	AFOSR 67-1239	AFOSR 67-1240	AFOSR 67-1242
AFOSR 67-1274	AFOSR 67-1276	AFOSR 67-1316	AFOSR 67-1348	AFOSR 67-1369	AFOSR 67-1370	AFOSR 67-1389
AFOSR 67-1396	AFOSR 67-1402	AFOSR 67-1405	AFOSR 67-1421	AFOSR 67-1439	AFOSR 67-1442	AFOSR 67-1443
AFOSR 67-1444	AFOSR 67-1447	AFOSR 67-1455	AFOSR 67-1461	AFOSR 67-1471	AFOSR 67-1494	AFOSR 67-1511
AFOSR 67-1514	AFOSR 67-1530	AFOSR 67-1532	AFOSR 67-1610	AFOSR 67-1616	AFOSR 67-1655	AFOSR 67-1661
AFOSR 67-1675	AFOSR 67-1711	AFOSR 67-1712	AFOSR 67-1716	AFOSR 67-1732	AFOSR 67-1734	AFOSR 67-1742
AFOSR 67-1743	AFOSR 67-1744	AFOSR 67-1753	AFOSR 67-1754	AFOSR 67-1845	AFOSR 67-1857	AFOSR 67-1870
AFOSR 67-1871	AFOSR 67-1872	AFOSR 67-1881	AFOSR 67-1895	AFOSR 67-1897	AFOSR 67-1902	AFOSR 67-1927
AFOSR 67-1972	AFOSR 67-1980	AFOSR 67-2004	AFOSR 67-2021	AFOSR 67-2058	AFOSR 67-2061	AFOSR 67-2064
AFOSR 67-2065	AFOSR 67-2080	AFOSR 67-2081	AFOSR 67-2085	AFOSR 67-2086	AFOSR 67-2087	AFOSR 67-2088
AFOSR 67-2094	AFOSR 67-2103	AFOSR 67-2107	AFOSR 67-2111	AFOSR 67-2122	AFOSR 67-2155	AFOSR 67-2255
AFOSR 67-2257	AFOSR 67-2278	AFOSR 67-2281	AFOSR 67-2334	AFOSR 67-2353	AFOSR 67-2366	AFOSR 67-2370
AFOSR 67-2389	AFOSR 67-2390	AFOSR 67-2407	AFOSR 67-2408	AFOSR 67-2409	AFOSR 67-2452	AFOSR 67-2453
AFOSR 67-2457	AFOSR 67-2458	AFOSR 67-2476	AFOSR 67-2480	AFOSR 67-2487	AFOSR 67-2488	AFOSR 67-2511
AFOSR 67-2660	AFOSR 67-2686	AFOSR 67-2688	AFOSR 67-2691	AFOSR 67-2692	AFOSR 67-2693	AFOSR 67-2610
AFOSR 67-2748	AFOSR 67-2777	AFOSR 67-2783	AFOSR 67-2715	AFOSR 67-2733	AFOSR 67-2744	AFOSR 67-2746
AFOSR 68-0071	AFOSR 68-0072	AFOSR 68-0074	AFOSR 68-0076	AFOSR 68-0077	AFOSR 68-0078	AFOSR 68-0079
AFOSR 68-0081	AFOSR 68-0082	AFOSR 68-0083	AFOSR 68-0084	AFOSR 68-0085	AFOSR 68-0086	AFOSR 68-0088
AFOSR 68-0089	AFOSR 68-0090	AFOSR 68-0091	AFOSR 68-0094	AFOSR 68-0121	AFOSR 68-0129	AFOSR 68-0159
AFOSR 68-0149	AFOSR 68-0161	AFOSR 68-0182	AFOSR 68-0189	AFOSR 68-0198	AFOSR 68-0225	AFOSR 68-0249
AFOSR 68-0250	AFOSR 68-0289	AFOSR 68-0314	AFOSR 68-0323	AFOSR 68-0329	AFOSR 68-0330	AFOSR 68-0391
AFOSR 68-0411	AFOSR 68-0423	AFOSR 68-0425	AFOSR 68-0429	AFOSR 68-0432	AFOSR 68-0433	AFOSR 68-0434
AFOSR 68-0436	AFOSR 68-0468	AFOSR 68-0469	AFOSR 68-0482	AFOSR 68-0483	AFOSR 68-0484	AFOSR 68-0485
AFOSR 68-0487	AFOSR 68-0533	AFOSR 68-0539	AFOSR 68-0540	AFOSR 68-0544	AFOSR 68-0562	AFOSR 68-0585
AFOSR 68-0610	AFOSR 68-0640	AFOSR 68-0646	AFOSR 68-0650	AFOSR 68-0661	AFOSR 68-0662	AFOSR 68-0676
AFOSR 68-0764	AFOSR 68-0770	AFOSR 68-0833	AFOSR 68-0839	AFOSR 68-0841	AFOSR 68-0863	AFOSR 68-0911
AFOSR 68-0917	AFOSR 68-0918	AFOSR 68-0919	AFOSR 68-0921	AFOSR 68-0923	AFOSR 68-0924	AFOSR 68-0926
AFOSR 68-0930	AFOSR 68-0932	AFOSR 68-0934	AFOSR 68-0935	AFOSR 68-0951	AFOSR 68-0978	AFOSR 68-0980
AFOSR 68-0991	AFOSR 68-0993	AFOSR 68-0997	AFOSR 68-1001	AFOSR 68-1025	AFOSR 68-1057	AFOSR 68-1058
AFOSR 68-1085	AFOSR 68-1092	AFOSR 68-1112	AFOSR 68-1136	AFOSR 68-1140	AFOSR 68-1142	AFOSR 68-1166
AFOSR 68-1171	AFOSR 68-1172	AFOSR 68-1173	AFOSR 68-1174	AFOSR 68-1175	AFOSR 68-1182	AFOSR 68-1183
AFOSR 68-1184	AFOSR 68-1190	AFOSR 68-1224	AFOSR 68-1232	AFOSR 68-1239	AFOSR 68-1251	AFOSR 68-1270
AFOSR 68-1290	AFOSR 68-1292	AFOSR 68-1294	AFOSR 68-1304	AFOSR 68-1306	AFOSR 68-1308	AFOSR 68-1332
AFOSR 68-1341	AFOSR 68-1342	AFOSR 68-1366	AFOSR 68-1367	AFOSR 68-1422	AFOSR 68-1432	AFOSR 68-1446
AFOSR 68-1472	AFOSR 68-1498	AFOSR 68-1504	AFOSR 68-1532	AFOSR 68-1533	AFOSR 68-1545	AFOSR 68-1566
AFOSR 68-1579	AFOSR 68-1630	AFOSR 68-1633	AFOSR 68-1635	AFOSR 68-1650	AFOSR 68-1653	AFOSR 68-1683
AFOSR 68-1685	AFOSR 68-1686	AFOSR 68-1698	AFOSR 68-1692	AFOSR 68-1717	AFOSR 68-1730	AFOSR 68-1749
AFOSR 68-1755	AFOSR 68-1762	AFOSR 68-1798	AFOSR 68-1806	AFOSR 68-1826	AFOSR 68-1827	AFOSR 68-1829
AFOSR 68-1840	AFOSR 68-1850	AFOSR 68-1866	AFOSR 68-1874	AFOSR 68-1881	AFOSR 68-1916	AFOSR 68-1942
AFOSR 68-1947	AFOSR 68-1955	AFOSR 68-2001	AFOSR 68-2002	AFOSR 68-2005	AFOSR 68-2006	AFOSR 68-2013
AFOSR 68-2016	AFOSR 68-2017	AFOSR 68-2019	AFOSR 68-2020	AFOSR 68-2026	AFOSR 68-2056	AFOSR 68-2057
AFOSR 68-2078	AFOSR 68-2080	AFOSR 68-2081	AFOSR 68-2091	AFOSR 68-2092	AFOSR 68-2093	AFOSR 68-2094
AFOSR 68-2095	AFOSR 68-2102	AFOSR 68-2103	AFOSR 68-2104	AFOSR 68-2109	AFOSR 68-2115	AFOSR 68-2116
AFOSR 68-2117	AFOSR 68-2118	AFOSR 68-2120	AFOSR 68-2121	AFOSR 68-2122	AFOSR 68-2163	AFOSR 68-2184
AFOSR 68-2199	AFOSR 68-2213	AFOSR 68-2215	AFOSR 68-2216	AFOSR 68-2217	AFOSR 68-2246	AFOSR 68-2251
AFOSR 68-2276	AFOSR 68-2278	AFOSR 68-2280	AFOSR 68-2294	AFOSR 68-2310	AFOSR 68-2318	AFOSR 68-2322

AFOSR 66-2323	AFOSR 66-2347	AFOSR 66-2399	AFOSR 66-2401	AFOSR 66-2442	AFOSR 66-2443	AFOSR 66-2444
AFOSR 66-2446	AFOSR 66-2450	AFOSR 66-2454	AFOSR 66-2459	AFOSR 66-2460	AFOSR 66-2461	AFOSR 66-2462
AFOSR 66-2477	AFOSR 66-2512	AFOSR 66-2535	AFOSR 66-2538	AFOSR 66-2561	AFOSR 66-2573	

UNIVERSITY OF CAMBRIDGE

AFOSR 67-0060	AFOSR 67-0070	AFOSR 67-0071	AFOSR 67-0072	AFOSR 67-0328	AFOSR 67-0329	AFOSR 67-0672
AFOSR 67-0676	AFOSR 67-0685	AFOSR 67-1135	AFOSR 67-1140	AFOSR 67-1323	AFOSR 67-1349	AFOSR 67-1350
AFOSR 67-1620	AFOSR 67-1638	AFOSR 67-1639	AFOSR 67-1650	AFOSR 67-1652	AFOSR 67-1735	AFOSR 67-2230
AFOSR 67-2700	AFOSR 67-2701	AFOSR 67-2766	AFOSR 67-2771	AFOSR 66-2174		

UNIVERSITY OF CANTERBURY

AFOSR 67-0910	AFOSR 67-1641
---------------	---------------

UNIVERSITY OF CHICAGO

AFOSR 67-0288	AFOSR 67-0019	AFOSR 67-0024	AFOSR 67-0041	AFOSR 67-0048	AFOSR 67-0092	AFOSR 67-0093
AFOSR 67-0226	AFOSR 67-1270	AFOSR 67-0324	AFOSR 67-0397	AFOSR 67-0644	AFOSR 67-0742	AFOSR 67-0792
AFOSR 67-0876	AFOSR 67-0912	AFOSR 67-0922	AFOSR 67-1006	AFOSR 67-1016	AFOSR 67-1081	AFOSR 67-1198
AFOSR 67-1199	AFOSR 67-1274	AFOSR 67-1212	AFOSR 67-1611	AFOSR 67-1666	AFOSR 67-1671	AFOSR 67-1673
AFOSR 67-1701	AFOSR 67-1723	AFOSR 67-1739	AFOSR 67-2164	AFOSR 67-2165	AFOSR 67-2186	AFOSR 67-2187
AFOSR 67-2445	AFOSR 67-2446	AFOSR 67-2479	AFOSR 67-2509	AFOSR 67-2526	AFOSR 67-2527	AFOSR 67-2554
AFOSR 67-2569	AFOSR 67-2666	AFOSR 67-2671	AFOSR 67-2760	AFOSR 67-2854	AFOSR 68-0029	AFOSR 68-0079
AFOSR 68-0046	AFOSR 68-0047	AFOSR 68-0058	AFOSR 68-0097	AFOSR 68-0111	AFOSR 68-0367	AFOSR 68-0421
AFOSR 68-0430	AFOSR 68-0654	AFOSR 68-0668	AFOSR 68-0707	AFOSR 68-0716	AFOSR 68-0721	AFOSR 68-0722
AFOSR 68-0723	AFOSR 68-0724	AFOSR 68-0730	AFOSR 68-0783	AFOSR 68-0808	AFOSR 68-0809	AFOSR 68-0864
AFOSR 68-0866	AFOSR 68-1198	AFOSR 68-1188	AFOSR 68-1246	AFOSR 68-1248	AFOSR 68-1256	AFOSR 68-1317
AFOSR 68-1348	AFOSR 68-1644	AFOSR 68-1761				

UNIVERSITY OF CINCINNATI

AFOSR 67-0205	AFOSR 67-0206	ARL 67-0277U	ARL 67-0280U	ARL 67-1068N	ARL 67-1183N	ARL 67-1185N
ARL 66-1359N	ARL 66-1361N	ARL 66-1490N				

UNIVERSITY OF COLORADO

AFOSR 67-0046	AFOSR 67-0647	AFOSR 68-0496	AFOSR 68-0501	AFOSR 68-0635	AFOSR 67-0073	AFOSR 67-0700
AFOSR 67-0793	AFOSR 67-1331	AFOSR 67-1366	AFOSR 67-1394	AFOSR 67-1403	AFOSR 67-1740	AFOSR 67-1746
AFOSR 67-2091	AFOSR 67-2110	AFOSR 67-2113	AFOSR 67-2134	AFOSR 67-2140	AFOSR 67-2180	AFOSR 67-2493
AFOSR 67-2803	AFOSR 67-2804	AFOSR 68-0187	AFOSR 68-0188	AFOSR 68-0255	AFOSR 68-0488	AFOSR 68-0725
AFOSR 68-1152	AFOSR 68-1226	AFOSR 68-1269	AFOSR 68-1281	AFOSR 68-1481	AFOSR 68-1831	

UNIVERSITY OF CONNECTICUT

AFOSR 67-1137	AFOSR 67-1138	AFOSR 68-0015	AFOSR 68-0016	AFOSR 68-0017	AFOSR 68-1721	AFOSR 68-1776
---------------	---------------	---------------	---------------	---------------	---------------	---------------

UNIVERSITY OF COPENHAGEN

AFOSR 68-1642	ARL 67-0061U
---------------	--------------

UNIVERSITY OF DAYTON

AFOSR 67-0420	AFOSR 67-0433	AFOSR 67-0534	AFOSR 67-0659	ARL 67-0042U	ARL 67-1010J	ARL 67-1011J
ARL 67-1012J	ARL 67-1200N	ARL 67-1201M	ARL 67-1202M	ARL 67-1203M	ARL 67-1204M	ARL 67-1339B
ARL 68-0248W	ARL 68-0253W	ARL 68-1457M	ARL 68-1458B	ARL 68-1459M	ARL 68-1460M	ARL 68-1461M
ARL 68-1462B	ARL 68-1463B					

UNIVERSITY OF DAYTON RESEARCH INSTITUTE

ARL 68-0156U

UNIVERSITY OF DELAWARE

AFOSR 67-0084	AFOSR 67-0152	AFOSR 67-0425	AFOSR 67-1320	AFOSR 67-2027	AFOSR 67-2289	AFOSR 67-2414
AFOSR 68-0033	AFOSR 68-0470	AFOSR 68-1310	AFOSR 68-1551	AFOSR 68-2044		

UNIVERSITY OF DENVER

AFOSR 67-0063	AFOSR 67-0211	AFOSR 67-0448	AFOSR 67-0572	AFOSR 68-0105	AFOSR 68-0276	AFOSR 68-0334
AFOSR 68-0436	AFOSR 68-0505	AFOSR 68-0521				

UNIVERSITY OF DURHAM

AFOSR 67-1994	AFOSR 68-1542	AFOSR 68-1543
---------------	---------------	---------------

UNIVERSITY OF EDINBURGH

AFOSR 67-2572	AFOSR 68-0812	AFOSR 68-0813
---------------	---------------	---------------

UNIVERSITY OF FLORENCE

AFOSR 67-0068	AFOSR 67-0357	AFOSR 68-0532
---------------	---------------	---------------

UNIVERSITY OF FLORIDA

AFOSR 67-0487	AFOSR 68-0185	AFOSR 68-0493	AFOSR 67-0063	AFOSR 67-1036	AFOSR 67-1038	AFOSR 67-1299
AFOSR 67-1300	AFOSR 67-1301	AFOSR 67-1302	AFOSR 67-1305	AFOSR 67-1374	AFOSR 67-1375	AFOSR 67-1501
AFOSR 67-1663	AFOSR 67-1920	AFOSR 67-2153	AFOSR 67-2277	AFOSR 67-2514	AFOSR 67-2555	AFOSR 67-2565
AFOSR 67-2566	AFOSR 67-2669	AFOSR 67-2705	AFOSR 67-2810	AFOSR 67-2812	AFOSR 68-0337	AFOSR 68-0338
AFOSR 68-0353	AFOSR 68-0354	AFOSR 68-0355	AFOSR 68-0356	AFOSR 68-0405	AFOSR 68-0690	AFOSR 68-0708
AFOSR 68-0709	AFOSR 68-0710	AFOSR 68-0735	AFOSR 68-0754	AFOSR 68-0769	AFOSR 68-1803	AFOSR 68-1804
AFOSR 68-2270	AF 68-1069N					

UNIVERSITY OF FRANKFURT

ARL 67-1209H

UNIVERSITY OF GENOA

AFOSR 67-1480

UNIVERSITY OF GEORGIA

AFOSR 67-0228
AFOSR 68-0409
AFOSR 68-1709AFOSR 67-0990
AFOSR 68-0691
AFOSR 68-1711AFOSR 67-1283
AFOSR 68-0692AFOSR 67-2133
AFOSR 68-0693AFOSR 67-2803
AFOSR 68-0823AFOSR 68-0038
AFOSR 68-0824AFOSR 68-0381
AFOSR 68-0888

UNIVERSITY OF GHANA

AFCL 68-0080

UNIVERSITY OF GLASGOW

AFOSR 67-0110 AFOSR 68-0733

UNIVERSITY OF GOTTINGEN

AFCL 67-0441 ARL 67-10910

UNIVERSITY OF GRONINGEN

AFCL 67-0554

UNIVERSITY OF HAMBURG

ARL 67-0122U

UNIVERSITY OF HAWAII

AFCL 67-0176
AFOSR 67-1140
AFOSR 68-1505AFCL 67-0177
AFOSR 68-0509
AFOSR 68-1781AFCL 67-0179
AFOSR 68-0594
AFOSR 68-2085AFCL 67-0203
AFOSR 68-0675AFCL 67-0586
AFOSR 68-0957AFCL 68-0295
AFOSR 68-0989AFCL 67-0178
AFOSR 68-0986

UNIVERSITY OF HOUSTON

AFCL 67-0111 AFOSR 67-1500 AFOSR 67-1597 AFOSR 67-2020 ARL 68-1331A

UNIVERSITY OF ILL

AFOSR 67-0381 AFOSR 67-0563 AFOSR 67-0586 AFOSR 68-1272 AFOSR 68-1275

UNIVERSITY OF IDAHO

AFOSR 67-1552 AFOSR 68-0435 AFOSR 68-1322

UNIVERSITY OF ILLINOIS

AFCL 67-0056
AFCL 68-0382
AFOSR 67-0982
AFOSR 67-1414
AFOSR 67-1976
AFOSR 68-0266
AFOSR 68-0612
AFOSR 68-0789
AFOSR 68-1462
AFOSR 68-2070
AFOSR 68-2405
ARL 68-0135UAFCL 67-0181
AFCL 68-0419
AFOSR 67-1080
AFOSR 67-1571
AFOSR 67-2060
AFOSR 68-0303
AFOSR 68-0727
AFOSR 68-0854
AFOSR 68-1521
AFOSR 68-2071
AFOSR 68-2542
ARL 68-0167HAFCL 67-0192
AFOSR 67-0107
AFOSR 67-1151
AFOSR 67-1629
AFOSR 67-2135
AFOSR 68-0465
AFOSR 68-0773
AFOSR 68-0986
AFOSR 68-1525
AFOSR 68-2079
AFOSR 68-2579
ARL 68-1444HAFCL 67-0247
AFOSR 67-0311
AFOSR 67-1171
AFOSR 67-1050
AFOSR 67-2355
AFOSR 68-0527
AFOSR 68-0774
AFOSR 68-1115
AFOSR 68-1696
AFOSR 68-2196
AFOSR 68-2583
ARL 68-1448HAFCL 67-0401
AFOSR 67-0367
AFOSR 67-1277
AFOSR 67-1665
AFOSR 67-2528
AFOSR 68-0547
AFOSR 68-0775
AFOSR 68-1235
AFOSR 68-1698
AFOSR 68-2242
ARL 67-0264WAFCL 68-0035
AFOSR 67-0476
AFOSR 67-1412
AFOSR 67-1708
AFOSR 67-2774
AFOSR 68-0586
AFOSR 68-0776
AFOSR 68-1405
AFOSR 68-1714
AFOSR 68-2295
ARL 67-1297HAFCL 68-0079
AFOSR 67-0689
AFOSR 67-1413
AFOSR 67-1769
AFOSR 68-0151
AFOSR 68-0592
AFOSR 68-0788
AFOSR 68-1411
AFOSR 68-1743
AFOSR 68-2360
ARL 68-0033U

UNIVERSITY OF INNSBRUCK

AFCL 68-0174 AFCL 68-0345 AFCL 68-0440 AFOSR 67-154R

UNIVERSITY OF IOWA

AFOSR 67-0204 AFOSR 68-1813

UNIVERSITY OF KANSAS

AFCL 68-0350 AFOSR 67-1079

UNIVERSITY OF KAHLRUHE

ARL 67-1295H ARL 67-1309H

UNIVERSITY OF KENT

AFOSR 67-2276 AFOSR 67-2785

UNIVERSITY OF KENT AT CANTERBURY

AFOSR 67-1774

UNIVERSITY OF KENTUCKY						
AFOSR 67-1185						
UNIVERSITY OF KENTUCKY RSCH FOUNDATION						
AFOSR 67-0355	AFOSR 67-1440	AFOSR 67-2447	AFOSH 68-0647	AFOSR 68-0826	AFOSR 68-0827	
UNIVERSITY OF LEEDS						
AFCL 67-0441	AFCL 68-0017	AFCL 68-0538				
UNIVERSITY OF LEICESTER						
AFOSR 67-0191	AFOSR 68-0842					
UNIVERSITY OF LEYDEN						
AFOSR 67-2779	AFOSR 68-1043					
UNIVERSITY OF LIEGE						
AFCL 67-0095	AFCL 67-0305	AFCL 67-0587				
UNIVERSITY OF LONDON						
AFCL 67-0174	AFCL 67-0195	AFOSR 67-2632	AFOSR 67-2436	AFOSR 68-0525		
UNIVERSITY OF LOUISVILLE						
AFOSR 68-0528	AFOSR 68-0596					
UNIVERSITY OF LOUVAIN						
ARL 67-01554	ARL 68-03514					
UNIVERSITY OF LUND						
AFOSR 67-0105	AFOSR 67-0523	AFOSR 67-0531	AFOSR 67-1989	AFOSR 67-2266	AFOSR 67-2271	AFOSR 68-0193
AFOSR 68-0315						
UNIVERSITY OF MAINE						
AFOSR 67-1698	AFOSR 67-1779	AFOSR 67-2622				
UNIVERSITY OF MANCHESTER						
AFOSR 67-1990						
UNIVERSITY OF MANITOBA						
AFOSR 67-0196	AFOSH 67-2263	AFOSR 68-1313				
UNIVERSITY OF MARYLAND						
AFCL 68-0565	AFOSR 67-0126	AFOSR 67-0182	AFOSR 67-0166	AFOSR 67-0167	AFOSR 67-0170	AFOSR 67-0172
AFOSR 67-0173	AFOSR 67-0330	AFOSR 67-0373	AFOSR 67-0374	AFOSR 67-0417	AFOSR 67-0438	AFOSR 67-0701
AFOSR 67-0895	AFOSR 67-0939	AFOSR 67-1000	AFOSR 67-1002	AFOSR 67-1393	AFOSR 67-1424	AFOSR 67-1536
AFOSR 67-1537	AFOSR 67-1613	AFOSR 67-1615	AFOSR 67-1617	AFOSR 67-1720	AFOSR 67-1748	AFOSR 67-1965
AFOSR 67-2046	AFOSR 67-2131	AFOSH 67-2186	AFOSR 67-2241	AFOSR 67-2283	AFOSR 67-2323	AFOSR 67-2590
AFOSR 67-2408	AFOSR 67-2613	AFOSR 67-2615	AFOSR 67-2703	AFOSR 67-2726	AFOSR 67-2734	AFOSR 67-2835
AFOSR 68-0232	AFOSR 68-0283	AFOSR 68-0373	AFOSR 68-0374	AFOSR 68-0375	AFOSH 68-0377	AFOSR 68-0375
AFOSR 68-0379	AFOSR 68-0410	AFOSH 68-0426	AFOSR 68-0506	AFOSR 68-0561	AFOSR 68-0656	AFOSR 68-0669
AFOSR 68-0974	AFOSH 68-1006	AFOSR 68-1031	AFOSR 68-1038	AFOSR 68-1066	AFOSR 68-1076	AFOSR 68-1108
AFOSR 68-1169	AFOSR 68-1260	AFOSR 68-1284	AFOSR 68-1421	AFOSR 68-1455	AFOSR 68-1492	AFOSR 68-1560
AFOSR 68-1574	AFOSR 68-1632	AFOSR 68-1788	AFOSR 68-1970	AFOSR 68-1971	AFOSH 68-1992	AFOSH 68-2125
AFOSR 68-2355	ARL 67-1206L					
UNIVERSITY OF MASSACHUSETTS						
AFCL 67-0583	AFOSH 67-0663	AFOSR 67-0724	AFOSR 67-1218	AFOSR 67-1687	AFOSR 67-2387	AFOSR 67-2826
AFOSR 68-0174	AFOSR 68-0720	AFOSR 68-1946	AFOSR 68-2266	AFOSR 68-2514	AFOSR 68-2515	
UNIVERSITY OF MIAMI						
AFOSR 67-0285	AFOSH 67-0457	AFOSH 67-1479	AFOSR 67-2098	AFOSR 67-2391	AFOSR 67-2550	AFOSR 68-0407
AFOSR 68-1049	AFOSR 68-1316	AFOSR 68-1619	AFOSH 68-2131	AFOSR 68-2406	AFOSR 68-2532	AFOSR 68-2550
UNIVERSITY OF MICHIGAN						
AFCL 67-0148	AFCL 67-0360	AFCL 68-0027	AFCL 68-0036	AFCL 68-0040	AFCL 68-0349	AFCL 68-0405
AFOSR 67-0171	AFOSR 67-0113	AFOSR 67-0227	AFOSR 67-0250	AFOSR 67-0733	AFOSR 67-0736	AFOSR 67-0737
AFOSR 67-0774	AFOSR 67-0830	AFOSH 67-0839	AFOSR 67-0840	AFOSR 67-0869	AFOSR 67-0970	AFOSR 67-1018
AFOSR 67-1167	AFOSR 67-1799	AFOSR 67-1801	AFOSR 67-1802	AFOSR 67-1803	AFOSR 67-1804	AFOSH 67-1805
AFOSR 67-1406	AFOSH 67-1807	AFOSR 67-1808	AFOSH 67-1809	AFOSR 67-1810	AFOSR 67-1811	AFOSR 67-1812
AFOSR 67-1813	AFOSR 67-1814	AFOSH 67-1815	AFOSR 67-1816	AFOSR 67-1817	AFOSH 67-1818	AFOSR 67-1819
AFOSR 67-1823	AFOSR 67-1824	AFOSR 67-1825	AFOSR 67-1826	AFOSR 67-1827	AFOSH 67-1828	AFOSR 67-1829
AFOSR 67-1830	AFOSR 67-1831	AFOSR 67-1837	AFOSR 67-1874	AFOSR 67-1877	AFOSR 67-1878	AFOSR 67-1903
AFOSR 67-1912	AFOSR 67-1992	AFOSH 67-2114	AFOSR 67-2152	AFOSR 67-2221	AFOSR 67-2232	AFOSH 67-2233
AFOSR 67-2236	AFOSR 67-2235	AFOSR 67-2272	AFOSR 67-2341	AFOSR 67-2426	AFOSR 67-2601	AFOSH 67-2643
AFOSR 67-2644	AFOSH 67-2725	AFOSH 67-2743	AFOSR 67-2773	AFOSR 68-0013	AFOSH 68-0014	AFOSR 68-0099
AFOSR 68-0264	AFOSR 68-0284	AFOSH 68-0362	AFOSR 68-0457	AFOSH 68-0461	AFOSR 68-0508	AFOSR 68-0619

AFOSR 66-0873 AFOSR 66-1237 AFOSR 66-1614 AFOSR 66-1915 AFOSR 66-2143 ARL 67-0276U	AFOSR 66-1164 AFOSR 66-1369 AFOSR 66-1616 AFOSR 66-1930 AFOSR 66-2146 ARL 67-0287W	AFOSR 66-1167 AFOSR 66-1392 AFOSR 66-1654 AFOSR 66-1931 AFOSR 66-2164 ARL 67-0288P	AFOSR 66-1169 AFOSR 66-1393 AFOSR 66-1675 AFOSR 66-1943 AFOSR 66-2316	AFOSR 66-1197 AFOSR 66-1394 AFOSR 66-1675 AFOSR 66-1957 ARL 67-0287U	AFOSR 66-1199 AFOSR 66-1395 AFOSR 66-1691 AFOSR 66-2007 ARL 67-0288W	AFOSR 66-1200 AFOSR 66-1425 AFOSR 66-1402 AFOSR 66-2134 ARL 67-0217U
UNIVERSITY OF MILAN						
AFOSR 67-1445	AFOSR 67-1761	AFOSR 67-2012	AFOSR 67-2101	AFOSR 67-2102		
UNIVERSITY OF MILANO						
AFOSR 67-0137	AFOSR 67-0138	AFOSR 67-1334	AFOSR 67-1342			
UNIVERSITY OF MINNESOTA						
AFAL 67-0077 AFOSR 67-0103 AFOSR 67-0401 AFOSR 67-1049 AFOSR 67-1450 AFOSR 67-1794 AFOSR 67-2759 AFOSR 66-0060 AFOSR 66-0253 AFOSR 66-1575 AFOSR 66-1907 AFOSR 66-2106 AFOSR 66-2339	AFCHL 67-0423 AFOSR 67-0115 AFOSR 67-0401 AFOSR 67-1163 AFOSR 67-1635 AFOSR 67-1850 AFOSR 67-2767 AFOSR 66-0075 AFOSR 66-0256 AFOSR 66-1695 AFOSR 66-1913 AFOSR 66-2111 AFOSR 66-2457	AFCHL 66-0072 AFOSR 67-0216 AFOSR 67-0535 AFOSR 67-1209 AFOSR 67-1645 AFOSR 67-1840 AFOSR 67-2841 AFOSR 66-0124 AFOSR 66-0265 AFOSR 66-1713 AFOSR 66-1914 AFOSR 66-2210 AFOSR 66-2526	AFCHL 66-0144 AFOSR 67-0225 AFOSR 67-0347 AFOSR 67-1210 AFOSR 67-1444 AFOSR 67-1964 AFOSR 67-2442 AFOSR 66-0197 AFOSR 66-0296 AFOSR 66-1449 AFOSR 66-2038 AFOSR 66-2227 ARL 66-0723U	AFOSR 67-0052 AFOSR 67-0296 AFOSR 67-0549 AFOSR 67-1271 AFOSR 67-1054 AFOSR 67-2166 AFOSR 67-2843 AFOSR 66-0200 AFOSR 66-0308 AFOSR 66-1653 AFOSR 66-2040 AFOSR 66-2231 ARL 66-0339W	AFOSR 67-0064 AFOSR 67-0120 AFOSR 67-0757 AFOSR 67-1419 AFOSR 67-1685 AFOSR 67-2574 AFOSR 67-2844 AFOSR 66-0207 AFOSR 66-0491 AFOSR 66-1854 AFOSR 66-2051 AFOSR 66-2240	AFOSR 67-0102 AFOSR 67-0356 AFOSR 67-1026 AFOSR 67-1457 AFOSR 67-1777 AFOSR 67-2375 AFOSR 67-2053 AFOSR 66-0251 AFOSR 66-1417 AFOSR 66-1906 AFOSR 66-2083 AFOSR 66-2294
UNIVERSITY OF MISSOURI						
AFOSR 67-0941 AFOSR 67-1921	AFOSR 67-0942 AFOSR 67-1922	AFOSR 67-1012 AFOSR 67-2410	AFOSR 67-1015 AFOSR 66-1072	AFOSR 67-1605 AFOSR 66-1775	AFOSR 67-1697	AFOSR 67-1707
UNIVERSITY OF MONTREAL						
AFOSR 67-2362						
UNIVERSITY OF MUNICH						
ARL 67-1310W	ARL 67-1314W					
UNIVERSITY OF NEBRASKA						
ARL 66-1354W						
UNIVERSITY OF NEVADA						
AFOSR 67-0529 AFOSR 66-1570	AFOSR 67-1789 AFOSR 66-1573	AFOSR 67-2406 AFOSR 66-1620	AFOSR 67-2709 AFOSR 66-1733	AFOSR 66-0360 AFOSR 66-1962	AFOSR 66-0719 AFOSR 66-2253	AFOSR 66-1435
UNIVERSITY OF NEW HAMPSHIRE						
AFCHL 67-0460	AFCHL 67-0477	AFCHL 66-0051	AFCHL 66-0062	AFCHL 66-0277		
UNIVERSITY OF NEW MEXICO						
AFOSR 67-1515 AFOSR 66-1667	AFOSR 67-2632 AFOSR 66-1764	AFOSR 66-0713 AFOSR 66-1855	AFOSR 66-0267 AFOSR 66-1856	AFOSR 66-0891 AFOSR 66-1894	AFOSR 66-0427 AFOSR 66-1917	AFOSR 66-1574
UNIVERSITY OF NEW SOUTH WALES						
AFOSR 67-0062	AFOSR 67-1356	AFOSR 67-1359	AFOSR 67-1360	AFOSR 67-2194	AFOSR 67-2195	
UNIVERSITY OF NEW YORK						
AFOSR 67-2728	AFOSR 66-2657					
UNIVERSITY OF NEW YORK STATE						
AFOSR 66-2059 AFOSR 66-2484	AFOSR 66-2065	AFOSR 66-2064	AFOSR 66-2124	AFOSR 66-2243	AFOSR 66-2267	AFOSR 66-2283
UNIVERSITY OF NEWCASTLE						
AFOSR 67-0768	AFOSR 66-1511					
UNIVERSITY OF NORTH CAROLINA						
AFOSR 67-0542 AFOSR 67-1353 AFOSR 66-2321	AFOSR 67-0553 AFOSR 67-1670 AFOSR 66-2333	AFOSR 67-0601 AFOSR 67-2346	AFOSR 67-0602 AFOSR 66-0211	AFOSR 67-0603 AFOSR 66-0642	AFOSR 67-0750 AFOSR 66-0729	AFOSR 67-1109 AFOSR 66-0440
UNIVERSITY OF NOTRE DAME						
AFCHL 67-0184 AFOSR 66-2411	AFCHL 67-0644 AFOSR 66-2422	AFCHL 67-0054 AFOSR 66-2444	AFOSR 67-0923	AFOSR 66-0677	AFOSR 66-0674	AFOSR 66-0975
UNIVERSITY OF OKLAHOMA						

AFOSR 67-0210 AFOSM 68-1003	AFOSR 67-0940 AFOSR 68-131H	AFOSR 67-1050 AFOSM 68-2130	AFOSM 67-1490 AML 67-0210V	AFOSM 67-2805	AFOSM 67-264H46	AFOSR 68-0966
--------------------------------	--------------------------------	--------------------------------	-------------------------------	---------------	-----------------	---------------

UNIVERSITY OF DELAWARE RESEARCH INSTITUTE
AFCL 68-0299

UNIVERSITY OF OKLAHOMA STAFF
AFOSR 68-2410

UNIVERSITY OF OREGON
AFOSM 67-0505
AFOSM 68-0481
AFOSR 68-2105

AFOSR 67-1000 AFOSR 68-0597	AFOSR 67-1070 AFOSR 68-0949	AFOSR 67-2007 AFOSR 68-1434	AFOSR 67-2206 AFOSM 68-1031	AFOSR 67-2398 AFOSM 68-1706	AFOSR 68-0108 AFOSR 68-1706
--------------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------

UNIVERSITY OF OREGON MEDICAL SCHOOL
AFOSR 68-0983

UNIVERSITY OF OSLO
AFCL 68-0022
AFOSR 67-0199

AFCL 68-0197 AFOSR 67-0207	AFCL 68-0201 AFOSM 67-0899	AFCL 68-0202 AFOSR 67-1308	AFCL 68-0203 AFOSM 67-1653	AFCL 68-0204 AFOSR 68-1093	AFCL 68-0238
-------------------------------	-------------------------------	-------------------------------	-------------------------------	-------------------------------	--------------

UNIVERSITY OF OXFORD
AFOSR 67-0317

UNIVERSITY OF PAHIS
AFCL 68-0846

UNIVERSITY OF PARMA
AFOSR 67-0403

UNIVERSITY OF PENNSYLVANIA
AFOSR 67-0877

UNIVERSITY OF PENNSYLVANIA
AFOSM 67-0423
AFOSM 68-0217
AFOSR 68-1639

AFOSR 67-1307 AFOSR 68-0545 AFOSR 68-1439	AFOSM 67-1875 AFOSM 68-1599 AML 67-1300H	AFOSR 67-1876 AFOSR 68-1000	AFOSR 67-1952 AFOSR 68-1004	AFOSM 67-2401 AFOSR 68-1703	AFOSR 67-2701 AFOSM 68-1836
---	--	--------------------------------	--------------------------------	--------------------------------	--------------------------------

UNIVERSITY OF PENNSYLVANIA HOSPITAL
AFOSM 67-0890
AFOSR 67-1452

AFOSR 67-1836 AFOSR 67-1853	AFOSM 67-1839	AFOSR 67-1840	AFOSM 67-1842	AFOSR 67-1844	AFOSR 67-1846
--------------------------------	---------------	---------------	---------------	---------------	---------------

UNIVERSITY OF PISA
AFOSR 67-0114
AFOSR 67-2539
AFOSR 67-2546

AFOSM 67-0557 AFOSR 67-2840 AFOSR 67-2547	AFOSR 67-1273 AFOSM 67-2541 AFOSR 67-2805	AFOSM 67-1713 AFOSR 67-2542 AFOSM 68-0061	AFOSR 67-2354 AFOSR 67-2543 AFOSR 68-0573	AFOSM 67-2537 AFOSR 67-2544 AFOSR 68-2117	AFOSR 67-2538 AFOSM 67-2545
---	---	---	---	---	--------------------------------

UNIVERSITY OF PITTSBURGH
AFOSM 68-0190

UNIVERSITY OF PITTSBURGH
AFCL 68-0460
AFOSR 67-2104
AFOSM 67-264R
AFOSM 68-0A20

AFOSM 67-0158 AFOSM 67-2105 AFOSR 68-0024 AFOSR 68-0031	AFOSM 67-0813 AFOSM 67-2106 AFOSR 68-0560 AFOSR 68-0836	AFOSR 67-1041 AFOSM 67-2120 AFOSM 68-0672 AFOSM 68-0931	AFOSR 67-1043 AFOSR 67-2373 AFOSM 68-0736 AFOSR 68-1687	AFOSR 67-1707 AFOSM 67-2641 AFOSM 68-0802 AFOSM 68-1893	AFOSR 67-2030 AFOSR 67-2647 AFOSR 68-0804 AML 67-0053U
--	--	--	--	--	---

UNIVERSITY OF PRINCETON
AFOSR 67-1490

UNIVERSITY OF QUEENSLAND
AFOSR 67-1923
AFOSM 68-1257

AFOSM 68-0666 AFOSR 68-1344	AFOSR 68-1223	AFOSR 68-1262	AFOSR 68-1253	AFOSR 68-1254	AFOSR 68-1266
--------------------------------	---------------	---------------	---------------	---------------	---------------

UNIVERSITY OF READING
AFCL 68-0490

UNIVERSITY OF RHODE ISLAND
AFCL 67-0122

UNIVERSITY OF ROCHESTER
AFCL 67-0380
AFOSM 67-0032
AFOSR 67-0440
AFOSR 67-1155
AFOSR 67-1451

AFCL 67-0523 AFOSR 67-0164 AFOSM 67-0645 AFOSR 67-1279 AFOSR 67-1682	AFCL 68-0026 AFOSM 67-0210 AFOSM 67-0745 AFOSR 67-1386 AFOSM 67-172A	AFCL 68-0061 AFOSM 67-0286 AFOSR 67-0746 AFOSM 67-1385 AFOSM 67-1731	AFCL 68-0096 AFOSM 67-0348 AFOSR 67-0747 AFOSR 67-1386 AFOSM 67-2053	AFCL 68-0190 AFOSM 67-0427 AFOSR 67-0989 AFOSM 67-1387 AFOSR 67-2238	AFCL 68-0515 AFOSR 67-0444 AFOSM 67-1143 AFOSR 67-1448 AFOSM 67-2320
--	--	--	--	--	--

AFOSH 67-2381	AFOSR 67-2605	AFOSH 67-2730	AFOSR 67-2764	AFOSR 67-2778	AFOSR 68-0314	AFOSR 68-0541
AFOSH 68-0302	AFOSH 68-0407	AFOSH 68-1090	AFOSH 68-1096	AFOSH 68-1643	AFOSR 68-1961	AFOSH 68-1978
AFOSH 68-1501	AFOSH 68-1584	AFOSH 68-1610	AFOSH 68-1611	AFOSR 68-1742	AFOSR 68-1766	AFOSH 68-1794
AFOSR 68-2098	AFOSH 68-2075	AFOSH 68-2229	ARL 67-13134			
UNIVERSITY OF ROHF						
AFCHL 67-0507	AFOSR 67-0099	AFOSH 67-0521	AFOSH 67-1606	AFOSH 67-1691	AFOSH 68-2194	
UNIVERSITY OF SALFORD						
ARL 68-13844						
UNIVERSITY OF SASKATCHEWAN						
AFCHL 68-0121	AFCHL 68-0157	AFCHL 68-0100				
UNIVERSITY OF SHEFFIELD						
AFOSH 67-1034	AFOSR 67-1546	AFOSR 67-1961	AFOSH 67-2026	AFOSH 68-0809	AFOSR 68-1173	AFOSR 68-1195
AFOSH 68-1274						
UNIVERSITY OF SOUTH CAROLINA						
AFOSH 68-1346						
UNIVERSITY OF SOUTHERN CALIFORNIA						
AFCHL 68-0104	AFOSR 67-0011	AFOSH 67-0046	AFOSH 67-0146	AFOSR 67-0313	AFOSH 67-0335	AFOSH 67-0366
AFOSR 67-0377	AFOSH 67-0407	AFOSR 67-0431	AFOSR 67-0432	AFOSR 67-0440	AFOSR 67-0441	AFOSH 67-0442
AFOSR 67-0451	AFOSR 67-0452	AFOSH 67-0453	AFOSR 67-0464	AFOSR 67-0479	AFOSR 67-0483	AFOSR 67-0486
AFOSR 67-0636	AFOSR 67-0653	AFOSR 67-0665	AFOSR 67-1091	AFOSR 67-1114	AFOSR 67-1151	AFOSH 67-1202
AFOSR 67-1301	AFOSR 67-1410	AFOSR 67-1459	AFOSR 67-1472	AFOSR 67-1485	AFOSR 67-1487	AFOSR 67-1657
AFOSR 67-1460	AFOSR 67-1967	AFOSH 67-2215	AFOSH 67-2216	AFOSH 67-2265	AFOSH 67-2326	AFOSR 67-2425
AFOSR 67-2504	AFOSH 67-2770	AFOSH 67-2829	AFOSR 67-2530	AFOSH 67-2646	AFOSH 67-2659	AFOSH 68-0214
AFOSR 68-0215	AFOSH 68-0363	AFOSH 68-0370	AFOSR 68-0401	AFOSR 68-0453	AFOSH 68-0653	AFOSR 68-0744
AFOSR 68-0778	AFOSH 68-0814	AFOSR 68-0865	AFOSH 68-0874	AFOSR 68-0889	AFOSH 68-1247	AFOSR 68-1320
AFOSH 68-1340	AFOSR 68-1764	AFOSR 68-1846	AFOSR 68-1868	AFOSH 68-2023	AFOSR 68-2193	AFOSR 68-2350
AFOSR 68-2351	AFOSR 68-2402	AFOSR 68-2451	ARL 67-01740			
UNIVERSITY OF SOUTHERN METHODIST						
AFOSH 68-2021	AFOSH 68-2025	AFOSR 68-2026	AFOSH 68-2027	AFOSR 68-2028	AFOSR 68-2024	AFOSR 68-2030
AFOSR 68-2031	AFOSH 68-2046	AFOSH 68-2047	AFOSH 68-2129			
UNIVERSITY OF SOUTHERN METHODIST UNIVERSITY						
AFOSR 68-2022						
UNIVERSITY OF STOCKHOLM						
AFOSR 68-2203	AFOSR 68-2204	AFOSR 68-2208				
UNIVERSITY OF SUSSEX						
AFOSH 67-1524	AFOSR 67-1780	AFOSR 68-0534	AFOSH 68-1524			
UNIVERSITY OF SYDNEY						
AFOSR 67-0634	AFOSH 68-0848	AFOSR 68-0860	AFOSH 68-0864	AFOSR 68-1100	AFOSR 68-1225	AFOSH 68-1797
AFOSH 68-1911	AFOSR 68-1965	AFOSR 68-2073	AFOSR 68-2248	AFOSR 68-2264	AFOSR 68-2265	
UNIVERSITY OF TENNESSEE						
AFCHL 67-0412	AFOSR 68-0130	AFOSH 68-1746	AFOSR 68-1770	AFOSR 68-1774	AFOSR 68-1877	AFOSR 68-2060
UNIVERSITY OF TEXAS						
AFCHL 67-0540	AFOSH 67-0241	AFOSH 67-0242	AFOSR 67-0743	AFOSR 67-0280	AFOSH 67-0389	AFOSR 67-0477
AFOSR 67-0478	AFOSR 67-0532	AFOSH 67-0637	AFOSH 67-0414	AFOSR 67-0815	AFOSR 67-0816	AFOSH 67-0817
AFOSH 67-0814	AFOSR 67-0819	AFOSH 67-0820	AFOSH 67-0821	AFOSH 67-0822	AFOSH 67-0823	AFOSH 67-0826
AFOSH 67-0827	AFOSH 67-0828	AFOSR 67-0831	AFOSH 67-0832	AFOSH 67-0833	AFOSR 67-0851	AFOSR 67-0862
AFOSR 67-1115	AFOSH 67-1170	AFOSH 67-1175	AFOSH 67-1230	AFOSH 67-1233	AFOSH 67-1255	AFOSH 67-1336
AFOSH 67-1347	AFOSH 67-1364	AFOSH 67-1406	AFOSH 67-1417	AFOSR 67-1497	AFOSH 67-1504	AFOSR 67-1565
AFOSH 67-1566	AFOSH 67-1567	AFOSR 67-1568	AFOSR 67-1569	AFOSH 67-1570	AFOSR 67-1585	AFOSR 67-1586
AFOSR 67-1587	AFOSR 67-1590	AFOSR 67-1590	AFOSR 67-1591	AFOSH 67-1592	AFOSH 67-1593	AFOSR 67-1594
AFOSH 67-1595	AFOSH 67-1623	AFOSH 67-1669	AFOSH 67-1684	AFOSR 67-1733	AFOSR 67-1752	AFOSR 67-1759
AFOSH 67-1764	AFOSH 67-1766	AFOSH 67-1776	AFOSH 67-1809	AFOSH 67-1890	AFOSH 67-1891	AFOSR 67-1893
AFOSH 67-1917	AFOSH 67-1988	AFOSR 67-2137	AFOSH 67-2138	AFOSR 67-2227	AFOSH 67-2259	AFOSH 67-2342
AFOSH 67-2360	AFOSH 67-2399	AFOSR 67-2445	AFOSH 67-2494	AFOSR 67-2497	AFOSH 67-2498	AFOSR 67-2737
AFOSH 68-0005	AFOSH 68-0087	AFOSH 68-0147	AFOSH 68-0212	AFOSH 68-0232	AFOSH 68-0233	AFOSH 68-0234
AFOSH 68-0735	AFOSH 68-0247	AFOSH 68-1047	AFOSH 68-1058	AFOSH 68-1059	AFOSH 68-1060	AFOSH 68-1777
AFOSR 68-1400	AFOSH 68-1815	AFOSH 68-1920	AFOSH 68-2015	AFOSH 68-2032	AFOSR 68-2033	AFOSH 68-2035
AFOSR 68-2041	AFOSH 68-2042	AFOSH 68-2110	AFOSH 68-2225	AFOSH 68-2348	AFOSR 68-2349	AFOSH 68-2473
AFOSH 68-2474	AFOSH 68-2541	ARL 67-00620	ARL 68-01950	ARL 68-11398		
UNIVERSITY OF TEXAS AT AUSTIN						
AFOSH 68-0144	AFOSR 68-0274	AFOSH 68-0290	AFOSH 68-0341	AFOSR 68-0342	AFOSH 68-0516	AFOSH 68-0541
AFOSR 68-0750	AFOSH 68-0834	AFOSH 68-0878	AFOSH 68-0879	AFOSH 68-0890	AFOSH 68-1083	AFOSH 68-1140
AFOSH 68-1178	AFOSH 68-1180	AFOSH 68-1248	AFOSH 68-1351	AFOSH 68-1353	AFOSH 68-1460	AFOSH 68-1468
AFOSR 68-1549	AFOSH 68-1590	AFOSR 68-1591	AFOSH 68-1593	AFOSH 68-1596	AFOSH 68-1598	AFOSH 68-1606
AFOSR 68-1607	AFOSH 68-1613	AFOSR 68-1715	AFOSR 68-1780	AFOSH 68-1796	AFOSR 68-1799	AFOSH 68-1818
AFOSH 68-1824						

UNIVERSITY OF THESSALONIKI

AFOSH 68-1413 AFOSR 68-2257

UNIVERSITY OF TORONTO

AFOSH 67-1422

UNIVERSITY OF TORONTO

AFOSH 67-0127	AFOSH 67-0128	AFOSR 67-0129	AFOSH 67-0278	AFOSH 67-0408	AFOSR 67-0664	AFOSR 67-0671
AFOSR 67-1793	AFOSR 67-2035	AFOSH 68-0011	AFOSH 68-0407	AFOSR 68-0712	AFOSH 68-0798	AFOSH 68-1196
AFOSH 68-1494	AFOSH 68-1577	AFOSR 68-1922	AFOSH 68-2427	ARL 67-0017U	ARL 67-0018U	ARL 67-0019U
ARL 67-0278U	ARL 68-001AU	ARL 68-0205U				

UNIVERSITY OF TORONTO,

ARL 67-0220U

UNIVERSITY OF TURIN

AFOSR 68-0564 AFOSR 68-0565 AFOSR 68-0566 AFOSH 68-0567

UNIVERSITY OF UPPSALA

AFOSR 68-1417 AFOSH 68-2281 AFOSR 68-2468 AFOSR 68-2569 AFOSR 68-2570 AFOSR 68-2571

UNIVERSITY OF UTAH

AFOSR 67-0295	AFOSR 67-0336	AFOSR 67-0470	AFOSR 67-0505	AFOSR 67-0532	AFOSR 67-0536	AFOSR 67-0584
AFOSR 68-0010	AFOSR 68-0065	AFOSR 68-0300	AFOSR 68-053H	AFOSR 67-0163	AFOSR 67-0198	AFOSR 67-192J
AFOSR 67-1901	AFOSR 67-2028	AFOSR 67-2742	AFOSR 67-2800	AFOSR 68-003A	AFOSR 68-0243	AFOSR 68-036A
AFOSR 68-0391	AFOSR 68-1191	AFOSR 68-1321	AFOSR 68-1456	AFOSR 68-1471	AFOSR 68-1546	AFOSR 68-1665
AFOSR 68-2421						

UNIVERSITY OF VERMONT

AFOSR 67-1634 AFOSR 67-1695

UNIVERSITY OF VIENNA

AFOSR 67-0647 AFOSH 68-0095 AFOSH 68-1041 AFOSR 68-1999

UNIVERSITY OF VIRGINIA

AFOSR 67-2652	AFOSR 67-2657	AFOSR 67-2754	AFOSR 68-0336	AFOSR 68-0424	AFOSR 68-0621	AFOSR 68-0876
AFOSR 68-0906	AFOSR 68-1149	AFOSR 68-1732	AFOSR 68-1900			

UNIVERSITY OF WASHINGTON

AFOSR 67-0325	AFOSR 67-0363	AFOSR 68-0043	AFOSR 68-0317	AFOSR 68-0322	AFOSR 68-0333	AFOSR 68-0433
AFOSR 67-0349	AFOSR 67-0428	AFOSR 67-0564	AFOSR 67-0782	AFOSR 67-1335	AFOSR 67-1355	AFOSR 67-2760
AFOSR 68-0037	AFOSR 68-0039	AFOSR 68-0056	AFOSR 68-0280	AFOSR 68-0281	AFOSR 68-0290	AFOSR 68-0300
AFOSR 68-0324	AFOSR 68-0325	AFOSR 68-0340	AFOSR 68-0418	AFOSR 68-0819	AFOSR 68-0825	AFOSR 68-0862
AFOSR 68-1299	AFOSR 68-1300	AFOSR 68-1825	AFOSR 68-1967	AFOSR 68-2139	AFOSR 68-2435	AFOSR 68-2436
ARL 68-1357M						

UNIVERSITY OF WESTERN AUSTRALIA

AFOSR 67-0268 AFOSR 67-1736 AFOSR 67-1751 AFOSR 67-2710

UNIVERSITY OF WESTERN ONTARIO

AFOSR 67-0014 AFOSR 68-0413 AFOSR 67-14K3 AFOSR 67-1464 AFOSR 68-0114

UNIVERSITY OF WINDSOR

AFOSR 67-0017	AFOSR 67-0660	AFOSR 67-1124	AFOSR 67-2284	AFOSR 67-2309	AFOSR 67-2637	AFOSR 67-2675
AFOSR 68-0162	AFOSR 68-1073	AFOSR 68-1123	AFOSR 68-1767	AFOSR 68-176H	AFOSR 68-1843	

UNIVERSITY OF WISCONSIN

AFOSR 67-0197	AFOSR 67-0208	AFOSR 67-0533	AFOSR 67-0714	AFOSR 67-0723	AFOSR 67-0724	AFOSR 67-0725
AFOSR 67-0726	AFOSR 67-0727	AFOSR 67-0740	AFOSR 67-0741	AFOSR 67-1426	AFOSR 67-1531	AFOSR 67-1659
AFOSR 67-1714	AFOSR 67-1946	AFOSR 67-1966	AFOSR 67-2172	AFOSR 67-2191	AFOSR 67-2210	AFOSR 67-2376
AFOSR 67-2377	AFOSR 67-2475	AFOSR 68-0025	AFOSR 68-0703	AFOSR 68-1157	AFOSR 68-1530	ARL 68-0190B
ARL 68-0247M						

UNIVERSITY OF ZURICH

AFOSR 68-0196 AFOSR 68-0195 AFOSR 68-0694 AFOSR 68-1398

UNIVERSITY OF WASHINGTON

AFOSR 68-0948

UPPSALA UNIVERSITY

AFOSR 67-0141	AFOSR 67-0212	AFOSR 67-0213	AFOSR 67-0640	AFOSR 68-0016	AFOSR 68-0374	AFOSR 68-0423
AFOSR 68-0552	AFOSR 67-1449	AFOSR 67-1421	AFOSR 67-1133	AFOSR 67-1834	AFOSR 67-1835	AFOSR 68-0152

UTAH STATE UNIVERSITY

APCRL 67-0049	APCRL 67-0058	APCRL 67-0070	APCRL 67-0220	APCRL 67-0289	APCRL 67-0490	
VANDERBILT UNIVERSITY						
AFOSR 67-1177 AFOSR 68-1311	AFOSR 67-2807 AFOSR 68-1640	AFOSR 67-2811	AFOSR 67-2828	AFOSR 67-2832	AFOSR 68-1034	AFOSR 68-1077
VARIAN ASSOCIATES						
APCRL 67-0694	APCRL 68-0359					
VERMONT UNIVERSITY OF						
AFOSR 68-2298						
VICTORIA UNIVERSITY						
AFOSR 67-2375						
VICTORIA UNIVERSITY OF MANCHESTER						
APCRL 68-0073	APCRL 68-0235	AFOSR 67-0678				
VICTORIA UNIVERSITY OF WELLINGTON						
AFOSR 67-1297	AFOSR 68-0208	AFOSR 68-2841	AFOSR 68-2844	AFOSR 68-2845		
VIRGINIA INST SCIENTIFIC RESEARCH						
AFOSR 68-2774						
VIRGINIA INSTITUTE FOR SCIENTIFIC RESEARCH						
AFOSR 67-0698	AFOSR 67-0923	AFOSR 67-1892	AFOSR 67-2472	AFOSR 67-2473		
VIRGINIA INSTITUTE FOR SCIENTIFIC RSCH						
AFOSR 68-1885						
VITRO CORP OF AMERICA						
APCRL 68-0556	AFOSR 68-1553					
VITRO LABORATORIES						
APCRL 67-0372	APCRL 68-0283					
VITRO LABS						
APCRL 67-0679						
VON KARMAN INSTITUTE FOR FLUID DYNAMICS						
AFOSR 67-0814 AFOSR 68-2588	AFOSR 67-0615 AFOSR 68-2640	AFOSR 67-2059 ARL 67-00630	AF 7-2606 ARL 67-0120U	AFOSR 68-0231 ARL 68-0820U	AFOSR 68-0626 ARL 68-0110U	AFOSR 68-2582 ARL 68-10158
WAKE FOREST COLLEGE						
AFOSR 67-0884						
WALTER KIDDE & COMPANY INC						
APCRL 67-0676						
WARNER AND SHASEY CO						
APCRL 67-0156						
WASHINGTON STATE UNIVERSITY						
AFOSR 68-0317	AFOSR 68-1005	AFOSR 68-1109	AFOSR 68-1113	AFOSR 68-1134	AFOSR 68-1708	
WASHINGTON UNIVERSITY						
AFOSR 67-0238 AFOSR 67-2741	AFOSR 67-1416 AFOSR 68-0262	AFOSR 67-1705 AFOSR 68-1154	AFOSR 67-1947 AFOSR 68-1527	AFOSR 67-2344 AFOSR 68-1546	AFOSR 67-2616 AFOSR 68-1636	AFOSR 67-2731 AFOSR 68-1647
WASHINGTON UNIVERSITY OF						
AFOSR 68-2302	AFOSR 68-2438	AFOSR 68-2440	AFOSR 68-2471	AFOSR 68-2446	AFOSR 68-2744	AFOSR 68-2797
WAYNE STATE UNIVERSITY						
AFOSR 67-0195	AFOSR 68-0016	AFOSR 68-0657	AFOSR 68-0661	AFOSR 68-0730		
WEIZMAN INSTITUTE OF SCIENCE						
AFOSR 68-0797	AFOSR 68-1642					

WEIZMANN INSTITUTE OF SCIENCE

AFCHL 67-0641	AFCHL 68-0115	AFCHL 68-0420	AFCHL 68-0421	AFCHL 68-0423	AFCHL 68-0424	AFCHL 68-0425
AFOSH 67-0610	AFOSH 67-1204	AFOSH 67-2025	AFOSH 67-2343	AFOSH 67-2349	AFOSH 67-2350	AFOSH 68-0520
AFOSH 68-0534	AFOSH 68-0535	AFOSH 68-0536	AFOSH 68-0537	AFOSH 68-0539	AFOSH 68-0540	AFOSH 68-0541

WESLEYAN UNIVERSITY

AFOSH 68-0220	AFOSH 68-1448	AFOSH 68-2754
---------------	---------------	---------------

WESTAT RESEARCH INC

AFOSH 67-0940

WESTERN AUSTRALIA UNIVERSITY OF

AFOSH 68-2143

WESTERN ELECTRIC COMPANY INC

AFCHL 68-0250

WESTERN MICHIGAN UNIVERSITY

AFOSH 67-0504	AFOSH 67-1440	AFOSH 67-1467	AFOSH 67-1474	AFOSH 67-1721	AFOSH 67-1770	AFOSH 67-1772
AFOSH 67-1773	AFOSH 68-0298	AFOSH 68-0309				

WESTINGHOUSE ELECTRIC CORP

AFCHL 67-0157	AFCHL 67-0610	AFCHL 67-0627	AFCHL 67-0628	AFOSH 68-0659	AFOSH 68-1002	AFOSH 68-1361
---------------	---------------	---------------	---------------	---------------	---------------	---------------

WESTINGHOUSE ELECTRIC CORPORATION

AFCHL 67-0016	AFCHL 67-0017	AFCHL 67-0019	AFCHL 67-0079	AFOSH 67-1009	AFOSH 67-1453
---------------	---------------	---------------	---------------	---------------	---------------

WILKES COLLEGE

AFCHL 68-0173	AFCHL 67-02720	AFCHL 67-1146J	AFCHL 67-1147U	AFCHL 68-0237W	AFCHL 68-1149J	AFCHL 68-1190B
AFCHL 68-1177H						

WILLIAM MARSH RICE UNIVERSITY

AFOSH 67-1025

WISCONSIN UNIVERSITY OF

AFOSH 68-2431	AFOSH 68-2461	AFOSH 68-2735	AFOSH 68-2843
---------------	---------------	---------------	---------------

WOLF RESEARCH AND DEVELOPMENT CORP

AFCHL 67-0205	AFCHL 68-0048
---------------	---------------

WORCESTER POLYTECHNIC INSTITUTE

AFCHL 68-0351

XAVIER UNIVERSITY

AFOSH 67-2052

YALE UNIVERSITY

AFCHL 67-0497	AFOSH 67-0243	AFOSH 67-0295	AFOSH 67-0309	AFOSH 67-0323	AFOSH 67-0376	AFOSH 67-0378
AFOSH 67-0535	AFOSH 67-1150	AFOSH 67-1164	AFOSH 67-1165	AFOSH 67-1222	AFOSH 67-1251	AFOSH 67-1275
AFOSH 67-1345	AFOSH 67-1662	AFOSH 67-1742	AFOSH 67-1751	AFOSH 67-1775	AFOSH 67-2160	AFOSH 67-2162
AFOSH 67-2312	AFOSH 67-2104	AFOSH 67-2617	AFOSH 67-2620	AFOSH 67-2630	AFOSH 67-2631	AFOSH 67-2640
AFOSH 67-2643	AFOSH 67-2743	AFOSH 67-2755	AFOSH 67-2756	AFOSH 67-2817	AFOSH 68-0117	AFOSH 68-012A
AFOSH 68-0216	AFOSH 67-0324	AFOSH 68-0331	AFOSH 68-0332	AFOSH 68-0374	AFOSH 68-0962	AFOSH 68-0964
AFOSH 68-1061	AFOSH 68-1074	AFOSH 68-1090	AFOSH 68-1097	AFOSH 68-1104	AFOSH 68-1106	AFOSH 68-1107
AFOSH 68-1155	AFOSH 68-1617	AFOSH 68-1678	AFOSH 68-1680	AFOSH 68-1681	AFOSH 68-1684	AFOSH 68-1686
AFOSH 68-2064	AFOSH 68-2242	AFOSH 68-2309	AFOSH 68-2315	AFOSH 68-2415	AFOSH 68-2447	AFOSH 68-2452
AFCHL 67-1307M						

YFSHIVA UNIVERSITY

AFCHL 68-0127	AFCHL 68-0207	AFCHL 68-0210	AFCHL 68-0134	AFOSH 67-2031	AFOSH 67-0109	AFOSH 67-0147
AFOSH 67-0221	AFOSH 67-0350	AFOSH 67-0744	AFOSH 67-0750	AFOSH 67-1021	AFOSH 67-1152	AFOSH 67-1196
AFOSH 67-1504	AFOSH 67-1524	AFOSH 67-1525	AFOSH 67-1753	AFOSH 67-1747	AFOSH 67-1774	AFOSH 67-2035
AFOSH 67-2357	AFOSH 67-2358	AFOSH 67-2359	AFOSH 67-2361	AFOSH 68-0052	AFOSH 68-0103	AFOSH 68-0447
AFOSH 68-0575	AFOSH 68-0588	AFOSH 68-0607	AFOSH 68-1047	AFOSH 68-1071	AFOSH 68-1159	AFOSH 68-1314
AFOSH 68-1315	AFOSH 68-1316	AFOSH 68-1317	AFOSH 68-1318	AFOSH 68-1319	AFOSH 68-1320	AFOSH 68-1321
AFOSH 68-2516	AFOSH 68-2517	AFOSH 68-2518	AFOSH 68-2519	AFOSH 68-2520	AFOSH 68-2521	AFOSH 68-2522

YFSHIVA UNIVERSITY

AFOSH 68-1444

YONSEI UNIVERSITY

AFOSH 68-0003

YORK UNIVERSITY

SECTION III. AUTHOR INDEX

D MONGAIN E P
AFOSR 68-2725

AMODY R E
AFOSR 68-0738

AARONS J
AFCRL 67-0480
AFCRL 67-0822
AFCRL 68-0380

AASHAMAR K
AFOSR 67-1653
AFOSR 68-1693

ABARDANEL T O I
AFOSR 68-0272
AFOSR 68-0275
AFOSR 68-0276
AFOSR 68-1261

ABBAS M
AFCRL 67-0236

AUEL E W
AFOSR 67-0724

ABERTH W M
AFCRL 68-0442

ABRAHAMS P W
AFCRL 67-0047

ABRAMSON F P
AHL 67-0026V
AHL 67-0110V
AHL 67-1107A
AHL 67-1131A
AHL 67-1133A
AHL 67-1240A
AHL 68-0008V
AHL 68-0081V
AHL 68-0084V
AHL 68-0127V
AHL 68-0138V

ABRAMSON M
AFOSR 68-0594
AFOSR 68-0675
AFOSR 68-1505

ABROMSON F P
AHL 67-0152V

ACHENBACH J D
AFOSR 68-2255
AFOSR 68-2790
AFOSR 68-2455

ACHENBACH J D
AFOSR 68-1387

ACKERMAN S
AFCRL 67-0034
AFCRL 67-0229

ACKENMANN F
AFOSR 68-1107

ADAIR A M
AHL 67-0162V
AHL 67-1251C
AHL 68-1180A
AHL 68-1380A

ADAMS C N
AFCRL 68-0367

ADAMS M F
AFCRL 67-0371

ADAMS J B
AFOSR 67-0573
AFOSR 67-2029

ADAMS S J
AFOSR 67-1999

ADAMS T F
AFOSR 68-1754

ADAMSKI J A
AFCRL 68-0528

ADAMSON A W
AFOSR 68-0778

ADAMSON H
AFOSR 68-2172

ADAMSON R E
AFOSR 67-2492

ADDELMAN S
ARL 67-0013U
ARL 67-0141U
ARL 68-0202U
ARL 68-1290N

ADDISON R C
AFCRL 67-0025
AFCRL 67-0312

ADENILLO M
AFOSR 68-2548

ADEY R
AFOSR 67-0722

ADEY W R
AFOSR 67-1047
AFOSR 67-1051
AFOSR 67-1857
AFOSR 67-1881
AFOSR 67-2107
AFOSR 67-2584
AFOSR 68-0314
AFOSR 68-0487
AFOSR 68-0833
AFOSR 68-1653
AFOSR 68-2713

ADLER J G
AFOSR 67-0569
AFOSR 67-1773
AFOSR 68-1557

ADLER M L
AFOSR 67-2171

ADLER M P
AFML 67-0290

ADLER S L
AFOSR 68-2263

ADLER P I
ARL 68-0161W

ADSCHLIMAN D P
AFOSR 68-1210

ADALIDS E
AFOSR 67-1522

AGARWAL G S
AFOSR 68-1766
AFOSR 68-2482

AGGARWAL J
AFOSR 68-2348

AGGARWAL J K
AFOSR 67-0815
AFOSR 67-0816
AFOSR 67-1255
AFOSR 67-1347
AFOSR 67-1592
AFOSR 67-1776
AFOSR 67-2498

AGGARWAL R L
AFOSR 67-0214
AFOSR 67-2372

AGHISHIAN M
AFCRL 68-0531

AGMON S
AFOSR 67-2847
AFOSR 68-1352

AGOSTA V D
AFOSR 67-0149
AFOSR 68-0615

AGARONOV Y
AFCRL 67-0041
AFCRL 68-0127
AFCRL 68-0338
AFOSR 67-2831

AMEHN E T
AFCRL 68-0082

AMERN N H
AFOSR 68-2005

AMRENG J M
AFOSR 68-1992

AMFELD C E
AFOSR 68-1384

AMLI S L V
AFOSR 67-2414
AFOSR 67-2421
AFOSR 68-2835

AMLUVALIA M S
AFOSR 67-0794
AFOSR 67-0795

AMHADZADEH A
AFOSR 68-1483

AMHUSE D R
AHL 68-1109B

AMHENS T J
AFCRL 67-0579

AMODALA V J
AFCRL 67-0009

AMARA Y
AFOSR 67-2061

AMAS F
AFOSR 67-2273

AIKEN J G
AFCRL 68-0307

AILINGER L C
ARL 68-14521

AISENBERG S
AFCRL 67-0214
AFCRL 67-0693
AFCRL 68-0239

AISSEN M
ARL 67-1182N
ARL 68-1295N

AISSEN M I
ARL 68-1241L

AITCHISON I J R
AFOSR 68-0747
AFOSR 68-0748

AITKEN D
AFOSR 67-1948

AITKEN D W
AFOSR 67-1932
AFOSR 67-1934
AFOSR 68-0344
AFOSR 68-1675
AFOSR 68-1676

AITKENHEAD J H
AFCRL 67-0014

AJMERI M C
AFOSR 68-2125

AKIRA ISHIMAWA A
AFCRL 68-0317

AKITT D P
AFOSR 68-2446

AKRAM-HUSAIN S
AFOSR 68-2659

AKYEAMPONG D
AFOSR 67-1365

ALHF-PESAHU D
AFOSR 67-0101
AFOSR 67-0113

ALBER I E
AFOSR 68-2479

ALBERTSON M D
AFOSR 67-0828
AFOSR 67-0234
AFOSR 68-0290
AFOSR 68-1351
AFOSR 68-1606
AFOSR 68-2043

ALDIN D M
AFCRL 68-0297

ALBRECHT H F
AFOSR 67-2552

ALBRITTON D L
AFOSR 68-2076

ALBUM M M
AFOSR 67-1537

ALBUS M P AFCHL 68-0321	ALLEN S R AFOSH 67-2249	AMIT D J AFOSH 68-2433	ANDERSON J U AFCHL 68-0187
ALDRIDGE A M AFOSH 67-2183	ALLENDORF H O AFOSH 67-1788 AFOSR 68-1288	AMMONS M L AFCHL 67-0233	ANDERSON J E AML 68-0339W
ALDRIDGE J P AFOSR 68-0850 AFOSR 68-0900 AFOSH 68-1242	ALLENSON M B AFOSR 68-1543	ANDROS J L AFOSR 67-1503 AFOSR 67-1539 AFOSR 67-2427 AFOSH 67-2661 AFOSH 68-0924 AFOSH 68-1110 AFOSR 68-1833	ANDERSON J S AFOSH 67-2710
ALDRIDGE J P III AFOSH 67-2183	ALLENTUCH A AFOSR 67-2583	ANDERSON L H AFOSH 67-0553	ANDERSON O L AFOSR 67-1227 AFOSR 68-1452
ALEXANDER C J AFOSH 68-0163	ALLER L H AFOSR 67-1005 AFOSH 67-1119 AFOSH 67-1149 AFOSR 67-1455 AFOSH 68-2561 AFOSH 68-2766 AFOSH 68-2792 AML 68-0200V AML 68-0264V AML 68-0294V	ANDROS M C AFOSR 67-2489	ANDERSON R H DMA 68-0001
ALEXANDER M AFCHL 67-0888 AFCHL 67-0573 AFCHL 67-0611 AFCHL 68-0485 AFOSR 67-1500 AFOSR 68-0958	ALLEY C L AFCHL 67-0584	AMOS K A AFOSH 67-1600	ANDERSON R J AFOSR 67-1958 AFOSR 67-264646
ALEXANDER M AFOSR 67-2006 AFOSR 67-2549 AFOSR 68-2176 AFOSH 68-2177 AFOSH 68-2178 AFOSH 68-2179 AFOSH 68-2180	ALLISON J F AFCHL 69-0516	AMUNDSEN K D AFCHL 67-0250	ANDERSON R R AFOSR 67-1676
ALEXANDER S AFOSR 68-1071 AFOSH 68-1463	ALLRED G O AFCHL 67-0532 AFCHL 67-0584 AFCHL 68-0010	ANANTHANARAYANAN K AFOSH 68-1370	ANDERSON S W AFCHL 68-0032 AFOSR 68-2649 AFOSR 68-2730
ALEXANDER S S AFOSR 67-1149 AFOSR 67-1193	ALLRED W P AFCHL 68-0196	ANASTASSIADES A J AFCHL 68-0084	ANDERSON W J ARL 67-0251V
ALFONSONTERRE-GARCIA AML 68-0341W	ALM P AFOSR 68-1016	ANASTASSIADIS M AFCHL 68-0491	ANDRE S N AFCHL 67-0302 AFCHL 67-0456 AFCHL 67-0629 AFCHL 68-0253
ALGEMI M R AFCHL 67-0376	ALHASIAN R AFCHL 68-0068	ANDAS N AFOSR 67-0794	ANDREOTTI A AFOSH 67-1273 AFOSH 67-2805
ALLEN C AFOSR 67-1186	ALMY J AFOSR 68-0434	ANDERSEN C A AFOSH 68-1868	ANDREW H H AFOSR 68-1048
ALLEN C A AFOSH 67-1499 AFOSH 68-1135 AFOSR 68-1834	ALNOP L E AFCHL 67-0097	ANDERSEN E S AFOSR 68-1642	ANDREW R AFOSR 67-2436
ALLEN C R AFOSH 67-2143	ALTHACH P AFOSH 68-0970	ANDERSEN P AFOSR 67-0207	ANDRULIS P J JR AFOSR 67-0241 AFOSR 67-0243
ALLEN C W AFOSR 68-2447	ALTDACH P G AFOSH 68-0869	ANDERSON A C AFOSR 68-1461 AFOSH 68-1470	ANGEL A AFOSH 67-2534 AFOSH 67-2544
ALLEN J O AFOSH 68-0130	ALTMAN E ARL 68-0206U	ANDERSON H D AFOSR 67-0130 AFOSH 67-1178	ANGEL E S AFOSR 68-0455
ALLEN L C AFOSH 67-2463 AFOSH 67-2465 AFOSH 67-2466 AFOSH 67-2467 AFOSH 67-2468 AFOSH 67-2469 AFOSH 67-2470 AFOSH 67-2471	ALTMAN S AFOSR 68-0440 AFOSH 68-0933 AFOSR 68-1327 AFOSR 68-1540	ANDERSON H D II AFOSH 67-0773 AFOSR 68-0510 AFOSR 68-1304 AFOSR 68-1867 AFOSR 68-2504 AFOSR 68-2505	ANGELAKIS D J AFOSH 67-1396 AFOSR 68-0980
ALLAN L R AFOSH 68-1130 AFOSR 68-1747	ANATO J J AFOSH 67-1096	ANDERSON D E AFAL 67-0072 AFOSH 67-0103 AFOSH 67-2575	ANGELLETI P U AFOSH 68-2748
ALLEN R D AFOSR 67-0749 AFOSR 67-0749 AFOSR 67-1585	ANAZALLAG E AML 67-0244U	ANDERSON D L AFOSH 67-2083 AFOSR 67-2108 AFOSH 68-1449 AFOSH 68-1450	ANGEMEIER W F AML 67-0026
ALLEN H B AFOSH 67-1514	ANBEN M V AFOSR 68-0977	ANDERSON E F AFOSH 68-0593	ANGERMEIER W F AML 67-0010 AML 67-0011 AML 67-0012 AML 67-0013 AML 67-0024 AML 67-0025
	ANES L A AFCHL 67-0340	ANDERSON G F AFCHL 68-0476	ANGUS J C AFCHL 67-0155 AFCHL 68-0170
	ANICO A F AFOSH 67-1676	ANDERSON G S AFAL 67-0003	ANSCHUL M AFOSH 67-1703
	ANICONE G AFOSR 68-2791		

ANSELL G S
AFOSH 68-2386

ANTON H S
AHL 67-0055U
ARL 68-0098T

ANTONINI F
AFOSR 67-0521
AFOSH 67-1506
AFOSH 67-1691
AFOSH 68-0524
AFOSH 68-0922
AFOSH 68-2649
AFOSH 68-2730
AFOSH 68-2791

ANTONUCCI J D
AFCHL 67-0132
AFCHL 68-0152

AOKE F
AFOSH 68-0800

APPLEBAUM J
AFOSH 68-0106

APPLEQUIST D E
AFOSH 68-2409

APPLEWHITE D
AFOSH 67-2194

APTER D F
AFOSR 67-2111

ARATAGE J V
AHL 68-0070T

ARANS F
AFOSH 67-1146

ARATANI T
AFOSH 67-0242

ARMID M A
AFOSH 67-2231
AFOSH 67-2270
AFOSH 68-0453
AFOSH 68-0454

ARACHE A
AFOSR 68-0091

ARCHER D D
AHL 67-1172N

ARCHER T J
AFCHL 67-0226
AFCHL 67-0510
AFCHL 68-0122
AFCHL 68-0102
AFCHL 68-0447

ARDILL T W J
AFCHL 68-0537

ARDUINI A
AFOSH 67-0491
AFOSH 67-0877
AFOSH 68-1317

ARENS I A
AFCHL 67-0147

ARGENTIQUIN D S
AFOSH 67-0744

ARLT H
AFCHL 68-0541

ARLOCK R W
AFOSH 67-0937
AFOSH 67-0975
AFOSH 68-2354

ARM D L
AFOSH 68-2344
AFOSH 68-2345
AFOSH 68-2760

ARMHECHT F M JH
AFOSH 67-0293
AFOSH 67-1448

ARMSTRONG S
AFOSH 68-2648
AFOSH 68-2649
AFOSH 68-2659

ARMINGTON A F
AFCHL 67-0304
AFCHL 67-0445
AFCHL 68-0084

ARMITAGE J V
AHL 67-1270T
AHL 68-02233

ARMSTRONG G T
AFOSH 67-2013
AFOSH 67-2017
AFOSH 67-2534
AFOSH 68-1592
AFOSH 68-1716

ARNAS D A
AFOSH 67-1039

ARNER W
AFOSR 67-1312

ARNETT J D
AFOSH 67-1116
AFOSH 68-0840

ARNOLD D
AFOSH 67-2145

ARNOLD E L
AHL 68-1443N

ARNOLDI D
AFOSR 68-2024

ARNOLDI D
ARL 68-1045N

ARNOLDSON D G
AFOSR 68-1451
AFOSH 68-1704
AFOSH 68-2061
AFOSH 68-2106
AFOSH 68-2204
AFOSH 68-2457

ARNOLDI L
AFCHL 67-0045

ARQUILLA C R
AFOSH 68-0120

ARNOLD A E
AFOSH 67-0304

ARNOLDI J J
AFCHL 67-0505

ARNOLDI M G
AFOSH 67-1335
AFOSH 67-1355

ARNOLD S
AFOSH 67-0315

ARNOLDI A
AFOSH 68-1221

ARNOLDI M S
AFOSH 67-1434
AFOSH 67-1415

ASHBY N
AHL 68-0203U

ASHBY W R
AFOSH 68-1521

ASHLEY M
AFOSH 68-0419
AFOSH 68-0925

ASKNE J
AFCHL 68-0313

ASSMUS E F JR
AFCHL 67-0365
AFCHL 68-0478

ASSOUSA G F
AFOSH 68-1012

ASSOUSA G E
AFOSH 68-1344

ASVESTAS J S
AFCHL 67-0360
AFCHL 68-0495

ATKINSON D
AFOSR 67-0475
AFOSH 67-1421
AFOSH 68-2213
AFOSH 68-2216

ATLAS D
AFCHL 67-0113

ATTNAYE F
AFOSH 67-2007
AFOSH 68-1439

ATKINSON K A
AFOSH 68-0357

AUBAUER M P
AFOSH 68-0722

AUGLAIN W
AFOSH 67-0205
AFOSH 67-0206

AUER L M
AFOSH 67-1114

AUGER D
AFOSH 67-0024

AUTHACH A
AFOSH 67-1438

AUGUST G
AFCHL 68-0155

AUGUSTINE F
AHL 67-0190U
AHL 68-1417D

AULD J
AFCHL 67-0025

AULD S A
AFCHL 67-0312
AFCHL 67-0644
AFOSH 67-0839
AFOSH 67-0455
AFOSH 67-2072
AFOSH 68-2072
AFOSH 68-2032

AUDAL J H
AFOSH 68-2116

AUSTIN A C
AHL 67-1037

AUSTIN J D
AHL 67-0079V
ARL 67-0114V
ARL 68-0316V
ARL 68-0346V
ARL 68-1180N

AUSTIN M C
AFCHL 67-0289

AUTH D C
AFOSH 68-2737

AUPINS P V
AFOSR 68-0200

AVEN M
AFCHL 67-0746
AFCHL 67-0427
AFCHL 68-0044

AVILA G S S
AFOSH 67-2190

AVIV Y
AFOSH 68-1204

AVZINS P V
AFOSH 67-0535

AXELAND F I
AFOSH 68-1526

AXELSON M
AFOSH 67-0540
AFOSH 68-1720
AFOSH 68-2499

AXFORD W I
AFOSH 67-1044
AFOSH 67-2634
AFOSH 67-2635
AFOSH 67-2636
AFOSH 68-1066
AFOSH 68-1065
AFOSH 68-1120

AYERS C L
AFOSH 67-1283
AFOSH 68-2864

AZIZ A K
AFOSH 67-0775

BAKOV M J
AFCHL 67-0156

JACELLI G
AFOSH 68-0541

BACHA J D
AFOSH 68-2510

BACHYNSKI M H
AFCHL 67-0623
AFCHL 67-0625

BACOV M
AFOSH 67-2100

BADIA C
ARL 67-1095H

BAKZISCH M C
AFOSH 68-1811

BAER A H
AFOSH 67-1901
AFOSH 68-0714
AFOSH 68-0743
AFOSH 68-1545

BAKOV D
AFOSH 67-1162

BAHNSEN A AFOSH 67-0090	BALAN W H AFOSH 68-1446	ARL 67-10468 ARL 67-10950 ARL 67-10968 ARL 68-00608 ARL 68-01070 ARL 68-10700 ATL 68-10714	BARF C AFOSR 67-2610
BAHRMAN A AFOSR 68-1190	BALADAN D AFOSR 67-0140		BAHR C C AFOSR 68-
BAILEY A D AFCHL 67-0757	BALADANIAN N AFOSR 68-1230	UALLIX E A AFOSR 67-0323 AFOSR 67-2631	BAHR T M AFOSR 68-2627
BAILEY H F AFOSR 67-0725 AFOSR 67-0726 AFOSR 67-0741	BALAKHISHMAN A V AFUSR 67-2448 AFOSR 68-0919	HALLINGEN J G AFCHL 67-0408	DARFON P AFOSR 68-2120
BAILEY R E AFOSR 67-0704 AFOSR 67-2376 AFOSR 67-2377	BALCAN P AFOSR 67-0504	HALLS A AFOSR 68-1531	MARGAINEH J D JR AFOSR 68-2042
BAILEY S C AFOSR 67-1209 AFOSR 67-1598 AFOSR 68-1194	BALDINI G AFOSR 67-1155 AFOSR 67-1304 AFOSR 67-1385	CALMEY H A AFOSR 67-1945	DARKER P R AFOSR 68-2316 AFOSR 68-2479
BAILEY T L AFOSR 67-1174 AFOSR 67-1375 AFOSR 67-2469	BALDUCCI G AFML 67-0335	BALTA Y AFOSR 67-2300	HARLOW M AFCHL 68-0543
BAIR E J AFOSR 67-2842	BALDWIN J C AFOSR 68-1526	HANCROFT S AFOSR 68-0808	HARLOW R E AFML 67-0252W
BAIR H F AFOSR 68-2514 AFOSR 68-2515	BALDWIN J G AFOSR 67-1404	BAND W AFOSR 68-1005	HARNAAL D C AFOSR 67-2648
BAIRD A V III AFOSR 68-1600	BALDWIN M H AFOSR 67-0381 AFOSR 67-0563 AFOSR 67-0566 AFOSR 68-1277 AFOSR 68-1278 AFOSR 68-2117 AFOSR 68-2684	DAYENJEK M R AFOSR 68-2803	BARNE A A JR AFCHL 68-0226
BAIRD N C AFOSR 67-2227 AFOSR 68-1586	BALASCU R AFOSR 68-1028 AFOSR 68-1029 AFOSR 68-1070 AFOSR 68-1437 AFOSR 68-2710	DAHERJI R B AFOSR 68-0346 AFOSR 68-2003 AFOSR 68-2003	BARNE M H AFCHL 68-0438
BAK T A ARL 67-00110	BALKANSKI M AFCHL 67-0243 ARL 67-02374 ARL 67-02818 ARL 67-02840 ARL 67-02850 ARL 68-00130 ARL 68-01390 ARL 68-01440 ARL 68-02010	HANFORD R A AFOSR 67-2724	BARNETT C J AFOSR 67-2811
BAKER A J ARL 68-01090 ARL 68-11940	BALKONSKI W ARL 67-11211	HAN V AFCHL 67-0322	BARNHILL M V AFOSR 67-0576
BAKER C W AFOSR 67-0734	BALL D J AFOSR 67-0370	BARACCA A AFOSR 68-0107 AFOSR 68-0123	BARNHILL M V III AFOSR 68-1371 AFOSR 68-1402
BAKER D J AFCHL 67-0058 AFCHL 67-0220 AFCHL 67-0249	BALL K F W ARL 67-00541 ARL 67-01441 ARL 67-02201 ARL 67-02201 ARL 67-02201 ARL 67-02201 ARL 67-02201 ARL 67-02201	HANACH J D AFOSR 67-1177 AFOSR 68-1034 AFOSR 68-1077 AFOSR 68-1311 AFOSR 68-1640	BARN J R AFOSR 68-0548
BAKER D R AFOSR 68-2004	BALLOU J AFOSR 67-0370	HANDEH H C AFOSR 67-1757	BARN R J AFOSR 68-0959
BAKER E H AFOSR 67-1405	BALLOU M AFOSR 67-0370	HANDEH H C AFOSR 67-1757	BARN W AFOSR 67-2329
BAKER G R JR AFOSR 67-0711	BALLOU N AFOSR 67-0370	HANDEH H C AFOSR 67-1757	BARNUM S H AFCHL 67-0511 AFCHL 68-0284 AFCHL 68-0361
BAKER H R AFOSR 67-0711	BALLOU O AFOSR 67-0370	HANDEH H C AFOSR 67-1757	HARR D R ARL 67-1250L ARL 67-1261L
BAKER J L AFOSR 67-0711	BALLOU P AFOSR 67-0370	HANDEH H C AFOSR 67-1757	HARR G W AFOSR 68-0382
BAKER K L AFOSR 67-0711	BALLOU Q AFOSR 67-0370	HANDEH H C AFOSR 67-1757	HARR J AFOSR 67-0711
BAKER L L AFOSR 67-0711	BALLOU R AFOSR 67-0370	HANDEH H C AFOSR 67-1757	HARRIS H V AFOSR 67-0711 AFOSR 67-0711 AFOSR 67-0711 AFOSR 67-0711
BAKER M L AFOSR 67-0711	BALLOU S AFOSR 67-0370	HANDEH H C AFOSR 67-1757	HARRIS M W ARL 68-12878
BAKER N L AFOSR 67-0711	BALLOU T AFOSR 67-0370	HANDEH H C AFOSR 67-1757	HARRIS R J AFOSR 67-0711
BAKER O L AFOSR 67-0711	BALLOU U AFOSR 67-0370	HANDEH H C AFOSR 67-1757	HARRIS T L AFOSR 67-0711
BAKER P L AFOSR 67-0711	BALLOU V AFOSR 67-0370	HANDEH H C AFOSR 67-1757	HARRIS W L AFOSR 67-0711
BAKER Q L AFOSR 67-0711	BALLOU W AFOSR 67-0370	HANDEH H C AFOSR 67-1757	HARRIS X L AFOSR 67-0711
BAKER R L AFOSR 67-0711	BALLOU X AFOSR 67-0370	HANDEH H C AFOSR 67-1757	HARRIS Y L AFOSR 67-0711
BAKER S L AFOSR 67-0711	BALLOU Y AFOSR 67-0370	HANDEH H C AFOSR 67-1757	HARRIS Z L AFOSR 67-0711
BAKER T L AFOSR 67-0711	BALLOU Z AFOSR 67-0370	HANDEH H C AFOSR 67-1757	
BAKER U L AFOSR 67-0711	BALLOU AA AFOSR 67-0370	HANDEH H C AFOSR 67-1757	
BAKER V L AFOSR 67-0711	BALLOU AB AFOSR 67-0370	HANDEH H C AFOSR 67-1757	
BAKER W L AFOSR 67-0711	BALLOU AC AFOSR 67-0370	HANDEH H C AFOSR 67-1757	
BAKER X L AFOSR 67-0711	BALLOU AD AFOSR 67-0370	HANDEH H C AFOSR 67-1757	
BAKER Y L AFOSR 67-0711	BALLOU AE AFOSR 67-0370	HANDEH H C AFOSR 67-1757	
BAKER Z L AFOSR 67-0711	BALLOU AF AFOSR 67-0370	HANDEH H C AFOSR 67-1757	

AFCHL 6H-0499 AFCHL 4A-0440	MPNT R M AHL 6H-1084N	MORKE I AHL 6B-0345V	WFSSE A AFCHL 67-0675
BENCI J AFOSH 6H-2708	BENTLEY W D AFOSH 6B-1803	DEHKGFSKY L AFCHL 6H-0571	DESSP A L AFCHL 6B-0629
BENDH C W AFOSH 6A-2212	BENTLY M D AFOSH 6A-1500	BERKOVITS A AFOSH 6B-0629	HESSETTE R W AFUSR 6B-1946 AFOSH 6B-2266
BENDEN O AHL 67-1052M	BENDOWSKI W AFOSH 67-2637 AFOSH 6B-1071 AFOSH 6B-1121 AFOSH 6B-1843	BERLCKAMP E W AFOSH 6H-2019	WEST P E AFOSR 67-0493
BENDOW F A L 6B-1415D	BERG D S AFCHL 67-0142	BERLIN R D AFOSH 67-0706 AFOSR 67-0707 AFOSR 67-0751 AFOSR 67-2247	BETHA T W III AFUSR 67-0396 AFOSR 6B-2510 AFOSR 6B-2511
BENDT P J AFOSR 67-2569 AFOSR 6H-1117	BERG F AFOSR 67-2151 AFOSH 67-2704 AFOSH 67-2809 AFOSH 6B-1933	BERLUCCHI G AFOSH 67-2540 AFUSR 6B-2692 AFOSR 6B-2714	BETHLE H E AHL 67-0045 AHL 67-0100V AHL 67-1065L AHL 67-1069A AHL 67-1234L AHL 67-1254C AHL 6B-0034T AHL 6B-0040V AHL 6B-0063V AHL 6B-0216T
BENDEK G AFOSH 67-1127 AFOSR 67-1445 AFOSH 67-1761 AFOSH 6H-1094 AFOSH 6B-1472	BENG I D AFOSH 6B-2245	BERMAN I AFCHL 67-047	BETTLER P C AFOSR 67-2406
BENDETTO K W AHL 67-0170T AHL 67-1075A AHL 6H-1136A	BENGEN A R AFOSH 67-024H AFOSR 6B-2454 AFOSR 6B-2877	BERMAN W AFOSR 6B-1080	DEURLING A AFOSR 67-1418 AFOSH 6B-2181
BENEDICT W S AFCHL 67-043H	BERGER A W AFCHL 6H-0101	BERN M A AFOSR 6B-028H	JEVAN O J M AFOSR 6B-2143
BENEDIKTSSON D AFOSR 67-2752	BENGER H AFOSH 67-1798 AFOSH 6H-1534 AFOSH 6H-1535 AFOSR 6H-203R AFOSH 6H-2039	BERNARD P K AFOSR 67-0359	BEVERSDORFF A AFOSH 67-1314 AFOSH 6B-1334
BENKSON D AHL 67-0264H	BELGGER M AFOSR 67-160R	BERNE O J AFOSR 6B-0046	GHATTACHARYA A K AFCHL 67-0181 AHL 67-1247A AHL 6B-1119A
BENKSON D W AHL 6B-0109U AHL 6B-1194R	BERGER M S AFOSH 6B-2240	BERNHARD C G AFOSH 67-0902 AFOSH 67-0913 AFOSH 6B-0697 AFOSR 6B-069A AFOSR 6B-0700 AFOSR 6B-2769	GHATTACHARYA I C AFOSR 6B-2728
BENK P AFCHL 67-0810	BERGER R J AFOSH 6H-1650 AFOSH 6B-2794	BENNI A J AFOSR 6H-1001	GHUMNIK S AFOSR 67-0218 AFOSH 67-0225 AFOSH 67-1026 AFOSH 67-285J
BENKSCHE W M AFCHL 6B-0565	BENGER T AFCHL 6B-0176	BERNY R S AFOSR 6B-2004	GHOSHAN M AFOSH 67-1456
BENNETT C L AFCHL 67-0114	BERGLES A P AFOSR 67-1459	BERNY W L AFCHL 67-0597	HEIL K AFCHL 67-0114 AFCHL 67-0188 AFCHL 6B-0106
BENNETT J H AFCHL 67-0167	BERGLUND M AFOSH 6B-2208 AFOSH 6H-2555 AFOSH 6B-2557	BERSON J A AFOSR 67-2802	HICKTELER K AFOSR 6B-2264
BENNETT M V I AFOSH 67-1490 AFOSH 67-1491 AFOSH 67-1492	BERGLUND U AFOSH 6H-2794 AFOSR 6B-2557	BERTA M A AFOSH 67-0757	JICKART P AFOSH 67-0680 AFOSR 6B-1720 AFOSH 6B-2497 AFOSH 6B-2499
BENNETT H L AFOSH 6H-0104	BERGLUND V AFOSH 6B-2554 AFOSH 6H-2554	BERTEL R D AFCHL 6B-0194	HICKART T A AFOSR 67-0930
BENNETT W H JR AFOSH 67-2610	BENGMAN S AFOSH 6H-0304 AFOSH 6H-2472 AFOSH 6H-2557 AFOSH 6H-2603	BERTONI E A AFCHL 67-0435	HIDERMAN A O AFOSR 67-1020 AFOSR 6B-0570 AFOSH 6B-0580 AFOSH 6B-0631 AFOSH 6B-1406
BENNETT W H JR AFOSH 67-0309 AFOSH 67-0323 AFOSH 67-2417 AFOSH 67-2029 AFOSH 67-2040 AFOSH 67-2063	BENGMAN J AHL 67-0231V AHL 67-1043A	BERTHAM H AFCHL 6B-0266 AFOSH 67-0811	WIDINGSTI O R AFOSR 67-1403 AFOSR 67-1464
BENNING D C AFOSH 6H-2421	BENGMAN P G AFOSH 67-1373	BERGALA P AFOSR 6B-1853 AFOSR 6B-2106 AFOSH 6B-2293 AFOSH 6B-2294	
BENNET A AHL 67-0017U AHL 67-0017U AHL 6H-0205U		BERGEMAN W G AFOSH 67-1256	
BENSON S W AFOSH 6H-2409		BERGEMAN W AHL 67-1124	

BIDWELL L R
ARL 67-0034V
ARL 67-0126V
ARL 67-0163V
ARL 67-0247V
ARL 68-0057V
ARL 68-1174A

BIEDENHARN L C JR
AFOSR 68-2550

BIEDERMAN I
AFOSR 67-1201
AFOSR 67-1830

BIEDERMAN-THOMSON W
AFOSM 68-0607

BISLOWSKI M
AFOSM 68-2583

BIERLEIN J A
ARL 67-0093V
ARL 67-0109V
ARL 67-1003L
ARL 67-1245A
ARL 68-1218C

BIGEISEN J
AFOSM 67-2906

BILWAKFSH
ARL 67-0113U

BINCHAM J T
AFOSM 67-0864

BIORSKI A
ARL 67-1227J

BIOT M A
AFOSR 68-0094
AFOSM 68-0103
AFOSR 68-0458

BIRCH S
AFOSR 68-2356

BIRCHENALL C E
AFOSR 67-0084
AFOSM 67-2289

BIRD G A
AFOSM 68-0848
AFOSM 68-0860
AFOSR 68-1225
AFOSR 68-2243

BINKELAND J W
ARL 67-0279T
ARL 68-0174V

BIRMAN J L
ARL 67-0230W
ARL 67-0267W
ARL 67-1282D
ARL 67-1283D
ARL 67-1321R
ARL 67-1322B
ARL 68-0243W
ARL 68-1414H
ARL 68-1415B
ARL 68-1414A

BIRNBAUM M
ARL 68-1296I

BIRNBAUM W R
AFOSR 67-1199

BIRNBAUM Z W
ARL 68-1292M
ARL 68-1293M

BISBERG A
AFOSM 68-0416

BISHING P S
AFOSL 67-0473
AFOSL 67-0474
AFOSL 67-0885
AFOSL 68-0037
AFOSL 68-0038
AFOSL 68-0226

BISENTRAUT K J
ARL 67-0214V

BISHOP A W
AFOSL 67-0535

BISHOP R R
AFOSR 68-0154
AFOSM 68-1777

BISNETTE M I
AFOSM 67-0990
AFOSR 67-1601

BISSONNETTE L R
AFOSM 68-0329

BISTAGNINO C
AFOSM 68-2282

BISTROFF D W
AFOSL 67-0201
AFOSL 68-0145

BITTER F
AFOSR 68-1090

BITTERLICH W
AFOSL 67-035H
AFOSL 67-0361
AFOSL 67-0362
AFOSL 67-0494
AFOSL 68-0440

BJURCK G
AFOSR 68-0152

BJORDAL J
AFOSM 67-2531
AFOSM 68-2750

BJORSHOLM J P
AFOSR 67-1401

BLACK P
AFOSR 68-1672

BLACK W
ARL 67-1180N

BLACKBURN R J
AFOSM 68-2867

BLACKBURN J M
AFOSR 67-2076
AFOSM 68-1265

BLACKMORE M A
AFOSM 68-1790
AFOSM 68-2770

BLACKMORE T
AFOSR 68-2814

BLACKNER R J G
AFOSM 68-1745

BLACKSMITH P
AFOSL 67-047H
AFOSL 68-0267

BLACASTICK D T
AFOSR 67-2605

BLACKWELL D
AFOSM 68-2249
AFOSM 68-0250
AFOSM 68-1002

BLADEN J D
AFOSL 67-0210

BLAIN R W
AFOSL 67-0068

BLAIR S D
ARL 68-0210U

BLAKE A J
AFOSM 68-1099

BLAKELY J M
AFOSR 67-2296
AFOSM 67-2367
AFOSM 67-2392
AFOSM 68-0333

BLAKEMORE J S
AFOSR 68-0176
AFOSR 68-0201

BLANCH G
ARL 67-1033A
ARL 68-02230
ARL 68-1256A
ARL 68-1287L
ARL 68-1472A

BLANCHARD J G
AFOSM 68-2323

BLANEY J I
AFOSL 67-0447

BLANEY J J
AFOSL 68-0589

BLATT J M
AFOSM 68-1491

BLATTNER W
AFOSL 67-0207
AFOSL 68-0186

BLAUM N A
AFOSM 68-1091

BLECK W
AFOSL 67-0617

BLEISHMAN D A
AFOSR 68-1952

BLEISTEIN N
AFOSL 67-0531
AFOSR 67-1625

BLITZINGER P
ARL 68-0117V
ARL 68-0175V

BLIAMPTIS P E
AFOSL 68-0572

BLISCHKE W R
ARL 68-0207U

BLUM K A
AFOSR 68-0581

BLUM J M
AFOSL 67-0076

BLUMQUIST M G
AFOSL 67-0540

BLUM J E
AFOSM 68-1149

BLUM M M
AFOSL 67-0292

BLUM E
AFOSL 67-0001

BLUM J
AFOSM 67-0928
AFOSR 68-2603
AFOSR 68-2642

BLUM J R
AFOSM 68-1145

BLUM M A
AFOSR 67-1688
AFOSR 67-1841
AFOSR 67-2417
AFOSM 68-1454

BLUMF R J
AFOSM 68-0962

BLUMENTHAL R N
ARL 67-0250W
ARL 68-0085U
ARL 68-1150M

BLUMH C D
AFOSM 67-2048
AFOSM 68-0092

BOARDMAN J
AFOSL 67-0117

BOATO G
AFOSM 68-0054

BOGILLIER P
AFOSM 67-2562
AFOSR 67-2564

BOBISJO L
AFOSM 68-0967

BOBROW D G
AFOSL 67-0269
AFOSL 67-0458
AFOSL 67-0485
AFOSL 68-0085

BOCZAK P
AFOSL 68-0200

BOCANSKY D
AFOSM 68-0728
AFOSR 68-2772

BOODINGTON T
AFOSM 67-0520

BOENKEIMF P
AFOSM 68-0116
AFOSR 68-1032
AFOSR 68-1822

BOENSTEDT K
AFOSM 67-1612
AFOSM 67-1838

BOENNER S W
AFOSM 67-1003
AFOSM 67-1159
AFOSR 67-1983
AFOSM 67-2311
AFOSM 67-2311
AFOSM 68-0628
AFOSM 68-1936

BOENKER L P
AFOSL 67-0190
ARL 67-0281U

BOENMAN L I
ARL 67-0058U

BOENWE H
AFOSM 67-1168

HOENKE H C AFOSR 67-2588	HOLTUN J H AFOSR 68-0307	HOLME D AFOSM 68-0929	HOWDEN K F AFOSR 68-0285
HOELLA G AFCHL 67-0493 AFCHL 68-0173	HOLTUN K AFOSR 67-0649	HOWELL I J AFOSR 67-1703 AFOSM 68-0495	HOWELL E AFCHL 67-0504
HOER G J AFCHL 67-0263	HOWSE F AFOSR 67-0028 AFOSM 67-2324 AFOSR 67-2340 AFOSM 68-0142	HOWSON S ARL 68-0744	HOWERS R V AFOSM 68-1067
HOFERMA J AFOSM 67-1284	HOUCZYK P A AFOSM 68-2415	HOUSCHITZ E AFOSR 67-1979	HOWMAN B A AFCHL 67-0366
HOESCHOTEN P AFOSR 68-1928 ARL 67-1301H ARL 67-1302H	HOND A H AFOSM 68-0437	HOSE R C AFOSM 67-1109	HOVA L J AFOSM 68-1074
HOESGAARD A W AFOSR 64-2516	HONE L I ARL 67-0172V ARL 67-1136E ARL 67-1244A ARL 68-0006V ARL 68-0058V	HUSTICK F X AFCHL 67-0540	HOYCE W E AFOSR 67-1692 AFOSR 68-1300
HOGDONOFF S M ARL 67-0009U ARL 68-1000H ARL 68-1110D ARL 67-1111H ARL 68-1112H	HONFGLIOLI G AFOSR 67-0355 AFOSM 67-1636 AFOSM 67-2786 AFOSR 67-2786 AFOSM 67-2786 AFOSM 68-0474	HUSTICK F E JR AFOSM 67-1585 AFOSR 67-1589	HOYO D W AFOSR 67-0406
HOMACKYNSKY I O AFOSR 67-2246	HONGIORNO J J JR AFOSM 68-0064 AFOSR 68-2044	HUSTICK W A AFOSM 67-0491	HOYO G AFCHL 68-0200
HOMM H V AFOSM 67-0195 AFOSR 68-0057 AFOSR 68-0739	HONHAM R A AFOSR 67-0269 AFOSM 67-0863 AFOSR 67-1154 AFOSR 67-2406 AFOSR 68-0210	HUSTICK W W AFOSM 67-0675 AFCHL 68-0405 AFCHL 68-0406 AFOSM 67-1062 AFOSM 68-1062 AFOSM 68-1062 AFOSR 68-1070	HOYO J A AFOSR 68-1799
HOMM-VITENSE E AFOSR 67-2673	HONNELL J M AFOSM 67-1001	HUTCHINS W W AFOSM 68-2025	HOYER D W AFCHL 67-0201 AFCHL 68-0145
HOMNEY L M AFOSR 68-0244	HONNELL J M AFOSM 67-1001	HUTCHINS G H AFOSM 68-1478	HOYING J D AFOSR 67-0372 AFOSM 67-1639
HUMMER M AFOSM 67-0758	HONNELL J M AFOSM 67-1001	HUTCHINS G H JR AFOSM 67-2621	HOYING J D AFOSR 67-0372 AFOSM 67-1639
HUMMER W E AFOSR 68-1554	HONNELL J M AFOSM 67-1001	HUTCHINS L S AFOSM 67-1901	HOYING J D AFOSR 67-0372 AFOSM 67-1639
HOULEAU A R AFCHL 68-0394	HONNELL J M AFOSM 67-1001	HUTCHINS G W AFOSR 67-0717	HOYING J D AFOSR 67-0372 AFOSM 67-1639
HOITI M AFOSR 68-1240	HONNELL J M AFOSM 67-1001	HUTCHINS H F AFCHL 68-0619	HOYING J D AFOSR 67-0372 AFOSM 67-1639
HOK J AFOSR 68-1349	HONNELL J M AFOSM 67-1001	HUTCHINS R I AFOSM 67-1452 AFOSR 68-0507 AFOSM 68-0786	HOYING J D AFOSR 67-0372 AFOSM 67-1639
HOLFF D I AFOSM 67-2731 AFOSM 68-0262 AFOSR 68-1527 AFOSR 68-1636	HONNELL J M AFOSM 67-1001	HUTCHINS P ARL 68-0203U	HOYING J D AFOSR 67-0372 AFOSM 67-1639
HOLEN G H ARL 67-0121	HONNELL J M AFOSM 67-1001	HUTCHINS D G AFOSM 68-0715 AFOSM 68-1630	HOYING J D AFOSR 67-0372 AFOSM 67-1639
HOLGIAN L P JR AFOSM 67-0152	HONNELL J M AFOSM 67-1001	HUTCHINS C L AFOSR 68-1080	HOYING J D AFOSR 67-0372 AFOSM 67-1639
HOLLE D W AFCHL 67-0009 AFCHL 68-0287 AFCHL 68-0346	HONNELL J M AFOSM 67-1001	HUTCHINS J AFCHL 67-0160 AFCHL 68-0213	HOYING J D AFOSR 67-0372 AFOSM 67-1639
HOLLE H J AFCHL 68-0451	HONNELL J M AFOSM 67-1001	HUTCHINS J W AFCHL 68-0224	HOYING J D AFOSR 67-0372 AFOSM 67-1639
HOLLENNANN B AFCHL 68-0152 AFCHL 68-0418	HONNELL J M AFOSM 67-1001	HUTCHINS C ARL 67-0012	HOYING J D AFOSR 67-0372 AFOSM 67-1639
HOLLINGER L A AFCHL 67-0023 AFCHL 67-0346	HONNELL J M AFOSM 67-1001	HUTCHINS F P AFOSM 67-0520 AFOSM 67-2230 AFOSM 68-0572 AFOSM 68-1789	HOYING J D AFOSR 67-0372 AFOSM 67-1639

BRACE D H ARL 67-0244V	BRADY A M AFCHL 67-1027 AFCHL 67-0349	BRICE N AFOSH 67-1054	AFOSH 66-1452
BRADDE R AFCHL 67-0575 AFCHL 68-0022	BRADSHAW J AFOSH 67-1838	BRICE N M AFOSH 67-1055	BRIDGES M A AFCHL 67-0239
BRAMMER K G ARL 67-0003	BRAY A J AFOSH 67-1130 AFOSH 67-1730	BRICE D H AFOSH 67-1555	BRIDGEMAN M H AFOSH 67-2436
BRAMON A AFOSH 66-0107 AFOSH 66-0103 AFOSH 66-1003	BRAYTON R K AFOSH 67-0643 AFOSH 67-0674	BRIDGES J C AFOSH 67-1415	BRIDGES P J AFCHL 67-0604 AFCHL 68-0547
BRAMSEN J AFOSH 67-0494	BRIDGES J G AFOSH 67-2220 AFOSH 67-0351	BRIDGES E AFOSH 67-0110	BRIDGEMAN R AFOSH 68-1741
BRAMSON A S AFCHL 67-0403	BRIDGES D L AFOSH 67-1142	BRIDGES D H AFOSH 67-2411	BRIDGEMAN P AFOSH 67-0355 AFOSH 67-1656 AFOSH 67-2784 AFOSH 67-2785 AFOSH 67-2786 AFOSH 68-0474
BRANDAS L AFOSH 67-2781 AFOSH 67-2578	BRIDGES R G JR AFCHL 67-0249 AFCHL 67-0152	BRIDGES H A ARL 67-0231 ARL 67-0248 ARL 67-0249 ARL 67-0149 ARL 67-1107A	BRIDGEMAN F K AFOSH 67-1565
BRANDMAIER H F ARL 67-0024U	BRIDGES R J JR AFCHL 67-0091	BRIDGES C JR AFOSH 67-1565 AFOSH 67-1589	BRIDGEMAN F P AFOSH 67-2301
BRANDSTETTER A AFOSH 67-0272	BRIDGES G AFOSH 67-1345 AFOSH 67-0124 AFOSH 67-0214	BRIDGES R N AFOSH 67-1199	BRIDGES C W AFOSH 67-1575
BRANDT D AFOSH 67-1632	BRIDGES J C AFOSH 67-2742	BRIDGES H H AFOSH 67-1011 AFOSH 67-1637	BRIDGES C C AFCHL 67-0550
BRANDT H A AFOSH 67-2108 AFOSH 67-2615 AFOSH 67-2635 AFOSH 67-1168	BRIDGES M C ARL 67-0106 ARL 67-1276L ARL 67-0292V	BRIDGES C H AFOSH 67-0163	BRIDGES M L AFOSH 67-0177
BRANDT J A AFCHL 67-0236	BRIDGES A AFCHL 67-0140 AFCHL 67-0216	BRIDGES C V AFOSH 67-1303	BRIDGES G D JR AFCHL 67-0603
BRANNEN C AFOSH 67-0114	BRIDGES J AFCHL 67-0140 AFCHL 67-0216	BRIDGES F AFOSH 67-1243 AFOSH 67-1294 AFOSH 67-1306	BRIDGES J S AFOSH 67-0484 AFOSH 67-1781 AFOSH 67-1783
BRANSKY I ARL 67-0137W ARL 67-0137V ARL 67-0137W ARL 67-0137W ARL 67-0137W ARL 67-0137W ARL 67-0137W	BRIDGES J M AFOSH 67-1110 AFOSH 67-1318	BRIDGES J H AFOSH 67-1181 AFOSH 67-2740 AFOSH 67-0900 AFOSH 67-2741	BRIDGES L W ARL 67-0070U ARL 68-0096U
BRANSKY J AFOSH 67-0154	BRIDGES J G AFOSH 67-2093	BRIDGES D AFOSH 67-2864	BRIDGES H H AFOSH 67-0634 AFOSH 67-1100 AFOSH 67-1797 AFOSH 67-1811 AFOSH 67-2398
BRANT D A AFOSH 67-0551 AFOSH 67-0552 AFOSH 67-2513	BRIDGES W AFCHL 67-0151	BRIDGES J AFOSH 67-1027	BRIDGES R N AFOSH 67-1019 AFOSH 67-0022
BRATYNG D M AFCHL 67-0154	BRIDGES H AFOSH 67-1307	BRIDGES J L ARL 67-0193V ARL 67-0329V	BRIDGES H R AFOSH 67-1374 AFOSH 67-1389 AFOSH 67-0484 AFOSH 67-0485 AFOSH 67-0486 AFOSH 67-1224
BRATZEL M P AFOSH 67-1803	BRIDGES M A AFOSH 67-0440 AFOSH 67-0441 AFOSH 67-0442 AFOSH 67-1247	BRIDGES J AFOSH 67-2248	BRIDGES J J ARL 67-10081
BRATZEL M J JR AFOSH 67-2912	BRIDGES M F ARL 67-1063U ARL 67-0120U ARL 67-0020U ARL 67-0110U ARL 67-1015H	BRIDGES J L AFOSH 67-0543 AFOSH 67-0544	BRIDGES M D JR AFOSH 67-0484 AFOSH 67-2477
BRATZEL A AFOSH 67-0644	BRIDGES D F AFOSH 67-2320	BRIDGES E A AFOSH 67-0024	BRIDGES A AFOSH 67-0636
BRATZEL D AFOSH 67-0301 AFOSH 67-0304	BRIDGES J AFOSH 67-2735 AFOSH 67-0705	BRIDGES K AFOSH 67-1184	BRIDGES J C AFOSH 67-1674
BRATZEL H G AFOSH 67-0245	BRIDGES J AFOSH 67-2735 AFOSH 67-0705	BRIDGES J A AFOSH 67-2336	BRIDGES D H JR AFOSH 67-0568 AFOSH 67-0591
BRATZEL J I AFOSH 67-0710 AFOSH 67-0715	BRIDGES J AFOSH 67-2735 AFOSH 67-0705	BRIDGES J M L AFOSH 67-1033	

BRUNING J
AFOSH 68-2181

BRUNING R A
AFOSH 67-1910

BRUNING R S
AFOSH 68-1965
AFOSH 68-2073

BRUNAKR N M
AFOSH 68-0786

BRUCH M E
AFOSH 67-3387
AFOSH 67-3390
AFOSH 68-1133
AFOSH 68-1336
AFOSH 68-2018

BRUCH A
AFCHL 68-0373

BRUCKER E J
AFOSH 68-0182

BRUNE J N
AFOSH 67-2143
AFOSH 68-1481

BRUNFELT M
AFOSH 68-2709
AFOSH 68-2718

BRUNK H D
AFOSH 67-1017
AFOSH 68-1145

BRUND P S
AFOSH 68-1266

BRUNORI M
AFOSH 67-1806
AFOSH 67-1841
AFOSH 68-2699

BRyant E C
AFOSH 67-0980

BRyant W M III
AFOSH 67-1635

BUCCI C
AFOSH 67-1333
AFOSH 68-2763

BUCCIARCELLI L L JR
AFOSH 67-2508

BUCCIARCELLI L L JR
AFOSH 67-1945
AFOSH 68-2672

BUCHANAN H
AFCHL 67-0184

BUCHANAN G E
AFOSH 67-0336
AFOSH 67-0110
AFOSH 67-0667
AFOSH 68-2733

BUCHANAN M T
AFCHL 67-0617

BUCHARD J
AFCHL 68-1107

BUCHHEIMER G H R
AFCHL 68-0818

BUDE P H S
AFOSH 67-1760
AFOSH 67-1843
AFOSH 68-2343
AFOSH 68-2671

BUCKENH H R
AFOSH 68-2148
AFOSH 68-2169

BUCKEN M G
AFCHL 68-0307

BUCKE C H
ANL 68-0349V

BUCKE E C
AFCHL 67-0394

BUCKE G H
ANL 67-0114V
ANL 67-0225V
ANL 67-1242A
ANL 68-1067A

BUENKER P J
AFOSH 67-2864
AFOSH 67-2467
AFOSH 67-2468

BUER J E
AFCHL 67-0102

BUERLEI A M
AFCHL 67-2195

BUERLEI H W
AFOSH 68-2103

BUERLEI H T
AFCHL 67-0238
AFCHL 68-0131
AFCHL 68-0187
AFCHL 68-0620

BUERLEIGH P
AFOSH 67-1524

BUERLEIGH R
AFCHL 67-0407
AFCHL 68-0145

BUENMAN J
AFOSH 67-2323
AFOSH 67-2127
AFOSH 68-2692

BUENKOP J P
AFOSH 67-2716

BUENAMICE M
AFOSH 68-2709
AFOSH 68-2717
AFOSH 68-2718

BUNCH H R
AFOSH 67-0671
AFOSH 67-2627
AFOSH 68-2186
AFOSH 68-2187
AFOSH 68-2188

BUNGWART D J
ANL 68-02711

BURCHES H N
AFCHL 67-0140

BURKE C A
AFCHL 68-2327
AFCHL 68-2302

BURKE J F
AFCHL 67-0428
AFCHL 68-0423

BURKE C J
AFOSH 67-1381

BURKEIN L
ANL 68-1848A

BUNLING J H
AFOSH 67-2804

BUNLITCH J W
AFOSH 67-0736
AFOSH 67-1133
AFOSH 67-2441

BUNN N
AFOSH 67-2329

BURNALL E
AFCHL 68-0117

BURNSTON E E
AFOSH 68-0816

BURNS G
AFOSH 67-2655
AFOSH 68-0667
AFOSH 68-0790
AFOSH 68-2756

BURSTEIN E
AFOSH 68-0912
AFOSH 68-0997
ANL 67-1300M

BURTON D A
AFCHL 67-0205
AFCHL 67-3336
AFCHL 67-0344
AFCHL 68-0010
AFCHL 68-0536

BURTON C S
AFOSH 68-2011
AFOSH 68-2071

BURNELL R L JR
AFOSH 68-0635

BUSCA G
AFOSH 67-1056
AFOSH 67-2785
AFOSH 67-2786

BUSHEL H G
AFOSH 67-2076

BUSSEY G R
AFOSH 67-0102
AFOSH 67-2703

BUSTIN D E
AFOSH 67-2657

BUTLER G H
AFOSH 68-0235

BUTLER J N
AFCHL 67-0331
AFCHL 68-0182
AFCHL 68-0560

BUTT J D
ANL 68-1380C

BUTTSFIELD D D
AFOSH 68-1487

BUTTS D J A
AFOSH 68-0451

BUTTS A
AFCHL 67-1186

BUTTS R J
AFOSH 67-0165

BUTTS H H
AFOSH 67-2651

BUTTS J A
AFOSH 67-2677
AFOSH 67-2728

AFOSH 68-1174

BYRNE J H
AFCHL 67-0329

BYRON F W JR
AFOSH 67-0646
AFOSH 67-2378
AFOSH 67-2241

BYRON-SCOTT
AFCHL 67-0344

CABINHO N
AFOSH 67-0276
AFOSH 67-2742

CABRE R
AFOSH 67-2070

CABRERA N
AFOSH 68-1400

CACIARILLOS T N
AFOSH 67-1084

CADZOW J A
AFOSH 68-1350

CALNINA S F
AFCHL 68-0321

CAMILL P
AFOSH 67-2674
AFOSH 67-2736
AFOSH 68-0146
AFOSH 68-1758

CANY J H
AFCHL 67-0181

CATANIELLO F R
AFOSH 67-1505

CALABE L
AFCHL 67-0345
AFCHL 67-0124
AFCHL 67-0541
AFCHL 67-0541
AFCHL 68-0025

CALABRO D
AFOSH 68-1146

CALAHAN D A
AFOSH 68-1149
AFOSH 68-2142

CALATS J E
AFOSH 67-1421
AFOSH 67-1833
AFOSH 67-1833
AFOSH 67-1970
AFOSH 68-1064
AFOSH 68-2554

CALABRESE W
ANL 68-1115H

CALABRESE A M
AFOSH 67-1102

CALABRESE M A
AFOSH 67-1654

CALABRESE T W
AFOSH 68-0174

CALABRESE T E
ANL 67-1004

CALABRESE A
AFCHL 67-1140

D. Aerospace Research Laboratories - ARL

<p>ARL 67-00017 AEROSPACE RESEARCH LABORATORIES ELLIPTIC FUNCTIONS FOR COMPLEX ARGUMENTS FINAL REPORT JAN 1967</p> <p>BY FETTS H E CASLIN J C</p> <p>JAR ACCESS NO.....210310-003 DOC NUMBER.....AD650477 INSTR...ARL-7071-00-14 PROJECT.....7071</p>	<p>ARL 67-0010U SYSTEMS RESEARCH LABORATORIES INC THE ELECTRICAL CONDUCTIVITY OF CERAMICS ITS MEASUREMENT AND INTERPRETATION 580-B DEC 1966</p> <p>BY VEST R B</p> <p>JAR ACCESS NO.....209161-003 DOC NUMBER.....AD646958 INSTR...AF-33/615/02765 PROJECT.....7021</p>
<p>ARL 67-0002U BATTTELLE MEMORIAL INSTITUTE DEVELOPMENT AND APPLICATION OF METHODS FOR ANALYSES OF RESEARCH MATERIALS FINAL REPORT JAN 1967</p> <p>BY HENRY B H HEFFELFINGER R E</p> <p>JAR ACCESS NO.....209100-001 DOC NUMBER.....AD649761 INSTR...AF-33/615/08108 PROJECT.....7021</p>	<p>ARL 67-0012U STANFORD UNIVERSITY LANDAU WAVES FINAL REPORT JAN 1967</p> <p>BY SIMONEN T C</p> <p>JAR ACCESS NO.....208510-002 DOC NUMBER.....AD651461 INSTR...AF-33/615/01504 PROJECT.....7073</p>
<p>ARL 67-0003T AEROSPACE RESEARCH LABORATORIES LAMINAR PARALLEL PLATE FLOW WITH ARBITRARY THERMAL CONDITIONS FINAL REPORT JAN 1967</p> <p>BY CRAMER K R</p> <p>JAR ACCESS NO.....209740-006 DOC NUMBER.....AD649596 INSTR...ARL-7063-00-01 PROJECT/TASK.....7063/01</p>	<p>ARL 67-0013U RESEARCH TRIANGLE INSTITUTE THE SELECTION OF SEQUENCES OF TWO-LEVEL FACTORIAL PLANS JANUARY 1967</p> <p>BY ADDELMAN S</p> <p>JAR ACCESS NO.....210730-001 DOC NUMBER.....AD651461 INSTR...AF-33/615/03407 PROJECT.....7071</p>
<p>ARL 67-0004U MONSANTO RESEARCH CORPORATION INVESTIGATION OF HIGH TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES JANUARY 1967</p> <p>BY ROSS V D HARRIS G W</p> <p>JAR ACCESS NO.....207921-002 DOC NUMBER.....AD649618 INSTR...AF-33/615/01176 PROJECT.....7023</p>	<p>ARL 67-0014T AEROSPACE RESEARCH LABORATORIES TABLE OF HARTREE-FOCK SELF CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT III FINAL REPORT JAN 1967</p> <p>BY KRUEGER T K MCDAVID W L CZYKAK S J</p> <p>JAR ACCESS NO.....210440-007 DOC NUMBER.....AD651072 INSTR...ARL-7114-00-01 PROJECT.....7114</p>
<p>ARL 67-0005U TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY THE FLOW FIELD IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO-DIMENSIONAL WEDGE-PLATE MODEL TAE REPORT 84 AUG 1966</p> <p>BY RON J SEGINER A KRONZON J</p> <p>JAR ACCESS NO.....207860-003 DOC NUMBER.....AD647748 INSTR...AF-61/052/00576 PROJECT.....7063</p>	<p>ARL 67-0015U STATE UNIVERSITY OF NEW YORK INFRARED RADIATIVE HEAT TRANSFER IN NONGRAY GASES JANUARY 1967</p> <p>BY CESS R D MICHODLL P TIBARI S N</p> <p>JAR ACCESS NO.....209600-001 DOC NUMBER.....AD651218 INSTR...AF-33/615/03104 PROJECT.....7063</p>
<p>ARL 67-0006U MIDWEST RESEARCH INSTITUTE AN EXPERIMENTAL STUDY ON THE AEROELASTIC STABILITY OF THIN CYLINDRICAL SHELLS AT THE LOWER SUPERSONIC MACH NUMBERS FINAL REPORT JAN 1967</p> <p>BY STEARMAN R O</p> <p>JAR ACCESS NO.....207830-001 DOC NUMBER.....AD647748 INSTR...AF-33/615/01740 PROJECT.....7063</p>	<p>ARL 67-0016U NORTHWESTERN UNIVERSITY ARGON ELECTRON TRANSITION TABLES JANUARY 1967</p> <p>BY WRIGHT A E EVANS D L TANKIN R S CAMBEL A B</p> <p>JAR ACCESS NO.....207530-005 DOC NUMBER.....AD651077 INSTR...AF-33/615/01160 PROJECT.....7063</p>
<p>ARL 67-0007U AVCO CORP INTERACTION OF AN H.G.M CURRENT ELECTRICAL DISCHARGE WITH ITS SELF-INDUCED MAGNETIC FIELD IN THE PRESENCE OF GAS FLOW FINAL REPORT JAN 1967</p> <p>BY MALLIARIS A C</p> <p>JAR ACCESS NO.....209700-001 DOC NUMBER.....AD657339 INSTR...AF-33/615/11310 PROJECT.....7063</p>	<p>ARL 67-0017U UNIVERSITY OF TORONTO SPECIFIC HEAT RATIOS AND ISENTROPIC EXPONENTS FOR CONSTANT VOLUME COMBUSTION OF STOICHIOMETRIC MIXTURES OF HYDROGEN-OXYGEN DILUTED WITH HELIUM OR HYDROGEN UTIAS T N 102 JAN 1967</p> <p>BY DENOIT A</p> <p>JAR ACCESS NO.....207201-003 DOC NUMBER.....AD652194 INSTR...AF-33/615/02766 PROJECT.....7065</p>
<p>ARL 67-0008U CURTISS-WRIGHT CORPORATION RESEARCH ON POWER GENERATION ELECTROGASDYNAMIC ENERGY CONVERSION FINAL REPORT 15 APRIL 1966</p> <p>BY BRANDMAIER H E DINROCK T H KAHN B</p> <p>JAR ACCESS NO.....209460-001 DOC NUMBER.....AD651823 INSTR...AF-33/615/02761 PROJECT.....7110</p>	<p>ARL 67-0018U UNIVERSITY OF TORONTO MULTIPOINT INITIATED IMPLSIONS FROM HEMISPHERICAL SHELLS OF SHEET EXPLOSIVE UTIAS TECHNICAL NOTE NO 99 JAN 1967</p> <p>BY KENNEDY J E GLASS I I</p> <p>JAR ACCESS NO.....207201-004 DOC NUMBER.....AD643669 INSTR...AF-33/615/02766 PROJECT.....7065</p>
<p>ARL 67-0009U PRINCETON UNIVERSITY RESEARCH ON HYPERSONIC FLOWS FINAL REPORT JAN 1967</p> <p>BY BOGDANOFF S I</p> <p>JAR ACCESS NO.....207381-002 DOC NUMBER.....AD651477 INSTR...AF-33/615/01079 PROJECT.....7064</p>	<p>ARL 67-0019U UNIVERSITY OF TORONTO PROPERTIES OF CHAPMAN-JOUQUET DETONATIONS IN STOICHIOMETRIC HYDROGEN-OXYGEN MIXTURES DILUTED WITH HELIUM AND HYDROGEN UTIAS TECHNICAL NOTE 104 JAN 1967</p> <p>BY BENOIT A</p> <p>JAR ACCESS NO.....207201-005 DOC NUMBER.....AD644005 INSTR...AF-33/615/02766 PROJECT.....7065</p>

ARL 67-0020U
CANADIAN COMMERCIAL CORP
DIAGNOSTICS OF PLASMA BY LARGE ANGLE LASER
SCATTERING
BY SHKAROVSKY I P
DAR ACCESS NO.....209320-003
DDC NUMBER.....AD683548
INSTR...AF-33/615/02196
PROJECT.....7073

ARL 67-0021U
ROCKETDYNE
RESULTS ON NON-ORTHOGONAL INCOMPLETE FACTORIAL DESIGNS
BY WEBB S R
DAR ACCESS NO.....209560-002
DDC NUMBER.....AD683592
INSTR...AF-33/615/02818
PROJECT.....7071

ARL 67-0022U
ROCKETDYNE
SMALL INCOMPLETE FACTORIAL EXPERIMENT DESIGNS FOR TWO AND
THREE LEVEL FACTORS
BY WEBB S R
DAR ACCESS NO.....209560-003
DDC NUMBER.....AD683573
INSTR...AF-33/615/02818
PROJECT.....7071

ARL 67-0023U
ROCKETDYNE
RESULTS ON LOCATION AND SCALE PARAMETER ESTIMATION WITH
APPLICATION TO THE EXTREME-VALUE DISTRIBUTION
FEBRUARY 1967
BY MANN H R
DAR ACCESS NO.....209560-004
DDC NUMBER.....AD683575
INSTR...AF-33/615/02818
PROJECT.....7071

ARL 67-0024V
AEROSPACE RESEARCH LABORATORIES
SIMPLE METHOD FOR MAKING SULFUR TARGETS
THE REVIEW OF SCIENTIFIC INSTRUMENTS VOL 37 NO 11 1605-1606
NOV 1966
BY WATSON D O
DAR ACCESS NO.....210440-008
DDC NUMBER.....AD683998
INSTR...ARL-7114-00-01
PROJECT.....7114

ARL 67-0025V
AEROSPACE RESEARCH LABORATORIES
A STUDY OF THE NICKEL /110/ SURFACE USING LOW ENERGY
ELECTRON DIFFRACTION TECHNIQUES
SURFACE SCIENCE 5 345-358 /1966/
BY HAAS T W
DAR ACCESS NO.....209640-004
DDC NUMBER.....AD683899
INSTR...ARL-7023-00-01
PROJECT.....7023

ARL 67-0026V
AEROSPACE RESEARCH LABORATORIES
EFFECT OF TRANSLATIONAL ENERGY ON ION-MOLECULE REACTION
RATES
ADVANCES IN CHEMISTRY SERIES NUMBER 58 PP107-130 1966
BY FURRELL J M
ABRAMSON F P
DAR ACCESS NO.....209730-009
DDC NUMBER.....AD683652
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-0027V
AEROSPACE RESEARCH LABORATORIES
POINT INTERVAL ESTIMATION FROM ONE-ORDER STATISTIC OF THE
LOCATION PARAMETER OF AN EXTREME-VALUE DISTRIBUTION WITH
KNOWN SCALE PARAMETER AND OF THE SCALE PARAMETER OF A
IEEE TRANSACTIONS ON RELIABILITY VOL R-15 NO 3 DECEMBER
1966
BY MOORE A M
HARTER H L
DAR ACCESS NO.....210280-007
DDC NUMBER.....AD683701
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-0028V
AEROSPACE RESEARCH LABORATORIES
2-CYCLOHEXYLETHYLTRICYCLOHEXYLSILANE FORMATION OF
CYCLOHEXYLLITHIUM FROM THE CLEAVAGE OF ETHYL ETHER BY
CYCLOHEXYLLITHIUM
JOURNAL OF ORGANIC CHEMISTRY 31 PP 4263-4264 1966
BY SPIALTER L
HARRIS C W
DAR ACCESS NO.....209720-005
DDC NUMBER.....AD683400
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-0029V
AEROSPACE RESEARCH LABORATORIES
NAVIGATIONAL FIELDS IN FINITE AND CONFORMAL BOUNDARY FRAMES
THE PHYSICAL REVIEW VOL 150 NO 4 1039-1053 28 OCTOBER 1966
BY TANHURINO L A
WINICOUR J H
DAR ACCESS NO.....210490-001
DDC NUMBER.....AD684965
INSTR...ARL-7114-00-06
PROJECT.....7114

ARL 67-0030V
AEROSPACE RESEARCH LABORATORIES
AN INVESTIGATION OF AERODYNAMIC CONTROLS AT HYPERSONIC MACH
NUMBERS FINAL REPORT MAY 1967
BY FIORE A W
DAR ACCESS NO.....209870-002
DDC NUMBER.....AD687285
INSTR...ARL-7064-00-03
PROJECT.....7064

ARL 67-0031V
AEROSPACE RESEARCH LABORATORIES
AN EXPERIMENTAL STUDY OF SUPERSONIC FLOW OVER A REARWARD
FACING STEP
AIAA JOURNAL VOL 5 NO 1 JAN 67
BY SCHERBENG M G
SMITH M E
DAR ACCESS NO.....169740-008
DDC NUMBER.....AD683854
INSTR...ARL-7063-00-01
PROJECT.....7063

ARL 67-0032V
AEROSPACE RESEARCH LABORATORY
PHONON COUPLING IN EDGE EMISSION AND PHOTOCONDUCTIVITY OF
COSE CDS AND CO/SE S
THE PHYSICAL REVIEW VOL 152 NO 2 788-796 9 DECEMBER 1966
BY LANGER D S
PARK Y S
EUMEMA R N
DAR ACCESS NO.....210560-006
INSTR...ARL-7885-00-02
PROJECT/TASK.....7885/00

ARL 67-0033V
AEROSPACE RESEARCH LABORATORIES
NUCLEI OF LOW TO MEDIUM MASS
PHYSICS TODAY VOL 19 NO10 OCTOBER 1966
BY HARRIS G I
GOLDHAMMER P
DAR ACCESS NO.....210420-008
DDC NUMBER.....AD685923
INSTR...ARL-7112-00-01
PROJECT/TASK.....7112/0

ARL 67-0034V
AEROSPACE RESEARCH LABORATORIES
FREE ENERGY OF FORMATION OF COPRIC OXIDE
JOURNAL OF THE ELECTROCHEMICAL SOCIETY VOL114 NO1 PP30-31
JAN 67
BY HOWELL L R
DAR ACCESS NO.....209960-002
DDC NUMBER.....AD683703
INSTR...ARL-7021-00-05
PROJECT.....7021

ARL 67-0035V
NORTHROP CORP
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED
SPECTRAL INTENSITIES. PART II. ASYMMETRICAL SOURCES.
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 56, NO. 10,
PP 1305-1313, /OCTOBER 1966/
BY MALDONADO C D
OLSEN H N
DAR ACCESS NO.....209170-004
DDC NUMBER.....AD681923
INSTR...AF-33/615/01105
PROJECT.....7063

ARL 67-0036V
TECHNICON R&D FOUNDATION
CALIBRATION OF THIN FILM RESISTANCE THERMOMETERS FOR HEAT
FLUX MEASUREMENTS IN THE SHOCK TUBE
BY SEGNER A
COHEN A
ROW J
DAR ACCESS NO.....207860-004
INSTR...AF-61/052/00576
PROJECT.....7063

ARL 67-0037V
TECHNICON R&D FOUNDATION
ANALYSIS OF THE BLAR-WAKE PRESSURE IN SUPERSONIC FLOW USING
THE MOMENTUM INTEGRAL METHOD
BY ROW J
DAR ACCESS NO.....207860-005
DDC NUMBER.....AD684574
INSTR...AF-61/052/00576
PROJECT.....7063

ARL 67-0038V
NORTHROP SPACE LABORATORIES
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED
SPECTRAL INTENSITIES PART I CIRCULARLY SYMMETRIC LIGHT
SOURCES
OPTICAL SOCIETY OF AMERICA VOL 85 NO 10 1247-1254 OCTOBER
1965
BY MALDONADO C D
OLSEN H N
CARON A F
DAR ACCESS NO.....209170-003
DDC NUMBER.....AD683854
INSTR...AF-33/615/01105
PROJECT.....7063

ARL 67-0030V
AEROSPACE RESEARCH LABORATORIES
HEAT TRANSFER IN CYLINDRICAL PIPES WITH FULLY ESTABLISHED
TURBULENT FLOW AND EXPOSED TO A UNIFORM TEMPERATURE
ENVIRONMENT
JOURNAL OF HEAT TRANSFER P/PER NO 65-WA/HT-10 PP 1-7 JULY
30 1965
BY GORESH J W
OAR ACCESS NO.....210000-005
DOC NUMBER.....AD630347
INSTR...ARL-7065-00-04
PROJECT.....7065

ARL 67-0040V
AEROSPACE RESEARCH LABORATORIES
WRIGHT-PATTERSON AFB OHIO
HYDROSILYLATION OF OLEFINS
JOURNAL OF ORGANIC CHEMISTRY 32 222-223 1967
BY SPIALTER L
OBRIEN D H
OAR ACCESS NO.....209720-006
DOC NUMBER.....AD653055
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-0041V
AEROSPACE RESEARCH LABORATORIES
LOW ENERGY QUANTA IMAGE TRANSDUCERS USING A CONTROLLED
RECOMBINATION MODE
ADVANCES IN ELECTRONICS AND ELECTRON PHYSICS VOL 22 PHOTO-
ELECTRONIC IMAGE DEVICES THIRD SYMPOSIUM PUB BY ACADEMIC
PRESS 1966
BY GEBEL R K M
OAR ACCESS NO.....210570-006
DOC NUMBER.....AD653401
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 67-0042U
UNIVERSITY OF DAYTON
RESEARCH AND INVESTIGATION OF OPTICAL PROPERTIES OF SEMI
CONDUCTING CRYSTALS FINAL REPORT MARCH 1967
BY SCHNEIDER J
OAR ACCESS NO.....208971-001
DOC NUMBER.....AD653205
INSTR...AF-33/615/01257
PROJECT.....7885

ARL 67-0043U
CATHOLIC UNIVERSITY OF AMERICA
RESEARCH ON PLASMA HEAT TRANSFER FINAL REPORT MARCH 1967
BY YEN J T
OAR ACCESS NO.....212000-001
DOC NUMBER.....AD619865
INSTR...AF-33/615/03498
PROJECT.....7063

ARL 67-0044T
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES
A AGAINST CERTAIN ALTERNATIVES FINAL REPORT MARCH 1967
BY KRISHNAIAH P R
OAR ACCESS NO.....210280-005
DOC NUMBER.....AD653968
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-0045
AEROSPACE RESEARCH LABORATORIES
SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS
TRANSFER BY THE GKO MULTIMOMENT METHOD, FINAL REPORT MAR 19
67
BY BETHCL H E
OAR ACCESS NO.....209910-009
DOC NUMBER.....AD664591
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 67-0045
AEROSPACE RESEARCH LABORATORIES
SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS
TRANSFER BY THE GKO MULTIMOMENT METHOD, FINAL REPORT MAR
1967
BY BETHCL H E
OAR ACCESS NO.....209910-010
DOC NUMBER.....AD664591
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 67-0046T
AIR FORCE INSTITUTE OF TECHNOLOGY
VARIABLE CONDUCTIVITY FULLY DEVELOPED WND CHANNEL FLOW
FINAL REPORT MARCH 1967
BY KIEFFER D C
OAR ACCESS NO.....209770-001
DOC NUMBER.....AD655369
INSTR...ARL-7063-00-04
PROJECT.....7063

ARL 67-0047U
AEROSPACE RESEARCH LABORATORIES
A REVIEW OF THE STATE OF THE ART OF CYCLONE-TYPE
SEPARATORS FINAL REPORT MARCH 1967
BY PINCHAK A C
OAR ACCESS NO.....207571-003
DOC NUMBER.....AD653578
INSTR...AF-33/615/01915
PROJECT.....7116

ARL 67-0048
AEROSPACE RESEARCH LABORATORIES
THE ANALYSIS OF NOISE: NON-LINEAR DEVICES BY MEANS OF
GENERALIZED RANDOM PROCESSES FINAL REPORT MARCH 1967
BY SHANKLAND D G
OAR ACCESS NO.....210480-008
INSTR...ARL-7116-00-05
PROJECT.....7116

ARL 67-0049U
CORNELL AERONAUTICAL LABORATORY INC
CONDENSATION DROP GROWTH IN RAREFIED GASES
CAL RESEARCH NO AD-1672-A-3 MARCH 1967
BY KANG S W
OAR ACCESS NO.....208310-002
DOC NUMBER.....AD653199
INSTR...AF-33/657/08302
PROJECT.....7116

ARL 67-0050U
NEW YORK UNIVERSITY
FINITE DIFFERENCE SOLUTION OF THE LAMINAR COMPRESSIBLE
BOUNDARY LAYER EQUATIONS IN THE VON MISES VARIABLES WITH
APPLICATIONS
NYU-AA-66-50 MARCH 1967
BY KLEINSTEIN G
OAR ACCESS NO.....209300-007
DOC NUMBER.....AD653206
INSTR...AF-33/615/02215
PROJECT.....7064

ARL 67-0051T
AEROSPACE RESEARCH LABORATORIES
ON THE EXPONENTIAL MASS SPECTRUM OF ELEMENTARY PARTICLES
FINAL REPORT MARCH 1967
BY CALLAN E J.
OAR ACCESS NO.....707070-001
INSTR...ARL STAFF-AH8
PROJECT.....1300

ARL 67-0052U
NEW YORK UNIVERSITY
AN APPROXIMATE SOLUTION OF VON MISES BOUNDARY LAYER
EQUATION
NYU-AA-66-67 MARCH 1967
BY REGGIORI A
OAR ACCESS NO.....209300-008
DOC NUMBER.....AD653206
INSTR...AF-33/615/02215
PROJECT.....7064

ARL 67-0053U
UNIVERSITY OF PITTSBURGH
RESEARCH ON SOLUTIONS OF THE GRAVITATIONAL FIELD EQUATIONS
FINAL REPORT FEB 1
BY JANIS A I
NEWMAN E T
OAR ACCESS NO.....208761-001
DOC NUMBER.....AD653581
INSTR...AF-33/615/01523
PROJECT.....7114

ARL 67-0054T
HYPERSONIC RESEARCH LABORATORY
SIMILARITY SOLUTIONS FOR THE RETARDED COMPRESSIBLE
BOUNDARY LAYER WITH HEAT AND MASS TRANSFER FINAL REPORT
MARCH 1967
BY BALL K O W
OAR ACCESS NO.....209900-001
DOC NUMBER.....AD653181
INSTR...ARL-7064-00-06
PROJECT.....7064

ARL 67-0055U
AEROSPACE RESEARCH LABORATORIES
A REVIEW OF DISPERSION RELATIONS FOR LOW FREQUENCY WAVES IN
QUIESCENT MAGNETO PLASMAS FINAL REPORT MARCH 1967
BY ANTON H S
FRIZ W
OAR ACCESS NO.....210300-001
DOC NUMBER.....AD653589
INSTR...ARL-7073-00-04
PROJECT.....7073

ARL 67-0056T
AEROSPACE RESEARCH LABORATORIES
THE FLOW FIELD AND HEAT TRANSFER DOWNSTREAM OF A REARWARD
FACING STEP IN SUPersonic FLOW FINAL REPORT MARCH 1967
BY SMITH H F
OAR ACCESS NO.....204750-001
DOC NUMBER.....AD653370
INSTR...ARL-7063-00-02
PROJECT.....7063

ARL 67-0057U
TECHNISCHE HOCHSCHULE AACHEN
INTERACTIONS OF FREE-BURNING ARCS WITH TRANSVERSE GAS FLOWS
AND MAGNETIC FIELDS
BY FUECKS W
FISCHER E
WILFENBUSCH J
OAR ACCESS NO.....207870-002
DOC NUMBER.....AD650270
INSTR...AF-61/057/00805
PROJECT.....7063

ARL 67-0058U
ILLINOIS INSTITUTE OF TECHNOLOGY
RESEARCH ON MIXING IN COAXIAL STREAMS FINAL REPORT MARCH 1967
BY ECUJER A A
TOMDA T P
MUEHMAN L I
GHIA R N
HERMANN B G
DAR ACCESS NO.....208110-001
DOC NUMBER.....AD654014
INSTR...AF-33/615/01024
PROJECT.....7110

ARL 67-0059T
APPLIED MATHEMATICS RESEARCH LABORATORY
THEORY AND TABLE FOR TESTS OF HYPOTHESES CONCERNING THE
MEAN AND THE VARIANCE OF A WEIBULL POPULATION FINAL REPORT
MARCH 1967
BY HANTER H L
DUBEY S D
DAR ACCESS NO.....210280-006
DOC NUMBER.....AD653593
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-0060U
PLASMA SCIENCES LABORATORIES INC
DETERMINATION OF DEPARTURES FROM LOCAL THERMODYNAMIC
EQUILIBRIUM IN ARC PLASMAS FINAL REPORT MARCH 1967
BY OLSEN H A
HEDJAI G
MANTONILL R F
DAR ACCESS NO.....210640-001
DOC NUMBER.....AD655134
INSTR...AF-33/615/05142
PROJECT.....7073

ARL 67-0061U
UNIVERSITY OF COPENHAGEN
THEORY OF CHEMICAL KINETICS II FINAL REPORT 1966
BY DAK T A
FISHER E H
NYELAND C
DAR ACCESS NO.....208161-002
DOC NUMBER.....AD650313
INSTR...AF-61/052/00697
PROJECT.....7023

ARL 67-0062U
UNIVERSITY OF TEXAS
RESEARCH ON PLASMA DIAGNOSTIC METHODS FOR HIGH TEMPERATURE
PLASMA RESEARCH FINAL REPORT MARCH 1967
BY DOUGAL A A
FRIEDRICH O M JR
HAGLER M C
MAYHALL D J
ROBERTS H N
DAR ACCESS NO.....208041-002
DOC NUMBER.....AD658752
INSTR...AF-33/615/03124
PROJECT.....7073

ARL 67-0063U
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
NOTE ON THE CONCEPT OF SLUNT TRAILING EDGE BLADES
BY CHAUVIN J
WUEGELMANS F
DAR ACCESS NO.....209382-002
DOC NUMBER.....AD650506
INSTR...AF-FOAR-0006-05
PROJECT.....7067

ARL 67-0065T
AEROSPACE RESEARCH LABORATORIES
THRUST AUGMENTATION FOR V-STOL ARLS RESEARCH AND CONCEPTS
FINAL REPORT MARCH 1967
BY VON OHAIN H J P
CAMPHILL W S
DAR ACCESS NO.....210520-001
DOC NUMBER.....AD653325
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 67-0067V
AEROSPACE RESEARCH LABORATORIES
NEW MEDIUM EMULATES OF NEWTONIAN FLUIDITY
BY CHATTERJEE S C
SIEVERSON R F
DAR ACCESS NO.....209700-200
DOC NUMBER.....AD653704
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-0067T
AEROSPACE RESEARCH LABORATORIES
PHOTOCATHODE-FLITER COMBINATION RESPONSE CURVES AND TABLES
FINAL REPORT MARCH 1967
BY DE G L
DAR ACCESS NO.....210370-005
INSTR...ARL-7005-00-03
PROJECT.....7005

ARL 67-0068T
AEROSPACE RESEARCH LABORATORIES
ON THE PROBLEM OF HEAT CONDUCTION IN A CONTINUOUS CYLINDER
FINAL REPORT APRIL 1967
BY KOTIYAR S M
DAR ACCESS NO.....210700-004
DOC NUMBER.....AD653711
INSTR...ARL-7005-00-04
PROJECT.....7005

ARL 67-0080U
CORNELL AERONAUTICAL LABORATORY
RESEARCH ON ADVANCED GAS DYNAMIC TEST
FACILITIES FINAL REPORT APRIL 1967
BY DAIBER J R
STODOLAND F J
THOMPSON H M
HEMM H G
DAR ACCESS NO.....207290-004
DOC NUMBER.....AD651778
INSTR...AF-33/615/08860
PROJECT.....7085

ARL 67-0070U
EAGLE-PICHER CO
RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI
COMPOUNDS
BY FARRIG H M
NEBB R N
URDIN L W
DAR ACCESS NO.....208952-001
INSTR...AF-33/615/01447
PROJECT.....7085

ARL 67-0071U
UNIVERSITY OF MICHIGAN
CONDENSATION IN A RAPIDLY EXPANDING METAL VAPOR-INCIDENT GAS
MIXTURE FINAL REPORT APRIL 1967
BY SHEWMAN P M
MCBRIDE D D
OKTAY E
DAR ACCESS NO.....209921-002
DOC NUMBER.....AD656708
INSTR...AF-33/615/02307
PROJECT.....7116

ARL 67-0073V
AEROSPACE RESEARCH LABORATORIES
PASSIVE SHIFT OF THE CR LEVELS IN AL SURF D SURF
J PHYS CHEM SOLIDS VOL 28 PP463-465 1967
BY LANGER D W J
FUBENA M A
DAR ACCESS NO.....210500-004
DOC NUMBER.....AD653658
INSTR...ARL-7005-00-02
PROJECT.....7005

ARL 67-0074V
AEROSPACE RESEARCH LABORATORIES
REPLY BY AUTHOR TO M F HERTHANS COMMENT
SPACECRAFT AND ROCKETS 1967
BY FLORE A W
DAR ACCESS NO.....209870-003
DOC NUMBER.....AD656152
INSTR...ARL-7004-00-03
PROJECT.....7004

ARL 67-0075V
AEROSPACE RESEARCH LABORATORIES
PRODUCTION OF ULTRAHIGH VACUUM BY FLASHED GETTERS
THE JOURNAL OF VACUUM SCIENCE AND TECHNOLOGY VOL 4 NO 1
FEB 1967
BY JACKSON A G
HAAS T W
DAR ACCESS NO.....209680-005
DOC NUMBER.....AD650950
INSTR...ARL-7023-00-01
PROJECT.....7023

ARL 67-0076U
HUGHES UNIVERSITY
THE EFFECT OF WALL TEMPERATURE ON THE LOW REYNOLDS NUMBER
HYPERSONIC STAGNATION REGION SHOCK LAYER
INTERNATIONAL JNL OF HEAT AND MASS TRANSFER VOL 10 NO 1
DEC 1967
BY LIU J T C
DAR ACCESS NO.....209630-004
DOC NUMBER.....AD653659
INSTR...AF-44/7034/01231
PROJECT.....7004

ARL 67-0077V
AEROSPACE RESEARCH LABORATORIES
THE METAL ION REDUCTION OF THIS 224-MENTANEDICATOR
COALIT 2112
INORGANIC CHEMISTRY 6 171 1967
BY LINCK R G
SULLIVAN J C
DAR ACCESS NO.....209700-013
DOC NUMBER.....AD659920
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-0078V
AEROSPACE RESEARCH LABORATORIES
DIFFUSION MEASUREMENTS INVOLVING DISCONTINUOUS INTERFACIAL
CONTACT
PHYSICS STAT SOL 20 K21 1967
BY NICHARDS K J
CHAMER K H
DAR ACCESS NO.....210000-002
DOC NUMBER.....AD656153
INSTR...ARL-7021-00-04
PROJECT/IASM.....7021/20

ARL 67-0079V
AEROSPACE RESEARCH LABORATORIES
THE RELATIVE CLEAVAGE OF ORGANOSILANES III 2706 AND THE
SILICON-ALKYL-BENZYL-HYDROGEN AND -HYDROXY-MENES
INORGANIC CHEMISTRY 5 1775 1966
BY SPALTEEN L
AUSTIN J D
DAR ACCESS NO.....209720-004
DOC NUMBER.....AD653706
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-0080B
AEROSPACE RESEARCH LABORATORIES
SOME PROCEDURES FOR SELECTION OF MULTIVARIATE NORMAL
POPULATIONS BETTER THAN A CONTROL
REPRINTED FROM MULTIVARIATE ANALYSIS 1966
BY KRISHNAIAH P R
MASEFD RIZVI M
(CAR ACCESS NO).....204470-001
DDC NUMBER.....AD653660
INSTR.....AF-33/615/03016
PROJECT.....7071

ARL 67-0081V
AEROSPACE RESEARCH LABORATORIES
EFFECTS OF ELECTRON BOMBARDMENT ON SINGLE-CRYSTAL COSE AT
77 DEGREES K
JOURNAL OF APPLIED PHYSICS VOL 37 NO 13 PP4936-4938
DECEMBER 1966
BY KULP M A
(CAR ACCESS NO).....210560-005
DDC NUMBER.....AD653664
INSTR.....ARL-7071-00-11
PROJECT.....7071

ARL 67-0082V
AEROSPACE RESEARCH LABORATORIES
SPATIAL INHOMOGENEITIES IN THE PULSED GLOW DISCHARGE
OPTICAL SOCIETY OF AMERICA VOL 96 NO11 1565-1567
NOVEMBER 1966
BY PAND D N
GAWSCADDEN A
(CAR ACCESS NO).....210580-008
DDC NUMBER.....AD653661
INSTR.....ARL-7073-00-03
PROJECT/TASK.....7073/00

ARL 67-0083V
AEROSPACE RESEARCH LABORATORIES
ELECTRON COLLISIONS WITH IONS OF THE J₀ SLIVER 3
CONFIGURATION
PHYSICS SOC VOL 90 1967
BY CZYZAK S J
KRUGER T R
(CAR ACCESS NO).....10440-009
DDC NUMBER.....AD653661
INSTR.....ARL-7114-00-01
PROJECT.....7114

ARL 67-0084W
UNIVERSITY OF MICHIGAN
AERODYNAMICS OF OSCILLATING DISKS AND A RIGHT-CIRCULAR
CYLINDER
J FLUID MECH VOL 27 PART 1 PP 177-207 1967
BY WILLIAMS H B
HARK N E
GALLAGHER A J
ROOS F W
(CAR ACCESS NO).....209260-001
DDC NUMBER.....AD653662
INSTR.....AF-33/616/07628
PROJECT.....7064

ARL 67-0085V
AEROSPACE RESEARCH LABORATORIES
A METHOD FOR THE ANALYSIS OF PULSE HEIGHT SPECTRA
NUCLEAR INSTRUMENTS AND METHODS VOL 43 NO 2 PP 555-560 1966
BY GRABER M D
WATSON D D
(CAR ACCESS NO).....211420-007
DDC NUMBER.....AD653615
INSTR.....ARL-7112-00-01
PROJECT/TASK.....7112/00

ARL 67-0086V
AEROSPACE RESEARCH LABORATORIES
SHOT TESTS FOR THE DETECTION OF ELEMENTAL ARSENIC ANTIMONY
AND TIN
CHEMIST-ANALYST 50 13-14 /JAN 67/
BY FEIGL F
CHAN F L
(CAR ACCESS NO).....209700-010
DDC NUMBER.....AD653661
INSTR.....ARL-7023-00-07
PROJECT.....7023

ARL 67-0087V
AEROSPACE RESEARCH LABORATORIES
SHOT TESTS FOR THE DETECTION OF PULSED ARSENIC AND ANTIMONY
CHEMIST-ANALYST 50 14 /JAN 67/
BY FEIGL F
CHAN F L
(CAR ACCESS NO).....209700-011
DDC NUMBER.....AD653662
INSTR.....ARL-7023-00-07
PROJECT.....7023

ARL 67-0088V
AEROSPACE RESEARCH LABORATORIES
SMILUC-HUSKI EQUATION FOR SYSTEMS WHICH DO NOT OBEY THE
STOKES-EINSTEIN RELATION
TRANSACTIONS OF THE FARADAY SOCIETY 6530 VOL63 PART 2
FEBRUARY 1967
BY GEMMELL J H JH
GORDON J T
(CAR ACCESS NO).....209600-004
DDC NUMBER.....AD653616
INSTR.....ARL-7023-00-03
PROJECT.....7023

ARL 67-0089V
AEROSPACE RESEARCH LABORATORIES
PREDICTION OF INCIPENT SEPARATION IN SHOCK-LAYERN
INTERACTIONS
AIAA VOL 5 NO2 PP355-356 1967
BY HANKEY W L
(CAR ACCESS NO).....209860-004
DDC NUMBER.....AD653666
INSTR.....ARL-7064-00-02
PROJECT/TASK.....7064/00

ARL 67-0090V
AEROSPACE RESEARCH LABORATORIES
TANDEM MASS SPECTROMETER FOR STUDY OF ION-MOLECULE
REACTIONS FINAL REPORT MAY 1967
THE REVIEW OF SCIENTIFIC INSTRUMENTS VOL 37 NO 11 1521-1526
NOVEMBER 1966
BY FOTPELL J M
WILLER C D
(CAR ACCESS NO).....209730-010
DDC NUMBER.....AD653666
INSTR.....ARL-7023-00-10
PROJECT.....7023

ARL 67-0093V
AEROSPACE RESEARCH LABORATORIES
THERMAL DIFFUSION OF ELECTROLYTES IN ORDINARY AND HEAVY
WATER
CHEMICAL PHYSICS VOL 46 NO1 391-392 1 JANUARY 1967
BY REESEY J G
BIENLEIN J A
(CAR ACCESS NO).....209650-004
DDC NUMBER.....AD653663
INSTR.....ARL-7023-00-07
PROJECT.....7023

ARL 67-0094T
AEROSPACE RESEARCH LABORATORIES
THE VOLATILE RARE EARTH CHELATES OF 1,1,1,2,2,3,3-
HEPTAFLUORO-7,7-DIMETHYL-4,4-DICHLOROCYCLOHEXANE
BY SHIINGEN C S JH
SEEVERS W E
MEER D W
(CAR ACCESS NO).....209700-014
DDC NUMBER.....AD653613
INSTR.....ARL-7023-00-07
PROJECT.....7023

ARL 67-0095V
AEROSPACE RESEARCH LABORATORIES
INTRAMOLECULAR ISOMERIZATION OF OCTAHEDRAL COMPLEXES BY
MECHANISMS NOT INVOLVING BOND RUPTURE
INORGANIC CHEMISTRY VOL 6 NO 6 PP652-654 APRIL 1967
BY SWINGER C S JH
STIEVERS R S
(CAR ACCESS NO).....209700-015
DDC NUMBER.....AD653617
INSTR.....ARL-7023-00-07
PROJECT.....7023

ARL 67-0096V
AEROSPACE RESEARCH LABORATORIES
SHOT TEST DETECTION OF SULFIDE IN MINERALS
ANALYTICA CHIMICA ACTA 37 PP391-393 1967
BY CHAN F L
(CAR ACCESS NO).....209700-016
DDC NUMBER.....AD653614
INSTR.....ARL-7023-00-07
PROJECT.....7023

ARL 67-0097V
AEROSPACE RESEARCH LABORATORIES
DETECTION OF MERCURIC CYANIDE AND ALKALI HALIDES IN
PRESENCE OF ALKALI CYANIDE
MICROCHEMICA ACTA 1967 PP345-346 1967
BY CHAN F L
FEIGL F
(CAR ACCESS NO).....209700-017
DDC NUMBER.....AD653667
INSTR.....ARL-7023-00-07
PROJECT.....7023

ARL 67-0098U
NEW YORK UNIVERSITY
OPERATION INSTRUCTIONS AND DESCRIPTION OF COMPUTER PROGRAM
FOR FINITE DIFFERENCE SOLUTIONS OF THE LAMINAR COMPRESSIBLE
BOUNDARY LAYER EQUATIONS IN THE VON KARMAN VARIABLES
NYU-AA-66-59 MAY 1967
BY HABI F
OAR ACCESS NO.....209300-009
DDC NUMBER.....AD687322
INSTR...AF-33/615/02215
PROJECT.....7064

ARL 67-0099T
AEROSPACE RESEARCH LABORATORIES
HYPERSONIC STABILITY DERIVATIVES FOR A STANDARD 10 DEGREE
CONE FINAL REPORT MAY 1967
BY SALCNER J
SUYER F
FUNG E
QUINN B
OAR ACCESS NO.....209850-003
DDC NUMBER.....AD657027
INSTR...AF-7064-00-01
PROJECT.....7064

ARL 67-0100V
AEROSPACE RESEARCH LABORATORIES
ON THE METHOD OF INTEGRAL RELATIONS
AIAA PP02-803 APRIL 1967
BY BFMEL H E
OAR ACCESS NO.....209890-005
DDC NUMBER.....AD656158
INSTR...ARL-7064-00-05
PROJECT.....7064

ARL 67-0101T
AEROSPACE RESEARCH LABORATORIES
THE EFFECT OF SEVERE NOSE BLUNTNESS ON THE STABILITY OF
SLENDER CONES IN HYPERSONIC FLOW
BY QJINN B
OAR ACCESS NO.....209850-004
DDC NUMBER.....AD657325
INSTR...ARL-7064-00-01
PROJECT.....7064

ARL 67-0102U
RCA VICTOR COMPANY LTD
NONLINEAR MIXING OF WAVES IN A PLASMA WITH VELOCITY-
DEPENDENT COLLISIONS
RCA VICTOR RESEARCH REPORT 7-601-56 MAY 1967
BY SHKAROFKY I P
OAR ACCESS NO.....209320-004
DDC NUMBER.....AD657774
INSTR...AF-33/615/02106
PROJECT.....7073

ARL 67-0103U
AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON
ON THE EVOLUTION OF THE PROBABILITY DISTRIBUTION AND OF THE
CORRELATION FUNCTIONS IN A BOGOLUBOV PLASMA
BY KRITZ A
RADIN S
SANDRI G
OAR ACCESS NO.....209280-002
DDC NUMBER.....AD657773
INSTR...AF-33/615/01910
PROJECT.....7073

ARL 67-0104B
NEW YORK UNIVERSITY
AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE
TURBULENT FAR WAKE
AIAA VOL 5 NO1 PP468-574 MARCH 1967
BY ZAKKAY V
FOX H
OAR ACCESS NO.....209300-010
DDC NUMBER.....AD656161
INSTR...AF-31/615/02215
PROJECT.....7064

ARL 67-0105V
AEROSPACE RESEARCH LABORATORIES
GROWTH OF 2ND SINGLE CRYSTALS
APPLIED PHYSICS VOL 38 NO2 PP756- 60 FEBRUARY 1967
BY PANK V S
KEYMILDS O C
OAR ACCESS NO.....210580-003
DDC NUMBER.....AD659918
INSTR...ARL-7885-00-04
PROJECT/TASK.....7885/00

ARL 67-0106V
AEROSPACE RESEARCH LABORATORIES
AIAA JOURNAL, VOL. 5, NO. 4, APRIL 1967.
BY HANKEY W L
CROSS E J JR
OAR ACCESS NO.....209910-001
DDC NUMBER.....AD661872
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 67-0107V
AEROSPACE RESEARCH LABORATORIES
PARTICLE SIZE DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF
NACL
JOURNAL OF THE AMERICAN CERAMIC SOCIETY, VOL. 50, NO. 3,
MARCH 1967
BY GHANAH M C
TALLAN M W
RALSTON R JR
OAR ACCESS NO.....209990-006
DDC NUMBER.....AD661777
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 67-0108V
AEROSPACE RESEARCH LABORATORIES
SIMPLE GUDY REGULATOR FOR ON-OFF THERMOSTATIC CONTROL
THE REVIEW OF SCIENTIFIC INSTRUMENTS, VOL. 38, NO. 4, PP.
586-587, APRIL 1967.
BY REESEY J A
BIEBLEIN J A
OAR ACCESS NO.....209850-005
DDC NUMBER.....AD661531
INSTR...ARL-7023-00-02
PROJECT.....7023

ARL 67-0109V
AEROSPACE RESEARCH LABORATORIES
SPECTROSCOPIC MEASUREMENTS IN FLUCTUATING ARCS
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL 56, NO 12,
PP 1698-1700, DECEMBER 1966
BY LEE D A
GARSCHADEN A
OAR ACCESS NO.....211330-002
DDC NUMBER.....AD661874
INSTR...ARL-7071-00-21
PROJECT.....7071

ARL 67-0110V
AEROSPACE RESEARCH LABORATORIES
MASS SPECTROMETRIC INVESTIGATION OF H₂ AND H₂SO₄ TRANSFER
REACTIONS OF HYDROCARBON IONS
J PHYS CHEM 71 1233-1237 APR 67
BY ANDERSON F P
PUTRELL J H
OAR ACCESS NO.....209730-018
DDC NUMBER.....AD661875
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-0111V
AEROSPACE RESEARCH LABORATORIES
AN ISOTHERMIC ANALOG STATE WITH L F SUPPER 7 - OVER 2
CONFIGURATION IN SUPPER 37 CL
BY HYDER A K JR
HARRIS G I
OAR ACCESS NO.....210420-010
DDC NUMBER.....AD661876
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-0112U
CORNELL AERONAUTICAL LABORATORY INC
THEORETICAL AND EXPERIMENTAL STUDIES OF SHOCK WAVE-LAMINAR
BOUNDARY LAYER INTERACTION IN THE STRONG INTERACTION REGIME
FINAL REPORT MAY 1967
BY HOLDEN M S
OAR ACCESS NO.....207401-002
DDC NUMBER.....AD653985
INSTR...AF-33/615/01205
PROJECT.....7064

ARL 67-0113U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
CHEMICAL KINETICS OF ENTRY INTO THE MARTIAN ATMOSPHERE
FINAL REPORT MAY 1967
BY FISHBURN E S
BILMAKESH K R
EDSE R
OAR ACCESS NO.....207310-004
DDC NUMBER.....AD657778
INSTR...AF-33/657/08981
PROJECT.....7065

ARL 67-0114U
JOHNSON LABORATORIES INC
FUNDAMENTAL STUDIES RELATING TO THE RADIATION CHEMISTRY OF
SMALL ORGANIC MOLECULES FINAL REPORT JAN 1967
BY VESTAL M
LEARNER G
OAR ACCESS NO.....208130-001
DDC NUMBER.....AD655864
INSTR...AF-33/657/10866
PROJECT/TASK.....7023/00

ARL 67-0115U
SYSTEMS RESEARCH LABORATORIES INC
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND H₂SO₄SUC3
SRL TECHNICAL REPORT 580-C MAY 1967
BY TALLAN M W
GRIMM M C
VEST R W
TRIOP W C
OAR ACCESS NO.....209160-003
DDC NUMBER.....AD658054
INSTR...AF-33/657/10815
PROJECT.....7021

ARL 67-0115V
AEROSPACE RESEARCH LABORATORIES
A NOTE ON ESTIMATION FROM A TYPE I EXTREME-VALUE
DISTRIBUTION
REPRINTED FROM TECHNOMETRICS, VOL. 9, NO. 2, PP. 325-331
/MAY 1967/
BY WARTER M L
MOORE A H
OAR ACCESS NO.....210290-010
DDC NUMBER.....AD661878
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-0117V
AEROSPACE RESEARCH LABORATORIES
A NOTE ON MOMENTS OF GAMMA ORDER STATISTICS
TECHNOMETRICS, VOL 19, PP 315-318, 1967
BY KRISHNAIAH P R
RIZVI M H
OAR ACCESS NO.....210290-007
DDC NUMBER.....AD662096
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 67-0118V
AEROSPACE RESEARCH LABORATORIES
FETTER CLOTHAYSLAND: THE MODULATION OF AN ENIGMA
J. ORGAN METAL, CHM, 8, 21467, 49-77
OAM ACCESS NO.....209720-010
BY AUSTIN J D
WILLIAMS L
RUELL G W
HARRIS C W
INSTR...ARL-7021-00-09
PROJECT.....7021

ARL 67-0119T
AEROSPACE RESEARCH LABORATORIES
ELECTRIC ARC DISCHARGES IN TRANSVERSE MAGNETIC FIELDS -
PART I FINAL REPORT JUNE 1967
OAM ACCESS NO.....211360-001
DDC NUMBER.....A0658459
INSTR...ARL-7063-00-13
PROJECT.....7063

ARL 67-0120U
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
APPLICATION OF MOUNT TRAILING EDGE BLADING TO SUPERSONIC
COMPRESSOR STATOR FINAL REPORT MAY 1967
OAM ACCESS NO.....209362-003
DDC NUMBER.....A0653599
INSTR...AF-EDAW -0065-85
PROJECT.....7065

ARL 67-0121U
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL MOUNT BASE FROM
THE HIGH ENTHALPY FLOW IN THE SHOCK TUBE
TAR REPORT NO 59, JUNE 1967
OAM ACCESS NO.....209601-001
DDC NUMBER.....A065906R
INSTR...FRI052-A7-C-0013
PROJECT.....7063

ARL 67-0122U
UNIVERSITY OF HAMBURG
EARTH EXPANSION GENERAL RELATIVITY PROBLEMS OF ABSTRACT
ALGEBRA FINAL JUNE 1967
OAM ACCESS NO.....209790-004
DDC NUMBER.....A0653901
INSTR...AF-61/052/00567
PROJECT.....7114

ARL 67-0123U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
LOW TEMPERATURE THERMAL EXPANSION OF QUARTZ PHASES OF II
QUARTZ COMPOUNDS PART I THERMAL EXPANSION OF ZNS WURTZITE
FROM 2 DEGREES TO 317 DEGREES K FINAL REPORT JUNE 1967
OAM ACCESS NO.....209420-001
DDC NUMBER.....A065009P
INSTR...AF-33/615/02270
PROJECT.....7065

ARL 67-0124T
AEROSPACE RESEARCH LABORATORIES
ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE
LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING FLAT PLATE IN A
RAREFIED GAS FLOW FINAL REPORT JUNE 1967
OAM ACCESS NO.....209890-006
DDC NUMBER.....A0658458
INSTR...ARL-7064-00-05
PROJECT.....7064

ARL 67-0125T
AEROSPACE RESEARCH LABORATORIES
AN EQUATION FOR CHARACTERISTIC CURVES OF A
SPECTROPHOTOMETRIC EMULSION FINAL REPORT JUNE 1967
OAM ACCESS NO.....210440-010
INSTR...ARL-7114-00-01
PROJECT.....7114

ARL 67-0126V
AEROSPACE RESEARCH LABORATORIES
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF A2O3.13YSO3
SUB-0.47THUSURV ELECTROLYTE
THE AMERICAN CERAMIC SOCIETY VOL 52 NO 4 APRIL 1967
OAM ACCESS NO.....209460-003
INSTR...ARL-7021-00-05
PROJECT.....7021

ARL 67-0127V
AEROSPACE RESEARCH LABORATORIES
ELECTRIC IONIZATION IN A GASEOUS DISCHARGE
KLYSTRON CIRCLES VOL 22A NO 4 10 APRIL 1967
OAM ACCESS NO.....210340-007
DDC NUMBER.....A0656159
INSTR...ARL-7073-00-03
PROJECT/TASK.....7073/00

ARL 67-0128V
UNION UNIVERSITY
EFFECTS OF SOUND AND VIBRATIONS ON HEAT TRANSFER
APPLIED MECHANICS REVIEWS VOL 20 NO 3 MARCH 1967
OAM ACCESS NO.....207580-001
DDC NUMBER.....A0657781
INSTR...FJ3618-67-C-1754
PROJECT.....7063

ARL 67-0129V
AEROSPACE RESEARCH LABORATORIES
ON ARC PUMPING AND THE NOTION OF ELECTRIC ARCS IN A
TRANSVERSE MAGNETIC FIELD
PROCEEDINGS OF THE SEVENTH INTERNATIONAL CONFERENCE ON
PHENOMENA IN IONIZED GASES VOL 1 HEDGARD 1966
OAM ACCESS NO.....210790-001
DDC NUMBER.....A0656208
INSTR...ARL-7063-00-09
PROJECT.....7063

ARL 67-0130V
AEROSPACE RESEARCH LABORATORIES
ASYMPTOTIC VARIANCES AND COVARIANCES OF MAXIMUM-LIKELIHOOD
ESTIMATORS FROM CENSORED SAMPLES OF THE PARAMETERS OF
WEIBULL AND GAMMA POPULATIONS
THE ANNALS OF MATHEMATICAL STATISTICS VOL 38 NO 2 APRIL
1967
OAM ACCESS NO.....210780-009
DDC NUMBER.....A0656833
INSTR...ARL-7071-00-11
PROJECT/TASK.....7071/00

ARL 67-0131W
NEW YORK UNIVERSITY
APPROXIMATE ANALYTIC SOLUTIONS FOR NONSIMILAR BOUNDARY
LAYERS
AIAA VOL 5 MAY 1967
OAM ACCESS NO.....209300-011
DDC NUMBER.....A0657095
INSTR...AF-33/615/02215
PROJECT.....7064

ARL 67-0132V
AEROSPACE RESEARCH LABORATORIES
HARE FATH CHELATES OF 1 1 1 2 3 3-HEPTAFLUORO-7 7-
DIMETHYL-4 6-UCTANEDIONE
INORGANIC CHEMISTRY 6 1105 1/1967
OAM ACCESS NO.....209700-012
DDC NUMBER.....A0656160
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-0133U
CORNELL AERONAUTICAL LABORATORY INC
THE ISENTROPIC COMPRESSION TUBE A NEW APPROACH TO
GENERATING HYPERVELOCITY TEST FLOWS WITH LOW DISSOCIATION
CAL HEPT NO AD-171A-A-7 JUNE 1967
OAM ACCESS NO.....207240-005
DDC NUMBER.....A0659154
INSTR...AF-33/615/08460
PROJECT.....7065

ARL 67-0134U
CORNELL AERONAUTICAL LABORATORY INC
A LASER-DRIVEN IMPLSION FOR GENERATING VERY HIGH
TEMPERATURES
CAL NO AD-1716-A-8 JUNE 1964
OAM ACCESS NO.....207240-006
DDC NUMBER.....A0657155
INSTR...AF-33/615/01460
PROJECT.....7065

ARL 67-0136T
AEROSPACE RESEARCH LABORATORIES
REPORT ON RESEARCH
OAM ACCESS NO.....707080-002
INSTR...ARL STAFF-ARI
PROJECT.....1300

ARL 67-0137B
TECHNION, ISRAEL INSTITUTE OF TECHNOLOGY
HIGH TEMPERATURE DEFECT STRUCTURE OF FIBROUS OXIDE
OAM ACCESS NO.....209200-002
DDC NUMBER.....A0651027
INSTR...AF-61/052/00425
PROJECT.....7021

ARL 67-0138V
AEROSPACE RESEARCH LABORATORIES
QUALITY FOR VARIATIONAL PROBLEMS
JOURN OF MATHEMATICAL ANALYSIS AND APPLICATIONS VOL 14 NO
2, 201-254, MAY 1967
OAM ACCESS NO.....210320-006
DDC NUMBER.....A0656179
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 67-0139V
GENERAL ELECTRIC RESEARCH & DEVELOPMENT CENTER
DENSITY INDUCTION TIMES IN VERY LEAN MIXTURES OF D SUB2
H SUB2 C SUB2 H SUB2 AND C SUB2 H SUB2 WITH D SUB2
ELEVENTH SYMPOSIUM / INTERNATIONAL ON COMBUSTION 1967 THE
COMBUSTION INSTITUTE PITTSBURGH PA PP 147-154
BY WHITE D R
OAR ACCESS NO.....208021-001
DOC NUMBER.....AD669578
INSTR...AF-33/615/05274
PROJECT.....7083

ARL 67-0140T
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL THEORY OF STEADY COMPRESSIBLE SWIRL FLOWS WITH
CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS FINAL REPORT
JULY 1967
BY GUDERLEY F G
GREFNE D E
OAR ACCESS NO.....211320-005
DOC NUMBER.....AD669743
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 67-0141U
RESEARCH TRIANGLE INSTITUTE
RESEARCH IN SEQUENTIAL FACTORIAL DESIGNS FINAL REPORT JULY
1967
BY ANDELMAN S
OAR ACCESS NO.....210730-002
DOC NUMBER.....AD660570
INSTR...AF-33/615/03407
PROJECT/TASK.....7071/00

ARL 67-0142U
DARTMOUTH COLLEGE
ELECTRICAL CONDUCTION FROM A LAMINAR ARC HEATED FLOW TO A
COOLED CYLINDRICAL ANODE FINAL REPORT JULY 1967
BY MUNSTADLER P W JR
OAR ACCESS NO.....207640-002
DOC NUMBER.....AD660871
INSTR...AF-33/615/08179
PROJECT/TASK.....7063/00

ARL 67-0143V
AEROSPACE RESEARCH LABORATORIES
EFFECT OF STRESS ON CDS SINGLE CRYSTALS
PHYSICAL REVIEW, 150, #3, 877-880, 15 APRIL 1967
BY KULP B A
GALE K A
OAR ACCESS NO.....210550-006
DOC NUMBER.....AD661882
INSTR...ARL-7885-00-01
PROJECT.....7885

ARL 67-0144W
ISRAEL INSTITUTE OF TECHNOLOGY
CONTRIBUTION TO THE MN-O PHASE DIAGRAM AT HIGH TEMPERATURE
REPRINTED FROM JOURNAL OF THE ELECTRO-CHEMICAL SOCIETY,
VOL. 114, NO. 4, APRIL 1967
BY HED A Z
TANNHAUSER D S
OAR ACCESS NO.....204290-003
DOC NUMBER.....AD661428
INSTR...AF-61/52/00825
PROJECT.....7021

ARL 67-0145V
AEROSPACE RESEARCH LABORATORIES
DIFFERENCES OF MEANS
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY, VOL 73, NO
3, PP 328-313, MAY 1967
BY SMISHA U
MOND B
OAR ACCESS NO.....210320-007
DOC NUMBER.....AD661483
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 67-0146V
AEROSPACE RESEARCH LABORATORIES
EDGE EMISSION AND MAGNETO-OPTICAL EFFECTS IN CDS
THE PHYSICAL REVIEW, 150, NO 3, PP 881-889, 15 APRIL 1967
BY REYNOLDS D C
LITTON C W
COLLINS T C
OAR ACCESS NO.....210580-004
DOC NUMBER.....AD661884
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 67-0147U
SYSTEMS RESEARCH LABORATORIES INC
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MX
JULY 1967
BY TALLAN H M
GRAHAM H C
VEST R W
TRIPP W C
OAR ACCESS NO.....209180-004
DOC NUMBER.....AD669752
INSTR...AF-33/615/10813
PROJECT/TASK.....7021/0

ARL 67-0148U
NEW YORK UNIVERSITY
A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED
BODIES
JULY 1967
BY NAK W
ZAKKAY V
OAR ACCESS NO.....209251-001
DOC NUMBER.....AD660574
INSTR...AF-33/615/03736
PROJECT/TASK.....7065/00

ARL 67-0149U
CIVITIC CORPORATION
RESEARCH ON IMPROVED II-VI CRYSTALS
JULY 1967
BY SHIOZAWA L R
JOSE J M
OAR ACCESS NO.....208982-001
DOC NUMBER.....AD660874
INSTR...AF-33/615/08708
PROJECT/TASK.....7885/00

ARL 67-0150U
AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON INC
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG
MAGNETIC FIELD I GENERAL THEORY
JULY 1967
BY RANDIN S
KRITZ A M
SANDRI G
OAR ACCESS NO.....209280-003
DOC NUMBER.....AD668460
INSTR...AF-33/615/01910
PROJECT.....7073

ARL 67-0151U
GENERAL DYNAMICS CORPORATION
NUMERICAL CALCULATION OF THE LOW REYNOLDS NUMBER FLOW
OVER A BLUNT WEDGE WITH NEARWARD FACING STEP FINAL REPORT
JULY 1967
BY FREUDIGER F S
GALLAHER W H
THOMMEN W U
OAR ACCESS NO.....210720-001
DOC NUMBER.....AD660878
INSTR...AF-33/615/03989
PROJECT/TASK.....7066/0

ARL 67-0152V
AEROSPACE RESEARCH LABORATORIES
ON THE REACTION OF CH SUB 4 WITH CD SUB 4
JOURNAL OF CHEMICAL PHYSICS, VOL. 46, NO. 8, 3264-3266, 18
APRIL 1967.
BY ABROMSON F P
PUTRELL J M
OAR ACCESS NO.....209730-010
DOC NUMBER.....AD661632
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-0153V
AEROSPACE RESEARCH LABORATORIES
ADSORPTION ON NIOBIUM/110, TANTALUM/110, AND VANADIUM/110
SURFACES
JOURNAL OF CHEMICAL PHYSICS, VOL. 46, NO. 8, 3035-3039, 18
APRIL 1967.
BY HAAS T W
JACKSON A G
HOOKER M P
OAR ACCESS NO.....209640-007
DOC NUMBER.....AD667064
INSTR...ARL-7023-00-01
PROJECT.....7023

ARL 67-0154V
AEROSPACE RESEARCH LABORATORIES
DEVELOPMENT OF A FACILITY FOR SUPERSONIC COMBUSTION
SIMULATION
JOURNAL OF SPACECRAFT AND ROCKETS, VOL IV, 6, JUN 67
PRESENTED AT AIAA AERODYNAMIC TESTING CONF.
BY SCAGGS N E
GUNN R G
OAR ACCESS NO.....210900-001
DOC NUMBER.....AD660748
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 67-0155W
UNIVERSITY OF LOUVAIN
EXPERIMENTAL STUDY OF CHEMI-IONIZATION
BY VAN TIGGELEN A
DE JAEGERE S
OAR ACCESS NO.....208181-002
DOC NUMBER.....AD660363
INSTR...AF-EDAR-0082-65
PROJECT.....7023

ARL 67-0156U
UNIVERSITY CATHOLIQUE DE LOUVAIN
IDENTITY OF IONS CREATED BY ELECTRON IMPACT IN FLAMES
COMBUSTION AND FLAME, VOL. 11, NO.3, JUNE 1967.
BY FEUGIER A
VAN TIGGELEN A
OAR ACCESS NO.....208180-002
DOC NUMBER.....AD660780
INSTR...AF-61/052/00398
PROJECT.....7023

ARL 67-0157U
NORTHWESTERN UNIVERSITY
EXPERIMENTAL MEASUREMENT OF THE EMISSION AND ABSORPTION OF
RADIATION BY AN ARGON PLASMA
JULY 1967
BY EVANS O L
TANKIN H S
OAR ACCESS NO.....207530-006
INSTR...AF-33/615/01160
PROJECT/TASK.....7063/00

ARL 67-0158U
AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG
MAGNETIC FIELDS II LOWEST ORDER CORRECTIONS
JULY 1967
BY RANDIN S
KRITZ A M
SANDRI G
OAR ACCESS NO.....209280-004
DOC NUMBER.....AD669745
INSTR...AF-33/615/01910
PROJECT/TASK.....7073/0

ARL 67-0180V
STAMPER CHEMICAL COMPANY
RESEARCH IN SYNTHESIS AND CHARACTERIZATION OF HIGHLY
ARYLATED ORGANOSILICON COMPOUNDS FINAL REPORT JULY 1967
BY PANDE K C
HART S R
ZELL J P
JOSHUA S R
SMITH D C
OAR ACCESS NO.....209983-001
DDC NUMBER.....AD6603240
INSTR...AF-33/618/03240
PROJECT/TASK.....7083/00

ARL 67-0180V
SYSTEMS RESEARCH LABORATORIES INC
USE OF A MICROTHERMOBALANCE IN DETERMINING THE DEFECT
STRUCTURE OF METAL OXIDES
VACUUM MICROBALANCE TECHNIQUES, VOL. 6, PP. 107-127, 1967
BY TRIPP W C
VEST H W
GRAHAM H C
OAR ACCESS NO.....209160-007
DDC NUMBER.....AD660767
INSTR...AF-33/687/10818
PROJECT.....7081

ARL 67-0181V
AEROSPACE RESEARCH LABORATORIES
STUDY OF INHOMOGENEOUS TURBULENCE
THE PHYSICS OF FLUIDS, VOL. 10, NO. 6, PP. 1224-1230, JUNE
1967
BY LEE D A
TAN H S
OAR ACCESS NO.....211330-006
DDC NUMBER.....AD661897
INSTR...ARL-7071-00-21
PROJECT.....7071

ARL 67-0182V
AEROSPACE RESEARCH LABORATORIES
THE EFFECT OF HYDROGEN CHARGING ON THE PETCH RELATIONSHIP
FOR ZONE-REFINED IRON
TRANSACTIONS OF THE METALLURGICAL SOC. OF AIME, VOL. 236,
PP. 1613-1618, NOVEMBER 1966.
BY ADLER A H
OAR ACCESS NO.....209930-007
DDC NUMBER.....AD660753
INSTR...ARL-7081-00-08
PROJECT.....7081

ARL 67-0183V
AEROSPACE RESEARCH LABORATORIES
THE STANDARD FREE ENERGY OF FORMATION OF CUPROUS OXIDE
TRANSACTIONS OF THE METALLURGICAL SOC. OF AIME, VOL. 239,
PP. 593-598, APRIL 1967.
BY RIZED F E
BIDWELL L H
FRANK D F
OAR ACCESS NO.....209960-004
DDC NUMBER.....AD660784
INSTR...ARL-7081-00-08
PROJECT.....7081

ARL 67-0184V
SYSTEMS RESEARCH LABORATORIES INC
APPARATUS FOR GUARDED POLARIZATION MEASUREMENTS
REVIEW OF SCIENTIFIC INSTRUMENTS, VOL. 38, NO. 5, 661-664,
MAY 1967.
BY VEST H W
GRAHAM H C
OAR ACCESS NO.....209160-006
DDC NUMBER.....AD660757
INSTR...AF-33/687/10818
PROJECT.....7081

ARL 67-0185
AEROSPACE RESEARCH LABORATORIES
APPLICATION OF THE SEQUENTIAL COUNT AMPLIFIER TO ASTRONOMY
AND RELATED PROBLEMS FINAL REPORT AUG 1967
BY GEBEL R K H
HAYLETT H R
WYLIE I R
OAR ACCESS NO.....210570-007
DDC NUMBER.....AD661504
INSTR...ARL-7083-00-03
PROJECT/TASK.....7885/00

ARL 67-0186V
AEROSPACE RESEARCH LABORATORIES
TABLES FOR THE MOMENTS OF GAMMA ORDER STATISTICS FINAL
REPORT AUG 1967
BY BRESTER H C
KRISHNAIAH P R
OAR ACCESS NO.....210290-005
INSTR...ARL-7071-00-12
PROJECT/TASK.....7071/00

ARL 67-0187U
UNIVERSIDAD DE BARCELONA
THE CHLOROCARBONS/ ANTHOLOGY I/ FINAL REPORT AUG 1967
BY BALLESTER M
SPIALTER L
OAR ACCESS NO.....208171-003
DDC NUMBER.....AD661099
INSTR...AF-61/052/00749
PROJECT.....7083

ARL 67-0188V
AEROSPACE RESEARCH LABORATORIES
COMPUTER PROGRAMS FOR THE ANALYSIS OF GAMMA-RAY ANGULAR
CORRELATION MEASUREMENTS FINAL REPORT AUG 1967
BY HYDER A K JR
WATSON D O
OAR ACCESS NO.....210470-009
DDC NUMBER.....AD664054
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-0189V
AEROSPACE RESEARCH LABORATORIES
AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF MASS
TRANSFER ON A -EDGE INDUCED LAMINAR SEPARATED BOUNDARY
LAYER AT MACH 12 FINAL REPORT AUG 1967
BY HALL K D V
OAR ACCESS NO.....209900-002
DDC NUMBER.....AD661848
INSTR...ARL-7084-00-08
PROJECT.....7084

ARL 67-0170V
AEROSPACE RESEARCH LABORATORIES
NONSTOICHIOMETRY OF ZROUS AND ITS RELATION TO TETRAGONAL-
CUBIC INVERSION IN ZROUS
THE JOURNAL OF THE AMERICAN CERAMIC SOCIETY, VOL. 50, NO. 5
BY HUM R
GARRETT M J
OAR ACCESS NO.....210010-001
DDC NUMBER.....AD661899
INSTR...ARL-7081-00-10
PROJECT.....7081

ARL 67-0171V
AEROSPACE RESEARCH LABORATORIES
INDUCTION-HEATED HIGH-TEMPERATURE BALANCE SYSTEM
VACUUM MICROBALANCE TECHNIQUES, VOL. 6
BY GRAHAM H C
TRIPP W C
OAR ACCESS NO.....209920-002
DDC NUMBER.....AD661901
INSTR...ARL-7081-00-01
PROJECT.....7081

ARL 67-0172V
CHEMISTRY RESEARCH LABORATORY
ION-MOLECULE REACTIONS IN PROPANE
JOURNAL OF CHEMICAL PHYSICS, VOL. 46, NO. 10, 4084-4089, 15
MAY 1967
BY ROHR L I
PUTRELL J H
OAR ACCESS NO.....209730-020
DDC NUMBER.....AD660788
INSTR...ARL-7083-00-10
PROJECT.....7083

ARL 67-0173V
AEROSPACE RESEARCH LABORATORIES
CONVERSION YIELDS OF SOME PHOTOGRAPHIC EMULSIONS AND
RELATED FACTORS
THE OPTIC JOURNAL OF SCIENCE, VOL. 67, NO. 3, PP. 173-183,
MAY 1967.
BY GEBEL R K H
DUKE G L
OAR ACCESS NO.....209820-020
INSTR...AF-33/618/0827C
PROJECT.....7888

ARL 67-0174V
AEROSPACE RESEARCH LABORATORIES
CONCURRENT AND NONCONCURRENT LIGHT EMISSION IN II-VI COMPOUNDS
TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME, VOL. 239,
PP. 300-310, MARCH 1967
BY REYNOLDS D C
OAR ACCESS NO.....210580-005
DDC NUMBER.....AD661907
INSTR...ARL-7085-00-04
PROJECT.....7885

ARL 67-0175V
AEROSPACE RESEARCH LABORATORIES
EXCHANGE POTENTIAL FOR NEARLY FREE ELECTRONS
BY PAYNE H
OAR ACCESS NO.....210470-003
DDC NUMBER.....AD661908
INSTR...ARL-7116-00-04
PROJECT.....7114

ARL 67-0176V
AEROSPACE RESEARCH LABORATORIES
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF HfO₂ S/W Z
THE JOURNAL OF THE AMERICAN CERAMIC SOCIETY, VOL. 50, NO. 6
BY TALLAN H W
TRIPP W C
VEST H W
OAR ACCESS NO.....209990-007
DDC NUMBER.....AD661909
INSTR...ARL-7081-00-08
PROJECT.....7081

ARL 67-0177V
AEROSPACE RESEARCH LABORATORIES
RECOVERY OF ROCKSALT STRUCTURE COS TO ROOM PRESSURE
J. PHYS. CHEM. SOLIDS, VOL. 28, PP. 1233-1238, 1967.
BY GALE K A
KULP S A
OAR ACCESS NO.....210850-007
DDC NUMBER.....AD660760
INSTR...ARL-7888-00-01
PROJECT.....7888

ARL 67-0178U
UNIVERSITY OF SOUTHERN CALIFORNIA
ARC PLASMA DIAGNOSTICS WITH VACUUM ULTRAVIOLET RADIATION
FINAL REPORT AUG 1967
BY WFISSLER G L
OAR ACCESS NO.....209310-001
DDC NUMBER.....AD662826
INSTR...AF-33/618/02305
PROJECT.....7073

ARL 67-01701
AEROSPACE RESEARCH LABORATORIES
AN APPROACH TO RADIATION SOURCE DESIGN FOR MILITARY APPLICATIONS
UTILIZING THE WALL-STABILIZED ARC AS AN EXAMPLE FINAL
REPORT AUG 1967
BY SCHREIBER P W
BENEDETTO R R
DAR ACCESS NO.....211370-001
DDC NUMBER.....AD662350
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 67-0180
AEROSPACE RESEARCH LABORATORIES
SPATIAL INTENSITY DISTRIBUTION AND COLOR ANALYZER FINAL
REPORT SEP 1967
BY UNSCHL W L
GEBEL R K H
DAR ACCESS NO.....210970-016
DDC NUMBER.....AD661346
INSTR...ARL-7065-00-03
PROJECT.....7065

ARL 67-0181U
CORNELL AERONAUTICAL LABORATORY INC
MINIATURE PROBES FOR THE INSTANTANEOUS MEASUREMENT OF
ENTHALPY IN ARC JETS FINAL REPORT SEP 1967
IM-2245-W-1 SEP 1967
BY VASSALLO F A
DAR ACCESS NO.....207502-001
DDC NUMBER.....AD662644
INSTR...AF-33/615/05204
PROJECT.....7063

ARL 67-0182V
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF A SUPPER 30 LEVELS FROM THE SI SUPPER 29
/P, GAMMA/P SUPPER 30 REACTION. I
BY HARRIS G I
HYDER A K JR
DAR ACCESS NO.....210420-011
DDC NUMBER.....AD661910
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-0183V
CHEMISTRY RESEARCH LABORATORY
DIFFUSION COEFFICIENTS FOR ORGANIC VAPORS IN POLYVINYL
ACETATE
AIChS JOURNAL, VOL. 13, NO. 4, JULY, 1967
BY MORRISON M E
DAR ACCESS NO.....211150-001
DDC NUMBER.....AD661911
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 67-0184V
AEROSPACE RESEARCH LABORATORIES
MAXIMUM-LIKELIHOOD ESTIMATION, FROM CENSORED SAMPLES, OF
THE PARAMETERS OF A LOGISTIC DISTRIBUTION
REPRINTED FROM THE JOURNAL OF THE AMERICAN STATISTICAL
ASSOCIATION, VOL. 62, PP. 675-684 JUNE 1967
BY HARTER H L
MOORE A W
DAR ACCESS NO.....210280-011
DDC NUMBER.....AD661913
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-0185T
AEROSPACE RESEARCH LABORATORIES
NOSE BLUNTNESS, CONE ANGLE, AND MACH NUMBER EFFECTS ON THE
STABILITY DERIVATIVES OF SLENDER CONES FINAL REPORT SEP 1967
BY CLAY J T
DAR ACCESS NO.....209450-005
DDC NUMBER.....AD66154V
INSTR...ARL-7064-00-01
PROJECT.....7064

ARL 67-0186U
NEW YORK UNIVERSITY
SHOCK GENERATORS IN THE HYPERSONIC TURBULENT BOUNDARY LAYER
NYU-AA-67-106 SEP 1967
BY GORMAN R
DAR ACCESS NO.....209251-002
DDC NUMBER.....AD661992
INSTR...AF-33/615/03236
PROJECT.....7065

ARL 67-0187U
NEW YORK UNIVERSITY
A CRITICAL REVIEW OF HETEROGENEOUS MIXING PROBLEMS
NYU-AA-67-102 SEP 1967
BY FEHRI A
DAR ACCESS NO.....209300-012
DDC NUMBER.....AD661547
INSTR...AF-33/615/02215
PROJECT.....7064

ARL 67-0188T
AEROSPACE RESEARCH LABORATORIES
FLOW INVESTIGATION ABOUT A FIN PLATE MODEL AT A MACH NUMBER
OF 11.26 FINAL REPORT SEP 1967
BY THOMAS J P
DAR ACCESS NO.....209910-022
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 67-0189U
MONSANTO RESEARCH CORPORATION
PHYSICAL PROPERTIES OF SELECTED HTA-DIRECTORS
SEP 1967
BY SCHINER W G
DAR ACCESS NO.....207900-005
INSTR...AF-33/615/01093
PROJECT.....7023

ARL 67-0190U
CLPVITE CORPORATION
RESEARCH ON THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN
HIGH-EFFICIENCY COS THIN-FILM SOLAR CELLS
SEPTEMBER 1967
BY SHIGEMURA L H
SULLIVAN G A
AUGUSTINE F
DAR ACCESS NO.....211000-001
DDC NUMBER.....AD661357
INSTR...AF-33/615/05274
PROJECT.....7065

ARL 67-0191U
IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY
CHROMATOGRAPHY AND SOLVENT EXTRACTION OF ORGANOMETALLIC
COMPLEXES FINAL REPORT SEP 1967
BY PANTONY O A
DAR ACCESS NO.....204220-001
DDC NUMBER.....AD661375
INSTR...AF-61/082/00653
PROJECT.....7023

ARL 67-0192V
AEROSPACE RESEARCH LABORATORIES
FLOW STRUCTURES WITH STATIONARY CORNERS
JSMR 1967 SEMI-INTERNATIONAL SYMPOSIUM, TOKYO, PP. 155-160,
/A-8 SEPTEMBER 1967
BY SCHENBERG M G
DAR ACCESS NO.....211330-002
DDC NUMBER.....AD661915
INSTR...ARL-7063-00-17
PROJECT.....7063

ARL 67-0193V
AEROSPACE RESEARCH LABORATORIES
CHARGED DOUBLE PION PRODUCTION IN PI PLUS P SCATTERING AT
910 MEV/C
PHYSICAL REVIEW, VOL. 156, NO. 5, 1331-1334, 28 JUNE 1967
BY POIRICH C P
QUODERICK J L
TILGER C A
DELANEY M W
DAR ACCESS NO.....210440-011
DDC NUMBER.....AD660768
INSTR...ARL-7114-00-01
PROJECT.....7114

ARL 67-0194T
AEROSPACE RESEARCH LABORATORIES
RETROGRADE CATHODE SPOT BEHAVIOR IN LOW DENSITY ANCS, FINAL
REPORT SEP 1967
BY GIANNOTTA S F
DAR ACCESS NO.....211300-002
DDC NUMBER.....AD663214
INSTR...ARL-7063-00-13
PROJECT.....7063

ARL 67-0195T
BROWN UNIVERSITY
CRITERIA FOR QUANTITATIVE SCATTERING INTERFEROMETRY
APPLIED OPTICS VOL. 6, NO. 4, PP. 731-735, /APMIL 1967
BY BRACKENRIDGE J B
PETERKA J
DAR ACCESS NO.....207551-007
DDC NUMBER.....AD661924
INSTR...AF-33/615/01263
PROJECT.....7063

ARL 67-0197V
AEROSPACE RESEARCH LABORATORIES
EXPLORATIONS OF SUPERSONIC SHEAR FLOW OVER A CAVITY
ISRAEL JOURNAL OF TECHNOLOGY, VOL. 5, NO. 1-2, PP. 47-50, /
FEB. 1967
BY SCHENBERG M G
DAR ACCESS NO.....211350-003
DDC NUMBER.....AD661917
INSTR...ARL-7063-00-12
PROJECT.....7063

ARL 67-0198U
NATIONAL BUREAU OF STANDARDS
ABSORPTION ON SINGLE CRYSTAL PLANES, FINAL REPORT SEP 1967
BY YOUNG R J
CLARK H E
DAR ACCESS NO.....210670-001
DDC NUMBER.....AD663427
INSTR...NO-33/615/05006-06
PROJECT.....7023

ARL 67-0199T
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS TEST FOR MULTIPLE COMPARISONS OF GROWTH CURVES
FINAL REPORT SEP 1967
BY THOMAS J P
DAR ACCESS NO.....210290-006
DDC NUMBER.....AD663714
INSTR...ARL-7071-00-17
PROJECT.....7071

ARL 67-0200W
MIDWEST RESEARCH INSTITUTE
CONFLUENT EXPANSIONS
MATHEMATICS OF COMPUTATION, VOL. XXI, NO. 98, APRIL 1967
BY FIELDS J L
OAR ACCESS NO.....207102-001
DDC NUMBER.....AD660766
INSTR...AF-33/615/02764
PROJECT.....7071

ARL 67-0201V
AEROSPACE RESEARCH LABORATORIES
ELECTRON RADIATION DAMAGE IN CADMIUM-SELENIDE CRYSTALS AT
LIQUID HELIUM TEMPERATURE
THE PHYSICAL REVIEW, 159, 3, 603-609/15 JULY 1967/
BY SCHULZ M J
KULP B A
OAR ACCESS NO.....210550-008
DDC NUMBER.....AD661918
INSTR...ARL-7885-00-01
PROJECT.....7885

ARL 67-0202T
AEROSPACE RESEARCH LABORATORIES
AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION
WAVES IN A FLOWING COMBUSTIBLE MIXTURE: FINAL REPORT OCT
1967
BY HAMILTON L A
OAR ACCESS NO.....210900-002
DDC NUMBER.....AD663715
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 67-0203H
CORNELL AERONAUTICAL LABORATORY
LASER-DRIVEN DETONATION WAVES IN GASES
OCTOBER 1967
BY DAIBER J W
THOMPSON M H
OAR ACCESS NO.....207290-007
DDC NUMBER.....AD661781
INSTR...AF-33/657/08860
PROJECT.....7085

ARL 67-0204V
AEROSPACE RESEARCH LABORATORIES
EFFECT OF INITIAL CONFIGURATION ON LIBRATION POINT MOTION
PROGRESS IN PHYSICS, VOL. 17, ACADEMIC PRESS, INC.,
1966
BY VOLAYER L Y
OAR ACCESS NO.....211320-006
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 67-0205U
MONSANTO RESEARCH CORPORATION
SOLVENT EXTRACTION STUDY OF METAL FLUOROACETYLACETONATES
BY SCRIBNER V G
OAR ACCESS NO.....207900-006
DDC NUMBER.....AD666171
INSTR...AF-33/615/01093
PROJECT.....7023

ARL 67-0206V
AEROSPACE RESEARCH LABORATORIES
TESTS FOR THE EQUALITY OF COVARIANCE MATRICES UNDER THE
INTRACLASSE CORRELATION MODEL
THE ANNALS OF MATHEMATICAL STATISTICS, VOL. 38, NO. 4, PP.
1286-1288, AUGUST 1967
BY KRISHNAIAH P R
PATHAK P K
OAR ACCESS NO.....210290-009
DDC NUMBER.....AD660770
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 67-0208V
AEROSPACE RESEARCH LABORATORIES
DISPROPORTIONATION AND COMBINATION REACTIONS OF SIMPLE
ALKYL RADICALS: METHYL, ETHYL, N-PROPYL AND ISOPROPYL
REPRINTED FROM CANADIAN JOURNAL OF CHEMISTRY, VOL. 45, PP.
2327-2333, 1967
BY TERRY J O
FUTRELL J H
OAR ACCESS NO.....209730-024
DDC NUMBER.....AD661919
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-0209H
GENERAL ELECTRIC CO.
VIBRATIONAL RELAXATION IN CO-SUB2 MIXTURES
JOUR. CHEM. PHYS. 45, 1257-1258 31 AUGUST 1966
BY WHITE D R
OAR ACCESS NO.....208021-003
INSTR...AF-33/615/05274
PROJECT.....7023

ARL 67-0210U
UNIVERSITY OF OKLAHOMA
RADIATIVE HEAT TRANSFER IN ABSORBING, EMISSION AND
SCATTERING MEDIA
BY LOVE T J
STOCKHAM L W
LEE F C
MUNTER W A
TSAT Y W
OAR ACCESS NO.....207760-004
DDC NUMBER.....AD666627
INSTR...AF-33/657/08859
PROJECT.....7063

ARL 67-0211U
TRW SYSTEMS
RESEARCH ON ELECTROSTATIC CHARGED DROPLET STREAMS, FINAL
REPORT OCT 1967
BY WUEKKER P E
OAR ACCESS NO.....209820-001
INSTR...AF-33/615/01035
PROJECT.....7116

ARL 67-0212V
AEROSPACE RESEARCH LABORATORIES
OPTICAL RADAR AND PASSIVE OPTO-ELECTRONIC RANGING
THE OHIO JOURNAL OF SCIENCE, VOL. 66, NO. 5, SEPTEMBER 1966
BY GEREL R K H
OAR ACCESS NO.....210570-008
DDC NUMBER.....AD653403
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 67-0213V
AEROSPACE RESEARCH LABORATORIES
CLARIFICATION OF DISCREPANCIES IN THE CHARACTERIZATION OF
LANTHANUM SERIES COMPLEXES OF 2,2,6,6-TETRAMETHYL-3,5-
HEPTANEDIONE
REPRINTED FROM INORGANIC CHEMISTRY, 6, 1933-1935, 1967.
BY SCHWAHRBERG J E
GENE D F
SIEVERS R E
EISENTRAUT K J
OAR ACCESS NO.....209700-019
DDC NUMBER.....AD665542
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-0214V
AEROSPACE RESEARCH LABORATORIES
THERMOGRAVIMETRIC STUDIES OF METAL 8-OXIDOMATES
REPRINTED FROM J. INORG. NUCL. CHEM., VOL. 29, PP. 1931-
1936, 1967.
BY EISENTRAUT K J
SIEVERS R E
OAR ACCESS NO.....209700-020
DDC NUMBER.....AD665621
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-0216T
AEROSPACE RESEARCH LABORATORIES
DIFFUSION CONCENTRATION DISTRIBUTION NEAR AN IDEALIZED
CONTACT SPOT, FINAL REPORT NOV 1967
BY CHAMER K R
RICHARDS K J
OAR ACCESS NO.....209770-003
DDC NUMBER.....AD665628
INSTR...ARL-7063-00-04
PROJECT.....7063

ARL 67-0217U
UNIVERSITY OF MICHIGAN
CHARACTERISTICS OF A HIGH PRESSURE A.C. ARC HEATER SYSTEM.
FINAL REPORT DEC 1967
BY GEISTER D F
OAR ACCESS NO.....20761-001
DDC NUMBER.....AD666132
INSTR...AF-33/615/01326
PROJECT.....7065

ARL 67-0218U
NORTHWESTERN UNIVERSITY
MEASUREMENT OF THE REPICTIVE INDEX IN AN ARGON PLASMA AT
6328 DEGREES A AND 1.15U, FINAL REPORT DEC 1967
BY HUG W F
TAMKIN R S
CAMREL A B
OAR ACCESS NO.....207530-007
DDC NUMBER.....AD666665
INSTR...AF-33/615/01160
PROJECT.....7063

ARL 67-0219U
TECHNISCHE HOCHSCHULE
METHODS FOR DETERMINATION OF TRANSPORT COEFFICIENTS FROM
HIGH POWER ARCS FINAL REPORT OCT 1967
BY HAECKER H
OAR ACCESS NO.....209480-001
DDC NUMBER.....AD661995
INSTR...AF-61/052/00649
PROJECT.....7063

ARL 67-0220U
UNIVERSITY OF TORONTO.
THE APPLICATION OF IMPLSION WAVE DYNAMICS TO A
HYPERVELOCITY LAUNCHER, FINAL REPORT DEC 1967
BY FLAGG H F
OAR ACCESS NO.....207201-006
DDC NUMBER.....AD664273
INSTR...AF-33/615/02766
PROJECT.....7065

ARL 67-0221U
BATTILLE MEMORIAL INSTITUTE
PREPARATION OF S S-DIMETHYLBENZOSILOL
REPRINTED FROM J ORGANOMETAL CHEM 10 PP 175-176 / 1967/
BY COUFIANT R W
LEVY A
OAR ACCESS NO.....207461-002
DDC NUMBER.....AD665665
INSTR...AF-33/615/01807
PROJECT.....7023

ARL 67-0222U
UNIVERSITY OF BARCELONA
BAND RE-ASSIGNMENT FOR ANILINE AND ITS DERIVATIVES THE
MIGRATION /SPECTROSCOPY/ MOMENT OF THE AMINO GROUPS
REPRINTED FROM SPECTROCHIMICA ACTA VOL 23A PP 1533-1539
1967
BY HALLESTER M
RIENA J
OAR ACCESS NO.....209170-007
ODC NUMBER.....AD665570
INSTN...AF-61/052/00141
PROJECT.....7023

ARL 67-0232V
AEROSPACE RESEARCH LABORATORIES
EXPERIMENTAL INVESTIGATION OF AN ELECTRIC ARC IN TRANSVERSE
AERODYNAMIC AND MAGNETIC FIELDS
AIAA JOURNAL VOL. 5, NO. 11, PP 2011-2017 /NOVEMBER 1967/
OAR ACCESS NO.....211360-001
ODC NUMBER.....AD665700
INSTN...ARL-7063-00-15
PROJECT.....7063

ARL 67-0223T
AEROSPACE RESEARCH LABORATORIES
COMPRESSIBLE TURBULENT PLANE COUETTE FLOW
OAR ACCESS NO.....209900-008
ODC NUMBER.....AD665863
INSTN...ARL-7064-00-06
PROJECT.....7064

ARL 67-0224
AEROSPACE RESEARCH LABORATORIES
DETERMINATION OF RATES OF OPTICAL INVERSION OF ALUMINUM
BETA-DIKETONATE COMPLEXES BY NUCLEAR MAGNETIC RESONANCE
STUDIES OF RACEMIC MIXTURES
REPRINTED FROM INORGANIC CHEMISTRY, 6, 2022-2029 /1967/
OAR ACCESS NO.....209701-021
ODC NUMBER.....AD665703
INSTN...ARL-7023-00-07
PROJECT.....7023

ARL 67-0233V
AEROSPACE RESEARCH LABORATORIES
HYDROGENATION PRODUCT OF TETRAPHENYLMETHANE, THE
CYCLOHEXYL, PHENYL TETRASUBSTITUTED METHANES
REPRINTED FROM JOURNAL OF ORGANIC CHEMISTRY, 32, 3723
/1967/
OAR ACCESS NO.....209723-012
ODC NUMBER.....AD665544
INSTN...ARL-7023-00-09
PROJECT.....7023

ARL 67-0226V
AEROSPACE RESEARCH LABORATORIES
SIMILARITY SOLUTIONS FOR THE COMPRESSIBLE LAMINAR BOUNDARY
LAYER WITH HEAT AND MASS TRANSFER
THE PHYSICS OF FLUIDS, VOL. 10, NO. 8, AUGUST 1967,
OAR ACCESS NO.....209900-009
ODC NUMBER.....AD665717
INSTN...ARL-7064-00-06
PROJECT.....7064

ARL 67-0227V
AEROSPACE RESEARCH LABORATORIES
A DESTABILIZING EFFECT OF SEVERE NOSE BLUNTNESS
SPACECRAFT AND ROCKETS, VOL. 4, NO. 10, OCTOBER 1967,
OAR ACCESS NO.....209450-007
ODC NUMBER.....AD665440
INSTN...ARL-7064-00-31
PROJECT.....7064

ARL 67-0228
AEROSPACE RESEARCH LABORATORIES
RATIOS OF MEANS AND APPLICATIONS
REPRINTED FROM INEQUALITIES, PP. 243-304, OCTOBER 1967
OAR ACCESS NO.....210320-019
ODC NUMBER.....AD665449
INSTN...ARL-7071-00-15
PROJECT.....7071

ARL 67-0229V
AEROSPACE RESEARCH LABORATORIES
IRREGULAR REFRACTION OF A STRONG SHOCK WAVE BY A MEDIUM OF
HOT GAS
THE PHYSICS OF FLUIDS /RESEARCH NOTE/, VOL. 10, NO. 2, PP
455-457, /FEBRUARY 1967/
OAR ACCESS NO.....211370-002
ODC NUMBER.....AD665702
INSTN...ARL-7063-00-14
PROJECT.....7063

ARL 67-0230
AEROSPACE RESEARCH LABORATORIES
BOUNDARY DIFFERENCES OF MEANS
REPRINTED FROM INEQUALITIES, PP. 243-304, OCTOBER 1967
OAR ACCESS NO.....210320-020
ODC NUMBER.....AD665443
INSTN...ARL-7071-00-15
PROJECT.....7071

ARL 67-0231V
AEROSPACE RESEARCH LABORATORIES
AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF
CADMIUM SULFIDE SINGLE-CRYSTAL PLATELETS
J. APPL. PHYS., 38, 9, 1967-1968, AUGUST 1967
OAR ACCESS NO.....210400-002
ODC NUMBER.....AD665481
INSTN...ARL-7063-00-04
PROJECT.....7063

ARL 67-0232V
AEROSPACE RESEARCH LABORATORIES
INTERNAL-CONVERSION-ELECTRON STUDY OF THE DECAY OF BA133 TO
CS133
PHYS REV, VOL 159, NO. 4, 951-958, 20 JUL 67
OAR ACCESS NO.....210430-009
ODC NUMBER.....AD665806
INSTN...ARL-7112-00-02
PROJECT.....7112

ARL 67-0234T
AEROSPACE RESEARCH LABORATORIES
OPTICAL MEASUREMENT OF RADIAL DENSITY DISTRIBUTIONS IN A
HIGH-SPEED CONFINED AIR VORTICE, FINAL REPORT DEC 1967
OAR ACCESS NO.....211290-002
ODC NUMBER.....AD666060
INSTN...ARL-7111-00-04
PROJECT.....7116

ARL 67-0236U
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
MHD BOUND PIPE FLOW EXPERIMENTS, FINAL REPORT, DEC 1967
OAR ACCESS NO.....210710-001
ODC NUMBER.....AD665870
INSTN...AF-33/619/05269
PROJECT.....7063

ARL 67-0237W
ASSOCIATION OF THE FRIENDS OF THE PHYSICS LABORATORY
STRUCTURE DE BANDE DES CONUS 11-VI
JOURNAL ARTICLE - J. PHYS. C, 3 28, C 3-36, 1967
OAR ACCESS NO.....209091-005
INSTN...AF-61/052/00757
PROJECT.....7085

ARL 67-0238W
NEW YORK UNIVERSITY
SYMMETRY CHANGES, PHASE TRANSITIONS AND FERROELECTRICITY
PUBLISHED IN FERROELECTRICITY, AMSTERDAM, 1967
OAR ACCESS NO.....209061-005
INSTN...AF-33/619/01746
PROJECT.....7085

ARL 67-0239W
UNION UNIVERSITY
LIFETIME GRADIENT PHOTOVOLTAGE IN SEMICONDUCTORS
JOURNAL OF APPLIED PHYSICS FEBRUARY 1967
OAR ACCESS NO.....209031-002
INSTN...AF-33/615/02310
PROJECT.....7085

ARL 67-0240W
DUFFIN UNIVERSITY OF BELFAST
ELECTRON CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND
PARADAY DARK SPACE
INTERNATIONAL JOURNAL OF ELECTRONICS, DECEMBER 1967
OAR ACCESS NO.....211300-001
INSTN...AF-6048-0042-07
PROJECT.....7073

ARL 67-0241W
ASSOCIATION OF THE FRIENDS OF THE PHYSICS LABORATORY
OPTICAL PROPERTIES OF COPPOUS OXIDE IN THE ULTRAVIOLET
OPTICAL PROPERTIES OF COPPOUS OXIDE IN THE ULTRAVIOLET
PUBLISHED - SOLID STATE COM. 5, 85, 1967
OAR ACCESS NO.....209091-006
INSTN...AF-61/052/00757
PROJECT.....7085

ARL 67-0242V
AEROSPACE RESEARCH LABORATORIES
THE DEFORMATION BEHAVIOR OF NON-ISOAXIAL BICRYSTALS OF
FE-3 PERCENT SI
REPRINTED FROM ACTA METALLURGICA, VOL. 15, JULY 1967
OAR ACCESS NO.....209450-002
ODC NUMBER.....AD665583
INSTN...ARL-7021-00-04
PROJECT.....7021

ARL 67-0243V
AEROSPACE RESEARCH LABORATORIES
ESTIMABILITY OF VARIANCE COMPONENTS FOR THE TWO-WAY
CLASSIFICATION WITH INTERACTION
THE ANNALS OF MATHEMATICAL STATISTICS, VOL. 38, NO. 5, PP
1508-1519, OCTOBER 1967
BY HARVILLE D A
DAR ACCESS NO.....210272-006
INSTR...ARL-7071-00-10
PROJECT.....7071

ARL 67-0244W
PRINCETON UNIVERSITY
COOLED ELECTROSTATIC PROBE
AIAA JOURNAL, VOL. 5, PP 94-99, /JANUARY 1967/
BY GREY J
JACOBS P F
DAR ACCESS NO.....207740-003
INSTR...AF-33/657/09962
PROJECT.....7063

ARL 67-0245W
AVCO CORPORATION
PLASMA ACCELERATION IN AN ELECTRICAL DISCHARGE BY THE SELF-
INDUCED MAGNETIC FIELD
JOURNAL OF APPLIED PHYSICS, VOL. 38, NO. 9, PP 3611-3619, /
AUGUST 1967/
BY MALLIARIS A C
DAR ACCESS NO.....209200-002
INSTR...AF-33/657/11310
PROJECT.....7063

ARL 67-0246W
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
THERMAL EXPANSION OF ZNS FROM 2 DEGREES TO 317 DEGREES K
J. APPL. PHYS. 38, 4, 1531-1534 /15 MARCH 1967/
BY REEBER R H
PINNELL G W
DAR ACCESS NO.....204420-032
INSTR...AF-33/615/02270
PROJECT.....7885

ARL 67-0247V
AEROSPACE RESEARCH LABORATORIES
THE ACTIVITY OF COPPER IN SOLID COPPER-PLATINUM ALLOYS AND
SOME OBSERVATIONS ON THE ORDERING OF CUSUM3PT
REPRINT FROM ACTA METALLURGICA, VOL. 15, JULY 1967
BY HIDEFELL L R
SCHULZ J J
SAXEN R K
DAR ACCESS NO.....209960-005
INSTR...ARL-7021-00-05
PROJECT.....7021

ARL 67-0248V
AEROSPACE RESEARCH LABORATORIES
FURTHER COMMENTS ON THE PAPER FOR THE INTERPRETATION OF
ELECTRON DIFFRACTION PATTERNS FROM AMORPHOUS BORON/
REPRINTED FROM PHYSICA STATUS SOLIDI, VOL. 19, JANUARY 1967
BY GYFF H M
LEPSITT M A
LINDQUIST P F
HAMMOND M L
BRAGG M H
DAR ACCESS NO.....209920-003
INSTR...ARL-7021-00-01
PROJECT.....7021

ARL 67-0249W
MARQUETTE UNIVERSITY
PREPARATION OF THIN SECTIONS BY ION NONABRADEMENT FOR
TRANSMISSION ELECTRON MICROSCOPY
REPRINTED FROM THE REVIEW OF SCIENTIFIC INSTRUMENTS, VOL.
BY HINTNER W W
MELVILLE A T
WACKMAN P H
DAR ACCESS NO.....208270-009
INSTR...AF-33/615/01244
PROJECT.....7021

ARL 67-0250W
MARQUETTE UNIVERSITY
STUDIES OF THE DEFECT STRUCTURE OF NONSTOICHIOMETRIC RUTILE
TiO₂SO₂-A
REPRINTED FROM JOURNAL OF THE ELECTROCHEMICAL SOC., VOL.
114, NO. 2
BY HLUMENTHAL R N
BAUKUS J
HINTNE W W
DAR ACCESS NO.....208270-010
INSTR...AF-33/615/01244
PROJECT.....7021

ARL 67-0251V
AEROSPACE RESEARCH LABORATORIES
SUPERSONIC WIND-TUNNEL TESTS OF WAVY-WALLED CYLINDERS
AIAA JOURNAL /TECH NOTE/, VOL. 5, NO. 9, PP 595-597 /
MARCH 1967/
BY ANDERSON W J
DAR ACCESS NO.....209740-002
INSTR...ARL-7063-00-02
PROJECT.....7063

ARL 67-0252W
PURDUE UNIVERSITY
DISTRIBUTION-FREE LIFE TEST SAMPLING PLANS
REPRINT FROM TECHNOMETRICS, VOL. 8 /1966/, PP. 591-613
BY HARLOW R E
GUPTA S S
DAR ACCESS NO.....207130-004
INSTR...AF-33/657/11737
PROJECT.....7071

ARL 67-0253W
PURDUE UNIVERSITY
ON THE DISTRIBUTION OF LINEAR FUNCTIONS AND RATIOS OF
LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM
VARIABLES WITH EMPHASIS ON RANGE
REPRINT FROM BIOMETRIKA, VOL. 51, /1964/, PP. 143-151.
BY GUPTA S S
PILLAI K C S
STECK G P
DAR ACCESS NO.....207130-005
INSTR...AF-33/657/11737
PROJECT.....7071

ARL 67-0254V
AEROSPACE RESEARCH LABORATORIES
ON INVOLUTIONS
JOURNAL OF RESEARCH OF NATIONAL BUREAU OF STANDARDS, VOL
71B, NO 1, PP 19-20, JANUARY-MARCH 1967
BY SHISHA O
MARR C B
DAR ACCESS NO.....210320-018
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 67-0255W
PURDUE UNIVERSITY
ON THE BIVARIATE MOMENTS OF ORDERED STATISTICS FROM A
LOGISTIC DISTRIBUTION
REPRINT FROM ANNALS OF MATHEMATICAL STATISTICS, VOL. 37/
1966/, PP. 1002-1010.
BY SHAM B K
DAR ACCESS NO.....207130-006
INSTR...AF-33/657/11737
PROJECT.....7071

ARL 67-0256W
PURDUE UNIVERSITY
EXACT MOMENTS AND PERCENTAGE POINTS OF THE ORDER STATISTICS
AND THE DISTRIBUTION OF THE RANGE FROM THE LOGISTIC
DISTRIBUTION
REPRINT FROM ANNALS OF MATHEMATICAL STATISTICS, VOL. 36/
1965/, PP. 407-420
BY GUPTA S S
SHAM B K
DAR ACCESS NO.....207130-007
INSTR...AF-33/657/11737
PROJECT.....7071

ARL 67-0257W
PURDUE UNIVERSITY
ON SOME MULTIPLE DECISION /SELECTION AND RANKING/ RULES
REPRINT FROM TECHNOMETRICS, VOL. 17, PP 225-245, 1965
BY GUPTA S S
DAR ACCESS NO.....207130-008
INSTR...AF-33/657/11737
PROJECT.....7071

ARL 67-0258W
PURDUE UNIVERSITY
ESTIMATION OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION
BIOMETRIKA, VOL. 53, PP 565-570, 1966
BY SHANTI S I
GHANADESIKAR M
DAR ACCESS NO.....207130-009
INSTR...AF-33/657/11737
PROJECT.....7071

ARL 67-0259W
PURDUE UNIVERSITY
A SYSTEM OF INEQUALITIES FOR THE INCOMPLETE GAMMA FUNCTION
AND THE NORMAL INTEGRAL
ANNALS OF MATHEMATICAL STATISTICS, VOL 36, NO 1, PP 134-149
FEBRUARY 1965
BY GUPTA S S
WAKNIS M N
DAR ACCESS NO.....207130-010
INSTR...AF-33/657/11737
PROJECT.....7071

ARL 67-0260W
PURDUE UNIVERSITY
ON LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM
VARIABLES
REPRINT FROM BIOMETRIKA, VOL 52/1965/, PP. 367-379
BY GUPTA S S
PILLAI K C S
DAR ACCESS NO.....207130-011
INSTR...AF-33/657/11737
PROJECT.....7071

ARL 67-0261W
PURDUE UNIVERSITY
BEST LINEAR UNBIASED ESTIMATORS OF THE PARAMETERS OF THE
LOGISTIC DISTRIBUTION USING ORDER-STATISTIC
TECHNOMETRICS, VOL. 9, NO. 1, PP. 43-56, FEBRUARY 1967
DAR ACCESS NO.....207130-012
BY GUPTA S S
GUREISHI A S
SHAH B K
INSTR...AF-33/057/11737
PROJECT.....7071

ARL 67-0262W
TECHNISCHE HOCHSCHULE MÜNCHEN
TEMPERATURE MEASUREMENTS FROM A HIGH POWER ARGON ARC
ZEITSCHRIFT FÜR PHYSIK 205, PP. 303-312, /MAY 1967/
DAR ACCESS NO.....209480-002
BY BAUDER U
INSTR...AF-61/057/00649
PROJECT.....7063

ARL 67-0263W
TECHNISCHE HOCHSCHULE MÜNCHEN
DETERMINATION OF CROSS SECTIONS FROM MEASUREMENTS ON
CYLINDRICAL CASCADE ARCS
ZEITSCHRIFT FÜR PHYSIK, 205, PP. 313-327, /MAY 1967/
DAR ACCESS NO.....209480-003
BY MONTERDE-GARCIA A
HERMANN W
INSTR...AF-61/052/00649
PROJECT.....7063

ARL 67-0264W
UNIVERSITY OF ILLINOIS
OPTICAL MIXING IN THE ATOMIC STATES OF A HELIUM LASER
DAR ACCESS NO.....210870-001
BY CHERRINGTON B E
VEROFFEN J
DOC NUMBER.....AD665572
INSTR...AF-33/615/05248
PROJECT.....7073

ARL 67-0265W
STATE UNIVERSITY OF NEW YORK AT BUFFALO
OSCILLATIONS OF ELECTRIC ARCS IN ARGON CROSS-FLOW
AIAA JOURNAL /TECH NOTE/ VOL. 5, NO. 8, PP. 1517-1519,
/AUGUST 1967/
DAR ACCESS NO.....207840-001
BY BENENSON D
NAEHER C H
GIDEON J B
INSTR...AF-33/615/01797
PROJECT.....7063

ARL 67-0266W
NEW YORK UNIVERSITY
DECAY OF A DISTURBANCE IN AN INCOMPRESSIBLE, ZERO-PRESSURE-
GRADIENT FLOW
AIAA JOURNAL, VOL. 5, NO. 4, APRIL 1967,
DAR ACCESS NO.....209300-016
BY KLEINSTEIN G
DOC NUMBER.....AD6672458
INSTR...AF-33/615/02715
PROJECT.....7064

ARL 67-0267W
NEW YORK UNIVERSITY
LATTICE DYNAMICS OF WURTZITE/CDS
PHYS. REV. 150, 925 /1967/
DAR ACCESS NO.....209061-006
BY NUSIMOVICI M A
BIRMAN J L
INSTR...AF-33/615/01746
PROJECT.....7065

ARL 67-0268W
CORNELL AERONAUTICAL LABORATORY INC
VISCOUS HYPERSONIC FLOW OVER POINTED CONES AT LOW REYNOLDS
NUMBERS
AIAA JOURNAL, VOL. 5, NO. 2, FEBRUARY 1967,
DAR ACCESS NO.....207401-003
BY WALDRON H F
INSTR...AF-33/615/01205
PROJECT.....7064

ARL 67-0269W
AEROSPACE RESEARCH LABORATORIES
AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF II-VI
COMPOUND SINGLE CRYSTAL PLATELETS
JOURNAL OF APPLIED PHYSICS 38 NO. 4, 3662 /AUGUST 1967/
DAR ACCESS NO.....210590-004
BY GREENE L C
GEESNER C R
INSTR...ARL-7005-30-05
PROJECT.....7065

ARL 67-0270V
AEROSPACE RESEARCH LABORATORIES
VERGLEICH DER EMPFINDLICHKEIT VON FILMEN UND BELOVERSTARKER
-FILM-KOMBINATIONEN
ZEITSCHRIFT FÜR INSTRUMENTENKUNDE 75, JAHRGANG, HEFT 8,
DRAUSCHWEIG AUGUST 1967
DAR ACCESS NO.....210570-015
BY GEBEL R K M
DUKE G L
WESTHEOT H R
INSTR...ARL-7005-00-03
PROJECT.....7065

ARL 67-0271T
AEROSPACE RESEARCH LABORATORIES
A STUDY OF RADIATION CHARACTERISTICS AND ITS SUPPRESSION
FROM THE PLUME OF A JET AIRCRAFT DURING AFTERBURNER
OPERATION, FINAL REPORT DEC 1967
DAR ACCESS NO.....211150-008
DOC NUMBER.....AD366762-
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 67-0272U
WILKES COLLEGE
AMPLITUDE-DEPENDENT AND AMPLITUDE-INDEPENDENT INTERNAL
FRICTION IN SODIUM CHLORIDE
DAR ACCESS NO.....208431-003
BY HOLDEN S J
WUONOWICZ T J
HESLIN T M
DOC NUMBER.....AD665822
INSTR...AF-33/615/01524
PROJECT.....7021

ARL 67-0273T
AEROSPACE RESEARCH LABORATORIES
SOLUTIONS OF LAMINAR BOUNDARY EQUATIONS WITH EMPHASIS ON
SEPARATION, PART I - EXACT METHODS, PART II - INTEGRAL
METHODS
DAR ACCESS NO.....209900-010
BY PALL K C W
HARKEY W L
DOC NUMBER.....AD665823
INSTR...ARL-7004-00-06
PROJECT.....7064

ARL 67-0274U
NEW YORK UNIVERSITY
SOME OBSERVATIONS ON HETEROGENEOUS MIXING INSIDE CHANNELS
DAR ACCESS NO.....209300-013
BY FENRI A
EDELMAN R
DOC NUMBER.....AD665572
INSTR...AF-33/615/02215
PROJECT.....7064

ARL 67-0275U
UNION UNIVERSITY
NATURAL CONVECTION FROM A HORIZONTAL CYLINDER AT MODERATE
GRASHOF NUMBERS
DAR ACCESS NO.....207852-002
BY PETERKA J A
RICHARDSON P D
DOC NUMBER.....AD666433
INSTR...F33615-67-C-1754
PROJECT.....7063

ARL 67-0276U
UNIVERSITY OF MICHIGAN
ANALYSIS AND DESIGN OF A HIGH PRESSURE A.C. ARC HEATER,
FINAL REPORT DEC 1967
DAR ACCESS NO.....207261-002
BY GEISTER D E
DOC NUMBER.....AD665825
INSTR...AF-33/615/01378
PROJECT.....7065

ARL 67-0277U
UNIVERSITY OF CINCINNATI
STUDY OF TRAPPING PROPERTIES AND IR STIMULABILITY OF ZINC
SULPHIDE
DAR ACCESS NO.....209520-021
BY BAIN G
THOMA P
DOC NUMBER.....AD666075
INSTR...AF-33/615/02272
PROJECT.....7065

ARL 67-0278U
UNIVERSITY OF TORONTO
IMPLICATION DRIVEN HYPERVELOCITY LAUNCHER PERFORMANCE USING
GASEOUS DETONATION WAVES
DAR ACCESS NO.....207201-007
BY WATSON J D
DOC NUMBER.....AD666823
INSTR...AF-33/615/02766
PROJECT.....7065

ARL 67-0279T
AEROSPACE RESEARCH LABORATORIES
SPATIAL RESOLUTION OF EMISSION AND ABSORPTION COEFFICIENTS
IN SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY
DAR ACCESS NO.....210360-003
BY DIKELAND J W
OSS J P
DOC NUMBER.....AD665826
INSTR...ARL-7073-00-01
PROJECT.....7073

ARL 67-0280U
UNIVERSITY OF CINCINNATI
PRELIMINARY ANALYTICAL EXPLORATIONS OF HEAT TRANSFER FROM
BOUNDARY LAYERS CONTAINING STREAMWISE VORTICES, FINAL
REPORT DEC 1967
DAR ACCESS NO.....209520-022
BY PERSEN L N
DOC NUMBER.....AD666436
INSTR...AF-33/615/02272
PROJECT.....7063

ARL 67-0211U
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DESIGN AND EVALUATION OF A RADIO FREQUENCY PLASMA SOURCE /
PART 1/ SPFP-EXCITED OSCILLATOR
BY BOFDEREN L M
COFFIN J R JR
COVERT P E
HALDEMAN C W
DAR ACCESS NO.....209010-001
DOC NUMBER.....AD666689
INSTR...AF-33/615/02790
PROJECT.....7085

ARL 67-0211V
AVCO CORPORATION
PHENOMENA IN THE CATHODE REGION OF AN MPD ACCELERATOR
AIAA JOURNAL, VOL. 5, NO. 7, PP. 1323-1328 / JULY 1967 / ALSO
PRESENTED AT 5TH AEROSPACE SCIENCES MEETING, AIAA N.Y. /
JAN 1967 / AIAA PAPER NO. 67-47
BY MALLIANTIS A C
DAR ACCESS NO.....209200-003
DOC NUMBER.....AD666744
INSTR...AF-33/657/11310
PROJECT.....7063

ARL 67-0212U
CLEVITE CORPORATION
FABRICATION OF CADMIUM SULFIDE THIN FILM SOLAR CELLS FOR
SPACE VEHICLE TESTING FINAL REPORT DEC 1967
BY NASTELIN H E
HEITANEN J R
SHIRLAND F A
DAR ACCESS NO.....210610-001
DOC NUMBER.....AD666639
INSTR...AF-33/615/03753
PROJECT.....7885

ARL 67-0213U
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CONTRIBUTION TO THE KNOWLEDGE OF MAGNETIC BALANCE AND
SUSPENSION SYSTEMS
BY COPELAND A M
COVERT C E
PETERSEN H A
STUMPHENS T
DAR ACCESS NO.....207191-006
DOC NUMBER.....AD666668
INSTR...AF-33/615/01470
PROJECT.....7085

ARL 67-0214U
UNIVERSITE DE PARIS A LA SORBONNE
BAND PARAMETERS DETERMINATION FROM FARADAY ROTATION
MEASUREMENTS
BY RALKANSKI M
ANAZALLAG E
DAR ACCESS NO.....209091-003
DOC NUMBER.....AD666689
INSTR...AF-61/052/00757
PROJECT.....7885

ARL 67-0215U
UNIVERSITE DE PARIS A LA SORBONNE
MANN STRUCTURE AND DISPERSION RELATIONS IN II-VI COMPOUNDS
BY RALKANSKI M
DAR ACCESS NO.....209091-004
DOC NUMBER.....AD666689
INSTR...AF-61/052/00757
PROJECT.....7885

ARL 67-0216V
AEROSPACE RESEARCH LABORATORIES
INTERACTION BETWEEN DETONATION WAVES AND FLOWFIELDS
AIAA JOURNAL, PP. 868-873, MAY 1967
BY MCKENNA W W
DAR ACCESS NO.....210400-007
DOC NUMBER.....AD666576
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 67-0217W
UNIVERSITY OF MICHIGAN
BOUNDARY-LAYER ANALYSIS OF TWO-PHASE FLOW OVER AN
OSCILLATING FLAT PLATE
AIAA JOURNAL, VOL. 5, NO. 1, PP. 63 / JANUARY 1967 /
BY GOLOSTEIN M E
YANG B
CLARK J A
DAR ACCESS NO.....207690-002
DOC NUMBER.....AD666571
INSTR...AF-33/657/08368
PROJECT.....7063

ARL 67-0218W
UNIVERSITY OF MICHIGAN
MOMENTUM AND HEAT TRANSFER IN LAMINAR FLOW OF GAS WITH
LIQUID DROPLET SUSPENSION OVER A CIRCULAR CYLINDER
TRANSACTIONS OF ASME JOURNAL OF HEAT TRANSFER, VOL. 89, NO.
2 PP. 185-193 / MAY 1967 /
BY GOLDFSTEIN M E
YANG B
CLARK J A
DAR ACCESS NO.....207690-001
DOC NUMBER.....AD666571
INSTR...AF-33/657/08368
PROJECT.....7063

ARL 67-0219W
TECHNION, ISRAEL INSTITUTE OF TECHNOLOGY
ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING
THE MOMENTUM INTEGRAL METHOD
JOURNAL OF SPACECRAFT AND ROCKETS, VOL. 3, NO. 10, PP. 1508-
1509 / OCTOBER 1966
BY RUM J
DAR ACCESS NO.....207060-006
DOC NUMBER.....AD666522
INSTR...AF-61/052/00576
PROJECT.....7063

ARL 67-0220W
BROWN UNIVERSITY
THE TRANSFER OF HEAT ACROSS A TWO-DIMENSIONAL, OSCILLATING
BOUNDARY LAYER
ZEITSCHRIFT FUR FLUID MECHANIK, VOL. 15, PP. 277-285 /
AUGUST/SEPT. 1967 /
BY KESTIN J
PENSLEY L M
SHAN V L
DAR ACCESS NO.....207451-008
DOC NUMBER.....AD666730
INSTR...AF-33/615/01263
PROJECT.....7061

ARL 67-1000L
AEROSPACE RESEARCH LABORATORIES
CONCEPTS OF SPACE CHEMISTRY
PRESENTED AT CARROLL HIGH SCHOOL, 25 SEP 66 / WAYNE HIGH
SCHOOL, 18 MAR 67 / BEAVERCREEK HIGH SCHOOL, 13 JAN 67 /
CARROLL HIGH SCHOOL, 1 NOV 67.
BY TERRY J O
DAR ACCESS NO.....209730-025
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1001L
AEROSPACE RESEARCH LABORATORIES
IONIC HEATS OF TRANSPORT IN INFINITE DILUTE AQUEOUS
SOLUTIONS
PRESENTED AT CAMBRIDGE UNIV, 3 MAY 67 / FREE UNIV OF
BRUSSELS, 26 JAN 67 / SORBONNE, PARIS, 24 JAN 67 /
BY BIERLEIN J A
DAR ACCESS NO.....209650-006
INSTR...ARL-7023-00-02
PROJECT.....7023

ARL 67-1002L
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS LINEAR ESTIMATION OF THE MEAN AND STANDARD
DEVIATION OF THE NORMAL AND LOGISTIC DISTRIBUTION BY THE
USE OF SELECTED ORDER STATISTICS FROM DOUBLY CENSORED
GRE/MATH/67-10 AFIT THESIS
BY SIMPSON S
DAR ACCESS NO.....210280-012
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-1003L
AEROSPACE RESEARCH LABORATORIES
DEVIATIONS CONDITIONAL ESTIMATION OF THE STANDARD OF THE
NORMAL AND LOGISTIC DISTRIBUTIONS FROM DOUBLY CENSORED
SAMPLES USING SELECTED ORDER STATISTICS
GRE/MATH/67-9 AFIT THESIS
BY MORSCH D J JR
DAR ACCESS NO.....210280-013
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-1004L
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS LINEAR ESTIMATION OF THE LOCATION AND SCALE
PARAMETERS OF THE EXTREME-VALUE DISTRIBUTION USING SELECTED
ORDER STATISTICS FROM DOUBLY CENSORED SAMPLES
GRE/MATH/67-2 AFIT THESIS
BY FRANKIE W F
DAR ACCESS NO.....210280-014
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-1005L
AEROSPACE RESEARCH LABORATORIES
CONDITIONAL LINEAR ESTIMATION OF THE SCALE PARAMETER OF THE
EXTREME-VALUE DISTRIBUTION BY USE OF SELECTED ORDER
STATISTICS FROM DOUBLY CENSORED SAMPLES
GRE/MATH/67-1 AFIT THESIS
BY CLWER G E
DAR ACCESS NO.....210280-015
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-1006L
AEROSPACE RESEARCH LABORATORIES
A COMPUTER STUDY OF THE ESTIMATED PROPAGATION OF ERRORS IN
THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL
EQUATIONS
GRE/AF/67A-13 AFIT MASTER'S THESIS
BY ZANE M C
DAR ACCESS NO.....211340-002
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 67-1007L
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION OF MOTION IN CIRCULAR SPACE USING THE VERY
RESTRICTED FOUR-BODY MODEL
BY GOUNAUD R L JR
DAR ACCESS NO.....211340-003
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 67-10081
AEROSPACE RESEARCH LABORATORIES
NON-WHITE RANDOM EXCITATION OF NONLINEAR SYSTEMS
SC/EE/67-9 APIT MASTERS THESIS
BY BROWN T J
MCALPINE R B
OAR ACCESS NO.....210230-002
INSTR...ARL-7071-00-06
PROJECT.....7071

ARL 67-10091
AEROSPACE RESEARCH LABORATORIES
OPTIMAL STATION KEEPING AT THE L4 LIBRATION POINT
SC/EE/67-10 APIT MASTERS THESIS
BY STEINBERG I R
OAR ACCESS NO.....211340-004
INSTR...ARL-7071-00-27
PROJECT.....7071

ARL 67-1010J
UNIVERSITY OF DAYTON
INVESTIGATION OF ULTRASONIC WAVES IN II-VI SEMICONDUCTORS
MS THESIS, UNIVERSITY OF DAYTON APRIL 1967
BY FRISILLO AL JR
OAR ACCESS NO.....211020-001
INSTR...F33615-67-C-1027
PROJECT.....7085

ARL 67-1011J
UNIVERSITY OF DAYTON
REFRACTIVE INDEX OF ZNO SINGLE CRYSTALS
MS THESIS, UNIVERSITY OF DAYTON
BY FITZPATRICK D E
OAR ACCESS NO.....211020-008
INSTR...F33615-67-C-1027
PROJECT.....7085

ARL 67-1012J
UNIVERSITY OF DAYTON
THERMAL CONDUCTIVITY MEASUREMENTS BELOW 4.2 DEGREES K
MS THESIS, UNIVERSITY OF DAYTON APRIL 1967
BY ROEDERSHEIMER R J
OAR ACCESS NO.....211020-002
INSTR...F33615-67-C-1027
PROJECT.....7085

ARL 67-1013I
U S A F INSTITUTE OF TECHNOLOGY
ULTRAVIOLET REFLECTIVITY STUDIES OF COS/SE SINGLE CRYSTAL
SOLID SOLUTIONS
THESIS GME/PM 67-6 /AFIT/
BY FRANE C R
OAR ACCESS NO.....210580-006
INSTR...ARL-7085-00-04
PROJECT.....7085

ARL 67-1014I
AEROSPACE RESEARCH LABORATORIES
THE VOLATILE RARE EARTH CHELATES OF 1,1,1,2,2,3,3-
HEPTAFLUORO-7,7-DIMETHYL-4,4-OCTANEDIONE
PH.D. THESIS, THE OHIO STATE UNIVERSITY /1967/
BY SPRINGER C S
OAR ACCESS NO.....209700-023
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1015I
AEROSPACE RESEARCH LABORATORIES
A PULSE EXCITATION METHOD OF DETERMINING NANOSECOND
FLUORESCENT LIFETIMES
M.S. THESIS, APIT /MARCH 1967/
BY MCINTOSH J A
OAR ACCESS NO.....209660-006
INSTR...ARL-7023-00-03
PROJECT.....7023

ARL 67-1016I
AEROSPACE RESEARCH LABORATORIES
THE RADIATION CHEMISTRY OF CYCLOPENTANE
PH.D. THESIS, UNIVERSITY OF FLORIDA, APRIL 1967.
BY HUGHES B H
OAR ACCESS NO.....209730-026
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1017J
IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY
THE ADSORPTION OF METAL CHELATE COMPLEXES FROM ORGANIC
SOLUTIONS
PH.D. THESIS, UNIVERSITY OF LONDON, 1967.
BY BRADLEY M P T
OAR ACCESS NO.....208220-002
INSTR...AF-61/052/00603
PROJECT.....7023

ARL 67-1018A
AEROSPACE RESEARCH LABORATORIES
THE USE OF ORDER STATISTICS IN ESTIMATION
PRESENTED AT/ NATIONAL MEETING, OPERATIONS RESEARCH SOCIETY
OF AMERICA, NEW YORK N.Y. /MAY-JUNE 1967/
BY HARTER M L
OAR ACCESS NO.....210280-016
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-1019A
AEROSPACE RESEARCH LABORATORIES
PRESENTATION OF ASPECTS OF CURRENT STATISTICAL RESEARCH
PRESENTED AT/ MEETING OF OOD-NASA LIAISON GROUP FOR
RESEARCH IN STATISTICAL QUALITY CONTROL AND RELIABILITY AT
WPAFB /FEB 67/
BY HARTER M L
LUN M D
OAR ACCESS NO.....210280-017
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-1020A
AEROSPACE RESEARCH LABORATORIES
BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO
CORRELATION BETWEEN RANDOM EFFECTS AND THE NUMBER OF
OBSERVATIONS ON THE EFFECTS
PRESENTED AT/ DAYTON AREA CHAPTER OF THE AMERICAN
STATISTICAL ASSOCIATION /APR 67/
BY HARVILLE D A
OAR ACCESS NO.....210272-002
INSTR...ARL-7071-00-10
PROJECT.....7071

ARL 67-1021A
AEROSPACE RESEARCH LABORATORIES
BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO
CORRELATIONS BETWEEN RANDOM EFFECTS AND THE NUMBERS OF
OBSERVATIONS ON THE EFFECTS/ I. ONE-WAY CLASSIFICATION
PRESENTED AT/ CORNELL UNIVERSITY /JUNE 1967/
BY HARVILLE D A
OAR ACCESS NO.....210272-003
INSTR...ARL-7071-00-10
PROJECT.....7071

ARL 67-1022A
AEROSPACE RESEARCH LABORATORIES
BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO
CORRELATIONS BETWEEN RANDOM EFFECT AND THE NUMBERS OF
OBSERVATIONS ON THE EFFECTS/ II. TWO-WAY CLASSIFICATION
PRESENTED AT/ CORNELL UNIVERSITY /JUNE 1967/
BY HARVILLE D A
OAR ACCESS NO.....210272-004
INSTR...ARL-7071-00-10
PROJECT.....7071

ARL 67-1026A
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS TEST PROCEDURES
PRESENTED AT/ UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL /
1967/
BY KRISHNAIAH P R
OAR ACCESS NO.....210290-011
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 67-1026A
AEROSPACE RESEARCH LABORATORIES
MULTIPLE COMPARISON TESTS
PRESENTED AT/ PURDUE UNIVERSITY /1967/
BY KRISHNAIAH P R
OAR ACCESS NO.....210290-012
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 67-1027A
AEROSPACE RESEARCH LABORATORIES
MULTIPLE COMPARISONS FOR MULTIVARIATE PROBLEMS
PRESENTED AT/ OHIO STATE UNIVERSITY /1967/
BY KRISHNAIAH P
OAR ACCESS NO.....210290-013
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 67-1028A
AEROSPACE RESEARCH LABORATORIES
MULTIPLE COMPARISON TESTS FOR GROWTH CURVES
PRESENTED AT/ JOINT MEETING OF CINM, COLUMBUS & DAYTON
CHAPTERS OF AMERICAN STATISTICAL ASSOCIATION /MAY 1967/
BY KRISHNAIAH P R
OAR ACCESS NO.....210290-014
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 67-1029A
AEROSPACE RESEARCH LABORATORIES
SYMMETRIC QUALITY IN MATHEMATICAL PROGRAMMING
PRESENTED AT/ MATHEMATICS SEMINAR, OHIO UNIVERSITY, ATHENS,
OHIO /JAN 12, 1967/
BY MOND B
QAR ACCESS NO.....210320-011
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 67-1030A
AEROSPACE RESEARCH LABORATORIES
SYMMETRIC QUALITY IN MATHEMATICAL PROGRAMMING
PRESENTED AT/ MATHEMATICS COLLOQUIUM, UNIVERSITY OF CINN,
CINN, OHIO /FEB 23, 1967/
BY MOND B
QAR ACCESS NO.....210320-012
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 67-1031A
AEROSPACE RESEARCH LABORATORIES
A NONLINEAR MODEL FOR BLOOD SUGAR CONTROL IN THE HUMAN BODY
PRESENTED AT/ MAYO CLINIC /JAN 1967/
BY WOLAVER L E
QAR ACCESS NO.....210230-003
INSTR...ARL-7071-00-06
PROJECT.....7071

ARL 67-1032A
AEROSPACE RESEARCH LABORATORIES
PERCENTAGE POINTS OF WILCOX TEST STATISTICS
PRESENTED AT/ CENTRAL REGIONAL MEETING, INSTITUTE OF
MATHEMATICAL STATISTICS, COLUMBUS, OHIO /MARCH 1967/
BY HARTER H L
QAR ACCESS NO.....210280-010
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 67-1033A
AEROSPACE RESEARCH LABORATORIES
NUMERICAL ASPECTS OF MATHEW EIGENVALUES
PRESENTED AT/ MATHEMATICAL COLLOQUIUM, UNIVERSITY OF
CINCINNATI /MARCH 1967/
BY BLANCH G
QAR ACCESS NO.....210310-004
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 67-1034A
AEROSPACE RESEARCH LABORATORIES
LEVELS IN CISUPPER37 FROM THE SSUPPER10 /P,GAMMA
/CISUPPER37 REACTION
PRESENTED AT N. Y. APS MTG, JAN 67
BY HYDER A K
HARRIS G I
KENDZIORSKI F R
QAR ACCESS NO.....210420-012
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1035A
AEROSPACE RESEARCH LABORATORIES
LEVELS IN OSUPPER18 THROUGH ALPHA CAPTURE BY CISUPPER14
PRESENTED AT N. Y. APS MTG, JAN 67
BY LEE F D
WATSON D D
QAR ACCESS NO.....210420-013
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1036A
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF SOME EXCITED STATES IN CISUPPER35 REACTION
PRESENTED AT THE WISCONSIN MTG OF NUCL PHYS DIV OF THE APS
/OCT 67/
BY NANTHURUTHIL J C
LEE F D
WATSON D C
QAR ACCESS NO.....210420-014
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1037A
AEROSPACE RESEARCH LABORATORIES
ENERGY LEVELS OF OSUPPER30
PRESENTED AT N. Y. APS MTG, JAN 67
BY HARRIS G I
HYDER A K
QAR ACCESS NO.....210420-015
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1038A
GAMMA-RAY ANGULAR CORRELATION STUDIES AND ISOMERIC ANALOG
STATES IN 25-10 SHELL NUCLEI
PRESENTED TO UNIV OF MARYLAND /JUN 67/ SYMPOSIUM ON NUCLEAR
PHYSICS RESEARCH
BY HARRIS G I
QAR ACCESS NO.....2104...016
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1039A
AEROSPACE RESEARCH LABORATORIES
ANALOG STATES IN CISUPPER35
PRESENTED AT N. Y. APS MTG /JAN 67/
BY WATSON D C
NANTHURUTHIL J C
LEE F D
QAR ACCESS NO.....210420-017
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1040A
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF OSUPPER31 LEVELS DETERMINED FROM THE
SISUPPER30 /P,GAMMA /FSUPPER31 REACTION
PRESENTED AT N. Y. APS MTG, JAN 67
BY WILLIAMS H
HARRIS G I
QAR ACCESS NO.....210420-018
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1041A
AEROSPACE RESEARCH LABORATORIES
INTERNAL CONVERSION STUDY IN THE DECAY OF OSUPPER103
PRESENTED AT APS MTG, JAN 67
BY COTHEEN C R
NANTHURUTHIL J C
HENNECKE H
QAR ACCESS NO.....210430-002
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 67-1042A
AEROSPACE RESEARCH LABORATORIES
STUDY OF THE INTERNAL CONVERSION ELECTRON SPECTRUM IN THE
DECAY OF OS SUPPER 103
PRESENTED AT THE WISC. MTG OF THE NUCLEAR PHYSICS DIV OF
THE APS /OCT 67/
BY COTHEEN C R
HENNECKE H
NANTHURUTHIL J C
QAR ACCESS NO.....210430-003
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 67-1043A
AEROSPACE RESEARCH LABORATORIES
PENETRATION EFFECTS FOR THE 161 KEV TRANSITION IN CS SUPPER
133
PRESENT AT N. Y. APS MTG JAN 67
BY HENNECKE H
NANTHURUTHIL
DENGMIN U
COTHEEN C R
QAR ACCESS NO.....210430-004
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 67-1044A
AEROSPACE RESEARCH LABORATORIES
DETERMINATION OF NUCLEAR MATRIX ELEMENT PARAMETERS IN THE
FIRST FORBIDDEN BETA DECAY OF AUSUPPER198 AND OSUPPER128
PRESENTED AT N. Y. APS MTG /JAN 67/
BY NANTHURUTHIL
POLKIER C P
QAR ACCESS NO.....210430-005
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 67-1045A
AEROSPACE RESEARCH LABORATORIES
ISOMERIC SPIN-ITS INFLUENCE ON RESEARCH IN NUCLEAR PHYSICS
WITH SMALL ACCELERATORS
CIR REV ARTICLE - VOL VI, NO. 9, P. 20
BY HARRIS G I
QAR ACCESS NO.....210420-019
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1046A
AEROSPACE RESEARCH LABORATORIES
VOLATILE RARE EARTH CHELATES
PRESENTED AT UNIVERSITY OF NEW YORK AT STONY BROOK, LONG
ISLAND, NEW YORK, 12 DECEMBER 1967.
BY SPRINGER C S JR
QAR ACCESS NO.....209700-024
INSTR...ARL-7073-00-07
PROJECT.....7023

ARL 67-1047A
AEROSPACE RESEARCH LABORATORIES
THE VOLATILE RARE EARTH CHELATES OF HEPTAFLUORO-OCTAMEDIONE
PRESENTED AT UNIVERSITY OF MARYLAND, DEPARTMENT OF
CHEMISTRY, COLLEGE PARK, MARYLAND, 5 DECEMBER 1967
BY SPRINGER C S JR
QAR ACCESS NO.....209700-025
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1048A
AEROSPACE RESEARCH LABORATORIES
CAVITY FLOWS CONTAINING STATIONARY CONES
CANADIAN CONGRESS OF APPLIED MECHANICS, QUEBEC, CANADA,
/MAY 1967/ PUBLISHED IN PROCEEDINGS
BY SCHEUCHTNG M G
QAR ACCESS NO.....211350-004
INSTR...ARL-7063-00-12
PROJECT.....7063

ARL 67-1049H
AEROSPACE RESEARCH LABORATORIES
GRAVITATIONAL WAVE TAILS
SYRACUSE UNIVERSITY, 12 APR 67
BY TORRENCE R
OAR ACCESS NO.....210510-001
INSTR...ARL-7114-00-08
PROJECT.....7114

ARL 67-1050H
AEROSPACE RESEARCH LABORATORIES
DOUBLY IONIZED EXCITATION IN HE AND HE
UNIV OF NEBRASKA, 3 MAY 67
BY MORGAN T
OAR ACCESS NO.....210510-002
INSTR...ARL-7114-00-08
PROJECT.....7114

ARL 67-1051L
AEROSPACE RESEARCH LABORATORIES
GRAVITATIONAL RADIATION FROM THE SOLAR SYSTEM
UNIV OF MARYLAND /14 JUN 67/
BY CARMELI M
OAR ACCESS NO.....210510-003
INSTR...ARL-7114-00-08
PROJECT.....7114

ARL 67-1052H
AEROSPACE RESEARCH LABORATORIES
OPTIMIZATION OF ORBITAL TRANSFER
WHITTIER COLLEGE /JUL 67/
BY BENDER O
OAR ACCESS NO.....210460-003
INSTR...ARL-7114-00-03
PROJECT.....7114

ARL 67-1054A
EVOLUTION OF A COSMOLOGICAL MODEL
PRESENTED AT DAYTON HONORS SEMINAR, JAN 67
BY PICKLER S
OAR ACCESS NO.....210510-004
INSTR...ARL-7114-00-08
PROJECT.....7114

ARL 67-1055L
AEROSPACE RESEARCH LABORATORIES
THE STRUCTURE OF NULL INFINITY
OHIO UNIVERSITY, MAY 67
BY WINICOUR J
OAR ACCESS NO.....210500-001
INSTR...ARL-7114-00-07
PROJECT.....7114

ARL 67-1056L
AEROSPACE RESEARCH LABORATORIES
SYMMETRIES OF NULL INFINITY
UNIV OF CINCINNATI, FEB 67
BY WINICOUR J
OAR ACCESS NO.....210500-002
INSTR...ARL-7114-00-07
PROJECT.....7114

ARL 67-1057A
AEROSPACE RESEARCH LABORATORIES
PHOTOELECTRIC STUDY OF ORBITING SPACECRAFT
CENTRAL ASTRONAUTICAL DIVISION, THE ASSOCIATION OF
TECHNOLOGY AND PHYSICS CLUBS, BUDAPEST, HUNGARY
BY KISSELL K E
OAR ACCESS NO.....210460-004
INSTR...ARL-7114-00-03
PROJECT.....7114

ARL 67-1059I
AEROSPACE RESEARCH LABORATORIES
AN INVESTIGATION OF POLARIZATION PHENOMENA PRODUCED BY
SPACE OBJECTS
AFIT THESIS GSP/PH/67-7, MAY 67
BY STEAD R P
OAR ACCESS NO.....210460-005
INSTR...ARL-7114-00-03
PROJECT.....7114

ARL 67-1059C
AEROSPACE RESEARCH LABORATORIES
THE EFFECT OF INSTRUMENTS ON ELECTRICAL NOISE
VOL VI, NO. 7, P. 25, JUL 67 OAR REVIEW
BY SHANKLAND D
OAR ACCESS NO.....211280-001
INSTR...ARL-7114-00-10
PROJECT.....7114

ARL 67-1060C
AEROSPACE RESEARCH LABORATORIES
OMOS-STUDY OF THE OPTICAL PROPERTIES OF ORBITING
SATELLITES
OAR REVIEW ARTICLE, JAN 67
BY KISSELL K E
OAR ACCESS NO.....210460-006
INSTR...ARL-7114-00-03
PROJECT.....7114

ARL 67-1061C
AEROSPACE RESEARCH LABORATORIES
AN EQUATION FOR CHARACTERISTIC CURVES
OAR REV ARTICLE, VOL VI, NO. 7, P. 8, JUL 67
BY KRUEGER T
OAR ACCESS NO.....210460-012
INSTR...ARL-7114-00-01
PROJECT.....7114

ARL 67-1062A
AEROSPACE RESEARCH LABORATORIES
CONDENSATION IN HYPERSONIC WIND TUNNELS
PRESENTATION AT SYMPOSIUM ON NUCLEATION IN GAS DYNAMICS,
U.S. NAVAL ACADEMY, ANNAPOLIS, MD., 7-8 DEC 67/
BY DAUM F L
OAR ACCESS NO.....210160-004
INSTR...ARL-7065-00-14
PROJECT.....7065

ARL 67-1063L
AEROSPACE RESEARCH LABORATORIES
SOME ASPECTS OF FLUID MECHANICS RESEARCH AT ARL
LECTURE GIVEN AT THE INDIAN INSTITUTE OF SCIENCE, INDIA,
16 NOV 67/
BY KOKKEGI R H
OAR ACCESS NO.....209900-005
INSTR...ARL-7064-00-06
PROJECT.....7064

ARL 67-1064H
GENERAL DYNAMICS
INTEGRATION OF THE UNSTEADY NAVIER STOKES EQUATIONS BY
FINITE DIFFERENCES
PRESENTED AT THE AGARD SEMINAR ON NUMERICAL METHODS FOR
VISCIOUS FLOWS, TEDDINGTON, ENGLAND, 18-21 SEP 67/
BY THOMMEN H A
OAR ACCESS NO.....209910-002
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 67-1065L
AEROSPACE RESEARCH LABORATORIES
SOME ASPECTS OF THE METHOD OF INTEGRAL RELATIONS
LECTURE PRESENTED TO FACULTY AND GRADUATE STUDENTS OF THE
FLUID MECHANICS GROUP, SCHOOL OF MECHANICAL ENGINEERING,
PURDUE UNIVERSITY, LAFAYETTE, INDIANA
BY BETHEL H E
OAR ACCESS NO.....209910-003
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 67-1066I
AEROSPACE RESEARCH LABORATORIES
OPTIMIZATION OF A SCRAMJET CONFIGURATION
GAM/ME/67-18/AFIT THESIS
BY WILLIAMS J
OAR ACCESS NO.....209960-005
INSTR...ARL-7064-00-02
PROJECT.....7064

ARL 67-1067H
AEROSPACE RESEARCH LABORATORIES
RECENT ADVANCES IN THE CALCULATION OF TURBULENT BOUNDARY
LAYERS
LECTURE GIVEN BY DR. WALZ IN ARL AUDITORIUM
BY WALZ A
OAR ACCESS NO.....209900-006
INSTR...ARL-7064-00-06
PROJECT.....7064

ARL 67-1068H
UNIVERSITY OF CINCINNATI
THE APPROACH TO THE MACH WAVE IN UNSTEADY HYPERSONIC FLOW
LECTURE GIVEN BY DR. STEWARTSON IN THE ARL AUDITORIUM. DR.
STEWARTSON IS A PROFESSOR AT UNIVERSITY COLLEGE, LONDON,
ENGLAND /VISITING AT CSU/.
BY STEWARTSON K
OAR ACCESS NO.....209520-048
INSTR...AF-33/619/02272
PROJECT.....7064

ARL 67-1069A
AEROSPACE RESEARCH LABORATORIES
ON THE GRD MULTILAYER METHOD FOR LAMINAR BOUNDARY LAYERS
PRESENTED AT THE TENTH MIDWESTERN MECHANICS CONFERENCE,
COLORADO STATE UNIVERSITY, 21-23-AUG-67.
CAR ACCESS NO.....209910-008
BY BETHEL M E
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 67-1070A
AEROSPACE RESEARCH LABORATORIES
FREE MOLECULAR FLOW IN A CIRCULAR TUBE OF FINITE LENGTH
PRESENTED AT THE 80TH ANNIVERSARY MEETING OF THE DIV. OF
FLUID DYNAMICS, 20-22 NOV 67 AT LEHIGH UNIV., BETHLEHEM,
PENNSYLVANIA.
CAR ACCESS NO.....209950-007
BY NAGARAJA K S
INSTR...ARL-7064-00-09
PROJECT.....7064

ARL 67-1071A
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION ON POWER GENERATION USING ELECTROFLUIDDYNAMIC
PROCESSES
PRESENTED AT 1967 INTERSOCIETY ENERGY CONVERSION
ENGINEERING CONFERENCE, MIAMI BEACH, FLA. 13-17 AUGUST
1967. CP 473-483
CAR ACCESS NO.....210520-002
BY DECAIRE J A
LAWSON M D
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 67-1072A
AEROSPACE RESEARCH LABORATORIES
DIAGNOSTIC TECHNIQUES FOR ATMOSPHERIC PRESSURE AND
PAPER/ EIGHTH SYMPOSIUM ON THE ENGINEERING ASPECTS OF MHD,
STANFORD UNIVERSITY, CALIFORNIA, /MARCH 1967/
CAR ACCESS NO.....211380-002
BY ROMAN W C
INSTR...ARL-7063-00-15
PROJECT.....7063

ARL 67-1073A
AEROSPACE RESEARCH LABORATORIES
EXPERIMENTAL INVESTIGATIONS OF AN ELECTRIC ARC IN
TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS
PAPER/ FIFTH AEROSPACE SCIENCES MEETING, AIAA, NEW YORK,
/JANUARY 1967/
CAR ACCESS NO.....211380-003
BY ROMAN W C
INSTR...ARL-7063-00-15
PROJECT.....7063

ARL 67-1074B
IIT RESEARCH INSTITUTE
TRANSPARENCY NUMBERS IN PARTIALLY EQUILIBRATED SAPPHIRE
PRESENTATION AT FALL MTG. ELECTRONICS DIV., AM. CER. SOC.,
KATONAH LAKE, N. Y.
CAR ACCESS NO.....210930-001
BY MILLS J J
INSTR...ARL-33/615/05448
PROJECT.....7021

ARL 67-1075A
AEROSPACE RESEARCH LABORATORIES
DIAGNOSTIC TECHNIQUES FOR ATMOSPHERIC PRESSURE AND PLASMA
PAPER/ EIGHTH SYMPOSIUM ON THE ENGINEERING ASPECTS OF MHD,
STANFORD UNIVERSITY, CALIFORNIA, /MARCH 1967/
CAR ACCESS NO.....211370-003
BY BENEDETTI K W
ROMAN W C
SCHREINER P W
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 67-1076A
AEROSPACE RESEARCH LABORATORIES
RETROGRADE CATHODE SPOT BEHAVIOR IN LOW DENSITY ARCS
PAPER/ EIGHTH INTERNATIONAL CONFERENCE ON PHENOMENA IN
IONIZED GASES, VIENNA, AUSTRIA, /SEPT 67/
CAR ACCESS NO.....211360-003
BY GIANNOTTI S F
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 67-1077A
AEROSPACE RESEARCH LABORATORIES
OUTLOOK FOR ELECTROFLUIDDYNAMIC POWER GENERATION
ASME PAPER 67-PWR-11. INVITED FOR PRESENTATION AT ASME-
IEEE JOINT POWER GENERATION CONFERENCE, DETROIT, MICHIGAN,
24-28 SEPTEMBER 1967
CAR ACCESS NO.....210520-003
BY DECAIRE J A
LAWSON M D
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 67-1078A
AEROSPACE RESEARCH LABORATORIES
CHARGE GENERATION BY CORONA DISCHARGE IN
ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES
PRESENTED AT THE 1967 INTERSOCIETY ENERGY CONVERSION
ENGINEERING CONFERENCE, MIAMI BEACH, FLA. 13-17 AUG 67,
CP 465-471
CAR ACCESS NO.....210520-004
BY OLCAINE J A
WIFALL J H
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 67-1079A
AEROSPACE RESEARCH LABORATORIES
ELECTROFLUIDDYNAMIC POWER GENERATION: TRENDS AND
EXPECTATIONS
INVITED PAPER, EIGHTH SYMPOSIUM ON ENGINEERING ASPECTS OF
MAGNETOHYDRODYNAMICS STANFORD UNIVERSITY, 28-30 MARCH 1967,
PP 51-519
CAR ACCESS NO.....210520-008
BY LAWSON D
OLCAINE J A
INSTR...ARL-7116-00-01
PROJECT.....7116

ARL 67-1080A
AEROSPACE RESEARCH LABORATORIES
A PSEUDOPOTENTIAL CALCULATION OF THE COARSE MIXED ALLOY
SYSTEM
PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON II-VI
SEMICONDUCTING COMPOUNDS /BENJAMIN PRESS 1967/
CAR ACCESS NO.....210580-007
BY DEWITT J S
COLLINS T C
EUBEMA M N
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 67-1081A
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION OF OPTIMUM LIFTING BODIES
PRESENTED AT THE/OAR RESEARCH APPLICATIONS CONFERENCE, 14
MAR 67, WASHINGTON, D. C.
CAR ACCESS NO.....209860-008
BY HANKEY W L
INSTR...ARL-7063-00-02
PROJECT.....7063

ARL 67-1082A
AEROSPACE RESEARCH LABORATORIES
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF
HEXAGONAL CUS, COSE, ZNS AND ZNSE
PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON II-VI
SEMICONDUCTING COMPOUNDS /BENJAMIN PRESS 1967/
CAR ACCESS NO.....210580-008
BY COLLINS T C
EUBEMA M N
DEWITT J S
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 67-1083A
AEROSPACE RESEARCH LABORATORIES
THE LASING TRANSITIONS OF CDS
PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON II-VI
SEMICONDUCTING COMPOUNDS /BENJAMIN PRESS 1967/
CAR ACCESS NO.....210580-009
BY LITTON L W
MEYNOLDS D C
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 67-1084A
AEROSPACE RESEARCH LABORATORIES
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF
HEXAGONAL CUS, COSE, ZNS, AND ZNSE
PAPERS, INTERNATIONAL CONF ON II-VI SEMICONDUCTING COMPOUNDS/
PLN, PROCEEDINGS OF CCNE, NOVEMBER 1967, BROWN UNIV.
CAR ACCESS NO.....210580-010
BY COLLINS T C
EUBEMA M N
DEWITT J S
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 67-1085A
AEROSPACE RESEARCH LABORATORIES
A STUDY OF BASIC FACTORS GOVERNING THE DETECTION LIMIT IN
ASTROPHYSICAL IMAGING
SYMPOSIUM /PHOTON-DETECTORS/, IMPROV. WARSZAWA 3-B-VII-
1967
CAR ACCESS NO.....210570-004
BY GIBEL M K H
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 67-1086A
CORNELL AERONAUTICAL LABS INC
PILOT-PROBE MEASUREMENTS OF DROP SIZES
AFRPL TWO-PHASE FLOW CONFERENCE SAN BERNARDINO, CALIF.
CAR ACCESS NO.....209910-008
BY MEHRITI G E
INSTR...ARL-33/657/08302
PROJECT.....7116

ARL 67-1087H
 CORNELL AERONAUTICAL LABS INC
 AN EXPERIMENT CONCERNING THE EVAPORATION AND CONDENSATION
 OF PLATINUM AT HIGH TEMPERATURES
 APRIL TWO PHASE FLOW CONFERENCE SAN BERNARDINO, CALIF.
 OAR ACCESS NO.....208910-003
 BY FAIR F J
 INSTR...AF-33/687/08302
 PROJECT.....7116

ARL 67-1088D
 NATIONAL BUREAU OF STANDARDS
 ADSORPTION ON SINGLE CRYSTAL PLANES
 PRESENTED AT AMERICAN PHYSICAL SOCIETY MEETING, JANUARY
 1967
 OAR ACCESS NO.....210670-002
 BY YOUNG R D
 INSTR...DO-33/618/08006-86
 PROJECT.....7023

ARL 67-1089B
 TRU, INCORPORATED
 LOW-LYING EXCITED TRIPLET STATES AND INTERSYSTEM CROSSING
 IN AROMATIC HYDROCARBONS
 PRESENTED AT INTERNATIONAL SYMPOSIUM ON TRIPLET STATE AT
 AMERICAN UNIVERSITY, BELMONT, LEANON, 14-19 FEB 67
 OAR ACCESS NO.....210950-001
 BY VINCOSOR M J
 INSTR...AF-33/618/08331
 PROJECT.....7023

ARL 67-1090B
 GENERAL ELECTRIC RESEARCH & DEVELOPMENT CENTER
 DENSITY INDUCTION TIMES IN VERY LEAN MIXTURES OF USUO2,
 MSUO2, CSU2HSUO2, AND CSU2HSUO2, WITH OSUO2
 PRESENTED AT ELEVENTH SYMPOSIUM /INTERNATIONAL/ ON
 COMBUSTION, UNIVERSITY OF CALIFORNIA, JERRELEY, CALIFORNIA,
 OAR ACCESS NO.....208021-002
 BY WHITE D R
 INSTR...AF-33/618/08274
 PROJECT.....7023

ARL 67-1091D
 UNIVERSITY OF GOTTINGEN
 STUDIES OF UNIMOLECULAR REACTIONS OF TRIATOMIC MOLECULES
 PRESENTED AT ELEVENTH SYMPOSIUM /INTERNATIONAL/ ON
 COMBUSTION, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA,
 14-20 AUG 67
 OAR ACCESS NO.....207913-001
 BY DLSCHINSKI H A
 TRUE J
 WAGNER H G
 INSTR...AF-61/052/00946
 PROJECT.....7023

ARL 67-1092B
 SYSTEMS RESEARCH LABORATORIES INC
 GROWTH OF ALUMINUM ON TAT110/
 PRESENTED AT AERONAUTICS LABORATORY, WRIGHT-PATTERSON AFB,
 OHIO
 OAR ACCESS NO.....207891-001
 BY JACKSON A G
 INSTR...F11615-67-C-1041
 PROJECT.....7023

ARL 67-1093B
 UNIVERSIDAD DE BARCELONA
 CLORUROS DE CARBONO AROMATICOS MACROMOLECULARES
 PRESENTED AT XIII REUNION BIENAL DE LA REAL SOCIEDAD
 ESPANOLA DE FISICA Y QUIMICA, PAMPLONA AND SAN SEBASTIAN,
 SPAIN, 25 JUNE - 1 JULY 67
 OAR ACCESS NO.....208171-004
 BY BALLESTER M
 CASTANER J
 RIERA J
 RARES J
 INSTR...AF-61/052/00749
 PROJECT.....7023

ARL 67-1094H
 UNIVERSIDAD DE BARCELONA
 SINTESIS Y PROPIEDADES DE DERIVADOS FUERTEMENTE CLORADOS Y
 PERCLORADOS DEL DIFENILMETANO
 PRESENTED AT XIII REUNION BIENAL DE LA REAL SOCIEDAD
 ESPANOLA DE FISICA Y QUIMICA, PAMPLONA AND SAN SEBASTIAN,
 SPAIN, 25 JUNE - 1 JULY 67
 OAR ACCESS NO.....208171-005
 BY BALLESTER M
 CASTANER J
 RIERA J
 INSTR...AF-61/052/00749
 PROJECT.....7023

ARL 67-1095B
 UNIVERSIDAD DE BARCELONA
 MONO Y DIRADICALES LIBRES INERTES PERCLORADOS DE LA SERIE
 DEL TRIFENILMETANO
 PRESENTED AT XIII REUNION BIENAL DE LA REAL SOCIEDAD
 ESPANOLA DE FISICA Y QUIMICA, PAMPLONA AND SAN SEBASTIAN,
 SPAIN, 25 JUNE - 1 JULY 67
 OAR ACCESS NO.....208171-006
 BY BALLESTER M
 CASTANER J
 RIERA J
 RADA C
 MUNSO J M
 INSTR...AF-61/052/00749
 PROJECT.....7023

ARL 67-1096H
 UNIVERSIDAD DE BARCELONA
 RADICALES LIBRES INERTES PERCLORADOS DE LA SERIE DEL
 DIFENILMETANO
 PRESENTED AT XIII REUNION BIENAL DE LA REAL SOCIEDAD
 ESPANOLA DE FISICA Y QUIMICA, PAMPLONA AND SAN SEBASTIAN,
 SPAIN, 25 JUNE - 1 JULY 67
 OAR ACCESS NO.....208171-007
 BY BALLESTER M
 CASTANER J
 RIERA J
 MUNSO J M
 INSTR...AF-61/052/00749
 PROJECT.....7023

ARL 67-1097A
 CHEMISTRY RESEARCH LABORATORY
 MODERN TECHNIQUES IN ENERGY TRANSFER
 PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, MIAMI,
 FLORIDA, APR 67
 OAR ACCESS NO.....209660-007
 BY WILKINSON F
 INSTR...ARL-7023-00-03
 PROJECT.....7023

ARL 67-1098A
 AEROSPACE RESEARCH LABORATORIES
 RESEARCH ACTIVITIES AT THE SULPHUR GROVE OBSERVATORY,
 1985-1987
 WORKING GROUP 1, CUSPAR, IMPERIAL COLLEGE, LONDON, 23 JUL
 67
 OAR ACCESS NO.....210460-007
 BY KISSELL K E
 INSTR...ARL-7114-00-03
 PROJECT.....7114

ARL 67-1099A
 AEROSPACE RESEARCH LABORATORIES
 OPTICAL SPACE OBJECT IDENTIFICATION
 SECOND SPACE SYSTEMS SURVIVABILITY WORKSHOP, AEROSPACE COR.,
 6-AJUN67
 OAR ACCESS NO.....210460-008
 BY KISSELL K E
 INSTR...ARL-7114-00-03
 PROJECT.....7114

ARL 67-1100A
 AEROSPACE RESEARCH LABORATORIES
 INVARIANT CALCULATION OF SOME TOTAL PROPERTIES OF
 ASYMPTOTICALLY FLAT SPACE TIME
 PRESENTED N. Y. APS MTG, JAN 67
 OAR ACCESS NO.....210500-003
 BY WINICOUR J
 INSTR...ARL-7114-00-07
 PROJECT.....7114

ARL 67-1101A
 AEROSPACE RESEARCH LABORATORIES
 A CASEOUS SYSTEM OF HIGH LUMINOUS EFFICIENCY
 PRESENTED AT 1967 SPRING MEETING OF THE WESTERN STATES
 SECTION OF THE COMBUSTION INSTITUTE, LAJOLLA, CALIFORNIA,
 24-25 APR 67
 OAR ACCESS NO.....211150-004
 BY TISCHER R L
 SCHELLER K
 INSTR...ARL-7023-00-11
 PROJECT.....7023

ARL 67-1102A
 AEROSPACE RESEARCH LABORATORIES
 CHEMICAL IONIZATION MASS SPECTROMETRY, I. THE ISOMERIC
 HYDRADES
 PRESENTED AT PACIFIC CONFERENCE ON CHEMISTRY AND
 SPECTROSCOPY, ANAHEIM, CALIFORNIA, 31 OCT 67
 OAR ACCESS NO.....206730-027
 BY TIERNAN T O
 FUTRELL J M
 HUGHES J M
 INSTR...ARL-7023-00-10
 PROJECT.....7023

ARL 67-1103A
 AEROSPACE RESEARCH LABORATORIES
 A MECHANISTIC INTERPRETATION OF CHEMICAL IONIZATION MASS
 SPECTROMETRY
 PRESENTED AT INTERNATIONAL MASS SPECTROMETRY CONFERENCE,
 HEIMLIN, GERMANY, 27 SEP 67
 OAR ACCESS NO.....209730-028
 BY TIERNAN T O
 FUTRELL J M
 INSTR...ARL-7023-00-10
 PROJECT.....7023

ARL 67-1104A
 AEROSPACE RESEARCH LABORATORIES
 INTERMEDIATE COLLISION COMPLEXES IN ION-MOLECULE REACTIONS
 IN UNSATURATED HYDROCARBONS
 PRESENTED AT LABORATOIRE DE CHIMIE PHYSIQUE, FACULTE DES
 SCIENCES, ORSAT, FRANCE, 20 SEP 67
 OAR ACCESS NO.....209730-029
 BY TIERNAN T O
 INSTR...ARL-7023-00-10
 PROJECT.....7023

ARL 67-1108A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN SELECTED CHLOROCARBON COMPOUNDS
PRESENTED AT PHYSICAL CHEMISTRY COLLOQUIUM, UNIVERSITY OF
SHEFFIELD, SHEFFIELD, ENGLAND, 3 OCT 67.
DAR ACCESS NO.....209730-030
BY TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1108A
CHEMISTRY RESEARCH LABORATORY
IONIC POLYMERIZATION IN METHYL, ETHYL AND VINYL CHLORIDES
PRESENTED AT FIFTH MILLPT CONFERENCE FOR RADIATION
CHEMISTRY, KAZIMIERZ, POLAND, 14 SEP 67.
DAR ACCESS NO.....209730-031
BY TIERNAN T O
HUGHES D M
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1107A
AEROSPACE RESEARCH LABORATORIES
DEVELOPMENT OF A HIGH PRESSURE TIME-OF-FLIGHT MASS
SPECTROMETER FOR ION-MOLECULE REACTION STUDIES
PRESENTED AT ASTA C-14 MEETING, DENVER, COLORADO, 14-19
MAY 67.
DAR ACCESS NO.....209730-032
BY TIERNAN T O
ADAMSON F P
MILLER C D
PUTRELL J H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1108A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN ETHYLENE
PRESENTED AT 18TH ANNUAL MEETING, RADIATION RESEARCH
SOCIETY, SAN JUAN, PUERTO RICO, MAY 67.
DAR ACCESS NO.....209730-033
BY TIERNAN T O
PUTRELL J H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1109A
AEROSPACE RESEARCH LABORATORIES
CLASSES OF SILICON SUBOXIDES
PRESENTED AT INTERNATIONAL SYMPOSIUM ON DECOMPOSITION OF
ORGANOMETALLIC COMPOUNDS TO REFRACTORY CERAMICS, METALS AND
METAL ALLOYS, AIR FORCE MATERIALS LABORATORY, WRIGHT-PATTERSON
DAYTON, OHIO, 29 NOV 67.
DAR ACCESS NO.....209720-013
BY SPIALTER L
SMITH J S II
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1110A
AEROSPACE RESEARCH LABORATORIES
ATTITUDES AND APPROACHES TO RESEARCH
PRESENTED AT CARROLL HIGH SCHOOL, SCIENCE PROGRAM, DAYTON,
OHIO, 30 SEP 67.
DAR ACCESS NO.....209730-014
BY TERRY J O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1111A
AEROSPACE RESEARCH LABORATORIES
DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL
RADICALS: METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND
TERT BUTYL
PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, CHICAGO,
ILLINOIS, SEPT 67.
DAR ACCESS NO.....209730-035
BY TERRY J O
PUTRELL J H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1112A
AEROSPACE RESEARCH LABORATORIES
PHOTOCHEMISTRY OF AZO COMPOUNDS
PRESENTED AT OHIO STATE UNIVERSITY, COLUMBUS, OHIO, 31 JAN
67.
DAR ACCESS NO.....209730-036
BY TERRY J O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1113A
AEROSPACE RESEARCH LABORATORIES
THE RARE EARTH COMPLEXES OF HEPTAFLUORO-OCTANEDIONE
PRESENTED AT WRIGHT STATE UNIVERSITY, DAYTON, OHIO, 29 NOV
67.
DAR ACCESS NO.....209700-026
BY SPRINGER C S JR
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1114A
AEROSPACE RESEARCH LABORATORIES
THE ATOM-CONNECTIVITY MATRIX (ACM) AS A MATHEMATICAL ANALOG
OF CHEMISTRY
PRESENTED AT WRIGHT STATE UNIVERSITY, DAYTON, OHIO, 18 OCT
67.
DAR ACCESS NO.....209720-014
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1115A
AEROSPACE RESEARCH LABORATORIES
DICHLOROCARBON CHEMISTRY
PRESENTED AT NATIONAL MAGNET LABORATORY, MASSACHUSETTS
INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS., 20 JUNE 1967.
DAR ACCESS NO.....209720-015
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1116A
AEROSPACE RESEARCH LABORATORIES
THE ATOM-CONNECTIVITY MATRIX
PRESENTED AT AIR FORCE CAMBRIDGE RESEARCH LABORATORIES,
BEDFORD, MASSACHUSETTS, 19 JUNE 1967.
DAR ACCESS NO.....209720-016
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1117A
AEROSPACE RESEARCH LABORATORIES
AN AZO-HYDRAZONE TAUTOMERISM AND AZOALKANE SYNTHESIS
PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, MIAMI,
FLORIDA, APR 67.
DAR ACCESS NO.....209720-017
BY SPIALTER L
UNTEREINER G L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1118A
AEROSPACE RESEARCH LABORATORIES
ALKAROMATIC CHLOROCARBONS
PRESENTED AT SECOND RESEARCH APPLICATIONS CONFERENCE, DAR,
AHLINGTON, VIRGINIA, 18 MAR 67.
DAR ACCESS NO.....209720-018
BY SPIALTER L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1119A
AEROSPACE RESEARCH LABORATORIES
VOLATILE RARE EARTH, ZIRCONIUM AND HAFNIUM CHELATES OF BETA
-DIKETONES
PRESENTED AT INTERNATIONAL SYMPOSIUM ON REFRACTORY
MATERIALS, DAYTON, OHIO, NOV 67.
DAR ACCESS NO.....209700-027
BY SIEVENS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1120A
AEROSPACE RESEARCH LABORATORIES
VAPOR PRESSURES, HEATS OF VAPORIZATION, AND HEATS OF
SUBLIMATION OF VOLATILE LANTHANIDE CHELATES
PRESENTED AT 10TH INTERNATIONAL CONFERENCE ON COORDINATION
CHEMISTRY, NIKKO, JAPAN, SEP 67.
DAR ACCESS NO.....209700-028
BY SIEVENS R E
SICRE J E
OUDOLIS J T
EISENHAUT R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1121A
AEROSPACE RESEARCH LABORATORIES
GAS CHROMATOGRAPHY AND NUCLEAR MAGNETIC RESONANCE STUDIES
OF SOME METAL CHELATES
PRESENTED AT UNIVERSITY OF WASHINGTON, SEATTLE, WASHINGTON,
MAY 67.
DAR ACCESS NO.....209700-029
BY SIEVENS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1122A
AEROSPACE RESEARCH LABORATORIES
GAS CHROMATOGRAPHY OF METAL CHELATES OF
HEPTAFLUORODIMETHYLOCTANEDIONE
PRESENTED AT 6TH INTERNATIONAL SYMPOSIUM ON GAS
CHROMATOGRAPHY, NEW YORK, APR 67.
DAR ACCESS NO.....209700-030
BY SIEVENS R E
CONNOLLY J W
ROSS W O
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1173A
AEROSPACE RESEARCH LABORATORIES
RAPID AND ULTRA-SENSITIVE METAL ANALYSIS BY NEW GAS
CHROMATOGRAPHIC TECHNIQUES
PRESENTED AT GAS CHROMATOGRAPHY DISCUSSION GROUP,
WASHINGTON, D. C., 16-20 APR 67.
BY SIEVERS R F
DAR ACCESS NO.....204700-031
INST.....ARL-7023-00-07
PROJECT.....7023

ARL 67-1128A
AEROSPACE RESEARCH LABORATORIES
CHEMICAL IONIZATION MASS SPECTROMETRY OF HYDROCARBONS
PRESENTED AT NINTH ANNUAL TIME-OF-FLIGHT MASS SPECTROMETER
SYMPOSIUM, CINCINNATI, OHIO, 29 SEP 67.
BY FUTRELL J H
TIERMAN T D
HUGHES J M
DAR ACCESS NO.....204730-000
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 67-1128A
AEROSPACE RESEARCH LABORATORIES
INITIATION OF OILATION BY INCIDENT SHOCK WAVES IN
HYDROGEN-OXYGEN-ARGON MIXTURES
PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, CHICAGO,
ILLINOIS, SEPT 67.
BY SCHELLEN K
SKINNER G W
MUELLER G W
GRIEM U
DAR ACCESS NO.....21180-008
INST.....ARL-7023-00-11
PROJECT.....7023

ARL 67-1120A
CHEMISTRY RESEARCH LABORATORY
THE ENHANCEMENT OF SHOCK WAVES BY CHEMICAL REACTIONS
PRESENTED AT AFOSM CONTRACTORS MEETING ON COMBUSTION
DYNAMICS, COCOA BEACH, FLORIDA, JUNE 1967.
BY MUELLER G W
SCHELLEN K
GRIEM U
DAR ACCESS NO.....21180-006
INST.....ARL-7023-00-11
PROJECT.....7023

ARL 67-1126A
AEROSPACE RESEARCH LABORATORIES
IONIC POLYMERIZATION IN VINYL CHLORIDE
PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, CHICAGO,
ILLINOIS, SEP 67.
BY HUGHES J M
FUTRELL J H
TIERMAN T D
DAR ACCESS NO.....204730-037
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 67-1127A
AEROSPACE RESEARCH LABORATORIES
LIQUID FUEL - AIR COMBUSTION I. ADDITION OF METAL COMPOUNDS
AS SOLUBLE CATALYSTS TO LIQUID FUELS. II. SPECTRAL
BRIGHTNESS AND EMISSION OF STOICHIOMETRIC VS. RICH FUEL-AIR
PRESENTED AT 1967 SPRING MEETING OF THE WESTERN STATES
SECTION OF THE COMBUSTION INSTITUTE, LAJOLLA, CALIFORNIA,
24-25 APR 67.
BY MONTGOMERY M F
SCHILLER K
DAR ACCESS NO.....21180-007
INST.....ARL-7023-00-11
PROJECT.....7023

ARL 67-1126A
AEROSPACE RESEARCH LABORATORIES
IODINE AS A RADICAL SCAVENGER IN CYCLOPENTANE NITROLYSIS
PRESENTED AT RADIATION RESEARCH SOCIETY, 15TH ANNUAL
MEETING, SAN JUAN, PUERTO RICO, MAY 67.
BY HUGHES J M
HANNAMAN H J
DAR ACCESS NO.....204730-038
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 67-1129A
AEROSPACE RESEARCH LABORATORIES
TRENDS IN CHEMISORBED STRUCTURES ON ALLOY SURFACES OF HCC
REFRACTORY METALS
PRESENTED AT AERONAUTICS LABORATORY, WRIGHT-PATTERSON AFB,
OHIO, MAY 67.
BY HAAS T W
DAR ACCESS NO.....209640-000
INST.....ARL-7023-00-01
PROJECT.....7023

ARL 67-1130A
AEROSPACE RESEARCH LABORATORIES
REFRACTORY METAL SURFACES
PRESENTED AT JORDEN CORPORATION, SOUTHFIELD, MICHIGAN, 15
FEB 67.
BY HAAS T W
DAR ACCESS NO.....209640-009
INST.....ARL-7023-00-01
PROJECT.....7023

ARL 67-1131A
AEROSPACE RESEARCH LABORATORIES
A MODIFIED TIME-OF-FLIGHT MASS SPECTROMETER FOR HIGH
PRESSURE STUDIES OF IONIC REACTIONS
PRESENTED AT NINTH ANNUAL TIME-OF-FLIGHT MASS SPECTROMETER
SYMPOSIUM, CINCINNATI, OHIO, 29 SEP 67.
BY FUTRELL J H
TIERMAN T D
HANSMAN R P
MILLEN C R
DAR ACCESS NO.....204730-030
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 67-1132A
AEROSPACE RESEARCH LABORATORIES
CONSECUTIVE ION-MOLECULE REACTIONS IN REACTIVE SYSTEMS
PRESENTED AT CHEMISTRY SEMINAR, UNIVERSITY OF DETROIT,
MICHIGAN, 6 JUNE 1967.
BY FUTRELL J H
TIERMAN T D
DAR ACCESS NO.....204730-042
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 67-1135E
AEROSPACE RESEARCH LABORATORIES
RECURRENCE FORMULAS FOR POLYNOMIALS IN RATIONAL
APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS
REPRINTED FROM PLANCH ANNIVERSARY VOLUME, PP 141-157,
FEBRUARY 1967
BY LURE Y L
DAR ACCESS NO.....210110-004
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 67-1130E
AEROSPACE RESEARCH LABORATORIES
RADIATION CHEMISTRY OF PROPANE
CHAPTER IN CHEMISTRY OF IONIZATION AND EXCITATION, P. 221 /
1967
BY HUNDE L I
SIECK L W
FUTRELL J H
DAR ACCESS NO.....204730-019
INST.....ARL-7023-00-04
PROJECT.....7023

ARL 67-1137E
AEROSPACE RESEARCH LABORATORIES
VOLATILE NITRO FATH CATALYSTS OF BETA-DIKETONES
CHAPTER IN ADVANCES IN THE CHEMISTRY OF THE LANTHANIDES AND
ACTINIDES, AMERICAN CHEMICAL SOCIETY, WASHINGTON, D. C.,
1967
BY SIEVERS R F
EISENHAUT K L
MERR D W
SPRINGER C S
DAR ACCESS NO.....204700-032
INST.....ARL-7023-00-07
PROJECT.....7023

ARL 67-1138D
AEROSPACE RESEARCH LABORATORIES
NARROW BAND LONG RANGE COLOR TELEVISION SYSTEM
INCORPORATING COLOR ANALYZER
UNITED STATES PATENT OFFICE, PATENT NO. 3,330,404, 11 JULY
1967
BY GEMEL R K M
DAR ACCESS NO.....210570-013
INST.....ARL-7023-00-03
PROJECT.....7023

ARL 67-1139D
AEROSPACE RESEARCH LABORATORIES
INTERFERENCE PHOTOGRAPH SENSITIVE TO MULTIPLE BANDS
UNITED STATES PATENT OFFICE, PATENT NO. 3,301,705, 11 JAN
1967
BY GEMEL R K M
DAR ACCESS NO.....210570-011
INST.....ARL-7023-00-03
PROJECT.....7023

ARL 67-1140J
MARQUETTE UNIVERSITY
ELECTRICAL PROPERTIES OF CERIUM DIOXIDE AND TITANIUM
DIOXIDE
MASTERS THESIS
BY MENZ B J
DAR ACCESS NO.....208670-002
INST.....ARL-7023-00-01
PROJECT.....7023

ARL 67-11412
HARVARD UNIVERSITY
INVESTIGATION OF THE LOW TEMPERATURE TIME DEPENDENCE OF THE
ELECTRIC CONDUCTIVITY IN PUTIUM
MASTERS THESIS
BY WINNIE, A. W.
DAR ACCESS NO.....209770-003
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11413
HARVARD UNIVERSITY
ELECTRICITY STUDY OF THE THERMODYNAMIC PROPERTIES OF
NON-SYNTHEMATIC RUTILE
MASTERS THESIS
BY LOW, G. B.
DAR ACCESS NO.....209770-004
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11414
HARVARD UNIVERSITY
THERMAL INVESTIGATION OF THE MOBILITY OF ELECTRONS IN
SOLIDS OF VARIOUS TEMPERATURES
MASTERS THESIS
BY LOW, G. B.
DAR ACCESS NO.....209770-005
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11415
HARVARD UNIVERSITY
HIGH TEMPERATURE THERMAL PROPERTIES OF RANDOMLY
DISORDERED POLYMER SYSTEMS
MASTERS THESIS
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-006
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11416
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF LOW TEMPERATURE POLYMER FILMS
MASTERS THESIS
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-007
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11417
HARVARD UNIVERSITY
ELASTIC RELATION IN POLYMER
CENTRAL PENNSYLVANIA SECTION OF AMERICAN ASSOCIATION OF
PHYSICS TEACHERS, ALBANY, CALIF., MONTGOMERY, AR.
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-008
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11418
HARVARD UNIVERSITY
NATURE OF THE ELECTRIC AND THERMAL PROPERTIES OF POLYMER IN
INTERFACIAL REGION OF POLYMER IN SINGLE CRYSTAL
POLYMER COMMUNITY MATERIALS
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-009
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11419
HARVARD UNIVERSITY
ELECTRIC CONDUCTIVITY TRANSISTORS IN POLYMER
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-010
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11420
HARVARD UNIVERSITY
INVESTIGATION OF THE EFFECT OF TEMPERATURE ON ELECTRON
MICROSCOPY
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-011
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11421
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF POLYMER IN INTERFACIAL REGION
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-012
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11422
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF POLYMER IN INTERFACIAL REGION
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-013
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11423
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF POLYMER IN INTERFACIAL REGION
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-014
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11424
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF POLYMER IN INTERFACIAL REGION
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-015
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11425
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF POLYMER IN INTERFACIAL REGION
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-016
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11426
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF POLYMER IN INTERFACIAL REGION
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-017
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11427
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF POLYMER IN INTERFACIAL REGION
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-018
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11428
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF POLYMER IN INTERFACIAL REGION
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-019
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11429
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF POLYMER IN INTERFACIAL REGION
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-020
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11430
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF POLYMER IN INTERFACIAL REGION
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-021
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11431
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF POLYMER IN INTERFACIAL REGION
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-022
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-11432
HARVARD UNIVERSITY
ELECTRIC PROPERTIES OF POLYMER IN INTERFACIAL REGION
BY HEDGECOCK, J.
DAR ACCESS NO.....209770-023
INSTR.....AR-537615/01248
PROJECT.....7021

ARL 67-1162N
AEROSPACE RESEARCH LABORATORIES
SENSITIZED DECOMPOSITION OF RHYPTOCYANINE
FROM UNIVERSITY OF EAST ANGLIA, MAY 67.
OAR ACCESS NO.....209660-00R
BY WILKINSON F
INSTR...ARL-7023-00-03
PROJECT.....7023

ARL 67-1163N
AEROSPACE RESEARCH LABORATORIES
RECENT DEVELOPMENTS IN ENERGY TRANSFER
FROM UNIVERSITY OF EAST ANGLIA, APR 67.
OAR ACCESS NO.....209660-00R
BY WILKINSON F
INSTR...ARL-7023-00-03
PROJECT.....7023

ARL 67-1164N
AEROSPACE RESEARCH LABORATORIES
EXTERNAL SPIN-ORBIT COUPLING PHENOMENA
FROM UNIVERSITY OF EAST ANGLIA, MAR 67.
OAR ACCESS NO.....209660-010
BY WILKINSON F
INSTR...ARL-7023-00-03
PROJECT.....7023

ARL 67-1165N
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN ALCOHOLS
FROM NATIONAL BUREAU OF STANDARDS, FEB 67.
OAR ACCESS NO.....209730-043
BY SIECK L W
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1166N
AEROSPACE RESEARCH LABORATORIES
ENERGY TRANSFER STUDIES IN THE LIQUID PHASE RADIOLYSIS OF
RARE GAS-HYDROGEN MIXTURES
FROM UNIVERSITY OF KANSAS, APR 67.
OAR ACCESS NO.....209730-044
BY KEVAN L
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1167N
AEROSPACE RESEARCH LABORATORIES
METASTABLE TRANSITIONS IN MASS SPECTROMETRY
FROM THE UNIVERSITY OF SHEFFIELD, ENGLAND MAY 67.
OAR ACCESS NO.....209730-045
BY JENNINGS K R
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1168N
AEROSPACE RESEARCH LABORATORIES
REACTIONS OF ORGANOSILICON FREE RADICALS
FROM UNIVERSITY OF SUSSEX, APR 67.
OAR ACCESS NO.....209720-020
BY JACKSON R A
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1169N
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS BY ION CYCLOTRON RESONANCE TECHNIQUE
FROM MONSANTO CENTRAL RESEARCH LABORATORY, APR 67.
OAR ACCESS NO.....209730-046
BY MENIS J
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1170N
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS
FROM UNIVERSITY OF IOWA, SEP 67.
OAR ACCESS NO.....209730-047
BY FURELL J M
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1171N
AEROSPACE RESEARCH LABORATORIES
CHEMICAL IONIZATION MASS SPECTROMETRY
FROM ESSO RESEARCH AND ENGINEERING INC., APR 67.
OAR ACCESS NO.....209730-048
BY FIELD F H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1172N
AEROSPACE RESEARCH LABORATORIES
STEREOCHEMICAL CHANGES IN TRANSITION METAL COMPLEXES
FROM UNIVERSITY OF MASSACHUSETTS, JUNE 67.
OAR ACCESS NO.....209700-034
BY AKCHER R D
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1173N
AEROSPACE RESEARCH LABORATORIES
LUMI SCENCE AND PHOSPHORESCENCE OF AROMATIC HYDROCARBONS
IN SOLID MATRICES
FROM TRN SYSTMS, ONE SPACE PARK, REDONDO BEACH, CALIFORNIA
GAVE TALK ON 4 DECEMBER 1967 AT ARL.
OAR ACCESS NO.....209660-011
BY KROPP J L
INSTR...ARL-7023-00-03
PROJECT.....7023

ARL 67-1174N
AEROSPACE RESEARCH LABORATORIES
STUDY OF NEUTRON DEFICIENT NUCLEI PAR PHON DATA-STABILITY
LINE
PRINCETON UNIVERSITY, AUG 67
OAR ACCESS NO.....210430-006
BY PETRY R F
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 67-1175N
AEROSPACE RESEARCH LABORATORIES
K-1 TRANSITION BETWEEN K-0 BANDS
VANDEBILT UNIVERSITY, 12 MAY 67
OAR ACCESS NO.....210430-007
BY RAMAYYA
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 67-1176N
AEROSPACE RESEARCH LABORATORIES
ISOBARIC ANALOG STATE STUDIES IN THE PARTIUM REGION
ARGONNE NATIONAL LABORATORY, 1 SEP 67
OAR ACCESS NO.....210430-008
BY MORRISON G
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 67-1177N
AEROSPACE RESEARCH LABORATORIES
DIRECT REACTIONS AND THE SHEL MODEL
OAK RIDGE NATIONAL LABORATORY, SEP 67
OAR ACCESS NO.....210420-020
BY WILDENTHAL B
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1178N
AEROSPACE RESEARCH LABORATORIES
CORIOLIS COUPLING AND NUCLEAR PROPERTIES
YALE UNIVERSITY, 10 APR 67
OAR ACCESS NO.....210420-021
BY MALIK F B
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1179N
AEROSPACE RESEARCH LABORATORIES
THE PHYSICAL NATURE OF THE NUMERICAL INSTABILITY IN THE
SOLUTION OF THE EQUATIONS OF TRANSFER
OHIO STATE UNIVERSITY, 10 MAR 67
OAR ACCESS NO.....210420-022
BY COLLINS G W
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1180N
AEROSPACE RESEARCH LABORATORIES
USE OF SMALL COMPUTERS IN GAMMA-RAY SPECTROSCOPY
NATIONAL REACTOR TESTING STATION 28 APR 67
OAR ACCESS NO.....210420-023
BY BLACK H
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1181N
LOWEST RESEARCH INSTITUTE
MATHEMATICAL METHODS IN CELESTIAL MECHANICS
OAR ACCESS NO.....207102-002
BY FIELDS J
INSTR...AF-33/615/02784
PROJECT.....7071

<p>ARL 67-1188N OHIO STATE UNIVERSITY RESEARCH FOUNDATION CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF FIRST ORDER BY ATISSEN H OAR ACCESS NO.....21120-001 INSTR...AF-33615-67-C-1738 PROJECT.....7071</p>	<p>ARL 67-1192D AEROSPACE RESEARCH LABORATORIES VAPOR PLATING METALS FROM FLUOROCARBON KETC METAL COMPOUNDS S/N 362,212 /24 AUG 67/ OY MOSHIER R W SIEVERS A F SPENDLOVE L B OAR ACCESS NO.....209700-035 INSTR...ARL-7023-00-07 PROJECT.....7023</p>
<p>ARL 67-1183N UNIVERSITY OF CINCINNATI MATHEMATICAL METHODS IN CELESTIAL MECHANICS BY POLLARD H OAR ACCESS NO.....209520-001 INSTR...AF-33/615/02272 PROJECT.....7071</p>	<p>ARL 67-1193D AEROSPACE RESEARCH LABORATORIES MODULATED LIGHT SOURCE FOR ELECTRO-OPTICAL ANALYSIS OF SPECTRAL LINES UNITED STATES PATENT OFFICE, PATENT NO. 3,301,950, 31 JANUARY 1967 BY GEBEL R K H OAR ACCESS NO.....210370-012 INSTR...ARL-7885-00-03 PROJECT.....7885</p>
<p>ARL 67-1184N IOWA STATE UNIVERSITY ON METHODOLOGIES AND CONNECTIONS IN PARTITIONED LINEAR MODELS BY ZYSKIND G OAR ACCESS NO.....207091-002 INSTR...AF-33/615/01737 PROJECT.....7071</p>	<p>ARL 67-1194C AEROSPACE RESEARCH LABORATORIES IMAGE CHMICON WITH IMPROVED BEAM MODULATION FACTOR UNITED STATES PATENT OFFICE, PATENT NO. 3,313,977, 11 APRIL 67 BY GEBEL R K H OAR ACCESS NO.....210370-013 INSTR...ARL-7885-00-03 PROJECT.....7885</p>
<p>ARL 67-1185N UNIVERSITY OF CINCINNATI SIMULTANEOUS APPROXIMATION OF A FUNCTION AND ITS DERIVATIVES BY COMEN E OAR ACCESS NO.....209520-002 INSTR...AF-33/615/02272 PROJECT.....7071</p>	<p>ARL 67-1195A AEROSPACE RESEARCH LABORATORIES A STUDY OF ARC DISCHARGE SHAPES IN A TRANSVERSE MAGNETIC FIELD PAPER/ OHIO CHAPTER OF THE AMERICAN PHYSICAL SOCIETY, COLUMBUS, OHIO /14 APRIL 1967/ BY JEMENT W H OAR ACCESS NO.....211360-004 INSTR...ARL-7063-00-13 PROJECT.....7063</p>
<p>ARL 67-1186N OHIO STATE UNIVERSITY SOLUTIONS OF THE HILL-WEISSNER DIFFERENTIAL EQUATION BY WALT D K OAR ACCESS NO.....207571-005 INSTR...AF-33/615/01915 PROJECT.....7071</p>	<p>ARL 67-1196L AEROSPACE RESEARCH LABORATORIES ISOMERIC ANALOG STATES IN CISUPENJ5 VANDERBILT UNIV. PHYSICS SEMINAR /17 NOV 67/ BY MANTHURUTHIL J C OAR ACCESS NO.....210420-024 INSTR...ARL-7112-00-01 PROJECT.....7112</p>
<p>ARL 67-1187N CINCINNATI UNIV RESEARCH FOUNDATION WAVE PROPAGATION IN A DISSOCIATING AND DIFFUSING GAS PROP. MONTI WAS A GUEST SPEAKER AND PRESENTED A LECTURE IN THE ARL AUDITORIUM ON 20 JAN 67. BY MONTI R OAR ACCESS NO.....209520-003 INSTR...AF-33/615/02272 PROJECT.....7064</p>	<p>ARL 67-1197M OHIO STATE UNIVERSITY RESEARCH FOUNDATION LOW HEAT FLUX MEASUREMENTS IN HYPERSONIC WIND TUNNELS PRESENTED AT ARL, 8 DEC 1967 BY GHEGHEK G M OAR ACCESS NO.....207350-004 INSTR...AF-33/657/11060 PROJECT.....7065</p>
<p>ARL 67-1188N CINCINNATI UNIV RESEARCH FOUNDATION RECENT HYPERSONIC AERODYNAMIC RESEARCH AT ONERA /OFFICE NATIONAL DES ESSAIS ET LA RECHERCHE AEROSPATIALE/ PROP. MONTI WAS A GUEST SPEAKER AND PRESENTED A LECTURE IN THE ARL AUDITORIUM ON 20 JAN 67. BY CERESUELA R OAR ACCESS NO.....209520-004 INSTR...AF-33/615/02272 PROJECT.....7064</p>	<p>ARL 67-1198M OHIO STATE UNIVERSITY RESEARCH FOUNDATION LOW PRESSURE MEASUREMENTS IN HYPERSONIC WIND TUNNELS PRESENTED AT ARL ON 8 DEC 1967. BY KHOEGH F B OAR ACCESS NO.....207350-005 INSTR...AF-33/657/11060 PROJECT.....7065</p>
<p>ARL 67-1189D AEROSPACE RESEARCH LABORATORIES GAS COOLED COLLID PROPELLSION SYSTEMS U.S. PAT. NO. 3,217,488 BY VON OHAIN H LAWSON M O HASINGER S OAR ACCESS NO.....211290-001 INSTR...ARL-7116-00-04 PROJECT.....7116</p>	<p>ARL 67-1199P CORNELL AERONAUTICAL LABORATORIES, INC. METHOD OF CREATING A CONTROLLED NUCLEAR FUSION REACTION U.S. PATENT APPLICATION S/N 633,330, MAY 1967 BY DAIRER J W OAR ACCESS NO.....207291-001 INSTR...AF-33/615/05389 PROJECT.....7065</p>
<p>ARL 67-1190D AEROSPACE RESEARCH LABORATORIES SYNTHESIS OF AZO COMPOUNDS BY REARRANGEMENT OF HYDRAZONES U.S. PAT. NO. 3,350,385 /31 OCT 67/ BY SPIALTER L UNTEREITER G L OAR ACCESS NO.....204720-021 INSTR...ARL-7023-00-09 PROJECT.....7023</p>	<p>ARL 67-1200W UNIVERSITY OF DAYTON COS AS AN ACOUSTIC WAVE GUIDE SERIES OF LECTURES BEGINNING 9 MAY 1967 AT ARL. BY FRANK G OAR ACCESS NO.....211020-003 INSTR...AF-33615-67-C-1027 PROJECT.....7885</p>
<p>ARL 67-1191P MONSANTO RESEARCH CORPORATION RECOVERY OF METAL VALUES S/N 547,622 BY SCRIMMER W G OAR ACCESS NO.....207900-011 INSTR...AF-33/615/01043 PROJECT.....7023</p>	<p>ARL 67-1201H UNIVERSITY OF DAYTON INVESTIGATION OF ULTRASONIC WAVES IN II-VI SEMICONDUCTORS LECTURE GIVEN AT ARL, FEBRUARY 1967 BY PHISILLO A L OAR ACCESS NO.....211020-004 INSTR...AF-33615-67-C-1027 PROJECT.....7885</p>

ARL 67-120PM
UNIVERSITY OF DAYTON
SPIN PHONON INTERACTION IN NN-DOPED COS
LECTURE GIVEN AT ARL, FEBRUARY 1967
BY ROEDERSHNER R
OAR ACCESS NO.....211020-005
INSTR...F33015-67-C-1027
PROJECT.....7065

ARL 67-1203M
UNIVERSITY OF DAYTON
MAGNETIC AND OPTICAL MEASUREMENTS ON IRON GROUP IMPURITIES
IN IIR-VIA COMPOUNDS AT CRYOGENIC TEMPERATURE
LECTURE GIVEN AT ARL, FEBRUARY 1967
BY KHEITMAN M H
OAR ACCESS NO.....211020-006
INSTR...F33015-67-C-1027
PROJECT.....7065

ARL 67-1204M
UNIVERSITY OF DAYTON
REFRACTIVE INDEX OF ZINC - OXIDE SINGLE CRYSTALS
LECTURE GIVEN AT ARL, JANUARY 1967
BY FITZPATRICK D
OAR ACCESS NO.....211020-007
INSTR...F33015-67-C-1027
PROJECT.....7065

ARL 67-1206L
UNIVERSITY OF MARYLAND
RESEARCH ON FLUID DYNAMICS IN JAPAN
PRESENTED AT AFIT LECTURE ROOM 230 /BLOG. 640, W-PAFH/, 1
DEC 67/
BY SHIM-I-PAI
OAR ACCESS NO.....210850-001
INSTR...AF-33/615/03908
PROJECT.....7063

ARL 67-1207L
AEROSPACE RESEARCH LABORATORIES
PLASMA ARC TECHNOLOGY AT THE THERMOMECHANICS RESEARCH
LABORATORY
PRESENTED TO WITTENBURG UNIVERSITY PHYSICS CLUB STUDENTS AT
ARL CONFERENCE ROOM, 1 DEC 67/
BY HONAN W C
OAR ACCESS NO.....211380-005
INSTR...ARL-7063-00-15
PROJECT.....7063

ARL 67-1208L
AEROSPACE RESEARCH LABORATORIES
SERIES OF LECTURES ON /SEPARATED FLOWS/ VON KARMAN
INSTITUTE FOR FLUID DYNAMICS, BRUSSELS, BELGIUM. PART I
/ EXACT SOLUTIONS OF THE LAMINAR BOUNDARY LAYER EQUATIONS,
SERIES OF LECTURES GIVEN AT THE VON KARMAN INSTITUTE FOR
FLUID DYNAMICS, BRUSSELS, BELGIUM, 17-28 APR 67.
BY RAL K O W
MANLEY W L
OAR ACCESS NO.....209910-005
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 67-1209L
AEROSPACE RESEARCH LABORATORIES
THE DESIGN FEATURES OF HYPERSONIC VEHICLES
GIVEN TO AERONAUTICAL ENGINEERING HONORARY, SIGMA GAMMA
TAU, OHIO STATE UNIVERSITY, 7 FEB 67.
BY MANLEY W L
OAR ACCESS NO.....209860-007
INSTR...ARL-7064-00-02
PROJECT.....7064

ARL 67-1210C
AEROSPACE RESEARCH LABORATORIES
FLOW VISUALIZATION IN AN INCOMPRESSIBLE MEDIUM
OAR REVIEW ITEM, VOL VI, NO. 6, PP 23-26
BY FRISVAG E G
OAR ACCESS NO.....210130-001
INSTR...ARL-7065-00-11
PROJECT.....7065

ARL 67-1211C
AEROSPACE RESEARCH LABORATORIES
SPHERICAL-IMPLOSION LAUNCHING TECHNIQUE
OAR RESEARCH REVIEW ARTICLE/ VOL VI, NO 5, MAY 1967
BY GOMESH J B
OAR ACCESS NO.....210170-005
INSTR...ARL-7065-00-15
PROJECT.....7065

ARL 67-1212C
AEROSPACE RESEARCH LABORATORIES
MAGNETIC WIND-TUNNEL-MODEL SUSPENSION AND BALANCE SYSTEMS
OAR RESEARCH REVIEW ARTICLE, VOL VI, NO. 6, JUNE 1967
BY DAUM F L
OAR ACCESS NO.....210130-002
INSTR...ARL-7065-00-11
PROJECT.....7065

ARL 67-1213H
NEW YORK UNIVERSITY
A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED
BODIES
PAPER PRESENTED AT AGARD MEETING, NEW EXPERIMENTAL
TECHNIQUES IN PROPULSION & ENERGY PROBLEMS, MUNICH,
GERMANY 11-15 SEP 67.
BY ZAKKAY V
NAK W
OAR ACCESS NO.....209251-00J
INSTR...AF-33/615/03236
PROJECT.....7065

ARL 67-1214B
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS
WITH PHASE CHANGE COATINGS
PAPER PRESENTED AT SUPERSONIC TUNNEL ASSOCIATION MEETING
DENVER, COLORADO 29-31 OCT 67.
BY GREGUREK G M
OAR ACCESS NO.....207350-006
INSTR...AF-33/615/11060
PROJECT.....7065

ARL 67-1215B
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
HYPERSONIC WIND TUNNEL PRESSURE MEASUREMENTS
PAPER PRESENTED AT FIFTH TRANSDUCER WORKSHOP, NATIONAL
BUREAU OF STANDARDS, GAITHERSBURG, MD., 3-4 OCT 67.
BY KROEGER F B
OAR ACCESS NO.....210170-006
INSTR...ARL-7065-00-15
PROJECT.....7065

ARL 67-1216B
CONNELL AERONAUTICAL LABORATORIES
RADIATIVE ENERGY ADDITION BEHIND A SHOCKWAVE
PAPER PRESENTED AT AMERICAN PHYSICAL SOCIETY MEETING,
TORONTO, CANADA, 21-23 JUNE 1967
BY NEHM R G
OAR ACCESS NO.....207291-002
INSTR...AF-33/615/05369
PROJECT.....7065

ARL 67-1217A
AEROSPACE RESEARCH LABORATORIES
SUPERSONIC COMBUSTION SIMULATION
PAPER PRESENTED AT THE SPRING MEETING OF THE WESTERN STATES
SECTION OF THE COMBUSTION INSTITUTE, UNIV OF CALIF.
BY DUNN R G
OAR ACCESS NO.....210900-003
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 67-1218A
AEROSPACE RESEARCH LABORATORIES
SUPERSONIC COMBUSTION SIMULATION
PAPER PRESENTED AT SECOND OAR RESEARCH APPLICATIONS
CONFERENCE, WASHINGTON DC
BY DUNN R G
OAR ACCESS NO.....210900-004
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 67-1219A
PURDUE UNIVERSITY
A PHOTOSTRESS STUDY OF SPUR GEAR TEETH
PAPER PRESENTED 18 MAY 67 BEFORE THE SAE MID-YEAR MEETING
IN CHICAGO, ILLINOIS.
BY POTTINGER M G
COHEN R
STITZ E D
OAR ACCESS NO.....210170-007
INSTR...ARL-7065-00-15
PROJECT.....7065

ARL 67-1220A
AEROSPACE RESEARCH LABORATORIES
THE ARL CORED BRICK STORAGE HEATER
PAPER PRESENTED AT TWENTY-SEVENTH MEETING OF THE SUPERSONIC
TUNNEL ASSN, AEDC, ARNOLD AFS, TENN, MAY 1967.
BY SCAGGS N E
OAR ACCESS NO.....210170-008
INSTR...ARL-7065-00-15
PROJECT.....7065

ARL 67-1221I
AIR FORCE INSTITUTE OF TECHNOLOGY
AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION
WAVES IN A FLOWING COMBUSTIBLE MIXTURE
PH.D THESIS, OHIO STATE UNIVERSITY, JUNE 1967
BY HAMILTON L A
OAR ACCESS NO.....210900-005
INSTR...ARL-7065-00-16
PROJECT.....7065

ARL 67-1222A
AEROSPACE RESEARCH LABORATORIES
AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLES
PAPER APPEARED IN THE PROCEEDINGS OF THE 28TH SUPERSONIC
TUNNEL ASSOCIATION MEETING.
BY DAUM F L
GYARMATHY G
DAR ACCESS NO.....210150-005
INSTR...ARL-7005-00-14
PROJECT.....7005

ARL 67-1223M
CORNELL AERONAUTICAL LABORATORY, INC.
AN ISENTROPIC COMPRESSION TUBE
LECTURE PRESENTED AT AEROSPACE LECTURE SERIES, OHIO STATE
UNIV.
BY MALL J G
DAR ACCESS NO.....210170-009
INSTR...ARL-7005-00-15
PROJECT.....7005

ARL 67-1224L
AEROSPACE RESEARCH LABORATORIES
PHOTOLASTIC COATING TECHNOLOGY APPLIED TO CONTACT PROBLEMS
LECTURE GIVEN BEFORE THE CENTRAL INDIANA SECTION OF SESA ON
6 NOV 1967.
BY POTTINGER M G
DAR ACCESS NO.....210170-010
INSTR...ARL-7005-00-15
PROJECT.....7005

ARL 67-1225L
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
MODERN OPTICS DIRECTED TO FLOW VISUALIZATION APPLICATIONS
LECTURES PRESENTED AT AEROSPACE RESEARCH LABORATORIES, IN
APRIL 1967.
BY PAQUES H
DAR ACCESS NO.....210150-001
INSTR...ARL-7005-00-13
PROJECT.....7005

ARL 67-1226L
AEROSPACE RESEARCH LABORATORIES
INTRODUCTION TO LECTURES ON SUPERSONIC TURBOMACHINERY
PRESENTED AT AGARD MEETING, VARENNES, ITALY, MAY 1967
BY JOHNSON E G
DAR ACCESS NO.....210110-003
INSTR...ARL-7005-00-09
PROJECT.....7005

ARL 67-1227J
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
VIBRATIONAL RELAXATION IN EXPANDING FLOWS
M.S. THESIS, OHIO STATE UNIVERSITY
BY BORSKI A
DAR ACCESS NO.....207350-012
INSTR...AF-33/657/11060
PROJECT.....7005

ARL 67-1228J
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
VISCOSITY EFFECTS ON BLUNT CONES AT LOW REYNOLDS NUMBERS AND
HYPERSONIC SPEED
PH.D. THESIS, OHIO STATE UNIVERSITY
BY GREGOREK G G
DAR ACCESS NO.....207350-007
INSTR...AF-33/657/11060
PROJECT.....7005

ARL 67-1229J
CORNELL AERONAUTICAL LABORATORY, INC.
INTERACTION OF LASER RADIATION WITH GASES
PH.D. THESIS, STATE UNIVERSITY OF NEW YORK AT BUFFALO, MAY
1967
BY DAIHER J W
DAR ACCESS NO.....207290-004
INSTR...AF-33/657/08860
PROJECT.....7005

ARL 67-1230J
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CALIBRATION STUDY FOR A SIX-DEGREE-OF-FREEDOM MAGNETIC
BALANCE AND SUSPENSION SYSTEM
PH.D. THESIS, MIT JUNE 1967
BY PETERSEN H A
DAR ACCESS NO.....207191-005
INSTR...AF-33/615/01470
PROJECT.....7005

ARL 67-1231M
CORNELL AERONAUTICAL LABORATORY, INC.
USE OF THE LASER AS AN ENERGY SOURCE IN FLUID MECHANICS
LECTURE PRESENTED AT AEROSPACE RESEARCH LABORATORIES.
BY DAIHER J W
DAR ACCESS NO.....207291-003
INSTR...AF-33/615/05369
PROJECT.....7005

ARL 67-1232L
CORNELL AERONAUTICAL LABORATORY, INC.
USE OF A FREE PISTON FOR GENERATING HYPERVELOCITY FLOWS
LECTURE PRESENTED AT THE AEROSPACE RESEARCH LABORATORIES.
BY STODDARD F J
DAR ACCESS NO.....207291-004
INSTR...AF-33/615/05369
PROJECT.....7005

ARL 67-1233M
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
VIBRATIONAL RELAXATION IN EXPANDING PLASMA FLOWS
LECTURE GIVEN AT ARL.
BY PETRIE S L
DAR ACCESS NO.....207350-008
INSTR...AF-33/657/11060
PROJECT.....7005

ARL 67-1234L
AEROSPACE RESEARCH LABORATORIES
ON THE GKD MULTIMOMENT INTEGRAL METHOD
LECTURE GIVEN AT TECHNISCHE HOCHSCHULE KAHLSTRUBE, KAHLSTRUBE
, GERMANY.
BY BETHEL H E
DAR ACCESS NO.....209910-006
INSTR...ARL-7004-00-07
PROJECT.....7004

ARL 67-1235B
AVCO CORPORATION
STUDIES ON AN INERT GAS DISK MALL GENERATOR DRIVEN IN A
SHOCK TUNNEL
EIGHTH SYMPOSIUM ON THE ENGINEERING ASPECTS OF MHD,
STANFORD UNIVERSITY, CALIFORNIA /MARCH 1967/
BY LOUIS J F
DAR ACCESS NO.....210650-001
INSTR...AF-33/615/03413
PROJECT.....7003

ARL 67-1236B
GHEYRAD CORPORATION
COOLED PROBE DIAGNOSTICS OF DENSE PLASMA MIXING AND HEAT
TRANSFER PROCESSES
SYMPOSIUM ON HIGH TEMPERATURE TECHNOLOGY, 60TH ANNUAL
MEETING AICHE, NEW YORK, 26-30 NOV 67. PUBLISHED AS
PREPRINT 9C
BY GHEY J
DAR ACCESS NO.....207780-004
INSTR...AF-33/657/04962
PROJECT.....7003

ARL 67-1237A
CHEMISTRY RESEARCH LABORATORY
IONIC POLYMERIZATION OF SIMPLE UNSATURATED HYDROCARBONS,
ACETYLENE AND ETHYLENE
PRESENTED AT ASTM E-14 MEETING, DENVER, COLORADO, 14-19 MAY
67.
BY FUTRELL J H
TIERNAN T D
DAR ACCESS NO.....209730-049
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1238A
AEROSPACE RESEARCH LABORATORIES
CHEMISTRY RESEARCH AT THE AEROSPACE RESEARCH LABORATORIES
PRESENTED AT WAYNE HIGH SCHOOL, DAYTON, OHIO, 17 APR 67.
BY FUTRELL J H
DAR ACCESS NO.....209730-050
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1239A
AEROSPACE RESEARCH LABORATORIES
ISOTOPE EFFECTS IN ION MOLECULE REACTIONS
PRESENTED AT UNIVERSITY OF FLORIDA, GAINESVILLE, FLORIDA,
23 FEB 67.
BY FUTRELL J H
DAR ACCESS NO.....209730-051
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1240A
AEROSPACE RESEARCH LABORATORIES
MASS SPECTROMETRIC STUDIES OF ION-MOLECULE REACTIONS
PRESENTED AT WRIGHT STATE UNIVERSITY, CHEMISTRY DEPARTMENT,
DAYTON, OHIO, 8 FEB 67.
BY FUTRELL J H
DAR ACCESS NO.....209730-052
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1261A
AEROSPACE RESEARCH LABORATORIES
DETERMINATION OF RATES OF RACEMIZATION OF ALUMINUM
BETA-DIKETONATE COMPLEXES BY NMR STUDIES OF MACRO-
MIXTURES
PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, MIAMI,
FLORIDA, APR 67.
BY FORTMAN J J
STIEVERS R E
OAR ACCESS NO.....209700-036
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1242A
AEROSPACE RESEARCH LABORATORIES
OPTICALLY ACTIVE SILICON COMPOUNDS AND THEIR REACTIONS
PRESENTED AT THIRD INTERNATIONAL SYMPOSIUM ON
ORGANOMETALLIC CHEMISTRY, MUNICH, GERMANY, AUG 67.
BY RUELL G R
SPEALTER L
OAR ACCESS NO.....209720-022
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 67-1243A
AEROSPACE RESEARCH LABORATORIES
DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE USE IN
ENERGY CONVERSION WITH SOFT AND HARD X-RAY
PRESENTED AT 18TH ANNUAL MID-AMERICA SYMPOSIUM ON
SPECTROSCOPY, CHICAGO, ILLINOIS, MAY 67.
BY CHAN F L
OAR ACCESS NO.....209700-037
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1244A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN PROPANE
PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, MIAMI,
FLORIDA, APR 67.
BY BONE L I
FUTRELL J H
OAR ACCESS NO.....209730-051
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1245A
AEROSPACE RESEARCH LABORATORIES
COMMENTS ON THE STRUCTURE OF ELECTROLYTE SOLUTIONS BASED ON
THERMAL DIFFUSION MEASUREMENTS
PRESENTED AT FOURTH CARIBBEAN CHEMICAL SYMPOSIUM, KINGSTON,
JAMAICA, 3-7 JAN 67.
BY BECSEY J C
BIERLEIN J A
OAR ACCESS NO.....209650-007
INSTR...ARL-7023-00-02
PROJECT.....7023

ARL 67-1246A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS OF PROPYLENE AND BUTENE
PRESENTED AT ASTM E-14 MEETING, DENVER, COLORADO, 14-19 MAY
67.
BY ABRAHAMSON F P
FUTRELL J H
OAR ACCESS NO.....209730-054
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1247A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN ALKYL HALIDES
PRESENTED AT PACIFIC CONFERENCE ON CHEMISTRY AND
SPECTROSCOPY, ANAHEIM, CALIFORNIA, 31 OCT 67.
BY BHATTACHARYA A K
HUGHES B M
TIENHAN T O
OAR ACCESS NO.....209730-055
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 67-1248C
AEROSPACE RESEARCH LABORATORIES
A METHOD OF DETERMINING ANGULAR MOMENTA OF NUCLEAR EXCITED
STATES
VOL. VI, NO. 5, P. 16 OAR REV ARTICLE MAY 67
BY WILLIAMS M
OAR ACCESS NO.....210420-025
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1249C
AEROSPACE RESEARCH LABORATORIES
THERMOELECTRIC POWER AND ELECTRICAL CONDUCTIVITY OF NbO2
OAR RESEARCH REVIEW, VI, NO. 5, P. 20-23
BY ROBERTSON J A
OAR ACCESS NO.....211170-001
INSTR...ARL-7021-00-14
PROJECT.....7021

ARL 67-1250C
AEROSPACE RESEARCH LABORATORIES
A BRIEF LOOK AT THERMOELECTRICITY
OAR RESEARCH REVIEW, VOL. VI, NO. 6, P. 10-11
BY JESSE K E
OAR ACCESS NO.....209990-009
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 67-1251C
AEROSPACE RESEARCH LABORATORIES
THE INFLUENCE OF AGING ON THE LOW-TEMPERATURE YIELD POINT
IN IRON
OAR RESEARCH REVIEW, VOL. VI, NO. 6, P. 9-10
BY ADAIR A H
OAR ACCESS NO.....209930-008
INSTR...ARL-7021-00-07
PROJECT.....7021

ARL 67-1252C
AEROSPACE RESEARCH LABORATORIES
ESTIMATION OF PARAMETERS OF LIFE DISTRIBUTIONS
OAR RESEARCH REVIEW ARTICLES
BY HARTER H L
OAR ACCESS NO.....210280-019
INSTR...ARL-7021-00-11
PROJECT.....7021

ARL 67-1253C
AEROSPACE RESEARCH LABORATORIES
PREDICTION OF SHOCK SHAPES
OAR RESEARCH REVIEW, VOL. 6, NO. 5, MAY 1967.
BY THOMAS J H
OAR ACCESS NO.....209900-007
INSTR...ARL-7064-00-06
PROJECT.....7064

ARL 67-1254C
AEROSPACE RESEARCH LABORATORIES
LAMINAR BOUNDARY-LAYER FLOW WITH MASS TRANSFER
OAR RESEARCH REVIEW, VOL. VI, NO. 7, JULY 1967.
BY BETHEL H E
OAR ACCESS NO.....209910-007
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 67-1255C
OFFICE OF AEROSPACE RESEARCH
FIELD TESTING THE ARL DUST SEPARATOR
OAR RESEARCH REVIEW, JANUARY 1967
BY MILLER R A
OAR ACCESS NO.....210540-007
INSTR...ARL-7116-00-03
PROJECT.....7116

ARL 67-1256L
AEROSPACE RESEARCH LABORATORIES
INTRODUCTION TO PROBABILITY AND STATISTICS
MATHEMATICS DEPT COURSES 672/A, B, 673/A, B, OHIO STATE
UNIV /1966-1967/
BY HARR D H
OAR ACCESS NO.....210300-001
INSTR...ARL-7071-00-13
PROJECT.....7071

ARL 67-1257L
AEROSPACE RESEARCH LABORATORIES
SEMINAR ON STATISTICAL MECHANICS
ARL SEMINAR ROOM /1966-1967/
BY GUDERLEY K G
OAR ACCESS NO.....211330-007
INSTR...ARL-7071-00-21
PROJECT.....7071

ARL 67-1258L
AEROSPACE RESEARCH LABORATORIES
RIGOROUS BOUNDS ON THE ERROR IN NUMERICAL SOLUTION OF
ORDINARY DIFFERENTIAL EQUATIONS
ARL SEMINAR /JUNE 1967/
BY KELLER C
OAR ACCESS NO.....210310-010
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 67-1259L
AEROSPACE RESEARCH LABORATORIES
INTEGRAL TRANSFORM TECHNIQUES
MATHEMATICS DEPARTMENT AFIT /1967/
BY LEE D A
OAR ACCESS NO.....210320-013
INSTR...ARL-7071-00-15
PROJECT.....7071

<p>ARL 67-1260L AEROSPACE RESEARCH LABORATORIES NEW METHOD FOR TURBULENT SHEAR FLOWS ARL SEMINAR /APR 1967/ BY LEE J H OAR ACCESS NO.....211320-008 INSTR...ARL-7071-00-20 PROJECT.....7071</p>	<p>ARL 67-1270F AEROSPACE RESEARCH LABORATORIES THE LAX-BENDORFF METHOD APPLIED TO AXIAL SYMMETRIC SWIRL FLOW REPRINTED FROM BLANCH ANNIVERSARY VOLUME, PP 3-20, FEBRUARY 1967. BY ARMITAGE J V OAR ACCESS NO.....211320-009 INSTR...ARL-7071-00-20 PROJECT.....7071</p>
<p>ARL 67-1261L AEROSPACE RESEARCH LABORATORIES INTRODUCTION TO MATHEMATICAL STATISTICS MATHEMATICS DEPARTMENT COURSE 8.98, APIT BY BARR D R OAR ACCESS NO.....210300-002 INSTR...ARL-7071-00-13 PROJECT.....7071</p>	<p>ARL 67-1271E AEROSPACE RESEARCH LABORATORIES SELECTION PROCEDURES BASED ON COVARIANCE MATRICES OF MULTIVARIATE NORMAL POPULATIONS REPRINTED FROM BLANCH ANNIVERSARY VOLUME, PP 147-160, FEBRUARY 1967 BY KRISHNAIAH P R OAR ACCESS NO.....210290-015 INSTR...ARL-7071-00-12 PROJECT.....7071</p>
<p>ARL 67-1262L AEROSPACE RESEARCH LABORATORIES CELESTIAL MECHANICS MECHANICS DEPT COURSE MCB.30, APIT /MAR 66 AND MAR 67/ BY VOLAVER L E OAR ACCESS NO.....211340-005 INSTR...ARL-7071-00-22 PROJECT.....7071</p>	<p>ARL 67-1272E AEROSPACE RESEARCH LABORATORIES SOME COMPUTATIONAL ASPECTS OF THE TENSOR PRODUCT OF LINEAR PROGRAMS REPRINTED FROM BLANCH ANNIVERSARY VOLUME, PP. 247-267, FEBRUARY 1967 BY MOND B CLEMM D S OAR ACCESS NO.....210320-017 INSTR...ARL-7071-00-15 PROJECT.....7071</p>
<p>ARL 67-1263L AEROSPACE RESEARCH LABORATORIES SOME ASPECTS OF MODERN MATHEMATICS HARVARD CLUB OF DAYTON /21 MARCH 1967/ BY SHISHA O OAR ACCESS NO.....210320-014 INSTR...ARL-7071-00-15 PROJECT.....7071</p>	<p>ARL 67-1273E AEROSPACE RESEARCH LABORATORIES ON ERROR BOUNDS FOR THE SOLUTION OF SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS REPRINTED FROM BLANCH ANNIVERSARY VOLUME, PP 45-89, FEBRUARY 1967 BY GUDERLEY K G VALENTINE M OAR ACCESS NO.....210310-011 INSTR...ARL-7071-00-14 PROJECT.....7071</p>
<p>ARL 67-1264L AEROSPACE RESEARCH LABORATORIES THE CHEBYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL TEXAS TECHNOLOGICAL COLLEGE, LUBBOCK, TEXAS /25 FEB 1967/ BY SHISHA O OAR ACCESS NO.....210320-015 INSTR...ARL-7071-00-15 PROJECT.....7071</p>	<p>ARL 67-1274E AEROSPACE RESEARCH LABORATORIES GENERALIZED BIHARMONIC PROBLEM AND RELATED EIGENVALUE PROBLEMS REPRINTED FROM BLANCH ANNIVERSARY VOLUME, PP. 35-44, FEBRUARY 1967. BY FICHERA G OAR ACCESS NO.....210310-012 INSTR...ARL-7071-00-14 PROJECT.....7071</p>
<p>ARL 67-1265L AEROSPACE RESEARCH LABORATORIES ANALOG STAFFS IN CUSUPPER37 SEMINAR AT TECHNOLOGY, INC. BY NYOER A K OAR ACCESS NO.....210420-028 INSTR...ARL-7112-00-01 PROJECT.....7112</p>	<p>ARL 67-1275E AEROSPACE RESEARCH LABORATORIES CALCULATION OF TOROIDAL HARMONICS WITHOUT RECOURSE TO ELLIPTIC INTEGRALS BLANCH ANNIVERSARY VOLUME, PP 21-34, FEBRUARY 1967 BY FETTI M E OAR ACCESS NO.....210310-013 INSTR...ARL-7071-00-14 PROJECT.....7071</p>
<p>ARL 67-1266L AEROSPACE RESEARCH LABORATORIES M-SUBSHELL MEASUREMENTS ON PURE F2 TRANSITIONS IN EVEN-EVEN NUCLEI PRESENTED TO VANDERBILT UNIVERSITY /17 NOV 67/ BY MANITHURUTHIL J C OAR ACCESS NO.....210420-027 INSTR...ARL-7112-00-01 PROJECT.....7112</p>	<p>ARL 67-1276E AEROSPACE RESEARCH LABORATORIES BOUNDS ON THE VALUE OF A DIRICHLET INTEGRAL REPRESENTING A COEFFICIENT OF APPARENT MASS REPRINTED FROM BLANCH ANNIVERSARY VOLUME, PP 99-146, FEBRUARY 1967 BY BREITER M C BREITER M C OAR ACCESS NO.....210310-014 INSTR...ARL-7071-00-14 PROJECT.....7071</p>
<p>ARL 67-1267E AEROSPACE RESEARCH LABORATORIES SERIES EXPANSIONS FOR THE INCOMPLETE GAMMA FUNCTION AND ITS DERIVATIVES CHAPTER OF BOOK, REPRINTED FROM BLANCH ANNIVERSARY VOLUME PP. 91-97 FEBRUARY 1967 BY HARTER M L OAR ACCESS NO.....210280-020 INSTR...ARL-7071-00-11 PROJECT.....7071</p>	<p>ARL 67-1277C AEROSPACE RESEARCH LABORATORIES VARIABLE CONDUCTIVITY MFD COUETTE FLOW OAR RESEARCH REVIEW, VOL. IV, NO. 3, PP. 12-14, /MAY 1965/ BY CHANER K R OAR ACCESS NO.....211370-004 INSTR...ARL-7063-00-14 PROJECT.....7063</p>
<p>ARL 67-1268E AEROSPACE RESEARCH LABORATORIES A DIFFERENCE INEQUALITY FOR OPERATIONS IN HILBERT SPACE BLANCH ANNIVERSARY VOLUME, PP 269-275, FEBRUARY 1967 BY MOND B SHISHA O OAR ACCESS NO.....210320-016 INSTR...ARL-7071-00-15 PROJECT.....7071</p>	<p>ARL 67-1278C AEROSPACE RESEARCH LABORATORIES APPLICATION OF THE DIFFERENTIAL INTERFEROMETER TO ARC- HEATED PLASMAS OAR RESEARCH REVIEW, VOL. V, NO. 7, PP. 8-10, /SEPTEMBER 1966/ BY SCHREIBER P W OAR ACCESS NO.....211370-005 INSTR...ARL-7063-00-14 PROJECT.....7063</p>
<p>ARL 67-1269E AEROSPACE RESEARCH LABORATORIES ON DEGRADATION OF COMBINATION LOCKS AND THE MAXIMUM TIME TO OPEN THEM REPRINTED FROM BLANCH ANNIVERSARY VOLUME PP. 189-213, FEBRUARY 1967 BY LUM M D OAR ACCESS NO.....210272-005 INSTR...ARL-7071-00-10 PROJECT.....7071</p>	

ARL 67-1279C
AEROSPACE RESEARCH LABORATORIES
HEAT TRANSFER AND RELATED SUPERSONIC FLOW STRUCTURE FOR
AERODYNAMIC REWARD-PACING SURFACE STEPS
OAR RESEARCH REVIEW VOL. V, NO. 10, PP. 10-12 /DECEMBER
1966/
BY SCHERBERG M G
OAR ACCESS NO.....211380-005
INSTR...ARL-7063-00-12
PROJECT.....7063

ARL 67-1280A
AEROSPACE RESEARCH LABORATORIES
SHORT WAVELENGTH IMPURITY EXCITON TRANSITIONS IN COS AT 1-2
DEGREES K
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH
1967, CHICAGO, ILL.
BY REYNOLDS D C
LITTON C W
COLLINS T C
OAR ACCESS NO.....210580-012
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 67-1280L
AEROSPACE RESEARCH LABORATORIES
ISOBARIC ANALOG STATES IN MASS-36 NUCLEI
NORTH CAROLINA STATE UNIV. PHYSICS SEMINAR /2 OCT 67
OAR ACCESS NO.....210420-028
BY WATSON D D
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 67-1281A
AEROSPACE RESEARCH LABORATORIES
DIFFUSIONAL-TYPE SUPERSONIC COMBUSTION AT LOW DENSITIES
PAPER PRESENTED AT THIRD AFOSR COMBINED CONTRACTORS
MEETING ON COMBUSTION DYNAMICS RESEARCH COCOA BEACH, FLA.
JUNE 1967
OAR ACCESS NO.....210900-006
BY DUHN R G
INSTR...ARL-7065-00-10
PROJECT.....7065

ARL 67-1282B
NEW YORK UNIVERSITY
LATTICE DYNAMICS AND PROPERTIES OF COS WURTZITE
PRESENTED AT THE INTERNATIONAL CONFERENCE ON II-VI
SEMICONDUCTING COMPOUNDS, SEPT. 1967; PUBLISHED IN
PROCEEDINGS, NOV 1967
OAR ACCESS NO.....209061-001
BY MUSINOVIC N A
BIRMAN J L
INSTR...AF-33/615/01746
PROJECT.....7885

ARL 67-1283B
NEW YORK UNIVERSITY
THEORY OF CU CENTERS IN ZND₂CU AND ZNS₂CU
PRESENTED AT THE INTERNATIONAL CONFERENCE ON II-VI
SEMICONDUCTING COMPOUNDS, SEPT. 1967; PUBLISHED IN
PROCEEDINGS, NOV 1967
OAR ACCESS NO.....209061-002
BY WALTER W
BIRMAN J L
INSTR...AF-33/615/01746
PROJECT.....7885

ARL 67-1284A
AEROSPACE RESEARCH LABORATORIES
GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING,
DECEMBER 1967, PASADENA, CALIF.
OAR ACCESS NO.....210590-003
BY KINGSTON D L
GREENE L C
CROFT L W
INSTR...ARL-7885-00-05
PROJECT.....7885

ARL 67-1285A
AEROSPACE RESEARCH LABORATORIES
MEASUREMENT OF THE EPR PARAMETERS OF COGS IN CUBIC CADMIUM
SULFIDE
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH
1967, CHICAGO, ILL.
OAR ACCESS NO.....210550-009
BY LOCKER D R
DORAIN P B
INSTR...ARL-7885-00-01
PROJECT.....7885

ARL 67-1286A
AEROSPACE RESEARCH LABORATORIES
THE EFFECT OF UNIAXIAL STRESS ON COSE
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, SEATTLE
WASHINGTON, AUGUST 1967
OAR ACCESS NO.....210560-007
BY KODA I
LANGER D
INSTR...ARL-7885-00-02
PROJECT.....7885

ARL 67-1287A
AEROSPACE RESEARCH LABORATORIES
ZEEMAN SPLITTING OF BOUND EXCITON EXCITED STATES IN COS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH
1967, CHICAGO, ILL.
OAR ACCESS NO.....210580-011
BY LITTON C W
COLLINS T C
REYNOLDS D C
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 67-1289A
AEROSPACE RESEARCH LABORATORIES
CALCULATION OF THE IMAGINARY PART OF THE COMPLEX DIELECTRIC
CONSTANT OF COS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH
1967, CHICAGO, ILL.
OAR ACCESS NO.....210580-013
BY COLLINS T C
EUMEMA R N
DEWITT J S
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 67-1290A
AEROSPACE RESEARCH LABORATORIES
REFRACTIVE INDEX OF ZND SINGLE CRYSTALS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH,
1967, CHICAGO, ILL.
OAR ACCESS NO.....210580-014
BY FITZPATRICK D E
SCHNEIDER J R
PARK Y S
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 67-1291A
AEROSPACE RESEARCH LABORATORIES
EDGE EMISSION AND ZEEMAN EFFECTS IN ZNS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH,
1967, CHICAGO, ILL.
OAR ACCESS NO.....210580-015
BY PARK Y S
LITTON C W
REYNOLDS D C
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 67-1292A
AEROSPACE RESEARCH LABORATORIES
RADIATION DAMAGE NEAR THE EDGE IN LITHIUM DOPED COSE
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING, MARCH,
1967, CHICAGO, ILL.
OAR ACCESS NO.....210580-010
BY FRALEY P E
CROCKER G B
KULP B A
INSTR...ARL-7885-00-01
PROJECT.....7885

ARL 67-1293A
AEROSPACE RESEARCH LABORATORIES
THIN FILM CADMIUM SULFIDE SOLAR CELLS
PRESENTED AT THE 10TH MEETING OF THE PROPULSION &
ENERGETICS PANEL, AGARDNATO, 12-16 JUN 67, LIEGE, BELGIUM
OAR ACCESS NO.....210570-014
BY REYNOLDS D C
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 67-1294M
MCGILL UNIVERSITY
CHANGE OF TRANSITION TEMPERATURES OF ANTIFERROMAGNETIC
CRYSTALS AS A FUNCTION OF HIGH HYDROSTATIC PRESSURES
LECTURE GIVEN AT ARL, JULY 1967
OAR ACCESS NO.....209520-005
BY SRIVASTAVA V C
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 67-1295M
UNIVERSITY OF KARLSRUHE
RECENT RESEARCH AT HIS INSTITUTE DEALING WITH ELECTRICAL
MEASUREMENTS AND CONTACT PROPERTIES OF II-VI COMPOUNDS
LECTURE GIVEN AT ARL, SEPT 1967
OAR ACCESS NO.....209520-006
BY STOECKMANN F
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 67-1296M
BATTELLE MEMORIAL INSTITUTE
EFFECTS OF PRESSURE ON THE HOPPING PROCESS IN SMALL POLARONIC
LECTURE GIVEN AT ARL, AUGUST 1967
OAR ACCESS NO.....209520-007
BY FREUD P
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 67-1297M
UNIVERSITY OF ILLINOIS
OSCILLATORY PHOTOCONDUCTIVITY IN SEMICONDUCTORS
LECTURE GIVEN AT ARL, APRIL 1967
OAR ACCESS NO.....209520-008
BY STOCKER H J
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 67-1298M
TECHNISCHE HOCHSCHULE MÜNCHEN
STUDY OF TRAPPING PROPERTIES AND IN EXITATION OF ZINC
SULPHIDE
LECTURE GIVEN AT ARL, MARCH 1967
OAR ACCESS NO.....209520-009
BY THOMA P
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-1299M
UNIVERSITY OF FRANKFURT
INVESTIGATIONS OF EXCITED STATES OF IMPURITY CENTERS OF
ELASTIC AND ELECTRIC PROPERTIES
LECTURE GIVEN AT ARL, JANUARY 1967
OAR ACCESS NO.....209520-010
BY GEBHARDT W
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-1300M
UNIVERSITY OF PENNSYLVANIA
NANAN SCATTERING BY COUPLED PLASMONS - LO PHONON MODES IN
ZNS-TYPE CRYSTALS
LECTURE GIVEN AT ARL, JANUARY 1967
OAR ACCESS NO.....209520-062
BY BURSTEIN E
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-1301R
AEROMET GENERAL CORPORATION
MEASUREMENTS OF PLASMA ROTATION IN A HOLLOW CATHODE
DISCHARGE
AGM TP-203 AUG 1967
OAR ACCESS NO.....210920-001
BY HUFSCHOTEN F
DEWEY L J
INSTN...AF-33/615/03927
PROJECT.....7073

ARL 67-1302R
AEROMET GENERAL CORPORATION
PLASMA WAVES AND ROTATION IN THE GAS-FED HOLLOW-CATHODE ARC
AGM TP-203 OCT 1967
OAR ACCESS NO.....210920-002
BY KRETSCHMER F J
BOESCHOTEN F
DEWEY L J
INSTN...AF-33/615/03927
PROJECT.....7073

ARL 67-1303R
AEROMET GENERAL CORPORATION
RESEARCH IN HIGH TEMPERATURE PLASMA
AN 1551 AFAPL-TH-67-28
OAR ACCESS NO.....210920-003
BY LUCE J S
INSTN...AF-33/615/03927
PROJECT.....7073

ARL 67-1304R
PURDUE UNIVERSITY
ON SOME SELECTION AND HANKING PROCEDURES WITH APPLICATIONS
TO MULTIVARIATE POPULATIONS
DEPT OF STATISTICS DIVISION OF MATHEMATICAL SCIENCES
PURDUE UNIVERSITY OCTOBER 1965
OAR ACCESS NO.....207130-002
BY GUPTA S S
STODDEN W
INSTN...AF-33/657/11737
PROJECT.....7071

ARL 67-1305H
PURDUE UNIVERSITY
ON SELECTION AND HANKING PROCEDURES AND ORDER STATISTICS
FROM THE MULTINOMIAL DISTRIBUTION
DEPT OF STATISTICS DIVISION OF MATHEMATICAL SCIENCES
PURDUE UNIVERSITY JUNE 1966
OAR ACCESS NO.....207130-001
BY GUPTA S S
NAGEL K
INSTN...AF-33/657/11737
PROJECT.....7071

ARL 67-1306M
OHIO STATE UNIVERSITY
RECENT DEVELOPMENTS IN MOLECULAR SPECTROSCOPY
LECTURE GIVEN AT ARL DECEMBER 1967
OAR ACCESS NO.....209520-011
BY RAD K N
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-1307H
YALE UNIVERSITY
EXCITON PROPERTIES OF II-VI MATERIALS
LECTURE GIVEN AT ARL JUNE 1967
OAR ACCESS NO.....209520-012
BY SMITH M G
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-1308M
MITSUBISHI ELECTRIC CORPORATION
II-VI COMPOUNDS
LECTURE GIVEN AT ARL SEPTEMBER 1967
OAR ACCESS NO.....209520-013
BY SUMIYAMA T
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-1309M
UNIVERSITY OF KARLSRUHE
NON-LINEAR TRANSPORT PHENOMENA AND CONTACT PROBLEMS IN
II-VI COMPOUNDS
LECTURE GIVEN AT ARL APRIL 1967
OAR ACCESS NO.....209520-014
BY STOFERHANN F
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-1310M
UNIVERSITY OF MUNICH
IR WORK AND OTHER II-VI FIELDS OF WORK
LECTURE GIVEN AT ARL SEPTEMBER 1967
OAR ACCESS NO.....209520-015
BY RIEHL N W
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-1311M
STANFORD UNIVERSITY
PHOTOELECTRONIC PROPERTIES OF DEFECTS IN COSE
LECTURE GIVEN AT ARL APRIL 1967
OAR ACCESS NO.....209520-016
BY ROBINSON A L
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-1312M
CINCINNATI UNIV RESEARCH FOUNDATION
ELECTRON BEAM STIMULATED EMISSION OF II-VI COMPOUNDS
LECTURE GIVEN AT ARL APRIL 1967
OAR ACCESS NO.....209520-017
BY BESEMAN R
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-1313M
UNIVERSITY OF ROCHESTER
SOME OF THE LATEST DISCOVERIES IN II-VI LASERS AND THEIR
POTENTIAL APPLICATION IN SUCH AREAS AS LOW INTENSITY RADAR
LECTURE GIVEN AT ARL JUNE 1967
OAR ACCESS NO.....209520-018
BY DEXTER D
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-1314M
UNIVERSITY OF MUNICH
RECENT RESEARCH CONCERNING SOLID STATE PHENOMENA IN
INSULATING CRYSTALS PERFORMED AT HIS INSTITUTE
LECTURE GIVEN AT ARL SEPT 1967
OAR ACCESS NO.....209520-019
BY RIEHL N W
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-1315M
AFROSPACE RESEARCH LABORATORIES
EXCITONS IN II-VI MATERIALS
LECTURE AT OHIO STATE UNIVERSITY NOVEMBER 1967
OAR ACCESS NO.....210580-016
BY MEYNOLDS O C
INSTN...ARL-7885-00-04
PROJECT.....7885

ARL 67-1317L
AFROSPACE RESEARCH LABORATORIES
QUANTUM MECHANICS
COURSE TAUGHT AT AFIT WINTER AND SPRING - 1966-1967
OAR ACCESS NO.....210580-017
BY COLLINS T C
INSTN...ARL-7885-00-04
PROJECT.....7885

ARL 67-1318O
CLEVITE CORPORATION
DIFFUSION OF CU IN COS SINGLE CRYSTALS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING MARCH
1967 CHICAGO ILL
OAR ACCESS NO.....209520-002
BY SULLIVAN G A
INSTN...AF-33/615/02272
PROJECT.....7885

ARL 67-13190
CLEVITE COMPARATION
THE CADMIUM SULFIDE THIN FILM SOLAR CELL
PRESENTED AT THE OAR RESEARCH APPLICATIONS CONFERENCE
MARCH 1967
BY SHIRLAND F A
OAR ACCESS NO.....211000-002
INSTR...AF-33/615/05824
PROJECT.....7085

ARL 67-1320A
AFROSPACE RESEARCH LABORATORIES
ULTRAVIOLET REFLECTION STUDIES OF COS/COS2 SOLID SOLUTIONS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING MARCH
1967 CHICAGO
BY PRATHE C H
HENGEMOLD H L
OAR ACCESS NO.....210880-018
INSTR...AHL-7085-00-04
PROJECT.....7086

ARL 67-13214
NEW YORK UNIVERSITY
PRELIMINARY CALCULATIONS OF LOCAL MODES IN COS
PRESENTED AT THE INTERNATIONAL CONFERENCE ON II-VI
SEMICONDUCTING COMPOUNDS SEPT 1967 PUBLISHED IN
PROCEEDINGS NOV 1967
BY PFEUTY P
DIRMAN J L
MUSIMOVICI M A
BALKUNSKI M
OAR ACCESS NO.....209061-003
INSTR...AF-33/615/01746
PROJECT.....7085

ARL 67-13228
NEW YORK UNIVERSITY
THEORY OF LATTICE RAMAN EFFECT IN INSULATORS
PRESENTED AT THE AMERICAN PHYSICAL SOCIETY MEETING MARCH
1967 CHICAGO ILL
BY GANGULY A K
DIRMAN J L
OAR ACCESS NO.....209061-004
INSTR...AF-33/615/01746
PROJECT.....7085

ARL 67-1323K
AFROSPACE RESEARCH LABORATORIES
OPTICAL SYSTEMS FOR NIGHT TIME AIR-SEA RESCUE
TECHNICAL UNILFING AT MOS ARMS ORLANDO FLA JAN 67
BY KULP B A
OAR ACCESS NO.....211310-001
INSTR...AHL-7235-00-01
PROJECT.....7235

ARL 67-13241
KINGS COLLEGE
COLLISION CROSS-SECTIONS OF FORMIDONAL LINES OF THE
2500000000 AND 3500000000 CONFIGURATIONS
IAU MEETING, PRAGUE, 1967
BY SHATON M J
SHAPAM H
SPENNING J
HARTINS P
CIVZAR S J
OAR ACCESS NO.....208771-001
INSTR...AF-61/052/00877
PROJECT.....7114

ARL 67-1325A
AFROSPACE RESEARCH LABORATORIES
INITIAL RESULTS OF SIMULTANEOUS RADAR-OPTICAL SIGNATURE
MEASUREMENTS
2ND SYMPOSIUM ON GROUND IDENTIFICATION OF SATELLITES, MITRE
CORP, 2-8 OCT 67
BY HUMKE D H
VANFELDT R C
KISSELL R E
OAR ACCESS NO.....210480-000
INSTR...AHL-7114-00-03
PROJECT.....7114

ARL 67-1326A
AFROSPACE RESEARCH LABORATORIES
MEASUREMENT OF POLARIZED LIGHT FROM SPACE OBJECTS
2ND SYMPO ON GROUND IDENTIFICATION OF SATELLITES, MITRE CORP
2-8 OCT 67
BY STEAD W P
VANFELDT R C
KISSELL R E
OAR ACCESS NO.....210480-000
INSTR...AHL-7114-00-03
PROJECT.....7114

ARL 67-1327M
KINGS COLLEGE
EXACT EQUATIONS OF MOTION FOR EXTENDED BODIES
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
BY DIXON G
OAR ACCESS NO.....208771-002
INSTR...AF-61/052/00877
PROJECT.....7114

ARL 67-1328H
KINGS COLLEGE
SPACE-TIME SINGULARITIES AND THEIR LOCAL CHARACTERIZATION
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
BY QFHQCH R
OAR ACCESS NO.....208771-003
INSTR...AF-61/052/00877
PROJECT.....7114

ARL 67-1329H
KINGS COLLEGE
AN EXPLICIT DETERMINATION OF THE EMPTY SPACE-TIMES ON WHICH
THE WAVEEQUATION SATISFIES HUYGENS PRINCIPLES
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
BY MCLENAGHAN R G
OAR ACCESS NO.....208771-004
INSTR...AF-61/052/00877
PROJECT.....7114

ARL 67-1330M
KINGS COLLEGE
KINEMATIC GEOMETRY
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
BY SZERENES G
OAR ACCESS NO.....208771-005
INSTR...AF-61/052/00877
PROJECT.....7114

ARL 67-1331H
KINGS COLLEGE
POSSIBLE CONFORM INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND
INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY
PARTICLES
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
BY VICIER J P
OAR ACCESS NO.....208771-006
INSTR...AF-61/052/00877
PROJECT.....7114

ARL 67-1332H
KINGS COLLEGE
THE 1967 TEXAS SYMPOSIUM ON RELATIVISTIC ASTROPHYSICS
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
BY REEY M
SCIAWA O W
OAR ACCESS NO.....208771-007
INSTR...AF-61/052/00877
PROJECT.....7114

ARL 67-1333H
KINGS COLLEGE
GRAVITATIONAL BOUNCE
CAMBRIDGE/LONDON RELATIVITY SEMINAR, 1967
BY ISRAEL M
OAR ACCESS NO.....208771-008
INSTR...AF-61/052/00877
PROJECT.....7114

ARL 67-1334H
THE SYSTEMS INC
SPECTROGRAPHIC OBSERVATIONS OF A VERY HIGH PRESSURE
NITROGEN PLASMA
AT ARL IN ARZ CONFERENCE ROOM /21 DEC 67/
BY GOLOSTOIN R
MASTRUP F N
OAR ACCESS NO.....210960-001
INSTR...AF-73/615/05363
PROJECT.....7063

ARL 67-1335C
AFROSPACE RESEARCH LABORATORIES
FLOW AND HEAT TRANSFER PHENOMENA OF PLASMA ANCS
MAGNETICALLY BALANCED IN A CROSS FLOW
OAR RESEARCH REVIEW/ VOL. VI, NO. 9, PP. 1-5, /SEPTEMBER
1967/
BY NORMAN B C
OAR ACCESS NO.....211380-006
INSTR...AHL-7063-00-15
PROJECT.....7063

ARL 67-1336A
AFROSPACE RESEARCH LABORATORIES
CONDENSATION IN HYPERSONIC WIND TUNNELS
PAPER PRESENTED AT SYMPOSIUM ON NUCLEATION IN GAS DYNAMICS
7-10 DEC 67 AT U.S. NAVAL ACADEMY, ANNAPOLIS, MD.
BY DAUM F L
OAR ACCESS NO.....210160-008
INSTR...AHL-7063-00-14
PROJECT.....7065

ARL 67-1337A
AFROSPACE RESEARCH LABORATORIES
THERMOLUMINESCENCE IN YTTRIA
PRESENTATION AT AMERICAN PHYSICAL SOCIETY, ANNUAL MEETING,
NEW YORK, N. Y.
BY LAND P L
MUDINE E F
CHAMPFORD J A
OAR ACCESS NO.....210890-001
INSTR...AHL-7021-00-12
PROJECT.....7021

ARL 67-1336A
AEROSPACE RESEARCH LABORATORIES
THE ZIRCONIA-SCANDIA SYSTEM
PRESENTATION AT 69TH ANNUAL MEETING, THE AMERICAN CERAMIC
SOCIETY, NEW YORK, N. Y.
OAR ACCESS NO.....210010-002
BY R. H. R.
DOMARALA M F
GARRETT M J
INSTR...ARL-7021-00-10
PROJECT.....7021

ARL 67-1336B
UNIVERSITY OF DAYTON
ELECTRON RADIATION DAMAGE IN CADMIUM TELLURIDE CRYSTALS
PROCEEDINGS ON THE SYMPOSIUM ON RADIATION EFFECTS IN
SEMICONDUCTOR COMPONENTS, TOULOUSE, FRANCE, MARCH 7-10,
1967
OAR ACCESS NO.....209971-002
BY SCHULZ M J
KULP B A
INSTR...AP-33/615/01257
PROJECT.....7085

ARL 67-1340A
AEROSPACE RESEARCH LABORATORIES
DETECT STRUCTURE OF A-MOSUBSTRATES
PRESENTATION AT FALL MTG. ELECTRONICS DIV., AM. CER. SOC.,
KIAWESHA LAKE, N. Y.
OAR ACCESS NO.....209990-010
BY WIMMER J M
TRIPP M C
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 67-1341A
AEROSPACE RESEARCH LABORATORIES
CLASSES OF SILICON SUNDIORS
PRESENTED AT INTERNATIONAL SYMPOSIUM ON DECOMPOSITION OF
ORGANOMETALLIC COMPOUNDS TO REFRACTORY CERAMICS, METALS AND
METAL ALLOYS, HELD AT SHEWATON-DAYTON HOTEL, 28-30 NOV 67.
OAR ACCESS NO.....209720-023
BY SPALTER L
INSTR...ARL-7023-00-04
PROJECT.....7023

ARL 67-1342A
AEROSPACE RESEARCH LABORATORIES
THE VOLATILE DAME EARTH CHELATES OF HEPTAFLUOROCTANEDIONE
PRESENTED AT THE INTERNATIONAL SYMPOSIUM ON THE
DECOMPOSITION OF ORGANOMETALLIC COMPOUNDS TO REFRACTORY
CERAMICS, METALS, AND METAL ALLOYS, DAYTON, OHIO, NOV 67.
OAR ACCESS NO.....209700-038
BY SPRINGER C S JR
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 67-1343A
AEROSPACE RESEARCH LABORATORIES
THERMOLUMINESCENCE AND OTHER PHOTOELECTRONIC PROCESSES
PRESENTATION, COMMISSION ON COLLEGE PHYSICS, LANSING, MICH
OAR ACCESS NO.....210890-002
BY LAND P L
INSTR...ARL-7021-00-12
PROJECT.....7021

ARL 67-1344C
AEROSPACE RESEARCH LABORATORIES
ELECTROSTATIC CHARGING OF FLUID STREAMS
OAR RESEARCH REVIEW VOL. VI, NO. 7, PP. 7-8, /JULY 1967/
OAR ACCESS NO.....211380-007
BY STEPHENS F O
INSTR...ARL-7063-00-15
PROJECT.....7063

ARL 67-1345C
AEROSPACE RESEARCH LABORATORIES
APPLICATION OF HIGH-SPEED HOLOGRAPHIC PHOTOGRAPHY
OAR RESEARCH REVIEW VOL. VI, NO. 8, PP. 25-26, /AUGUST 1967/
OAR ACCESS NO.....211380-008
BY STEPHENS F O
INSTR...ARL-7063-00-15
PROJECT.....7063

ARL 67-1346C
AEROSPACE RESEARCH LABORATORIES
FILAMENTS IN ELECTRICAL CURRENT FIELDS
OAR RESEARCH REVIEW VOL. VI NO. 1 PP. 13-16, /JANUARY 1967/
OAR ACCESS NO.....211280-001
BY CRAWER K R
INSTR...ARL-7061-00-16
PROJECT.....7063

ARL 68-0001V
AEROSPACE RESEARCH LABORATORIES
A STUDY OF X-RAY FLUORESCENCE METHOD WITH VACUUM AND AIR-
PATH SPECTROGRAPHS FOR THE DETERMINATION OF FILM
THICKNESSES OF II-VI COMPOUNDS
ADVANCES IN X-RAY ANALYSIS, VOL. 11, P. 191-203, PLENUM
PRESS, NEW YORK 1968
OAR ACCESS NO.....209720-060
BY CHAN F L
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-0002U
NEW YORK UNIVERSITY
BOUNDARY LAYER CHARACTERISTICS FOR HYPERSONIC FLOW WITH AND
WITHOUT MASS ADDITION, FINAL REPORT JAN 1968
OAR ACCESS NO.....209300-014
DOC NUMBER.....AD668460
INSTR...AF-33/615 02215
PROJECT.....7064

ARL 68-0003T
AEROSPACE RESEARCH LABORATORIES
A USERS MANUAL FOR A COMPUTER PROGRAM TO REDUCE
SPECTROGRAPHIC DATA FROM A ROTATIONALLY SYMMETRIC PLASMA,
FINAL REPORT JAN 68
OAR ACCESS NO.....210360-004
BY OSS J P
INSTR...ARL-7073-00-01
PROJECT.....7073

ARL 68-0004U
OHIO STATE UNIV RESEARCH FOUNDATION
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS
WITH PHASE CHANGE COATINGS FINAL REPORT JAN 1968
OAR ACCESS NO.....207350-009
DOC NUMBER.....AD669083
INSTR...AF-33/657/11060
PROJECT.....7065

ARL 68-0005U
OHIO STATE UNIV RESEARCH FOUNDATION
LOW PRESSURE MEASUREMENTS IN A HYPERSONIC WIND TUNNEL
OAR ACCESS NO.....207350-010
DOC NUMBER.....AD669083
INSTR...AF-33/657/11060
PROJECT.....7065

ARL 68-0006V
AEROSPACE RESEARCH LABORATORIES
RADIATION CHEMISTRY OF PROPANE
REPRINTED FROM THE CHEMISTRY OF IONIZATION AND EXCITATION,
PP. 223-235 /1967/
OAR ACCESS NO.....209730-006
BY BONE L I
STECK L W
FUTRELL J H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0007T
AEROSPACE RESEARCH LABORATORIES
CONVERGENCE STUDY OF A SELF-CONSISTENT ORTHOGONALIZED-
PLANE-WAVE BAND CALCULATION FOR HEXAGONAL CDS FINAL REPORT
JAN 1968
OAR ACCESS NO.....210580-019
DOC NUMBER.....AD667022
INSTR...ARL-7065-00-04
PROJECT.....7065

ARL 68-0008V
AEROSPACE RESEARCH LABORATORIES
MASS SPECTROMETRIC INVESTIGATION OF ION-MOLECULE REACTIONS
IN CYCLOHEXANE
REPRINTED FROM J. OF PHYSICAL CHEMISTRY, 71, 3791 /1967/
OAR ACCESS NO.....239730-057
DOC NUMBER.....AD667023
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0009V
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION OF EXCITED STATES OF P SUPPER J /
WITH THE SI SUPPER 30/P. /P SUPPER 31 REACTION
PUBLISHED IN PHYSICAL REVIEW, VOL. 162, NO. 4, 20 OCT 67,
PP 1027-1035
OAR ACCESS NO.....210420-030
BY WILLIAMS M
HARRIS G I
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-0010V
AEROSPACE RESEARCH LABORATORIES
VELOCITY OF MOVING STRIATIONS
PHYSICS OF FLUIDS VOL. 10, NO. 9, SEPTEMBER 1967
OAR ACCESS NO.....210380-009
DOC NUMBER.....AD666891
INSTR...ARL-7073-00-03
PROJECT.....7073

ARL 68-0011V
AEROSPACE RESEARCH LABORATORIES
WALL TEMPERATURE EFFECT ON INCIDENT SEPARATION FINAL
REPORT JAN 1967
AIAA JOURNAL, VOL. 5, NO. 1P, DECEMBER 1967, PP 2883-2884
BY HALL D W
DAR ACCESS NO.....209900-012
DOC NUMBER.....A0667081
INSTR.....ARL-7006-00-06
PROJECT.....7084

ARL 68-0012V
AEROSPACE RESEARCH LABORATORIES
SECOND O SUPER PLUS T EQUALS I LEVEL IN SUPPER 30 P
PUBLISHED IN PHYSICS LETTERS, PIUGG67 VOLUME 280, NUMBER 3,
210-211
BY HARRIS G I
HYDER A K JR
DAR ACCESS NO.....210420-029
DOC NUMBER.....A0667082
INSTR.....ARL-7112-00-01
PROJECT.....7112

ARL 68-0013V
CHEMISTRY RESEARCH LABORATORY
REMARKS ON THE ADJUSTMENT OF ENERGY-COMPENSATED
SPECTROFLUORIMETERS
REPRINTED FROM HFV, SCI. INSTR. JR. 1793 713677
BY RESEY J G
SCHELLER K
DAR ACCESS NO.....209650-008
DOC NUMBER.....A0667094
INSTR.....ARL-7023-00-02
PROJECT.....7023

ARL 68-0014U
TECHNIUM RESEARCH AND DEVELOPMENT FOUNDATION
LAMINAR HEAT TRANSFER TO A TWO DIMENSIONAL BLUNT FLAT NOSE
BODY IN TRANSONIC AND SUPERSONIC FLOW
TAE REPORT NO. 75, SEPTEMBER 1967
BY ROM J
SEGINER A
DAR ACCESS NO.....207061-002
INSTR.....F61052-67-C-0033
PROJECT.....7063

ARL 68-0015U
TECHNIUM RESEARCH AND DEVELOPMENT FOUNDATION
LAMINAR AND TRANSITIONAL HEAT TRANSFER IN THE TWO
DIMENSIONAL SEPARATED FLOW BEHIND A SHARP PROTRUDING
LEADING EDGE
TAE REPORT NO. 71 JUL 1967
BY ROM J
SEGINER A
DAR ACCESS NO.....207061-003
DOC NUMBER.....A0662357
INSTR.....F61052-67-C-0033
PROJECT.....7063

ARL 68-0016U
UNIVERSITE DE PARIS
PHOTON-NUCLEON INTERACTION IN THIN FILMS
BY BALKANSKI M
LE TOULLEC R
DAR ACCESS NO.....209092-003
INSTR.....AF-ENAR-0010-68
PROJECT.....7063

ARL 68-0017U
BROWN UNIVERSITY
THEORY OF A THERMAL FLUXMETER IN A SHEAR FLOW
J. APPLIED MECH, 401, 1967
BY TANNER A I
DAR ACCESS NO.....207552-003
DOC NUMBER.....A0664905
INSTR.....F33015-67-C-1754
PROJECT.....7063

ARL 68-0018U
UNIVERSITY OF TORONTO
PERFORMANCE ANALYSIS OF UTIAS IMPULSION-DRIVEN
HYPERVELOCITY LAUNCHER
BY SEVATY P A L
DAR ACCESS NO.....210970-001
DOC NUMBER.....A0665110
INSTR.....AF-337615/25313
PROJECT.....7063

ARL 68-0019U
OHIO STATE UNIV RESEARCH FOUNDATION
AN ANALYTICAL STUDY OF A FLUID CYLINDER ARC MODEL BALANCED
BY CROSSED MAGNETIC AND FLOW FIELDS FINAL REPORT JAN 1968
BY KIMURA J H
HAMIL S
DAR ACCESS NO.....204611-001
DOC NUMBER.....A0660354
INSTR.....F33015-67-C-1176
PROJECT.....7063

ARL 68-0020U
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
WOTON PERFORMANCE OF THE 432-11 BLUNT TRAILING EDGE HEAD
SUPERSONIC COMPRESSION
IN 20 APRIL 1967
BY HEUGELMANS P
DAR ACCESS NO.....204382-004
DOC NUMBER.....A0660047
INSTR.....AF-ENAR-00065-65
PROJECT.....7063

ARL 68-0021U
OHIO UNIVERSITY
A STUDY OF ELECTRON RADIATION DAMAGE IN GASES, SAP AND GASES
SUMI SUB NINE SUB IF SUBA BASED ON ACCUMINATION RADIATION
JANUARY 1968
BY PROPOSITO M H
DAR ACCESS NO.....200031-001
DOC NUMBER.....A0660557
INSTR.....AF-337615/02310
PROJECT.....7063

ARL 68-0022U
OHIO UNIVERSITY
ENHANCEMENT OF HEAT AND MASS TRANSFER IN A STAGNATION
REGION BY FREE STREAM VORTICITY
BY WILLIAMS G
DAR ACCESS NO.....207956-000
DOC NUMBER.....A0660310
INSTR.....F33015-67-C-1153
PROJECT.....7063

ARL 68-0023U
UNIVERSITY OF MINNESOTA
EXPERIMENTAL STUDY OF A TRANSMISSION-COOLED, COINTEGRATED
ARC
FEBRUARY 1968
BY GRUDER G G
PFFNOER F
PCKENT F M L
DAR ACCESS NO.....207041-001
DOC NUMBER.....A0660310
INSTR.....F33015-67-C-1153
PROJECT.....7063

ARL 68-00287
AEROSPACE RESEARCH LABORATORIES
MICROSCOPIC PARTICLE SEPARATION AND APPLICATIONS FINAL
REPORT FEB 1968
BY POPPLAWSKI H
MILLER M A
DAR ACCESS NO.....210000-000
DOC NUMBER.....A0660797
INSTR.....ARL-7114-00-03
PROJECT.....7114

ARL 68-0029U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
AN ELECTRIC ARC FLOW STATEMENTARY BY A MAGNETIC FIELD IN A
UNIFORM FLOW THEORY FOR LOW REYNOLDS NUMBER FLOW
BY WODNETT P F
DAR ACCESS NO.....211270-002
DOC NUMBER.....A0660988
INSTR.....F33015-67-C-11758
PROJECT.....7063

ARL 68-00267
AEROSPACE RESEARCH LABORATORIES
TABLE OF WARTREE-PICK SELF CONSISTENT FIELD WAVE FUNCTIONS
WITH EXCHANGE SUPPLEMENT IV FINAL REPORT FEB 1968
BY KNUEGER F K
MCDAVID R L
CETZER S J
DAR ACCESS NO.....210000-013
DOC NUMBER.....A0660935
INSTR.....ARL-7114-00-03
PROJECT.....7114

ARL 68-00277
AEROSPACE RESEARCH LABORATORIES
EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF THE EXPANSION
FLOW FIELD OF A JET WING AT HYPERSONIC SPEEDS FINAL
REPORT FEB 1968
BY CHODAS E J JR
DAR ACCESS NO.....209910-008
DOC NUMBER.....A0660409
INSTR.....ARL-7004-00-07
PROJECT.....7064

ARL 68-00287
AEROSPACE RESEARCH LABORATORIES
AERODYNAMICS OF THE HYPERSONIC SLIPPER HEADLINE
BY KONGE M H
WIGGS W A
DAR ACCESS NO.....209910-013
DOC NUMBER.....A0660410
INSTR.....ARL-7004-00-08
PROJECT.....7064

ARL 68-0029U
NEW YORK UNIVERSITY
INTERACTION OF A CHEMICALLY REACTING LAMINAR BOUNDARY LAYER
AND AN ADJACENT SURFACE HEAT CONDUCTION
BY CHODS J
PALLONE A
DAR ACCESS NO.....209910-014
DOC NUMBER.....A0660410
INSTR.....ARL-7004-00-07
PROJECT.....7064

ARL 68-00307
AEROSPACE RESEARCH LABORATORIES
A NOTE ON THE VARIATION OF THE WALL HEAT FLUX DUE TO A
FLAT PLATE AS A FUNCTION OF THE ANGLE OF ATTACK FINAL
REPORT FEB 1968
BY GALL A D B
DAR ACCESS NO.....209910-015
DOC NUMBER.....A0660410
INSTR.....ARL-7004-00-07
PROJECT.....7064

ARL 68-00310
CORNELL AERONAUTICAL LABORATORY INC
A TUNNELING TUNNEL FOR HIGH SPEED IN NUMBER SUPERSONIC
TESTING
AD-2207-A-1 FEB 1964
BY FALK J J
DAM ACCESS NO.....207201-000
DOC NUMBER.....AD669253
INST.....AF-33/615-00280
PROJECT.....7005

ARL 68-00311
AEROSPACE RESEARCH LABORATORIES
PRESSURE DISTRIBUTION ON A CONE-CYLINDER-WING BODY AT MACH
14 IN THE PRESENCE OF PLAIN SEPARATION FLOW REENTRY FEB 1968
BY FRISBERG E A
DAM ACCESS NO.....21723-071
DOC NUMBER.....AD669328
INST.....AF-33/615-00280
PROJECT.....7004

ARL 68-00312
UNIVERSITY OF ILLINOIS
DYNAMICS OF OPTICAL BEATING IN A HE-NE LASER
BY MILLER P S
CHANDRASEKHAR B
VANDERLIN J J
DAM ACCESS NO.....210700-003
DOC NUMBER.....AD669086
INST.....AF-33/615-00280
PROJECT.....7071

ARL 68-00313
CHEMISTRY RESEARCH LABORATORY
PHYSICO-CHEMICAL MEASUREMENTS OF METAL CHARGES BY GAS-LIQUID
PARTITION CHROMATOGRAPHY
JOURNAL OF GAS CHROMATOGRAPHY, VOL. 3, PP. 64-66 FEBRUARY
1964
BY GERE J H
MOSHER M W
DAM ACCESS NO.....210700-004
INST.....AF-33/615-00280
PROJECT.....7072

ARL 68-00314
NEW YORK UNIVERSITY
A NOTE ON THE MIXING OF TWO PARALLEL SUBSONIC STREAMS
JOURNAL OF MATHEMATICS AND PHYSICS, VOL. 1, NO. 3, SEP
1967
BY TING L
MUSTE C J
DAM ACCESS NO.....210300-017
INST.....AF-33/615-00280
PROJECT.....7068

ARL 68-00315
GENERAL PHYSICS RESEARCH LABORATORY
ISOBARIC ANALYSIS STATES IN CIRCUMFERENCE
THE PHYSICAL REVIEW, VOL. 166, NO. 4, 1969-1967, 20 DEC 67
BY BATSON D D
MONTANA PAUL J
LIP P D
DAM ACCESS NO.....210430-610
INST.....AF-33/615-00280
PROJECT.....7112

ARL 68-00316
AEROSPACE RESEARCH LABORATORIES
ONE-DIMENSIONAL STATISTICAL ESTIMATORS OF SHAPE
PARAMETERS OF BELL AND BELL DISTRIBUTIONS AND SCALE
PARAMETERS OF THE ASYMPTOTIC DISTRIBUTIONS OF SMALL-EST
PRINTED FROM THE TRANSACTIONS ON RELIABILITY, NOV. 1965,
NO. 2, PP. 100-104 DEC 1967
BY ROUSE A H
HARTER H L
DAM ACCESS NO.....210200-722
INST.....AF-33/615-00280
PROJECT.....7071

ARL 68-00317
AEROSPACE RESEARCH LABORATORY
A GENERALIZED GAUSSIAN-MAXWELL TREATMENT OF TRANSIENT
VAPORIZATION THROUGH A PENETRATION REGION
IN A LIQUID MASS TRANSFER, VOL. 10, NO. 1, 1967
BY DUTCH A E
DAM ACCESS NO.....210710-011
INST.....AF-33/615-00280
PROJECT.....7064

ARL 68-00318
AEROSPACE RESEARCH LABORATORIES
ON A CONFINED BUTT-WELDMENT BEHAVIOR FOR THE LAMINAR
BOUNDARY LAYER EQUATIONS
THE AERONAUTICAL QUARTERLY, VOL. 18, NO. 1, NOVEMBER 1967
BY DUTCH A E
DAM ACCESS NO.....210710-012
DOC NUMBER.....AD669341
INST.....AF-33/615-00280
PROJECT.....7064

ARL 68-00319
AEROSPACE RESEARCH LABORATORY
POLYMERIZATION OF ACRYL
ADDITIONED FROM THE JOURNAL
158-174 FEB 1967
BY DUTCH A E
DAM ACCESS NO.....210710-013
DOC NUMBER.....AD669342
INST.....AF-33/615-00280
PROJECT.....7064

ARL 68-00320
AEROSPACE RESEARCH LABORATORIES INC
LET'S STUDY OF THE GROWTH OF ALUMINUM FILMS ON TITANIUM
SURFACE
APPLIED FROM JOURNAL OF APPLIED PHYSICS, VOL. 39, NO. 12,
PP. 4990-5000, DECEMBER 1967
BY JACKSON A G
MOORE H P
MAAS T W
DAM ACCESS NO.....207201-002
INST.....AF-33/615-00280
PROJECT.....7023

ARL 68-00321
NEW YORK UNIVERSITY
MATHEMATICAL SOLUTIONS AND ASYMPTOTIC SOLUTIONS IN BOUNDARY
LAYER THEORY
PRINTED FROM THE JOURNAL OF ENGINEERING MATHEMATICS, VOL.
1, NO. 6, PP. 327-360, 1967
BY TING L
CHEN S
DAM ACCESS NO.....210300-018
INST.....AF-33/615-00280
PROJECT.....7064

ARL 68-00322
AEROSPACE RESEARCH LABORATORIES
THE THERMALIZATION OF METALS DURING THE OXIDATION OF
ZINC
PRINTED FROM TRANSACTIONS OF THE METALLURGICAL SOCIETY OF
AMERICA, VOL. 230, SEPTEMBER 1967
BY ROBINSON J A
MAAS T W
DAM ACCESS NO.....211000-001
INST.....AF-33/615-00280
PROJECT.....7021

ARL 68-00323
AEROSPACE RESEARCH LABORATORIES
ISOTHERMALIZATION AND THERMALIZATION STATES IN OOD-A MOLD FROM
SUPERFICIAL TOSUPPER ALCA
PHYSICAL LECTURES, IN 1967, VOL. 258, NUMBER 7, PP. 472-474
BY BATSON D D
LIP P D
DAM ACCESS NO.....211200-001
INST.....AF-33/615-00280
PROJECT.....7112

ARL 68-00324
AEROSPACE RESEARCH LABORATORIES
THE SYSTEM THERMALIZATION
PRINTED FROM THE JOURNAL OF THE AMERICAN CERAMIC SOCIETY,
VOL. 51, NO. 1, JANUARY 1968
BY QUIN H
GREGORY H J
GONZALEZ R J
TALIAN M W
DAM ACCESS NO.....211600-001
INST.....AF-33/615-00280
PROJECT.....7021

ARL 68-00325
TECHNICAL RESEARCH AND DEVELOPMENT FOUNDATION
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER
RATE IN LAMINAR SUPERFICIAL SEPARATION FLOWS
THE REPORT NO. 78 DEC 1967
BY LINER A
M J
DAM ACCESS NO.....207801-004
DOC NUMBER.....AD667200
INST.....AF-33/615-00280
PROJECT.....7063

ARL 68-00326
NEW YORK UNIVERSITY
NATURAL CONVECTION FROM A HORIZONTAL CYLINDER IN THE
PRESENCE OF A BOUNDARY LAYER GIVING LARGE SIMILARITY REYNOLDS
NUMBERS
JULY 1967
BY DENNIS G
RICHARDSON H D
DAM ACCESS NO.....207152-005
DOC NUMBER.....AD667197
INST.....AF-33/615-00280
PROJECT.....7063

ARL 68-00327
AEROSPACE RESEARCH LABORATORIES
ELECTRO-OPTICAL SYSTEMS IN
A STUDY OF INTERACTIONS BETWEEN ELECTRIC FIELDS AND GAS FLOWS
A FINAL REPORT APRIL 1967
BY MARSHALL C L
CANN G L
HARDY H L
DAM ACCESS NO.....207801-001
DOC NUMBER.....AD667308
INST.....AF-33/615-00280
PROJECT.....7063

ARL 68-00328
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL PROPERTIES ASSOCIATED WITH COMBINATION LOCKS
FINAL REPORT MARCH 1967
BY LIP P D
DAM ACCESS NO.....210710-010
INST.....AF-33/615-00280
PROJECT.....7071

ARL 68-0051V
AEROSPACE RESEARCH LABORATORIES
COLUMBIC TITRATION OF MURZITE
JOURNAL OF PHYSICAL CHEMISTRY, VOL. 72, NO. 2, P. 485-488,
FEBRUARY 1968.
BY HIZZO F E
SMITH J V
OAR ACCESS NO.....209920-004
DOC NUMBER.....AD672856
INSTR...ARL-7021-00-01
PROJECT.....7021

ARL 68-0052V
AEROSPACE RESEARCH LABORATORIES
STATISTICAL DEPENDENCE BETWEEN RANDOM EFFECTS AND THE
NUMBERS OF OBSERVATIONS ON THE EFFECTS FOR THE UNBALANCED
ONE-WAY RANDOM CLASSIFICATION
JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION, VOL. 62,
PP. 1375-1386, DEC 1967
BY HANVILLE A
OAR ACCESS NO.....210272-008
DOC NUMBER.....AD672860
INSTR...ARL-7021-00-10
PROJECT.....7021

ARL 68-0053V
AEROSPACE RESEARCH LABORATORIES
REACTION OF ETHYL WITH ISOBUTYL AND T-BUTYL FREE RADICALS
CANADIAN JOURNAL OF CHEMISTRY, VOL. 46, PP. 664-665, 1968.
BY TERRY J D
FUTRELL J M
OAR ACCESS NO.....209730-002
DOC NUMBER.....AD672855
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0054V
AEROSPACE RESEARCH LABORATORIES
AN INVESTIGATION OF THE EFFECT OF SUCTION ON HYPERSONIC
LAMINAR BOUNDARY-LAYER SEPARATION
AIAA JOURNAL, VOL. 6, NO. 2, FEBRUARY 1968.
BY HALL K O W
KONKREI R H
OAR ACCESS NO.....209900-014
DOC NUMBER.....AD672239
INSTR...ARL-7064-00-06
PROJECT.....7064

ARL 68-0055V
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
RADIATION FROM HIGH-PRESSURE PLASMAS
JOURNAL OF APPLIED PHYSICS, VOL. 39, NO. 1, PP. 14H-15, /
JANUARY 1968.
BY BAUDER U H
OAR ACCESS NO.....207571-007
DOC NUMBER.....AD672461
INSTR...AF-33/615/31415
PROJECT.....7063

ARL 68-0056V
AEROSPACE RESEARCH LABORATORIES
DIFFUSION OF DISSOLVED GASES IN POLYMER CONDENSATION
POLYMERS
REPRINTED FROM J. OF APPLIED POLYMER SCIENCE, VOL. 11, 2587
/1967
BY MORRISON M E
OAR ACCESS NO.....211150-009
DOC NUMBER.....AD669329
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-0057V
METALLURGY AND CERAMICS RESEARCH LABORATORY
THERMODYNAMICS OF THE TUNGSTEN-OXYGEN SYSTEM
TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME, VOL. 234
BY HIZZO F E
HIDWELL L H
EVANS D F
OAR ACCESS NO.....211250-001
DOC NUMBER.....AD672462
INSTR...ARL-7021-00-32
PROJECT.....7021

ARL 68-0058V
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS OF PROPANE IONS WITH BENZENE, 1,3-
MUTADINE, HYDROGEN SULFIDE, AND NITRIC OXIDE
REPRINTED FROM THE JOURNAL OF CHEMICAL PHYSICS, VOL. 47,
NO. 11, 2320-2322, 1 DECEMBER 1967.
BY BUN L I
FUTRELL J M
OAR ACCESS NO.....209730-003
DOC NUMBER.....AD672463
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0059V
AEROSPACE RESEARCH LABORATORIES
SPLITTING OF FRICTION LINES IN SUBSTITUTED-ETHYLENE CRYSTALS
BY UNIAXIAL STRESS
PUBLISHED PHYSICAL REVIEW LETTERS, VOL. 20, NO. 2, 8 JAN 68
BY KODA T
LANGEN J W
OAR ACCESS NO.....210540-015
DOC NUMBER.....AD672467
INSTR...ARL-7445-00-01
PROJECT.....7445

ARL 68-0060V
UNIVERSITY OF BARCELONA
IONIC CARBON FREE RADICALS
REPRINT FROM PURE AND APPLIED CHEMISTRY, VOL. 15, 1967, PP.
123-151 /BUTTERWORTHS, LONDON.
BY HALLESTER M
OAR ACCESS NO.....208171-009
DOC NUMBER.....AD672464
INSTR...AF-61/052/00749
PROJECT.....7023

ARL 68-0061V
DR. SHIM-I PAI
RESEARCH ON FLUID DYNAMICS IN JAPAN
BY SHIM-I PAI
OAR ACCESS NO.....210850-102
INSTR...AF-33/615/03068
PROJECT.....7063

ARL 68-0062V
DR. SHIM-I PAI
CRITICAL SURVEY OF MAGNETO-FLUID-DYNAMICS PART I - RESEARCH
IN INDIA PART II - RESEARCH IN AUSTRIA AND GERMANY
BY SHIM-I PAI
OAR ACCESS NO.....210850-003
DOC NUMBER.....AD674613
INSTR...AF-33/615/03068
PROJECT.....7063

ARL 68-0063V
AEROSPACE RESEARCH LABORATORIES
APPROXIMATE SOLUTION OF THE LAMINAR BOUNDARY-LAYER
EQUATIONS WITH MASS TRANSFER
AIAA JOURNAL, VOL. 6, NO. 2, FEBRUARY 1968.
BY BETHEL M E
OAR ACCESS NO.....209910-021
DOC NUMBER.....AD674875
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 68-0064V
AEROSPACE RESEARCH LABORATORIES
A GENERAL COMPUTER PROGRAM FOR EVALUATION OF TEMPERATURE
PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING
SOLIDIFICATION, FINAL REPORT SEP 1968
BY MORRISON M E
OAR ACCESS NO.....211150-025
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-0065V
HARVARD UNIVERSITY
RESEARCH ON DEFECT CONTROLLED ELECTRICAL PROPERTIES OF
NITRILE, FINAL REPORT APRIL 1968
BY HIRTHE W M
RUMENHALL R N
OAR ACCESS NO.....208270-011
DOC NUMBER.....AD672281
INSTR...AF-33/615/01244
PROJECT.....7021

ARL 68-0066V
MONSANTO RESEARCH CORPORATION
INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY
SUBSTRATES
BY ROSS W D
OAR ACCESS NO.....207921-004
DOC NUMBER.....AD672980
INSTR...AF-33/615/01176
PROJECT.....7023

ARL 68-0067V
GENERAL ELECTRIC COMPANY
ELECTRIC ARCS IN TURBULENT FLOWS. III
BY FRIND G
DAWSKY H L
OAR ACCESS NO.....211050-001
DOC NUMBER.....AD674614
INSTR...AF-33/615-67-C-1376
PROJECT.....7063

ARL 68-0068V
RESULTS ON STATISTICAL ESTIMATION AND HYPOTHESIS TESTING
WITH APPLICATION TO THE WEIGHT AND EXTREME-VALUE
DISTRIBUTIONS
BY MANN H
OAR ACCESS NO.....209560-005
DOC NUMBER.....AD672979
INSTR...AF-33/615/02818
PROJECT.....7071

ARL 68-0069V
AEROSPACE RESEARCH LABORATORIES
SURVEY OF EFFECT OF SURFACE PROPERTIES ON ANODE PASSION
FINAL REPORT APRIL 1968
BY WASON N S
OAR ACCESS NO.....211390-001
INSTR...ARL-7073-00-07
PROJECT.....7073

ARL 68-0076T
AEROSPACE RESEARCH LABORATORIES
COMPUTATION OF AXIAL-SYMMETRIC TRANSONIC SWIRL FLOWS BY THE
UNSTEADY FLOW APPROACH
BY APATITAGE J V
OAR ACCESS NO.....211320-010
DDC NUMBER.....A0672282
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-0071U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
A LINEARIZED ANALYSIS OF MASS-TRANSFER EFFECTS IN CONFINED
LAMINAR VORTEX FLOWS
BY HUNGGRIFT O M
OAR ACCESS NO.....208840-001
DDC NUMBER.....A0674612
INSTR...AF-33/615/01003
PROJECT.....7115

ARL 68-0077U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
AN EXPERIMENTAL STUDY OF THE FLOW IN A LOW-PRESSURE SWIRL
CHAMBER
BY LEE J D
OAR ACCESS NO.....208840-002
INSTR...AF-33/615/01003
PROJECT.....7116

ARL 68-0073T
AEROSPACE RESEARCH LABORATORIES
BASIC PARAMETERS FOR FILMS AND IMAGE INTENSIFIER-FILM
COMBINATIONS AND PERFORMANCE COMPARISON FINAL REPORT MARCH
1968
BY GEBEL R K M
DUKE G L
NESTWERDT H R
OAR ACCESS NO.....210570-017
INSTR...ARL-7085-00-03
PROJECT.....7493

ARL 68-0074T
TECHNISCHE HOCHSCHULE AACHEN
INTERACTIONS OF AN ELECTRIC ARC PLASMA WITH TRANSVERSE
MAGNETIC FIELDS AND GAS FLOWS. FINAL REPORT APR 1968
BY FUECKS W
BARTELS K
FISCHER E
UMLENBUSCH J
OAR ACCESS NO.....207870-003
INSTR...AF-61/052/00905
PROJECT.....7063

ARL 68-0075T
AEROSPACE RESEARCH LABORATORIES
AN ALTERNATE DERIVATION OF SOME EQUATIONS OCCURRING IN A
PAPER BY KRAICHNAN. FINAL REPORT APRIL 1968
BY GUDERLEY K G
OAR ACCESS NO.....211330-008
DDC NUMBER.....A0674595
INSTR...ARL-7071-00-21
PROJECT.....7071

ARL 68-0076U
SYSTEM DEVELOPMENT CORPORATION
A NEW METHOD OF ESTIMATING THE WITHULL SHAPE PARAMETER
FM-0003A, APRIL 1968
BY MURPHY V K
OAR ACCESS NO.....211400-001
INSTR...F33615-67-C-1805
PROJECT.....7071

ARL 68-0077V
AEROSPACE RESEARCH LABORATORIES
CONDENSATION OF AIR AND NITROGEN IN HYPERSONIC WIND TUNNELS
AIAA JOURNAL, VOL. 6 NO. 3 MAR 68 PP. 454 TO 465
BY DAUM F L
GYARMATHY G
OAR ACCESS NO.....210160-011
DDC NUMBER.....A0674797
INSTR...ARL-7065-00-18
PROJECT.....7065

ARL 68-0078U
AVCO MISSILES
INVESTIGATION OF ACCELERATION MECHANISMS IN WFO
ACCELERATIONS
AVSSD-0044-68-CM, APRIL 1968
BY MALLIARIS A C
OAR ACCESS NO.....209701-001
DDC NUMBER.....A0674615
INSTR...F33615-67-C-1709
PROJECT.....7063

ARL 68-0080V
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION OF FLOW SEPARATION OVER A PLAIN-AND-FACING
STEP IN A HYPERSONIC STREAM
AIAA JOURNAL, VOL. 6, NO. 5, MAY 1968
BY SHANG J S
KIRKCELI R H
OAR ACCESS NO.....209913-014
DDC NUMBER.....A0674602
INSTR...ARL-7068-10-07
PROJECT.....7068

ARL 68-0081V
AEROSPACE RESEARCH LABORATORIES
ON THE REACTION OF OSUB2PLUS WITH CYCLOHEXANE
REPRINTED FROM THE JOURNAL OF PHYSICAL CHEMISTRY 72, 1071
/1968
BY FUTRELL J M
ADAMSON F P
TEENHAN T O
OAR ACCESS NO.....209730-087
DDC NUMBER.....A0674827
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0082V
AEROSPACE RESEARCH LABORATORIES
INTERNAL-CONVERSION-ELECTRON STUDY OF THE DECAY OF
RUSUPPEN103
REPRINT FROM THE PHYSICAL REVIEW, VOL 165, NO. 4, 1363-1370
/ 20 JAN 69
BY MANTHURUTHIL J C
HENNECKE H J
OAR ACCESS NO.....210430-011
DDC NUMBER.....A0674829
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-0083V
AEROSPACE RESEARCH LABORATORIES
VOLATILE RARE EARTH CHELATES OF BATA-DIKETONES
REPRINTED FROM ADVANCES IN CHEMISTRY SERIES, NUMBER 71,
LANTHANIDE/ACTINIDE CHEMISTRY, 1967.
BY STEVENS R E
EISENTRAUT K J
SPRINGER C S JR
OAR ACCESS NO.....209700-075
DDC NUMBER.....A0674836
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-0084V
AEROSPACE RESEARCH LABORATORIES
MODIFICATION OF A TIME-OF-FLIGHT MASS SPECTROMETER FOR
INVESTIGATION OF ION-MOLECULE REACTIONS AT ELEVATED
PRESSURES
REPRINTED FROM THE REVIEW OF SCIENTIFIC INSTRUMENTS, VOL.
39, NO. 3, 340-345, MARCH 1968.
BY FUTRELL J M
TEENHAN T O
ADAMSON F P
MILLER C D
OAR ACCESS NO.....209730-088
DDC NUMBER.....A0674831
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0085V
AEROSPACE RESEARCH LABORATORIES
CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATORS, FROM SINGLY
CENSORED SAMPLES, OF THE SCALE PARAMETERS OF TYPE II
EXTREME-VALUE DISTRIBUTIONS FINAL REPORT MAY 1968
REPRINTED FROM TECHNOMETRICS, VOL. 10, NO. 2, PP. 349-350,
MAY 1968
BY HARPER M L
MOORE A H
OAR ACCESS NO.....210280-032
DDC NUMBER.....A0674839
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-0086V
AEROSPACE RESEARCH LABORATORIES
MORE ON THE CALCULATION OF AN INTEGRAL
REPRINTED FROM MATH OF COMPUTATION, VOL. 21, NO. 100, PP.
727-730, OCT 1967.
BY FETTES M E
OAR ACCESS NO.....210310-017
DDC NUMBER.....A0674708
INSTR...ARL-7071-00-18
PROJECT.....7071

ARL 68-0087W
SYSTEMS RESEARCH LABORATORIES INC
OSUB2 AND CU INTERACTION WITH ALUMINUM
FILMS GROWN ON TA 21107
0068
REPRINT FROM SURFACE SCIENCE 10 1968
308-310 NORTH-HOLLAND PUBLISHING CO
AMSTERDAM
BY JACKSON A G
HOLKEN W P
MAAS T B
OAR ACCESS NO.....207891-003
DDC NUMBER.....A0674808
INSTR...F33615-67-C-1041
PROJECT.....7023

ARL 68-0088W
AEROSPACE RESEARCH LABORATORIES
SYSTEM FOR MEASURING HIGH-TEMPERATURE WEIGHT CHANGES UNDER
CONTROLLED OXYGEN PARTIAL PRESSURE TO IMMOBILIZES C
REPRINT FROM VACUUM MICROBALANCE TECHNIQUES, VOL. 6, PP.
141-157
BY TRIPP R C
VIST R W
TALLAN N H
OAR ACCESS NO.....209710-007
DDC NUMBER.....A0674840
INSTR...AF-33/657/10815
PROJECT.....7021

ARL 68-0089W
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
RADIATION FROM HIGH-PRESSURE PLASMAS
JOURNAL OF APPLIED PHYSICS, VOL. 39, NO. 1, PP. 148-152
/ JANUARY 1968
BY HAUELE U H
OAR ACCESS NO.....207571-008
INSTR...AF-33/615/01015
PROJECT.....7063

ARL 68-0000V
AFROSPACE RESEARCH LABORATORIES
SYNTHETIC DUALITY FOR QUADRATIC PROGRAMMING IN COMPLEX
SPACE
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, VOL. 23,
NO. 2, AUGUST 1968
BY MOND B
HANSON M A
OAR ACCESS NO.....210320-088
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-01007
SOLID STATE PHYSICS RESEARCH LABORATORY
PHOTOGRAPHIC RECORDINGS WITH ENHANCED CONTRAST USING THE
STORAGE IMAGE AMPLIFIER, AND APPLICATIONS IN RESEARCH FINAL
REPORT MAY 1968
BY GEBEL R K H
CHARLES D
WENDT G
WESTERHUT M R
OAR ACCESS NO.....210870-019
DOC NUMBER.....AD67687
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 68-0001W
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A
HIGHLY COOLED TURBULENT BOUNDARY LAYER
REPRINTED FROM AIAA 6TH AEROSPACE SCI. MEETING, JAN22-24,
1964
BY NEMEN H W
HOPKINS R A
OAR ACCESS NO.....209271-001
DOC NUMBER.....AD674841
INSTR...FJJ615-68-C-124V

ARL 68-0101U
MUNSAUTO RESEARCH CORPORATION
BASIC RESEARCH ON SYNTHESIS OF NEW PHOSPHORUS-NITROGEN
REAGENTS FINAL REPORT MAY 1968
BY RICHARDSON G A
NIELSEN M L
OAR ACCESS NO.....209360-002
DOC NUMBER.....AD676650
INSTR...AF-33/615/0221A
PROJECT.....7023

ARL 68-0002V
AFROSPACE RESEARCH LABORATORIES
INFLUENCE OF EXCHANGE ON THE STATIC POLARIZATION OF AN
ELECTRON GAS
THE PHYSICAL REVIEW, VOL 165, NO. 3, 850-852, 15 JANUARY
1968
BY DAYNE H
OAR ACCESS NO.....210470-004
DOC NUMBER.....AD674845
INSTR...ARL-7114-00-04
PROJECT.....7114

ARL 68-0102T
AFROSPACE RESEARCH LABORATORIES
AN ANALYSIS OF FUNDAMENTAL FACTORS GOVERNING THE
LIMITATIONS IN DETECTION OF IMAGES, FINAL REPORT MAY 1968
BY GEBEL R K H
OAR ACCESS NO.....210370-018
DOC NUMBER.....AD675997
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 68-0003V
AFROSPACE RESEARCH LABORATORIES
ON COMPRESSIBLE TURBULENT-PLANE COUETTE FLOW
AIAA JOURNAL, TN, VOL. 6, NO. 4, APRIL 1968
BY KUKKECI H H
HIGGS A A
OAR ACCESS NO.....209900-019
DOC NUMBER.....AD674847
INSTR...ARL-7064-00-08
PROJECT.....7064

ARL 68-0103U
AVCO CORPORATION
RADIATION STUDIES OF ARC HEATED NITROGEN, OXYGEN, AND ARGON
PLASMAS FINAL REPORT MAY 1968
BY MORRIS J C
KREY R U
GARRISON R L
OAR ACCESS NO.....207701-001
DOC NUMBER.....AD676651
INSTR...AF-33/615/02976
PROJECT.....7063

ARL 68-0104V
AFROSPACE RESEARCH LABORATORIES
BEST APPROXIMATION ON SOME FINITE SETS
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, VOL. 21,
NO. 2, FEBRUARY 1968, PP 347-355.
BY SHISHA D
OAR ACCESS NO.....210310-015
DOC NUMBER.....AD674854
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 68-0004V
AFROSPACE RESEARCH LABORATORIES
COMMENT ON THE USE OF LANGMUIR PROBES FOR LOW-DENSITY
PLASMA DIAGNOSTICS
AMERICAN JOURNAL OF PHYSICS, VOL 35 NO. 11, NOVEMBER 1967
BY GARCADDEN A
PALMER H S
OAR ACCESS NO.....210300-010
DOC NUMBER.....AD674800
INSTR...ARL-7073-00-03
PROJECT.....7073

ARL 68-0005V
AFROSPACE RESEARCH LABORATORIES
RATE CONSTANTS FOR CHARGE EXCHANGE INVOLVING QUASISTEMAL
IONS AND NITRIC OXIDE
REPRINTED FROM THE JOURNAL OF CHEMICAL PHYSICS, VOL. 48, NO.
3, 1409-1410, 1 FEBRUARY 1968
BY STICK L W
FUTRELL J H
OAR ACCESS NO.....209730-004
DOC NUMBER.....AD674804
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0105W
AFROSPACE RESEARCH LABORATORIES
A UNIFORM TREATMENT OF DARKBODIES METHOD
OFFPRINT FROM ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS,
VOL. 27, NO. 4, PP. 289-305, 1968
BY FIELOS J L
OAR ACCESS NO.....207102-004
DOC NUMBER.....AD674857
INSTR...AF-33/615/02764
PROJECT.....7071

ARL 68-0006U
FAGLE-PICTER INDUSTRIES INC
RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI
COMPOUNDS FINAL REPORT MAY 1968
BY FAHIG M H
WERN G N
BROWN L W
OAR ACCESS NO.....209953-001
DOC NUMBER.....AD674836
INSTR...F33615-67-C-1579
PROJECT.....7045

ARL 68-0106W
AFROSPACE RESEARCH LABORATORIES
SYNTHESIS AND PROPERTIES OF ALKANOIC CHLOROCARBONS,
FINAL REPORT JUN 1968
BY GALLESTER M
CASTANER J
RIFHA J
OAR ACCESS NO.....208171-008
INSTR...AF-61/052/00749
PROJECT.....7023

ARL 68-0007W
NEW YORK UNIVERSITY
REVIEW OF SCRAMJET PROPULSION TECHNOLOGY
JOURNAL OF AIRCRAFT, VOL. 5, NO. 1, PP. 3-10, JANUARY-
FEBRUARY 1968
BY FERMI A
OAR ACCESS NO.....209301-001
DOC NUMBER.....AD674848
INSTR...F33615-68-C-1184
PROJECT.....7064

ARL 68-0107U
UNIVERSIDAD DE MARCELONA
SYNTHESIS AND PROPERTIES OF ALKANOIC CHLOROCARBONS,
FINAL REPORT JUN 1968
BY JOSEF R
VIGAL K
OAR ACCESS NO.....207861-005
INSTR...F61052-67-C-0033
PROJECT.....7063

ARL 68-0008T
AFROSPACE RESEARCH LABORATORIES
PROPERTIES OF THE ARL MAGNETO PLASMA DEVICE PART I SYSTEM
OPERATION AND PLASMA GENERATION FINAL REPORT MAY 1968
BY ANTON M S
FRIZ W
OAR ACCESS NO.....210300-002
DOC NUMBER.....AD675993
INSTR...ARL-7073-00-04
PROJECT.....7073

ARL 68-0108U
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
SMALL SHIELDED THERMOCOUPLE TOTAL TEMPERATURE PROBES
OAR ACCESS NO.....207861-005
INSTR...F61052-67-C-0033
PROJECT.....7063

ARL 68-0009T
AFROSPACE RESEARCH LABORATORIES
A LIMITING CONDITION FOR SUPERSONIC INVISCID INTERACTION IN
THE CORNER OF INTERSECTING WEDGES FINAL REPORT MAY 1968
BY KUKKECI H H
OAR ACCESS NO.....209900-016
DOC NUMBER.....AD674843
INSTR...ARL-7064-00-06
PROJECT.....7064

ARL 68-0109U
STATE UNIVERSITY OF NEW YORK
DIAGNOSTICS ON STEADY-STATE CROSS-FLOW ARCS, I. LOW CURRENT
FINAL REPORT MAY 1968
BY BENENSON D M
HAKER A J
CENKNER A A JR
OAR ACCESS NO.....207840-003
DOC NUMBER.....AD676041
INSTR...AF-33/615/01797
PROJECT.....7063

ARL 68-0110V
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
APPLICATION OF THE MOUNT TRAILING EDGE BLADE CONCEPT TO LOW
HUB TIP RATIO TRANSONIC SUPRSONIC COMPRESSIONS FINAL
REPORT MAR 1968
BY CHAUVIN J
HREUGELMANS P
GRIFFENTHOG H
DAR ACCESS NO.....211040-002
DOC NUMBER.....AD674628
INSTN...AF1057-67-C-0018
PROJECT.....7065

ARL 68-0111T
AEROSPACE RESEARCH LABORATORIES
GRID44 A SUBROUTINE FOR THE UNCONSTRAINED MINIMIZATION OF
A FUNCTION OF FOUR OR FIVE VARIABLES, FINAL REPORT JUN
1968
BY DECEY J G
DAR ACCESS NO.....209650-012
DOC NUMBER.....AD675187
INSTN...ARL-7023-00-02
PROJECT.....7023

ARL 68-0112U
GENERAL DYNAMICS
INVESTIGATION OF ELECTRODE EROSION IN HIGH CURRENT ELECTRIC
ARCS
BY DETHLEFSEN D
DAR ACCESS NO.....211100-002
DOC NUMBER.....AD675105
INSTN...AF3A15-67-C-1380
PROJECT.....7063

ARL 68-0113T
AEROSPACE RESEARCH LABORATORIES
ON THE TRANSITION STATE IN FREE RADICAL INTERACTIONS, FINAL
REPORT JUN 1968
BY TIERMAN T O
TERRY J D
DAR ACCESS NO.....209730-004
DOC NUMBER.....AD675289
INSTN...ARL-7023-00-10
PROJECT.....7023

ARL 68-0114T
AEROSPACE RESEARCH LABORATORIES
FREE MOLECULAR FLOW THROUGH A CIRCULAR TUBE OF FINITE
LENGTH
BY NAGARAJA K S
DAR ACCESS NO.....209800-010
DOC NUMBER.....AD675995
INSTN...ARL-7044-00-05
PROJECT.....7064

ARL 68-0115U
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FURTHER STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND
KINETIC ENERGY TO A GAS FINAL REPORT JULY 1968
TR 144 JULY 1968
BY HALDEMAN C W
TAKAMASHI H
DAR ACCESS NO.....209510-002
DOC NUMBER.....AD675566
INSTN...AF-33/615/02740
PROJECT.....7065

ARL 68-0116U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
SUMM NUMERICAL CALCULATIONS FOR AN ELECTRIC ARC IN A
CYLINDRICAL TUBE
BY MOONETT W F
DAR ACCESS NO.....211120-003
DOC NUMBER.....AD675559
INSTN...AF3615-67-C-1758
PROJECT.....7063

ARL 68-0117V
AEROSPACE RESEARCH LABORATORIES
INFLUENCE OF XENON ON Cesium LASER PLASMAS
APPLIED PHYSICS LETTERS, VOL 12 NO. 4, 1 MAY 1968
BY MELTZINGER H
GARSCHAGEN A
DAR ACCESS NO.....210340-015
DOC NUMBER.....AD677096
INSTN...ARL-7023-00-03
PROJECT.....7073

ARL 68-0118T
AEROSPACE RESEARCH LABORATORIES
RADIATIVE TRANSFER FROM AN INHOMOGENEOUS NON-SCATTERING GAS
IN THE INFRARED FINAL REPORT JULY 1968
BY LAWTON J
MORRISON W R
SCHILLER K
DAR ACCESS NO.....211150-013
DOC NUMBER.....AD675996
INSTN...ARL-7023-00-11
PROJECT.....7023

ARL 68-0121V
OHIO STATE UNIVERSITY RESEARCH LABORATORY
INTRINSIC OSCILLATIONS IN PHOTOCONDUCTIVITY OF PNSE
PHYSICS LETTERS 26A, 19, 6 APR 1968
BY PARK T S
MCCONA L
DAR ACCESS NO.....210340-024
DOC NUMBER.....AD677097
INSTN...ARL-7023-00-04
PROJECT.....7023

ARL 68-0122V
AEROSPACE RESEARCH LABORATORIES
GENERALIZATION OF A HESSEL FUNCTION INTEGRAL
SIAM REVIEW, VOL 10, NO 2, APRIL 1968
BY FETTS H E
DAR ACCESS NO.....210320-041
INSTN...ARL-7021-00-15
PROJECT.....7071

ARL 68-0123V
AEROSPACE RESEARCH LABORATORIES
NUCLEAR SPIN-LATTICE RELAXATION MEASUREMENTS BY TONE-BURST
MODULATION
BY LOCK D C
LICKER D R
DAR ACCESS NO.....210550-016
DOC NUMBER.....AD677907
INSTN...ARL-7045-00-01
PROJECT.....7065

ARL 68-0124W
PENNSYLVANIA POLYTECHNIC INSTITUTE
CATHODE CHARACTERISTICS IN SHOCK-IONIZED AIR PLASMAS
REPRINTED FROM THE PHYSICS OF PLASMAS, VOLUME 11, NUMBER 5,
MAY 1968
BY HIRSHMAN H F
DAR ACCESS NO.....209391-004
DOC NUMBER.....AD677916
INSTN...AF-33/615/01760
PROJECT.....7064

ARL 68-0125V
AEROSPACE RESEARCH LABORATORIES
ANALOG AND NULL DESCRIPTIONS OF GRAVITATIONAL RADIATION
THE PHYSICAL REVIEW, VOL. 168, NO. 5, 1951-1953, 25 APRIL
1968
BY ISAACSON H A
WINICOM J
DAR ACCESS NO.....210510-705
DOC NUMBER.....AD678146
INSTN...ARL-7114-00-08
PROJECT.....7114

ARL 68-0126V
AEROSPACE RESEARCH LABORATORIES
TWIN BOUNDARIES IN ALUMINUM
TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME, VOL.
242, P.1188-1190, JUNE 1968
BY SARGENT C M
DAR ACCESS NO.....211220-005
DOC NUMBER.....AD677911
INSTN...ARL-7021-00-19
PROJECT.....7021

ARL 68-0127V
AEROSPACE RESEARCH LABORATORIES
ON THE REACTION COMPLEX OF THE CSUJ3MSUBAPLU-CSUJ3MSUB6
ION-MOLECULE REACTION
REPRINTED FROM JOURNAL OF PHYSICAL CHEMISTRY, 72, 1826/1968
BY ABRAHAMSON F P
FUTHELL J H
DAR ACCESS NO.....209730-090
DOC NUMBER.....AD677905
INSTN...ARL-7023-00-10
PROJECT.....7023

ARL 68-0128V
AEROSPACE RESEARCH LABORATORIES
ANALOG STATES THROUGH THE SUPERJ34/P.GAPNA/CISUPHEW35
REACTION
NUCLEAR SCIENCE AND APPLICATIONS, VOL 3, NO. 2
BY NANTHURUTHIL J C
LEE F D
WATSON D D
DAR ACCESS NO.....210430-012
INSTN...ARL-7112-00-02
PROJECT.....7112

ARL 68-0129V
AEROSPACE RESEARCH LABORATORIES
REACTIVE STATE IN THE PHOTOREDUCTION OF ACRIDINE IN ETHANOL
REPRINTED FROM THE JOURNAL OF CHEMICAL PHYSICS, VOL. 48, NO
4, 6, 2651-2654, 15 MARCH 1968
BY WILKINSON F
DUNNIS J T
DAR ACCESS NO.....209730-091
DOC NUMBER.....AD677918
INSTN...ARL-7023-00-10
PROJECT.....7023

ARL 68-0130V
AEROSPACE RESEARCH LABORATORIES
INTERACTION OF ANTHRACENE AND DIACETYL AT DIFFERENT
EXCITATION WAVELENGTHS
REPRINTED FROM THE JOURNAL OF CHEMICAL PHYSICS, VOL. 49, NO
4, 6, 2647-2650, 15 MARCH 1968
BY DUNNIS J T
DEHMENS H
DAR ACCESS NO.....209730-092
DOC NUMBER.....AD677901
INSTN...ARL-7023-00-10
PROJECT.....7023

ARL 68-0131U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
NATURE OF THE FLOW IN A SWIRL CHAMBER HAVING ENDWALL FLOW
REVERSAL FINAL REPORT JULY 1968
SUMMARY TECHNICAL REPORT - PAGE 111
BY LEE J O
DAR ACCESS NO.....209840-003
DOC NUMBER.....AD676047
INSTN...AF-33/615/01063
PROJECT.....7116

ARL 68-0112U
MELL AND HOWELL RESEARCH LABORATORIES
ANALYTICAL TECHNIQUES FOR THE DETERMINATION OF TRACE
IMPURITIES IN CADMIUM SULFIDE FINAL REPORT JULY 1968
BY SICHUA A J
WILLANDSON M K
OAR ACCESS NO.....209480-001
DOC NUMBER.....A0679637
INSTN...AF-33/615/00701
PROJECT.....7065

ARL 68-0113U
PENSEN LEIF
INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN
CERTAIN CLASSES OF CURVED FLOW PART II FINAL REPORT JULY
1968
BY PENSEN L N
OAR ACCESS NO.....211610-001
DOC NUMBER.....A0675561
INSTN...F61052-88-C-1025
PROJECT.....7063

ARL 68-0134U
PENSEN LEIF
INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN
CERTAIN CLASSES OF CURVED FLOW PART I FINAL REPORT JULY
1968
BY PENSEN L N
OAR ACCESS NO.....211610-002
DOC NUMBER.....A0675560
INSTN...F61052-88-C-1025
PROJECT.....7063

ARL 68-0135U
UNIVERSITY OF ILLINOIS
DISPERSION EFFECTS IN A HIGH GAIN 3.39U HE-NE LASER
APPLICATION TO THE LASER METEOROLOGY MEASUREMENT OF PLASMA
DENSITY
BY LEO C
VENOFYEN J T
CHENNINGTON B E
OAR ACCESS NO.....210870-003
DOC NUMBER.....A0676033
INSTN...AF-33/615/01264
PROJECT.....7073

ARL 68-0136U
AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON
ON THE KINETIC THEORY OF PLASMAS FINAL REPORT JULY 1968
BY KNITT A M
SAMURI G
OAR ACCESS NO.....209280-005
DOC NUMBER.....A0671534
INSTN...AF-33/615/01910
PROJECT.....7073

ARL 68-0137T
AEROSPACE RESEARCH LABORATORIES
THE HYPERSONIC WALL DAMPING DERIVATIVE OF A BLUNT CONE
FINAL REPORT JULY 1968
BY QUINN R
OAR ACCESS NO.....211700-001
DOC NUMBER.....A0675098
INSTN...ARL-7116-00-05
PROJECT.....7116

ARL 68-0138V
AEROSPACE RESEARCH LABORATORIES
IONIC REACTIONS IN UNSATURATED COMPOUNDS. III. PHENYLENE
AND THE ISOMERIC BUTENES
REPRINTED FROM THE JOURNAL OF PHYSICAL CHEMISTRY, 72, 1968/
BY ANDERSON R P
FUTRELL J H
OAR ACCESS NO.....209730-126
DOC NUMBER.....A0677012
INSTN...ARL-7023-00-10
PROJECT.....7073

ARL 68-0139U
UNIVERSITE DE PARIS
OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI
SEMICONDUCTING COMPOUNDS
BY HALKANSKI M
OAR ACCESS NO.....209692-001
INSTN...AF-61AR-2010-88
PROJECT.....7045

ARL 68-0140W
MONSANTO RESEARCH CORPORATION
RAPID ULTRA-TRACE DETERMINATION OF BERYLLIUM BY GAS
CHROMATOGRAPHY
REPRINTED FROM TALANTA 1964, VOL. 15, PP. 97 TO 98.
BY ROSS M J
SIEVENS W E
OAR ACCESS NO.....207921-005
DOC NUMBER.....A0674549
INSTN...AF-33/615/01176
PROJECT.....7023

ARL 68-0141U
NEW YORK UNIVERSITY
SLCT COOLING AT HIGH SPEED FLOW
NYU-AA-68-24, AUGUST 1968
BY KLEINSTEIN G
OAR ACCESS NO.....209301-006
DOC NUMBER.....A0679637
INSTN...F33615-88-C-1184
PROJECT.....7064

ARL 68-0142U
CORNELL AERONAUTICAL LABORATORY INC
RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH
TEMPERATURE GASES VOLUME I - MERCURY CONDENSATION
EXPERIMENTS FINAL REPORT AUGUST 1968
AD 1672-A-4, AUGUST 1968
BY MERRITT G C
OAR ACCESS NO.....208910-006
INSTN...AF-33/657/00302
PROJECT.....7116

ARL 68-0143U
CORNELL AERONAUTICAL LABORATORY, INC.
RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH
TEMPERATURE GASES VOLUME II - CONDENSATION EXPERIMENTS IN A
SHOCK TUBE FINAL REPORT AUG 1968
AD 1672-A-4, AUGUST 1968
BY FALK J
OAR ACCESS NO.....208910-008
DOC NUMBER.....A0679219
INSTN...AF-33/657/00302
PROJECT.....7116

ARL 68-0143U
CORNELL AERONAUTICAL LABORATORY INC
RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH
TEMPERATURE GASES VOLUME II - CONDENSATION EXPERIMENTS IN A
SHOCK TUBE FINAL REPORT AUGUST 1968
AD 1672-A-4, AUGUST 1968
BY FALK T J
OAR ACCESS NO.....208910-007
INSTN...AF-33/657/00302
PROJECT.....7116

ARL 68-0144W
THE SYSTEMS
LASER PHOTOLYSIS AND SPECTROSCOPY IN THE NANOSECOND TIME
RANGE EXCITED SINGLET STATE ABSORPTION IN CORONENE
REPRINT FROM J. CHEM. PHYS. 47, 3075 /1967//
BY NOVAK J R
WINDSOR M B
OAR ACCESS NO.....210080-002
INSTN...AF-33/615/00331
PROJECT.....7023

ARL 68-0145V
AEROSPACE RESEARCH LABORATORIES
AN EXPERIMENT WITH PARTICLES IN A FREE VORTEX
REPRINT FROM AIAA JOURNAL, VOL. 6, NO. 5 MAY 1968, PP 939-
940
BY HASINGER S M
OAR ACCESS NO.....211290-003
INSTN...ARL-7116-00-04
PROJECT.....7116

ARL 68-0146W
CORNELL AERONAUTICAL LABORATORY INC
EVAPORATION OF SUBMICRON PLATINUM PARTICLES IN A SHOCK TUBE
BY FALK T J
OAR ACCESS NO.....208910-004
INSTN...AF-33/657/00302
PROJECT.....7116

ARL 68-0147W
TECHNICON RESEARCH AND DEVELOPMENT FOUNDATION
HIGH-TEMPERATURE ELECTRICAL PROPERTIES OF MANGANESE
MONOXIDE
JOURNAL OF CHEMICAL PHYSICS, VOL. 47, NO. 6, PP.2090-2103,
15 SEPTEMBER 1967.
BY MEO A Z
TANHAUSER D S
OAR ACCESS NO.....209290-005
INSTN...AF-61/052/00825
PROJECT.....7021

ARL 68-0148V
AEROSPACE RESEARCH LABORATORIES
REACTION 5 SUPPER 36 /P. GAMMA /C1 SUPPER 37 AND PROPERTIES
OF C1 SUPPER 37
PUBLISHED IN THE PHYSICAL REVIEW, VOL. 169, NO. 4, 800-910,
20 MAY 1968
BY HYDER A K JR
HANNIS G I
OAR ACCESS NO.....210420-044
DOC NUMBER.....A0677913
INSTN...ARL-7112-00-01
PROJECT.....7112

ARL 68-0149T
AEROSPACE RESEARCH LABORATORIES
TEMPERATURE-TIME HISTORY OF NIGHT CIRCULAR CYLINDER IN
HYPERSONIC FLOW
BY WIGGS R A
PETTY J S
OAR ACCESS NO.....209900-023
INSTN...ARL-7064-00-06
PROJECT.....7064

ARL 68-0180Y
AEROSPACE RESEARCH LABORATORIES
SIMPLE MOVABLE PROBE FOR VACUUM
VACUUM SCIENCE AND TECHNOLOGY, P. 34 JAN/FEB. 1968
VACUUM ACCESS NO.....P10390-008
BY RAY J
PALMER R S
INSTH...ANL-7073-00-08
PROJECT.....7071

ARL 68-0181U
RESEARCH FOUNDATION OF THE STATE UNIVERSITY OF NEW YORK
INFRARED RADIATIVE ENERGY TRANSFER IN GASEOUS SYSTEMS FINAL
REPORT AUGUST 1968
BY CESS R D
TIVARI S N
SOTAK A F
OAR ACCESS NO.....209900-002
DOC NUMBER.....AD679902
INSTR...AF-33/615/03104
PROJECT.....7063

ARL 68-0182U
TRU INC
RADIATION MEASUREMENTS FROM A PULSED HIGH-PRESSURE NITROGEN
ARC FINAL REPORT AUGUST 1968
BY GOLDSTEIN R
MASTRUP F N
OAR ACCESS NO.....P10960-009
INSTR...AF-33/615/05303
PROJECT.....706J

ARL 68-0183U
CLPVIITE CORPORATION, ELECTRONIC RESEARCH DIVISION
RESEARCH ON IMPROVED II-VI CRYSTALS
BY SHIOZAWA L R
JOIST J K
SULLIVAN G A
OAR ACCESS NO.....208962-003
DOC NUMBER.....AD675966
INSTR...AF-33/615/02708
PROJECT.....7885

ARL 68-0184U
IIT RESEARCH INSTITUTE
RESEARCH ON ELECTRICAL CONDUCTIVITY AND CONDUCTION
MECHANISMS IN ALUMINA FINAL REPORT AUGUST 1968
BY MILLS J J
OAR ACCESS NO.....210930-002
INSTR...AF-33/615/05448
PROJECT.....7021

ARL 68-0185U
TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY
THE VELOCITY, PRESSURE AND TEMPERATURE DISTRIBUTION IN THE
TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO DIMENSIONAL
WEDGE-PLATE MODEL
ISRAEL JOUR. OF TECH., VOL. 6, NO 1-2 1968, PP. 84-94, FEB
1968
BY POM J
KRONZON Y
SEGINER A
OAR ACCESS NO.....207861-006
INSTR...AF-33/615/02-0033
PROJECT.....706J

ARL 68-0186U
UNIVERSITY OF DAYTON RESEARCH INSTITUTE
COMPUTER PROGRAM FOR THE CALCULATION OF ELECTRIC FIELDS IN
AN ELECTROFLUIDDYNAMIC GENERATOR FINAL REPORT AUGUST 1968
UDRI-TR-68-37, AUGUST 1968
BY MINARDI J E
OAR ACCESS NO.....209590-001
INSTH...AF-33/615/03203
PROJECT.....7116

ARL 68-0187V
AEROSPACE RESEARCH LABORATORIES
ATOMIC PROCESSES WITH SPECIAL APPLICATION TO GASEOUS
NEBULAE
REPRINT FROM STARS AND STELLAR SYSTEMS, VOL VII, NEBULAE
AND INTERSTELLAR MATTER 1968.
BY CZYZAK S.
OAR ACCESS NO.....210440-014
INSTR...ANL-7114-00-01
PROJECT.....7114

ARL 68-0188V
AEROSPACE RESEARCH LABORATORIES
RARE EARTH STABILIZED ZIRCONIA REFRACTIONS FOR HYPERSONIC
WIND TUNNEL STORAGE HEATERS
PREPRINT NO. 11C, MATERIALS CONFERENCE OF AMERICAN INST. OF
CHEMICAL ENGRS, MARCH-APRIL 1968.
BY FEHRENBACHER L L
OAR ACCESS NO.....211660-005
INSTH...ANL-7021-00-25
PROJECT.....7021

ARL 68-0189V
AEROSPACE RESEARCH LABORATORIES
THE MOBILITY OF ELECTRONS AND HOLES IN MMC AT HIGH
TEMPERATURES
PUBLISHED IN SOLID STATE COMMUNICATION, 6, 135-1968.
BY TALLAN N H
TANNHAUSEN D S
GVISHI M
OAR ACCESS NO.....209990-02H
INSTR...ANL-7021-00-0H
PROJECT.....7021

ARL 68-0190U
NEW YORK UNIVERSITY
AN EXPERIMENTAL STUDY OF SOME BASE INJECTION TECHNIQUES AND
THE EFFECT OF LARGE PRESSURE GRADIENTS ON TURBULENT
DIFFUSION PROCESSES
BY ZAKKAY V
SINHA M
FOX H
OAR ACCESS NO.....209301-005
DOC NUMBER.....AD679218
INSTR...P33618-68-C-1184
PROJECT.....7064

ARL 68-0190U
NEW YORK UNIVERSITY
AN EXPERIMENTAL STUDY OF SOME BASE INJECTION TECHNIQUES AND
THE EFFECT OF LARGE PRESSURE GRADIENTS ON TURBULENT
DIFFUSION PROCESSES
BY ZAKKAY V
SINHA M
FOX H
OAR ACCESS NO.....209301-007
INSTR...P33618-68-C-1184
PROJECT.....7064

ARL 68-0191V
AEROSPACE RESEARCH LABORATORIES
HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL
PROPERTIES OF NiO
PUBLISHED IN JOURNAL OF CHEMISTRY AND PHYSICS, VOL 49, 15 JULY
1968.
BY TALLAN N H
BHANSKY I
OAR ACCESS NO.....208960-029
INSTH...ANL-7021-00-08
PROJECT.....7021

ARL 68-0192V
AEROSPACE RESEARCH LABORATORIES
DIFFUSION CONCENTRATION DISTRIBUTION NEAR AN IDEALIZED
CONTACT SPOT
PUBLISHED IN PHYSICA STATUS SOLIDI, 26, PP 87-105, 1968.
BY CHAMER K H
RICHARDS K J
OAR ACCESS NO.....211190-003
INSTR...ANL-7021-00-16
PROJECT.....7021

ARL 68-0193V
AEROSPACE RESEARCH LABORATORIES
IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL
STORAGE HEATERS
PUBLISHED IN, PROCEEDINGS OF OAR RESEARCH APPLICATION
CONFERENCE, MARCH 1968.
BY FEHRENBACHER L L
OAR ACCESS NO.....211660-006
INSTH...ANL-7021-00-25
PROJECT.....7021

ARL 68-0194U
MATELLE MEMORIAL INSTITUTE
THE METALLOGRAPHIC STRUCTURE OF CONTINUOUS VAPOR DEPOSITED
SiC FILAMENTS
PUBLISHED IN APPLIED PHYSICS LETTERS, JULY 1968.
BY ADL R P I
MCCANDLESS F
HEFFELFINGER R E
LANDSTRUM D K
OAR ACCESS NO.....211080-002
INSTR...AF-33/615-67-C-1166
PROJECT.....7021

ARL 68-0195U
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
THERMOGRAVIMETRIC DETERMINATION OF THE COMPOSITION-OXYGEN
PARTIAL PRESSURE DIAGRAM OF RUSTITE /Fe₂O₃/FeO/
PUBLISHED IN JOURNAL OF AMERICAN CERAMICS SOCIETY, 51, 231
1968
BY BHANSKY I
HED A Z
OAR ACCESS NO.....209290-009
INSTR...AF-61/052/00825
PROJECT.....7021

ARL 68-0196U
MATELLE MEMORIAL INSTITUTE
DETERMINATION OF OXYGEN-ZIRCONIUM RATIO IN OXYGEN DEFICIENT
ZIRCONIA
PUBLISHED IN ANALYTICAL CHEMISTRY, VOL. 49, PP 171, JANUARY
1968.
BY HEFFELFINGER R E
LITSEY C T
CHASE O L
HENRY W H
OAR ACCESS NO.....211080-003
INSTR...AF-33/615-67-C-1166
PROJECT.....7021

ARL 68-0197U
UNIVERSITY OF ILLINOIS
THERMAL PRODUCTION OF A POPULATION INVERSION IN CARBON
DIOXIDE
APPLIED PHYSICS LETTERS, VOL 12, NO. 8, 15 APR 68
BY WISNIEWSKI E E
FEIN M E
VERHOVEN J T
CHERRINGTON B E
OAR ACCESS NO.....20870-004
INSTR...AF-33/615/05248
PROJECT.....7073

ARL 68-0168V
AEROSPACE RESEARCH LABORATORIES
SIMPLE MOVABLE PROBE FOR VACUUM
VACUUM SCIENCE AND TECHNOLOGY, P. 34 JAN/FEB. 1968
OAH ACCESS NO.....210390-004
BY RAY J
PALMER H S
INSTR...ARL-7073-00-04
PROJECT.....7073

ARL 68-0169V
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES
AGAINST CERTAIN ALTERNATIVES FINAL REPORT SEP 1968
REPRINT FROM ANNALS OF MATHEMATICAL STATISTICS, VOL. 39,
1968, PP. 1303-1309
OAH ACCESS NO.....210290-023
BY KRISHNAIAH P H
DDC NUMBER.....A067809R
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-0170V
AEROSPACE RESEARCH LABORATORIES
LINEAR POLARIZATION MEASUREMENTS
PUBLISHED IN NUCLEAR INST. AND METHODS 61, 328 1968
OAH ACCESS NO.....210420-045
BY LEE F D
WATSON D D
DDC NUMBER.....A0677909
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-0171V
AEROSPACE RESEARCH LABORATORIES
THE USE OF ORDER STATISTICS IN ESTIMATION
REPRINTED FROM OPERATIONS RESEARCH, VOL. 16, PP. 783-798
JULY-AUG. 1968
OAH ACCESS NO.....210280-033
BY HANFEL H L
DDC NUMBER.....A0678682
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-0172V
AEROSPACE RESEARCH LABORATORIES
SOME TOTAL INVARIANTS OF ASYMPTOTICALLY FLAT SPACE-TIMES
JOURNAL OF MATHEMATICAL PHYSICS, VOL. 9, NUMBER 6, JUNE 1968
OAH ACCESS NO.....211270-031
BY WINICOUR I
INSTR...ARL-7114-00-09
PROJECT.....7114

ARL 68-0173U
IIT RESEARCH INSTITUTE
STUDY OF SWIRLING FLUID FLOWS FINAL REPORT OCTOBER 1968
OAH ACCESS NO.....204823-001
BY WOLF L JR
LAVAN Z
FEJER A A
INSTR...AF-33/615/03534
PROJECT.....7114

ARL 68-0174V
AEROSPACE RESEARCH LABORATORIES
SPATIAL RESOLUTION OF THE VOLUME EMISSION COEFFICIENT IN
STRONGLY SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY
JOURNAL OF APPLIED OPTICS, VOL. 7, P. 1635-1639, AUGUST 1968
OAH ACCESS NO.....210360-008
BY BIRKELAND J W
OSS J O
DDC NUMBER.....A0677908
INSTR...ARL-7073-00-01
PROJECT.....7073

ARL 68-0175V
AEROSPACE RESEARCH LABORATORIES
WAVES OF IONIZATION IN A NITROGEN DISCHARGE
PHYSICS LETTERS, VOL. 27A, NO. 4, 1 JULY 1968
OAH ACCESS NO.....210380-013
BY GARGSCADDEN A
ULETZINGER P
DDC NUMBER.....A0677904
INSTR...ARL-7073-00-03
PROJECT.....7073

ARL 68-0176V
AEROSPACE RESEARCH LABORATORIES
THE DEGREE OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE
OPERATORS
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, VOL. 60,
NO. 4, AUGUST 1968, 1196-1200.
OAH ACCESS NO.....210320-082
BY MOND O
SHINKA O
DDC NUMBER.....A0677903
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-0177V
AEROSPACE RESEARCH LABORATORIES
THE LUMINOUS CHARACTERISTICS OF CYANOGEN-OXYGEN-HYDROGEN
TRICHLORIDE DIFFUSION FLAMES
FROM COMBUSTION AND FLAME, VOL. 12, NO. 4, PP. 367-370,
AUGUST 1968.
OAH ACCESS NO.....211150-027
BY FISCHER R L
SCHFELER K
INSTR...ARL-7073-00-11
PROJECT.....7073

ARL 68-0178V
AEROSPACE RESEARCH LABORATORIES
SPECIFIC SPOT TESTS BASED ON THE RELEASE OF HYDROGEN
CYANIDE FROM ACIDIC MERCURIC CYANIDE SOLUTION
FROM NIKROCHEM, ACTA 2, 339-344 1967.
OAH ACCESS NO.....209700-103
BY PEIGL P
CHAN F L
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-0179U
IOWA STATE UNIVERSITY
SIZE AND POWER OF SOME TESTS UNDER EXPERIMENTAL
RANDOMIZATION
OAH ACCESS NO.....207091-004
BY DOENFLER T E
INSTR...AF-33/615/01737
PROJECT.....7071

ARL 68-0180U
SYSTEM DEVELOPMENT CORPORATION
ON CUMULATIVE DAMAGE AND RELIABILITY OF COMPONENTS
SD-3199, OCTOBER 1968
OAH ACCESS NO.....211880-002
BY MURPHY V K
LIENIZ B P
INSTR...F33615-67-C-1865
PROJECT.....7071

ARL 68-0181U
NEW YORK UNIVERSITY
TWO LAYER ABLATION AT AN AXISYMMETRIC STAGNATION POINT
NYU-AA-67-114 OCTOBER 1968
OAH ACCESS NO.....209300-022
BY LUBARD S
INSTR...AF-33/615/02218
PROJECT.....7084

ARL 68-0182U
RCA ELECTRONIC COMPONENTS
DEVELOPMENT OF AN IMAGE ISOCON WITH FINER-OPTICS FACEPLATE
FINAL REPORT OCTOBER 1968
OAH ACCESS NO.....211580-001
BY MUSSELMAN F M
INSTR...F33615-68-C-1014
PROJECT.....7235

ARL 68-0183U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
LOW TEMPERATURE THERMAL EXPANSION OF WURTZITE-PHASES OF
IIb-VI COMPOUNDS - PART III/ THERMAL EXPANSION OF ZNS,
SPHALERITE, FROM 4.2 DEGREES TO 333 DEGREES K AND
OAH ACCESS NO.....209420-003
BY REBERER M R
MCLACHLAN D JR
INSTR...AF-33/615/02270
PROJECT.....7085

ARL 68-0184U
UNIVERSITE DE PARIS
OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI
SEMICONDUCTING COMPOUNDS
OAH ACCESS NO.....209092-002
BY BALKANSKI M
DDC NUMBER.....A0676649
INSTR...AF-EDAR-0016-08
PROJECT.....7085

ARL 68-0185V
AEROSPACE RESEARCH LABORATORIES
INDEX OF REFRACTION OF ZNO
J. APPL. PHYS. 39, 7 3049-3052 JUN 1968
OAH ACCESS NO.....210580-027
BY PARK V S
SCHNEIDER J R
INSTR...ARL-7085-00-08
PROJECT.....7085

ARL 68-0186U
SYSTEMS RESEARCH LABORATORIES INC
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MSUB2X
SIL TECHNICAL REPORT 580-F
OAH ACCESS NO.....209180-008
BY TALLAN N M
GRAMAM H C
VEST R W
TRIPP W C
INSTR...AF-33/637/10815
PROJECT.....7071

ARL 68-0187U
SYSTEMS RESEARCH LABORATORIES INC
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MSUB2XSUB3
SIL TECHNICAL REPORT 580-F
OAH ACCESS NO.....209180-010
BY TALLAN N M
GRAMAM H C
VEST R W
TRIPP W C
INSTR...AF-33/637/10815
PROJECT.....7071

ARL 68-0188U
SYSTEMS RESEARCH LABORATORIES INC
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND HX SUMZ
SHL TECHNICAL REPORT 990-D
OAR ACCESS NO.....209100-009
HY TALLAN M A
GRAHAM M C
VEST M V
TRIPP M C
INSTN...AF-33/057/10815
PROJECT.....7021

ARL 68-0189W
TECHNION-ISRRAEL INSTITUTE OF TECHNOLOGY
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER
RATE IN LAMINAR SUPERSONIC SEPARATED FLUIDS
ISRAEL JOURNAL OF TECHNOLOGY, VOL. 6, NO. 1-2, 14-15, PP. 72
-93, PHOTO. X ISRAEL J. IN. CONF. AVIATION AND AERONAUTICS
FEB 1968.
OAR ACCESS NO.....217851-007
BY SEGNER A
ROM J
INSTN...F61252-07-C-0033
PROJECT.....7023

ARL 68-0190R
UNIVERSITY OF WISCONSIN
HELICONS AND NON-RESONANT CYCLOTRON ABSORPTION IN INSH AND
HG SUMI SUM MINUS SUM X CO SUM X TE
OAR ACCESS NO.....209042-001
BY WILBY J D
INSTN...AF-33/015/05427
PROJECT.....7085

ARL 68-0191V
AEROSPACE RESEARCH LABORATORIES
FREQUENCY IN THE SILANE-OZONE REACTION
PHYS. J. AMER. CHEM. SOC. 90, 2197-2198, 1968.
OAR ACCESS NO.....209720-057
BY SPALTER L
SWANSON M A
INSTN...ARL-7021-00-09
PROJECT.....7023

ARL 68-0192V
AEROSPACE RESEARCH LABORATORIES
IONIC REACTIONS IN UNSATURATED COMPOUNDS. II. ETHYLENE
FROM J. PHYS. CHEM. 72, NO. 9, PP. 3000-3003, SEPTEMBER
1968.
OAR ACCESS NO.....209730-138
BY TIERNAN T O
FUTRELL J M
INSTN...ARL-7023-00-10
PROJECT.....7021

ARL 68-0193J
MONSANTO RESEARCH CORPORATION
SOLVENT EXTRACTION STUDY OF METAL FLUOROACETYLACETONATES
FINAL REPORT NOVEMBER 1968
OAR ACCESS NO.....207900-009
BY SCHIRMER W G
INSTN...AF-33/015/01003
PROJECT.....7023

ARL 68-0194U
SYSTEMS RESEARCH LABORATORIES INC
STUDIES OF THE PHYSICAL AND CHEMICAL PROPERTIES OF SOLID
SURFACES FINAL REPORT NOVEMBER 1968
SHL 11604
OAR ACCESS NO.....207891-008
HY JACKSON A G
INSTN...F31015-07-C-1041
PROJECT.....7023

ARL 68-0195V
AEROSPACE RESEARCH LABORATORIES
IONIC REACTION IN ETHYL CHLORIDE
ADVANCES IN CHEMISTRY SERIES, NUMBER 82 RADIATION CHEMISTRY
-II, AMERICAN CHEMICAL SOCIETY, 1968.
OAR ACCESS NO.....209930-139
BY TIERNAN T O
HUGHES H W
INSTN...ARL-7023-00-10
PROJECT.....7023

ARL 68-0196U
UNIVERSITY OF TEXAS
BASIC STUDIES REGARDING LINE BRADIATING FINAL REPORT
OCTOBER 1968
OAR ACCESS NO.....210980-002
BY SCHUTTEN M
INSTN...AF-33/015/05116
PROJECT.....7073

ARL 68-0197U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
LOW TEMPERATURE THERMAL EXPANSION OF BORTZITE-PHASES OF TiO
-VIB COMPOUNDS - PART II - THERMAL EXPANSION OF CISEL
CROMMELITE FROM 2 DEGREES TO 300 DEGREES K FINAL REPORT
OAR ACCESS NO.....201420-004
BY WILSON M J
MELACHLAN D J
INSTN...AF-33/015/03270
PROJECT.....7485

ARL 68-0198T
AEROSPACE RESEARCH LABORATORIES
MOMENTUM BALANCE FOR CURRENT FILAMENTS IN MAGNETIC FIELDS
FINAL REPORT NOVEMBER 1968
OAR ACCESS NO.....211360-028
BY SCHMADE M O
GIANNOTTA S F
INSTN...ARL-7063-00-13
PROJECT.....7063

ARL 68-0199W
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
HIGH-TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES
OF NiO
THE JOURNAL OF CHEMICAL PHYSICS, VOL. 40, NO. 3, 1243-1249,
1 AUGUST 1968
OAR ACCESS NO.....209290-010
BY BHANSKY I
TALLAN M M
INSTN...AF-01/092/00825
PROJECT.....7021

ARL 68-0200V
AEROSPACE RESEARCH LABORATORIES
SPECTROPHOTOMETRIC STUDIES OF GASEOUS NFDULAE XI. THE
PLANETARY NGC 6543
PUBLISHED IN THE ASTROPHYSICAL JOURNAL, VOL 154, NOVEMBER
1968
OAR ACCESS NO.....210440-015
BY CZYPAK S J
ALLEN L M
KALER J M
INSTN...ARL-7114-00-01
PROJECT.....7114

ARL 68-0201V
AEROSPACE RESEARCH LABORATORIES
A COMPUTER PROGRAM FOR CALCULATING SECTIONS OF THE
RECIPROCAL LATTICE OF ANY CRYSTAL SYSTEM
TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME, VOL.
242, P. 2365, NOVEMBER 1968.
OAR ACCESS NO.....211220-007
BY SAUGENT C M
INSTN...ARL-7021-00-19
PROJECT.....7021

ARL 68-0202U
RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK
SEQUENCES OF FRACTIONAL FACTORIAL PLANS FINAL REPORT
NOVEMBER 1968
OAR ACCESS NO.....211370-001
BY ADUELMAN S
INSTN...F33615-04-C-1105
PROJECT.....7071

ARL 68-0203U
AEROSPACE RESEARCH LABORATORIES
QUANTUM MECHANICAL STUDY OF PLASMAS FINAL REPORT DECEMBER
1968
OAR ACCESS NO.....207061-001
HY ASHBY M
HOLZMAN M
HJULANGER P
INSTN...AF-33/015/01652
PROJECT.....7071

ARL 68-0204T
AEROSPACE RESEARCH LABORATORIES
THE TURBULENT, BOUNDED WALL-JET A SOLUTION TO THE
LINEARIZED EQUATIONS FINAL REPORT NOVEMBER 1968
OAR ACCESS NO.....210100-001
BY HAUGEN H L
STUENER J W
INSTN...ARL-7065-00-08
PROJECT.....7065

ARL 68-0205U
UNIVERSITY OF TORONTO
EQUILIBRIUM THERMODYNAMIC DATA FOR THE MSUB2-OSUB2-ME
SYSTEM
UTIAS TECHNICAL NOTE NO 128 DECEMBER 1968
OAR ACCESS NO.....210470-002
BY UNGUIT A
INSTN...AF-33/015/05313
PROJECT.....7065

ARL 68-0206U
NEW YORK UNIVERSITY
A NEW CONCEPT IN HEATEN DESIGN
OAR ACCESS NO.....209251-008
HY ZAKKAY V
ALZNER E
MAYDYSH W
INSTN...AF-33/015/03236
PROJECT.....7065

ARL 68-0207U
C-F-E-I INC
FURTHER RESULTS ON ESTIMATION OF THE PARAMETERS OF THE
PERMAN TYPE III AND WEIMULL DISTRIBUTIONS IN THE
NON-REGULAR CASE
OAR ACCESS NO.....207021-002
BY PLISCHKE W R
TRULOVE A J
JOHNS M V JR
MUNDLE M H
INSTN...AF-33/015/03152
PROJECT.....7071

ARL 68-0208T
AEROSPACE RESEARCH LABORATORIES
PRESSURE DISTRIBUTION ON A 9.6 DEGREE BLUNT CONE AT MACH
14 FINAL REPORT NOVEMBER 1968
BY PHIBERG E G
DAR ACCESS NO.....211780-002
INSTR...ARL-7085-00-21
PROJECT.....7085

ARL 68-0209T
AEROSPACE RESEARCH LABORATORIES
MORE ZEMOS OR Bessel FUNCTION CROSS PRODUCTS FINAL REPORT
DECEMBER 1968
BY PATTIS H F
CARLIN J C
DAR ACCESS NO.....210310-023
INSTR...ARL-7071-00-18
PROJECT.....7071

ARL 68-0210U
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
BASIC RESEARCH ON THE SEPARATION OF SCANDIUM, YTERBIUM, AND
THE RARE EARTHS BY SOLVENT EXTRACTION FINAL REPORT DECEMBER
1968
BY SWIFT T H
DARLETT H B
DUMPELL A L
KAHN D
ALAIM S D
DAR ACCESS NO.....210740-001
INSTR...AF-33/615/0104
PROJECT.....7021

ARL 68-0211T
AEROSPACE RESEARCH LABORATORIES
ELECTRIC ARCS IN TRANSVERSE MAGNETIC FIELDS FINAL REPORT
NOVEMBER 1968
BY GIANNOTTI S F
SCHAUDE M J
DAR ACCESS NO.....211300-030
INSTR...ARL-7083-70-13
PROJECT.....7083

ARL 68-0212U
MITSUBISHI RESEARCH CORPORATION
INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY
SUBSTRATES FINAL REPORT NOVEMBER 1968
BY ROSS M D
DAR ACCESS NO.....207921-008
INSTR...AF-33/615/0117
PROJECT.....7073

ARL 68-0213U
NEW YORK UNIVERSITY
THE DESIGN AND OPERATION OF A HIGH MACH NUMBER-REYNOLDS
NUMBER FACILITY FINAL REPORT DECEMBER 1968
BY ZAKRAY Y
DAR ACCESS NO.....209251-005
INSTR...AF-33/615/0126
PROJECT.....7085

ARL 68-0216T
AEROSPACE RESEARCH LABORATORIES
EXPERIMENTAL INVESTIGATION OF INTERACTIONS BETWEEN BLUNT
FIN SHOCK WAVES AND ADJACENT BOUNDARY LAYERS AT MACH
NUMBERS 3 AND 5 FINAL REPORT DECEMBER 1968
BY YOUNG F L
KAUFMAN L G II
KORFGE H H
DAR ACCESS NO.....209400-024
INSTR...ARL-7084-00-06
PROJECT.....7084

ARL 68-0215U
NEW YORK UNIVERSITY
A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT
SUPERSONIC FLOW
PAPER PRESENTED AT THE SYMposium IN MAY 1968
BY NEPOMECH H
SLOVAK T
DAR ACCESS NO.....209301-008
INSTR...AF-33/615-00-1134
PROJECT.....7084

ARL 68-0216T
AEROSPACE RESEARCH LABORATORIES
ON INITIAL CONDITIONS FOR VISCOUS INTERACTING FLOWS FINAL
REPORT DECEMBER 1968
BY HANNEY M L
DETRELL M F
DAR ACCESS NO.....209410-019
INSTR...ARL-7084-00-07
PROJECT.....7084

ARL 68-0217U
CLEVELAND CORPORATION
IMPROVEMENTS IN COS THIN FILM SHEAR CELLS
BY NASTELIN H F
DAR ACCESS NO.....210711-001
INSTR...AF-33/615-00-1142
PROJECT.....7085

ARL 68-0218U
TECHNICAL RESEARCH AND DEVELOPMENT FOUNDATION
HEAT TRANSFER IN THE LAMINAR SUPERSONIC SEPARATED FLOW
BEHIND AN AXISYMMETRICAL BACKWARD FACING STEP
TAE REPORT NO. R2 DECEMBER 1968
BY HEN J
SEGINEN A
DAR ACCESS NO.....207861-008
INSTR...AF-33/615-07-C-0033
PROJECT.....7083

ARL 68-0219U
SYSTEMS RESEARCH LABORATORY
LEFD STUDY OF EFFECTS OF GAS ADSORPTION ON THE NO 110
SURFACE
MULL, AMER. PHYS. SOC. 12, 248 1967
BY JACKSON A G
MOORE M P
DAR ACCESS NO.....207891-008
INSTR...F33615-07-C-1041
PROJECT.....7073

ARL 68-0220U
AEROSPACE RESEARCH LABORATORIES
A LEFD STUDY OF CO AND CO SUB 2 ADSORPTION ON NO 110
PRINTED FROM SURFACE SCIENCE 6 1967 297-308
BY JACKSON A G
MOORE M P
DAR ACCESS NO.....207891-010
INSTR...F33615-07-C-1041
PROJECT.....7023

ARL 68-0221U
SYSTEMS RESEARCH LABORATORIES INC
THE ELECTRICAL AND OPTICAL PROPERTIES OF REFRACTORY OXIDES
FINAL REPORT DECEMBER 1968
BY THOMP W C
HODINE E T
DAR ACCESS NO.....209161-005
INSTR...AF-33/615/02765
PROJECT.....7021

ARL 68-0222U
TECHNISCHE HOCHSCHULE
VISCOUS AND THERMAL BOUNDARY LAYERS IN INCOMPRESSIBLE
STEADY FLOWS ALONG LONGITUDINALLY CURVED SURFACES INCLUDING
BOUNDARY LAYER CONTROL
BY SCHULTE-GRUNOW F
HENSELER H J
DAR ACCESS NO.....207154-001
INSTR...F61052-08-C-0023
PROJECT.....7071

ARL 68-0223G
AEROSPACE RESEARCH LABORATORIES
FIFTIETH ANNIVERSARY VOLUME
BY HANFEL H L
AMMITEGE J V
BLANCH G
CLEMM D S
PATTIS H E
DAR ACCESS NO.....210230-020
INSTR...ARL-7071-00-08
PROJECT.....7071

ARL 68-0224V
AEROSPACE RESEARCH LABORATORIES
REPRESENTATION OF THE THREE-DIMENSIONAL ROTATION GROUP IN
TERMS OF DIRECTION AND ANGLE OF ROTATION
PUBLISHED IN JOURNAL OF MATHEMATICAL PHYSICS, NOV 1968
BY CANELLI M
DAR ACCESS NO.....210510-007
INSTR...ARL-7114-00-08
PROJECT.....7114

ARL 68-0225U
QUEEN'S UNIVERSITY OF BELFAST
RESEARCH NOTES - PLASMA DIFFUSION INTO A SIDE ARM
INT. J. ELECTRONICS, 1967, VOL 23, NO. 6, 587-590
BY EMFLEUS K G
DAR ACCESS NO.....211300-002
INSTR...AF-33/615-00-042-07
PROJECT.....7073

ARL 68-0226V
AEROSPACE RESEARCH LABORATORIES
INDEX OF REFRACTION OF ISO-PENTANE AND Mesitylene AS
FUNCTION OF PRESSURE
PUBL. J. CHEM. PHYS. 49, 2836 1968
BY LANGER D W
MONTALVO H A
DAR ACCESS NO.....210560-008
INSTR...ARL-7085-00-02
PROJECT.....7085

ARL 68-0227U
AEROSPACE RESEARCH LABORATORIES
MONTGOMERY MEASUREMENTS IN SOME PURE F2 TRANSITIONS
MULL AM PHYS SOC 11, 673 1968
BY MANTHONOTHEL J C
DAR ACCESS NO.....210430-032
INSTR...ARL-7112-00-07
PROJECT.....7112

ARL 68-0228V
AEROSPACE RESEARCH LABORATORIES
LOW-REYNOLDS NUMBER EFFECT OF GRAVITATIONAL PERTURBATION
PUBLISHED IN AIAA JOURNAL, VOL. 5, NO. 1, JAN. 1967, PP. 220-243
DAR ACCESS NO.210810-008
BY CARNELE M
INSTR.ARL-7118-00-00
PROJECT.7114

ARL 68-0229V
AEROSPACE RESEARCH LABORATORIES
EXCITED STATES OF HUND EXCITON COMPLEXES IN COS
PHYS. REV. VOL. 174, NO. 1, 15 OCTOBER 1968
DAR ACCESS NO.210580-028
BY HEYNOLDS D C
LITTON C W
COLLINS T C
INSTR.ARL-7085-00-00
PROJECT.7085

ARL 68-0230V
AEROSPACE RESEARCH LABORATORIES
OBSERVATION OF OSCILLATORY LIFE TIME IN COS
PHYSICA STATUS SOLIDI 24, 1 SEPT 1968
DAR ACCESS NO.210580-029
BY WEI D T Y
PENGCHINA C W
PARK Y S
INSTR.ARL-7085-00-00
PROJECT.7085

ARL 68-0231V
AEROSPACE RESEARCH LABORATORIES
OSCILLATORY PHASE OF PHOTOCONDUCTIVITY OF COS
PHYS. LETTERS 27A, 502, SEPTEMBER 1968
DAR ACCESS NO.210580-030
BY WEI D T Y
PENGCHINA C W
PARK Y S
INSTR.ARL-7085-00-00
PROJECT.7085

ARL 68-0232V
AEROSPACE RESEARCH LABORATORIES
MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING
ORDINARY EPR SPECTROMETERS
J. APPL. PHYS. 1 DECEMBER 1968
DAR ACCESS NO.210550-014
BY LOCKER D R
LOCK D C
INSTR.ARL-7085-00-01
PROJECT.7085

ARL 68-0233V
AEROSPACE RESEARCH LABORATORIES
THE EDGE EMISSION BANDS IN CADMIUM SULFIDE
J. APPL. PHYS. 1 DECEMBER 1968
DAR ACCESS NO.210550-020
BY KINGSTON D L
GREEN L C
CRIST L W
INSTR.ARL-7085-00-01
PROJECT.7085

ARL 68-0234V
AEROSPACE RESEARCH LABORATORIES
APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY
SAMPLES AT HIGH TEMPERATURES
PUBLISHED IN REV. SCI. INSTR. 38, 1089, 1967
DAR ACCESS NO.209990-030
BY TALLAN N W
LORD N Z
TANNHAUSEN D S
INSTR.ARL-7021-00-00
PROJECT.7021

ARL 68-0235V
AEROSPACE RESEARCH LABORATORIES
A DIFFERENTIAL THERMAL ANALYSIS SAMPLE HOLDER FOR USE TO
1700 DEGREES C
PUBLISHED IN CERAMIC AGE, 43, PP. 44-45, NOVEMBER 1967
DAR ACCESS NO.209990-031
BY RUM H
TALLAN N W
WYSONG E D
INSTR.ARL-7021-00-00
PROJECT.7021

ARL 68-0236V
WILKES COLLEGE
AN APPARATUS FOR THE MEASUREMENT OF INTERNAL FRICTION
VIEW OF SCIENTIFIC INSTRUMENTS, VOL. 39, NO. 11, 17-27-1968
DAR ACCESS NO.209431-005
BY OFFELIE D R
HELDIN S J
SOWA B A
BOMONOWICZ T J
HESLIN T W
INSTR.AF-33/615/01524
PROJECT.7071

ARL 68-0238V
AEROSPACE RESEARCH LABORATORIES
A PROOF THAT $2\gamma_2 = \gamma_1 + \gamma_2$ PLUS I
AMERICAN MATHEMATICAL MONTHLY, VOL. 75, NO. 5, MAY 1968, PP. 528-530
DAR ACCESS NO.210320-005
BY LEE J A
INSTR.ARL-7071-00-00
PROJECT.7071

ARL 68-0239V
AEROSPACE RESEARCH LABORATORIES
INTEGRAL EQUATION TREATMENT OF THE LINEARIZED THEORY OF
ELECTROSTATIC PLASMA OSCILLATIONS
THE PHYSICS OF FLUIDS, VOL. 11, NO. 4, APRIL 1968, PP. 918-932
DAR ACCESS NO.211330-019
BY LEE J A
INSTR.ARL-7071-00-00
PROJECT.7071

ARL 68-0240V
AEROSPACE RESEARCH LABORATORIES
PROCEDURES FOR THE TWO-POINT AND INTERVAL ESTIMATION OF THE TWO-
PARAMETER REGULAR AND EXTREME-VALUE DISTRIBUTIONS
TECHNOMETRICS 10, 231-255, MAY 1968
DAR ACCESS NO.209560-005
BY WARR N R
INSTR.AF-33/615/02818
PROJECT.7071

ARL 68-0241V
AEROSPACE RESEARCH LABORATORIES
COMMENTS ON TECHNIQUES APPLICABLE TO DETERMINATIONS OF
SPATIAL DISTRIBUTION OF INTENSITY AND CHROMATICITY
OPTIC JOURNAL OF SCIENCE, NOVEMBER, 1968
DAR ACCESS NO.210570-022
BY UNSCHMEL R L
GHEEL R K H
INSTR.ARL-7085-00-03
PROJECT.7085

ARL 68-0242V
AEROSPACE RESEARCH LABORATORIES
PROGRAMMES SEPARÉS PAR TRANSMISSION MULTIPLE
TOUTEL ELECTRONIQUE, REVUE MENSUELLE DE TECHNIQUE
ELECTRONIQUE ET APPLIQUEE, NOVEMBRE 1968
DAR ACCESS NO.210570-023
BY GHEEL R K H
PAQUES M
INSTR.ARL-7085-00-03
PROJECT.7085

ARL 68-0243V
NEW YORK UNIVERSITY
THEORY OF SYMMETRY CHANGE IN SECOND-ORDER PHASE TRANSITION
IN FLUORITE STRUCTURE
PHYS. REV. 167, 2, 524-532 10 MARCH 1968
DAR ACCESS NO.209062-001
BY GOLDBACH P E
HIMMAN J L
INSTR.F33615-00-C-1436
PROJECT.7085

ARL 68-0244V
LOCKHEED AIRCRAFT CORPORATION
ELECTRONIC STRUCTURE OF TETRAMORPHALLY-BONDED SEMICONDUCTORS
-- REFINEMENT OF FIRST-PRINCIPLES ENERGY BAND MODELS
PUBLISHED ACADEMIC PRESS, VOL. 8, 1968
DAR ACCESS NO.210761-001
BY HERMAN F
KORTUM W L
KUGELIN C D
SKILLMAN S
INSTR.F33615-07-C-1703
PROJECT.7085

ARL 68-0245V
AEROSPACE RESEARCH LABORATORIES
STORING LIGHT AND CURRENT IN CRYSTALS
ELECTRONICS VOL. 41, NO. 14, PP. 104, 1968
DAR ACCESS NO.210580-031
BY PARK Y S
LITTON C W
INSTR.ARL-7085-00-00
PROJECT.7085

ARL 68-0246V
AEROSPACE RESEARCH LABORATORIES
OSCILLATIONS IN EXCITON EMISSION IN THE EXCITATION SPECTRA
OF ZNSE AND COS
PHYS. REV. LETTERS 21, 748 1968
DAR ACCESS NO.210580-032
BY PARK Y S
SCHNEIDER J W
INSTR.ARL-7085-00-00
PROJECT.7085

ARL 68-0247V
LOCKHEED AIRCRAFT CORPORATION
SPECTRAL ANALYSIS OF PHOTOEMISSIVE TITLOS IN GaAs AND
RELATED CRYSTALS
PHYS. REV. LETTERS 21, 748 1968
DAR ACCESS NO.210761-002
BY HERMAN F
SPICER W E
INSTR.F33615-07-C-1703
PROJECT.7085

ARL 68-0248V
UNIVERSITY OF DAYTON
FAPPING MACHINE ATTACHMENT FOR PREPARING ORIENTED CRYSTALS
REV. SCI. INSTR. 39, 232 1968
DAR ACCESS NO.211020-009
BY JOHNSON D E
INSTR.F33615-07-C-1027
PROJECT.7085

ARL 68-0249V
AEROSPACE RESEARCH LABORATORIES
QUENCHING OF OSCILLATIONS IN PHOTOCONDUCTIVITY OF CDS
BULL. AM. PHYS. SOC. 13, 11, 1455 1968
OAR ACCESS NO.....210580-033

BY WEI T Y
PENGCHINA C M
PARK Y S
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 68-0250V
AEROSPACE RESEARCH LABORATORIES
EXCITON EMISSION INTENSITY OSCILLATIONS IN ZnSe AND CDS
BULL. AM. PHYS. SOC. 13, 11, 1417 1968
OAR ACCESS NO.....210580-034

BY PARK Y S
SCHNEIDER J S
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 68-0251V
AEROSPACE RESEARCH LABORATORIES
BROWNSTEIN ANGLE REFLECTION SPECTRUM FOR OPTICAL RESONANCES
BULL. AM. PHYS. SOC. 13, 11, 1414 1968
OAR ACCESS NO.....210580-021

BY FRALEY P E
HOUSE R A
INSTR...ARL-7885-00-01
PROJECT.....7885

ARL 68-0252V
AEROSPACE RESEARCH LABORATORIES
LATTICE PARAMETERS AND GROWTH CHARACTERISTICS OF SOME II-VI
SEMICONDUCTING COMPOUNDS
BULL. AM. PHYS. SOC. 13, 7, 959/1968
OAR ACCESS NO.....210580-035

BY GARCIA N C
SCHNEIDER J H
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 68-0253V
UNIVERSITY OF DAYTON
THERMAL CONDUCTIVITY MEASUREMENTS ON NYLON 6605 AND NYLON-
GREASE-COPPER BOUNDARIES
BULL. AM. PHYS. SOC. 13, 11, 1453 1968
OAR ACCESS NO.....211020-010

BY KREITMAN M
KOSIEWICZ J J
RUEDEFSHMEICH R J
INSTR...F33619-07-C-1027
PROJECT.....7885

ARL 68-0254V
AEROSPACE RESEARCH LABORATORIES
NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF
CADMIUM SULFIDE
BULL. AM. PHYS. SOC. 13, 7, 958 1968
OAR ACCESS NO.....210580-022

BY LAMMERS K M
WEPFER G G
LOOK O C
INSTR...ARL-7885-00-01
PROJECT.....7885

ARL 68-0255V
AEROSPACE RESEARCH LABORATORIES
NORMALIZED CUMULATIVE BLACKBODY FUNCTIONS, AND THEIR
APPLICATIONS IN THERMAL RADIATION CALCULATIONS
BULL. AM. PHYS. SOC., SERIES II, VOL. 13, NO. 7, P. 959,
JULY 1968.
OAR ACCESS NO.....210570-024

BY GEHEL R K H
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 68-0256V
AEROSPACE RESEARCH LABORATORIES
A COMPARISON OF THE CONVERSION EFFICIENCY OF NEAR-INFRARED
SENSITIVE PHOTOGRAPHIC FILMS WITH THAT OF STANDARD
INTERFERENCE, AND RED-SENSITIZED S-20 PHOTOCATHODES
BULL. AM. PHYS. SOC., SERIES II, VOL. 13, NO. 2, FEBRUARY
1968
OAR ACCESS NO.....210570-025

BY GEHEL R K H
HAYSLETT M R
MESTREHOT M R
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 68-0257V
AEROSPACE RESEARCH LABORATORIES
PROBABILISTIC ASPECT OF THE BASIC LIMITATIONS IN IMAGE
DETECTION.
BULL. AM. PHYS. SOC., SERIES II, VOL. 12, NO. 6, AUG. 1967,
P. 934.
OAR ACCESS NO.....210570-026

BY GEHEL R K H
INSTR...ARL-7885-00-01
PROJECT.....7885

ARL 68-0258V
AEROSPACE RESEARCH LABORATORIES
ANALYSIS OF SPECTROGRAPHIC PLATED IN SEMICONDUCTION RESEARCH
BY OPTO-ELECTRONIC PROCESSING
BULL. AM. PHYS. SOC., SERIES II, VOL. 12, NO. 2, FEB. 1967,
P. 213.
OAR ACCESS NO.....210570-027

BY UNSCHER H L
GEHEL R K H
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 68-0259V
AEROSPACE RESEARCH LABORATORIES
PHYSICAL ASPECTS AND PARAMETERS OF THE PHOTOGRAPHIC PHOLISS
AND THEIR IMPLICATIONS WITH RESPECT TO SENSITIVITY AND
RESOLUTION.
BULL. AM. PHYS. SOC., SERIES II, VOL. 12, NO. 2, FEB. 1967,
P. 213.
OAR ACCESS NO.....210570-028

BY GEHEL R K H
DURE G I
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 68-0260V
AEROSPACE RESEARCH LABORATORIES
PHOTOCATHODE-FILTON RESPONSE TABLES OBTAINED BY A NEW
METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL
DATA BY COMPUTER PROGRAMMING
BULL. AM. PHYS. SOC., SERIES II, VOL. 12, NO. 2, FEB. 1967, P.
213.
OAR ACCESS NO.....210570-029

BY DURE G I
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 68-0261V
AEROSPACE RESEARCH LABORATORIES
STUDY OF THE EFFECTS OF TEMPERATURE ON THE CHARACTERISTICS OF
SEMICONDUCTOR PHOTOCATHODES
BULL. AM. PHYS. SOC., SERIES II, VOL. 11, NO. 6, JUNE 1966,
P. 1017.
OAR ACCESS NO.....210570-030

BY GEHEL R K H
UNSCHE H L
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 68-0262V
AEROSPACE RESEARCH LABORATORIES
COMPARISONS OF OPTICAL RANGE AND PASSIVE OPTO-ELECTRONIC RANGE
FINDINGS
BULL. AM. PHYS. SOC., SERIES II, VOL. 11, NO. 6, JUNE 1966,
P. 1017.
OAR ACCESS NO.....210570-031

BY GEHEL R K H
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 68-0263V
AEROSPACE RESEARCH LABORATORIES
PHOTOCATHODE-FILTON RESPONSE TABLES OBTAINED BY A NEW
METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL
DATA BY COMPUTER PROGRAMMING
BULL. AM. PHYS. SOC., SERIES II, VOL. 12, NO. 2, FEB. 1967, P.
213.
OAR ACCESS NO.....210570-032

BY DURE G I
INSTR...ARL-7885-00-03
PROJECT.....7885

ARL 68-0264V
AEROSPACE RESEARCH LABORATORIES
INFRARED RANGE PHOTOGRAPHIC FILM AND A COMPARISON
OF THEIR SENSITIVITIES IN FILM AND IMAGE DETECTION
FILM UNDERSTANDING
BULL. AM. PHYS. SOC., SERIES II, VOL. 12, NO. 6, OCTOBER
1967, P. 1117.
OAR ACCESS NO.....210570-033

BY GEHEL R K H
WESTERHOF M H
INSTR...ARL-7885-00-01
PROJECT.....7885

ARL 68-0265V
AEROSPACE RESEARCH LABORATORIES
PHYSICAL ASPECTS OF PHOTOGRAPHIC FILM AND A COMPARISON
OF THEIR SENSITIVITIES IN FILM AND IMAGE DETECTION
FILM UNDERSTANDING
BULL. AM. PHYS. SOC., SERIES II, VOL. 12, NO. 6, OCTOBER
1967, P. 1117.
OAR ACCESS NO.....210570-034

BY GEHEL R K H
WESTERHOF M H
INSTR...ARL-7885-00-01
PROJECT.....7885

ARL 68-0266V
AEROSPACE RESEARCH LABORATORIES
PHYSICAL ASPECTS OF PHOTOGRAPHIC FILM AND A COMPARISON
OF THEIR SENSITIVITIES IN FILM AND IMAGE DETECTION
FILM UNDERSTANDING
BULL. AM. PHYS. SOC., SERIES II, VOL. 12, NO. 6, OCTOBER
1967, P. 1117.
OAR ACCESS NO.....210570-035

BY GEHEL R K H
WESTERHOF M H
INSTR...ARL-7885-00-01
PROJECT.....7885

ARL 68-0267V
AEROSPACE RESEARCH LABORATORIES
COMPUTERIZED GRAPHICAL DISPLAY OF DATA FOR VISUAL
EXAMINATION AND ANALYSIS IN PHYSICS RESEARCH,
BULL. AM. PHYS. SOC., SERIES 11, VOL. 12, NO. 2, FEB. 67, P.
244
OAR ACCESS NO.....210570-038
NY DUKE G L
INSTR...ARL-7071-00-03
PROJECT.....7885

ARL 68-0268W
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
THE HALL MODULITY OF NIO AT ELEVATED TEMPERATURES
PHYSICS LETTERS, VOLUME 24A, NUMBER 1, 1 JANUARY 1968
OAR ACCESS NO.....209290-011
BY TALLAN N H
TANHAUSER D S
INSTR...AF-61/052/00825
PROJECT.....7021

ARL 68-0269V
AEROSPACE RESEARCH LABORATORIES
TITANIUM ABUNDANCE IN THE SUN
ASTROPHYSICAL JOURNAL, VOL 152, JUN 68
OAR ACCESS NO.....210440-016
BY KRUEGER T K
ALLEY L M
NUSS J
CZYZAK S J
INSTR...ARL-7114-00-01
PROJECT.....7114

ARL 68-0270W
SYRACUSE UNIVERSITY
INVARIANT TRANSFORMATIONS AND NEWMAN-PENROSE CONSTANTS
JOURNAL OF MATHEMATICAL PHYSICS, VOLUME 9, NUMBER 11,
NOVEMBER 1967
OAR ACCESS NO.....209400-001
BY GOLDFERG J N
INSTR...AF-33/015/02238
PROJECT.....7114

ARL 68-0271W
U.S. AMERICAN AVIATION INC
OPTIMIZED DESIGNS OF FIVE RESOLUTION
TECHNICAL REPORT 10, 201-202, MAY 1968
OAR ACCESS NO.....209500-007
BY WEISS S W
INSTR...AF-33/015/02918
PROJECT.....7071

ARL 68-0272W
PURDUE RESEARCH FOUNDATION
ON THE PROPERTIES OF SUBSET SELECTION PROCEDURES
SANKHYA, VOL. 30, SER. A, 1968
OAR ACCESS NO.....207151-001
BY GUPTA S S
DEFEY J
INSTR...AF-31615-A7-C-1204
PROJECT.....7071

ARL 68-0273V
AEROSPACE RESEARCH LABORATORIES
UPPER AND LOWER BOUNDS FOR THE FREQUENCIES OF RECTANGULAR
CANTILEVER PLATES
ZAMM 47, PP 261-260.
OAR ACCESS NO.....211330-017
BY BAZLEY N W
FOR D W
STADLER J P
INSTR...ARL-7071-00-21
PROJECT.....7071

ARL 68-0274V
AEROSPACE RESEARCH LABORATORIES
LOWER BOUNDS FOR EIGENVALUES OF A QUADRATIC FORM RELATIVE
TO A POSITIVE QUADRATIC FORM
ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS, PP 345-406
OAR ACCESS NO.....211330-018
BY BAZLEY N W
HORSCH S
FOR D W
INSTR...ARL-7071-00-21
PROJECT.....7071

ARL 68-0275V
AEROSPACE RESEARCH LABORATORIES
SYMMETRIC DUALITY FOR VARIATIONAL PROBLEMS
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, VOL. 23,
NO. 1, JULY 1968, PP 161-172
OAR ACCESS NO.....210320-067
BY MOND J
HANSON M A
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-0276V
AEROSPACE RESEARCH LABORATORIES
DUALITY FOR CONTROL PROBLEMS
SIAM JOURNAL ON CONTROL, VOL. 6, NO. 1, 1968, PP 114-120
OAR ACCESS NO.....210320-068
BY MOND J
HANSON M A
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-0277V
AEROSPACE RESEARCH LABORATORIES
MAXIMUM-LIKELIHOOD ESTIMATION, FROM DOUBLY CENSORED SAMPLES
OF THE PARAMETERS OF THE FIRST ASYMPTOTIC DISTRIBUTION OF
EXTREME VALUES
JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION 63, SEP
1968
OAR ACCESS NO.....210280-039
BY MARTEN H L
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-0278V
AEROSPACE RESEARCH LABORATORIES
CONDITIONAL MAXIMUM LIKELIHOOD ESTIMATION, FROM SINGLY
CENSORED SAMPLES, OF THE SHAPE PARAMETERS OF PARETO AND
LIMITED DISTRIBUTIONS
TECHNOMETRICS 10, 349 - 350, MAY 1968
OAR ACCESS NO.....210280-040
BY MARTEN H L
MOORE A M
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-0279V
UNIVERSITY OF MOME
II CALCOLO DEGLI AUTOCALORI
VOLLETTINO DELLA UNIONE MATEMATICA ITALIANA 74,
VOL. 1, 1968
OAR ACCESS NO.....210771-001
BY FICHERA G
INSTR...AF-60AR-0020-68
PROJECT.....7071

ARL 68-0280V
AEROSPACE RESEARCH LABORATORIES
ON TAYLOR'S THEOREM
JOURNAL OF RESEARCH OF THE NATIONAL BUREAU OF STANDARDS 72B
5, 1968
OAR ACCESS NO.....210320-069
BY SMITH D
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-0281U
UNIVERSITE DE PARIS
PHOTON-PHONON INTERACTION IN THIN FILMS
OAR ACCESS NO.....209002-004
BY HALKANSKI M
LE TOLLEC R
INSTR...AF-60AR-0010-68
PROJECT.....7885

ARL 68-0282V
AEROSPACE RESEARCH LABORATORIES
TABLES FOR MOMENTS OF GAMMA ORDER STATISTICS
SANKHYA, VOL. 30, 1968
OAR ACCESS NO.....210270-038
BY KRISHNAIAH D R
BNEITER M C
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-0283V
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
SMOKE-TUBE MEASUREMENTS OF END-WALL RADIATIVE HEAT TRANSFER
IN AIR
AIAA JOURNAL, VOL. 6, NO. 9 SEPTEMBER 1968, PP 1741-1747
OAR ACCESS NO.....209270-001
BY GOLOBIC R A
NEWMAN M
INSTR...AF-33/015/02270
PROJECT.....7064

ARL 68-0284V
AEROSPACE RESEARCH LABORATORIES
AN APPROXIMATION TO A DEFINITE INTEGRAL
SIAM REVIEW, VOL. 10, NO. 2, APRIL 1968
OAR ACCESS NO.....210320-071
BY FETTS H E
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-0285W
AYCO EVERETT RESEARCH LABORATORY
EFFECTIVE UNIFORM LAW IN A PARTIALLY IONIZED PLASMA WITH
ELECTRON DENSITY FLUCTUATIONS
PHYSICS OF FLUIDS, VOL. 10, NO. 9, SEPT. 67 PP, 2062 - 2064
OAR ACCESS NO.....210050-005
BY LOUIS J F
INSTR...AF-33/015/02413
PROJECT.....7063

ARL 68-0286W
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
WIND-TUNNEL MEASUREMENT AT M INFLUENCE OF SOME STATIC AND
DYNAMIC AERO-DYNAMIC CHARACTERISTICS OF FINNED MISSILES
SUSPENDED MAGNETICALLY
J. SPACECRAFT, VOL. 5, NO. 7, JULY 1968, PP 838-842.
OAR ACCESS NO.....207191-007
BY COPELAND A D
COVENT F E
PETERSEN R A
INSTR...AF-33/015/01470
PROJECT.....7065

ARL 68-02878
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION
MOBILITY OF CHARGE CARRIERS IN RUSTITE
PUBLISHED IN PHYSICA 37, 547 1967
OAR ACCESS NO.....209290-017
BY BRANSKY I
TANHAUSEN D S
INSTH...AF-61/052/00825
PROJECT.....7071

ARL 68-0288V
AEROSPACE RESEARCH LABORATORIES
QUADRATIC PROGRAMMING IN COMPLEX SPACE
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, VOL 20,
NO. 3, DEC 1967 PP. 507-514.
OAR ACCESS NO.....210320-070
BY MOND B
HANSON M A
INSTH...ARL-7071-00-15
PROJECT.....7071

ARL 68-0289H
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ON THE USE OF IONIZATION LEVEL AS AN INDEPENDENT VARIABLE
FOR PLOTTING PLASMA TRANSPORT PROPERTIES
AIAA JOURNAL MARCH 1967 VOL.5, NO.3, PP. 600-601
OAR ACCESS NO.....209310-004
BY MALOJAN C W
COVERT F E
INSTH...AF-33/615/02790
PROJECT.....7065

ARL 68-0290W
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
DENSITY MEASUREMENTS WITH ELECTRON BEAMS
AIAA JOURNAL VOL.4, NO.9, SEPTEMBER 1966 PP. 1679-1680
OAR ACCESS NO.....207350-013
BY PETRIFF S L
INSTH...AF-33/657/11060
PROJECT.....7065

ARL 68-0291V
QUEEN'S UNIVERSITY
THE EFFECT OF NEGATIVE IONS ON DOUBLE SPACE-CHARGE SHEATHS
JOURNAL INT. J. ELECTRONICS, 1967 VOL. 22, 429-431
OAR ACCESS NO.....211300-004
BY HRESLIN A C
EMELIUS K G
INSTH...AF-EOAR-0042-67
PROJECT.....7071

ARL 68-0292V
QUEEN'S UNIVERSITY
ELECTRON-CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND
FARADAY DARK SPACE
JOURNAL ELECTRONICS LETTERS, VOL. 3, NO. 11, NOVEMBER 1967
OAR ACCESS NO.....211300-005
BY EMELIUS K G
WOLSEY G A
INSTH...AF-EOAR-0042-67
PROJECT.....7071

ARL 68-0293L
QUEEN'S UNIVERSITY
NOTE ON SECONDARY ELECTRONS IN THE NEGATIVE GLOW AND
FARADAY DARK SPACE
JOURNAL INT. J. ELECTRONICS, 1967 VOL. 22, 487-494
OAR ACCESS NO.....211300-006
BY GRIMLEY H M
EMELIUS K G
INSTH...AF-EOAR-0042-67
PROJECT.....7071

ARL 68-0294V
AEROSPACE RESEARCH LABORATORIES
SPECTROPHOTOMETRIC STUDIES OF GASOLIN NEBULAE VII: THE
IRREGULAR PLANETARY NEBULA NGC 2440
PUBLISHED IN ASTROPHYSICAL JOURNAL, VOL 151, JANUARY 1968
OAR ACCESS NO.....210440-017
BY ALLEN L H
CZYZAK S J
KALEN J D
INSTH...ARL-7114-00-01
PROJECT.....7114

ARL 68-0295V
AEROSPACE RESEARCH LABORATORIES
RADIATION EFFECTS ON THE EDGE EMISSION OF COS AND CUSE
BULL. AM. PHYS. SOC. 13, 3, JRO 1968
OAR ACCESS NO.....210550-026
BY FRALEY P E
KULP D A
INSTH...ARL-7885-00-01
PROJECT.....7885

ARL 68-0296V
AEROSPACE RESEARCH LABORATORIES
LINEAR COMPRESSIONS OF II-VI COMPOUND SINGLE CRYSTALS
BULL. AM. PHYS. SOC. 13, 3, JRO 1968
OAR ACCESS NO.....210440-017
BY MONTALVO H A
LANGIN C W
INSTH...ARL-7885-00-02
PROJECT.....7885

ARL 68-0297W
UNIVERSITY OF WISCONSIN
MELICON PROPAGATION IN HGSUBXDSUBI-XTC
BULL. AM. PHYS. SOC. 13, 1, 941 1968
OAR ACCESS NO.....209682-002
BY WILEY J D
DEXTER R H
INSTH...AF-33/615/08427
PROJECT.....7885

ARL 68-0298V
AEROSPACE RESEARCH LABORATORIES
RATH SPECTRA IN COS CRYSTALS
BULL. AM. PHYS. SOC. 13, 3, 405 1968
OAR ACCESS NO.....210680-063
BY PARK Y S
LITTON C W
REYNOLDS D C
INSTH...ARL-7885-00-04
PROJECT.....7885

ARL 68-0299V
AEROSPACE RESEARCH LABORATORIES
GREEN EDGE EMISSION BANDS IN UNOOPED CAD. SULFIDE
BULL. AM. PHYS. SOC. 12, 8, 1132 1967
OAR ACCESS NO.....210590-007
BY KINGSTON D L
GREENE L C
CHOFF L W
INSTH...ARL-7885-00-05
PROJECT.....7885

ARL 68-0300
AEROSPACE RESEARCH LABORATORIES
GREEN EDGE EMISSION BANDS IN CHLORINE-DOPED CADMIUM SULFIDE
BULL. AM. PHYS. SOC. 12, 8, 1132 1967
OAR ACCESS NO.....210590-008
BY GREENE L C
KINGSTON D L
CHOFF L W
INSTH...ARL-7885-00-05
PROJECT.....7885

ARL 68-0301V
AEROSPACE RESEARCH LABORATORIES
NMW RELAXATION MEASUREMENTS USING WAVEFORM BURSTS
APPLICATION TO COO
BULL. AM. PHYS. SOC. 13, 3, 475 1968
OAR ACCESS NO.....210550-027
BY LUK D C
LOCKER D H
INSTH...ARL-7885-00-01
PROJECT.....7885

ARL 68-0302V
AEROSPACE RESEARCH LABORATORIES
CONVERGENCE STUDY OF DPW BAND CALCULATIONS FOR WURTZITE AND
ZINC-BLENDE COTE AND ZNTE
BULL. AM. PHYS. SOC. 13, 4, 767 1968
OAR ACCESS NO.....210580-054
BY STUKEL D J
EUBANK H N
CILLINS T C
DEWITT J S
INSTH...ARL-7885-00-04
PROJECT.....7885

ARL 68-0303V
AEROSPACE RESEARCH LABORATORIES
CONVERGENCE STUDY OF DPW CALCULATIONS FOR WURTZITE AND
ZINC-BLENDE II-VI COMPOUNDS
BULL. AM. PHYS. SOC. 13, 3, 412 1968
OAR ACCESS NO.....210580-055
BY COLLINS T C
EUBANK H N
STUKEL D J
DEWITT J S
INSTH...ARL-7885-00-04
PROJECT.....7885

ARL 68-0304V
AEROSPACE RESEARCH LABORATORIES
EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM COS
PLATELETS
BULL. AM. PHYS. SOC. 13, 3, 405 1968
OAR ACCESS NO.....210580-056
BY REYNOLDS D C
EUBANK H N
COLLINS T C
INSTH...ARL-7885-00-04
PROJECT.....7885

ARL 68-0305V
AEROSPACE RESEARCH LABORATORIES
FINE STRUCTURE IN THE OPTICAL ABSORPTION EDGE OF ZN
SSUBXDSUBI-X SOLID SOLUTIONS
BULL. AM. PHYS. SOC. 13, 3, 453-454 1968
OAR ACCESS NO.....210680-057
BY SCHNEIDER H H
PARK Y S
REYNOLDS D C
INSTH...ARL-7885-00-04
PROJECT.....7885

ARL 68-0306V
AEROSPACE RESEARCH LABORATORIES
STRAIN-INDUCED SPLITTING OF EXCITON LINES IN WURTZITE TYPE
II-VI CRYSTALS
BULL. AM. PHYS. SOC. 13, 3, 406 1968
OAR ACCESS NO.....210580-018
BY LANGER D W
EUBANK H N
INSTH...ARL-7885-00-02
PROJECT.....7885

ARL 68-0307V
AEROSPACE RESEARCH LABORATORIES
HIGH PRESSURE HEAT EXCHANGER
INSTRUMENTS AND CONTROL SYSTEMS VOL. 41, PP. 84-90, OCTOBER 1968
BY BAUDEH V
DYR D E
OAR ACCESS NO.....211380-010
INSTR...ARL-7063-00-15
PROJECT.....7063

ARL 68-0308V
AEROSPACE RESEARCH LABORATORIES
GROUND STATE PARITY OF SUPER 227 AC
PUBLISHED IN NUCLEAR PHYSICS 115 1968 157-160
BY MENNECKE M J
OAR ACCESS NO.....210470-054
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-0309V
AEROSPACE RESEARCH LABORATORIES
LAMINAR FLOW ALONG A VERTICAL WALL
JOURNAL OF APPLIED MECHANICS, ASME, VOL 35, SERIES F, NO 4, DEC 68, PP. 631-632-634
BY HAUGEN H L
OAR ACCESS NO.....210100-002
INSTR...ARL-7065-00-04
PROJECT.....7065

ARL 68-0310
NORTH AMERICAN AVIATION INC
SATURATED SEQUENTIAL FACTORIAL DESIGNS
TECHNOMETRICS 10, 535-550, AUGUST 1968
BY WELLS S R
OAR ACCESS NO.....209560-008
INSTR...AF-33/615/02818
PROJECT.....7071

ARL 68-0311V
AEROSPACE RESEARCH LABORATORIES
DECAY OF NO SUPPER 147
BULL AM PHYS SOC 13, 626 1968
BY MANTHURUTHIL J C
MENNECKE M J
WILLIAMS M
DANLEIR E
OAR ACCESS NO.....210430-038
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-0312V
AEROSPACE RESEARCH LABORATORIES
DECAY OF CE SUPPER 143
BULL AM PHYS SOC 13, 626 1968
BY MANTHURUTHIL J C
COTHERN C R
KEPES J J
MENNECKE M J
OAR ACCESS NO.....210430-039
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-0313V
AEROSPACE RESEARCH LABORATORIES
INTERNAL CONVERSION ELECTRON STUDY OF THE DECAY OF RU
SUPPER 103
PHYSICAL REVIEW 165, 1363 1968
BY MANTHURUTHIL J C
MENNECKE M J
COTHERN C R
OAR ACCESS NO.....210430-040
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-0314V
AEROSPACE RESEARCH LABORATORIES
BLUNT CONE ROLL DAMPING DERIVATIVE
AIAA JOURNAL, NOVEMBER 4, 1968
BY QUINN B
OAR ACCESS NO.....211700-005
INSTR...ARL-7116-00-05
PROJECT.....7116

ARL 68-0315V
AEROSPACE RESEARCH LABORATORIES
OPTICAL DENSITY MEASUREMENTS IN A HIGH SPEED CONFINED
GASEOUS VORTIX
AIAA JOURNAL, JUNE 1968
BY CYRANATHY G
OAR ACCESS NO.....210540-023
INSTR...ARL-7116-00-03
PROJECT.....7116

ARL 68-0316V
AEROSPACE RESEARCH LABORATORIES
SUBSTITUENT EFFECTS IN THE OXIDATIVE OF ORGANOSILANES BY
OZONE
ADVANCES IN CHEMISTRY SERIES 77, 26-31 1968
BY AUSTIN J D
SPIALTER L
OAR ACCESS NO.....209720-041
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-0317V
AEROSPACE RESEARCH LABORATORIES
NEGATIVE ION IMPACT STUDIES
PROCEEDINGS OF THE SIXTEENTH ANNUAL CONFERENCE ON MASS
SPECTROMETRY AND ALLIED TOPICS, PITTSBURGH, PA., ASTM
COMMITTEE E-14 ON MASS SPECTROMETRY 1968
BY HUGHES J M
TIERNAN T D
OAR ACCESS NO.....209730-163
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0318V
SYSTEMS RESEARCH LABORATORY
TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED
MO 110 SURFACE FOR LOW PRIMARY ENERGIES
BULL. AMER. PHYS. SOC, 12, 844 1967
BY JACKSON A G
MUCKER M P
OAR ACCESS NO.....207891-011
INSTR...F33615-67-C-1041
PROJECT.....7023

ARL 68-0319V
AEROSPACE RESEARCH LABORATORIES
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN
HYDROCARBON FUELS
FROM INTERAGENCY CHEMICAL ROCKET PROPELLANT THERMOCHEMISTRY
WORKING GROUP SIXTH MEETING BULLETIN, VOL. 11, CP1A
PUBLICATION NO. 173, AUGUST 1968
BY MORRISON M E
SCHELLER K
OAR ACCESS NO.....211150-031
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-0320V
AEROSPACE RESEARCH LABORATORIES
INITIATION OF DETONATION BY INCIDENT SHOCK WAVES IN
HYDROGEN-OXYGEN-ARGON MIXTURES
FROM COMBUSTION AND FLAME, VOL. 12, NO. 5, PP. 436-442,
OCTOBER 1968
BY SKINNER C B
MUELLER G
GRIMM U
SCHELLER K
OAR ACCESS NO.....211150-032
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-0321V
AEROSPACE RESEARCH LABORATORIES
RARE-EARTH TRIMETHYLACETYLACETONATES AND RELATED
COMPOUNDS
J. INORG. NUCL. CHEM., VOL. 30, PP. 1275 TO 1289, PERGAMON
PRESS, 1968
BY RICHARDSON M F
WAGNER W F
SANDS D E
OAR ACCESS NO.....209700-108
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-0322V
AEROSPACE RESEARCH LABORATORIES
ANHYDROUS AND HYDRATED RARE EARTH ACETYLACETONATES AND
THEIR INFRARED SPECTRA
INORGANIC CHEMISTRY, VOL. 7, NO. 12, DECEMBER 1968
BY RICHARDSON M F
WAGNER W F
SANDS D E
OAR ACCESS NO.....209700-109
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-0323V
AEROSPACE RESEARCH LABORATORIES
IONIC CHEMISTRY OF KETCHES
SIXTEENTH ANNUAL CONFERENCE ON MASS SPECTROMETRY AND ALLIED
TOPICS, PITTSBURGH, PA., ASTM COMMITTEE E-14 ON MASS
SPECTROMETRY 1968
BY TENRY J O
TIERNAN T D
OAR ACCESS NO.....209730-144
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0324V
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS
REPRINTED FROM SCIENCE 162, 415-22 1968
BY FUTHILL J H
TIERNAN T D
OAR ACCESS NO.....209730-165
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0325V
THE SYSTEMS
EXCITED SINGLET ABSORPTION IN 1,2-DENZANTHRACENE BY THE USE
OF NANOMETER LASER PHOTOLYSIS AND SPECTROSCOPY
FROM SCIENCE 161, 1342-3 1968
BY NOVAK J R
WINDSON M W
OAR ACCESS NO.....210950-004
INSTR...AF-33/615/05331
PROJECT.....7023

ARL 68-0326V
AEROSPACE RESEARCH LABORATORIES
TRANSLATION ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE
REACTIONS
REPRINTED FROM PROCEEDINGS OF THE SIXTEENTH ANNUAL
CONFERENCE ON MASS SPECTROMETRY AND ALLIED TOPICS,
PITTSBURGH ASTN COMMITTEE F-14 ON MASS SPECTROMETRY 1968.
ON MASS SPECTROMETRY 1968.
DAR ACCESS NO.....209730-166
BY TIENHAN T H
HUGHES D H
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-0327V
AEROSPACE RESEARCH LABORATORIES
MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS
OF THE CYANOGEN-OXYGEN-BORON TRICHLORIDE FLAME SYSTEM
FIRST PYROTECHNIC SEMINAR, ROTH NO. 131, 1 OCT 68, U.S.
NAVAL AMMUNITION DEPOT, CHANE, INDIANA.
DAR ACCESS NO.....211120-033
BY FISCHER P L
SCHMELER K
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-0328W
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
DAS MESSEN HOCHSTER TEMPERATUREN THE MEASUREMENT OF
EXTREMELY HIGH TEMPERATURES
VEREIN DEUTSCHER INGENIEURE ZEITSCHRIFT VOL-2 VOL.11C,NO.28
,PP127-1233, OCTOBER 1968
DAR ACCESS NO.....211120-008
BY BAUFER U
POPP H D
INSTR...F33615-67-C-1754
PROJECT.....7063

ARL 68-0329V
AEROSPACE RESEARCH LABORATORIES
CHARGED DOUBLE PLION PRODUCTION IN PI PLUS P SCATTERING AT
910 MEV/C
PUBLISHED IN PHYSICAL REVIEW, VOL 150, NO. 5, PP 1331-1334,
25 JUN 1967
DAR ACCESS NO.....211260-004
BY HODGKINSON L
DELANEY R M
TILGER C A
HOIRICH C P
INSTR...ARL-7112-00-03
PROJECT.....7112

ARL 68-0330V
AEROSPACE RESEARCH LABORATORIES
TABLES OF COEFFICIENTS FOR ANGULAR CORRELATION OF RADIATIVE
TRANSITIONS FROM ALIGNED NUCLEI
NUCL INST AND METHODS 61, 328 1954
DAR ACCESS NO.....710420-055
BY WATSON D D
MADNIS G J
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-0331V
AEROSPACE RESEARCH LABORATORIES
APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY
SAMPLES AT HIGH TEMPERATURES
REV. SCI. INSTR. 38, 1954, 1967.
DAR ACCESS NO.....209990-033
BY TALLAN N W
LUDU N F
TANNHAUSER D S
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-0332V
AEROSPACE RESEARCH LABORATORIES
A DIFFERENTIAL THERMAL ANALYSIS SAMPLE MOLD FOR USE TO
1700 DEGREES C
CEMATIC AGE, 43, PP. 44-43, NOVEMBER 1967.
DAR ACCESS NO.....209990-034
BY DUN D
TALLAN N W
WYSING C D
INSTR...ARL-7021-00-09
PROJECT.....7021

ARL 68-0333W
STANFORD UNIVERSITY
GROWING WAVE AND INSTABILITY CRITERIA FOR HOT PLASMAS
PHYSICS LETTERS, VOL 24A, NO. 13, 10 JUN 67, NORTH-HOLLAND
PUBLISHING CO., AMSTERDAM
DAR ACCESS NO.....208551-004
BY DEFFLER M
INSTR...F33615-67-C-1284
PROJECT.....7073

ARL 68-0334W
BROWN UNIVERSITY
HEAT TRANSFER FROM A CIRCULAR CYLINDER BY ACOUSTIC
STREAMING
JOURNAL OF FLUID MECHANICS, VOL. 30, PART 2, PP.427-455
1967
DAR ACCESS NO.....207542-006
BY REICHARDSON P D
INSTR...F33615-67-C-1754
PROJECT.....7063

ARL 68-0335V
AEROSPACE RESEARCH LABORATORIES
CONSISTENCY OF CURRENT COMMUTATORS
NUCLEAR PHYSICS, VOLUME 83 1967 NO. 1, 1 JULY 1967
DAR ACCESS NO.....210510-009
BY GOLDBERG I
MARK F
INSTR...ARL-7114-00-08
PROJECT.....7114

ARL 68-0336W
STANFORD UNIVERSITY
GROWING WAVE AND INSTABILITY CRITERIA FOR HOT PLASMAS
PHYSICS LETTERS, NORTH HOLLAND PUBLISHING CO., AMSTERDAM.
VOL. 24A, NO. 13, 10 JUNE 1967
DAR ACCESS NO.....208551-005
BY DEFFLER M
INSTR...F33615-67-C-1284
PROJECT.....7073

ARL 68-0337W
STANFORD UNIVERSITY
ELECTROSTATIC RELAXATION WAVES IN AN ISOTHERMIC LORENTZ GAS
PHYSICS OF FLUIDS VOL. 10 NO. 8, AUG 1967
DAR ACCESS NO.....208551-006
BY DEFFLER M
INSTR...F33615-67-C-1284
PROJECT.....7073

ARL 68-0338W
STANFORD UNIVERSITY
THERM OF PLASMA TRANSDUCANCE DUE TO LANDAU WAVES
JOURNAL OF APPLIED PHYSICS, VOL. 38 NO. 13, PP 5005-5013,
DEC 1967
DAR ACCESS NO.....208551-007
BY DEFFLER M
SIMONEN T C
INSTR...F33615-67-C-1284
PROJECT.....7073

ARL 68-0339W
UNIVERSITY OF MINNESOTA
TRANSFORMATION CODING OF A CONSTRICTED ELECTRIC-ARC HEATER
AIAA JOURNAL, VOL. 5, NO. 4, PP. 699-704, APRIL 1967
DAR ACCESS NO.....207560-006
BY ANDERSON J E
ECKERT C M G
INSTR...AF-33/657/07380
PROJECT.....7063

ARL 68-0340W
STANFORD UNIVERSITY
EXPERIMENTAL VERIFICATION OF LANDAU WAVES IN AN ISOTHERMIC
ELECTRON PLASMA
JOURNAL OF APPLIED PHYSICS, VOL. 38, NO. 13, PP 5014-5020,
DECEMBER 1967
DAR ACCESS NO.....208551-008
BY DEFFLER M
SIMONEN T C
INSTR...F33615-67-C-1284
PROJECT.....7073

ARL 68-0341W
TECHNISCHE HOCHSCHULE MUNCHEN
WATERIAL FUNCTIONS OF ARC PLASMAS FROM CHARACTERISTIC
MEASUREMENTS
ZEITSCHRIFT FUR PHYSIK 181, PP 317-330, JUNE 1964
DAR ACCESS NO.....209480-005
BY ALFONSONINTERDE-GARCIA
INSTR...AF-61/052/00649
PROJECT.....7063

ARL 68-0342W
TECHNISCHE HOCHSCHULE MUNCHEN
IMPROVEMENT OF THE HIGH POWER CASCADE ARC CHAMBER
ZEITSCHRIFT FUR ANGEWANDTE PHYSIK 23 (AND. 6, HEFT. 1967
PAGES 450 - 458
DAR ACCESS NO.....209480-001
BY HACKER H
STREININGER S
INSTR...F61052-67-C-0081
PROJECT.....7063

ARL 68-0343W
TECHNISCHE HOCHSCHULE MUNCHEN
A CASCADE ARC CHAMBER FOR VERY HIGH POWERS
ZEITSCHRIFT FUR ANGEWANDTE PHYSIK, 15, PP 440-441, MARCH
1963
DAR ACCESS NO.....209480-006
BY HACKER H
STREININGER S
UNHAR M
INSTR...AF-61/052/00649
PROJECT.....7063

ARL 68-0344V
AEROSPACE RESEARCH LABORATORIES
GAIN-FRICTION MEASUREMENTS IN STRONG INTERACTION
AIAA J., VOL. 6, NO. 11, NOVEMBER 1968.
DAR ACCESS NO.....209400-025
BY SMITH A C
FLETTIG A
INSTR...ARL-7064-00-06
PROJECT.....7064

ARL 68-0345V
AEROSPACE RESEARCH LABORATORIES
NONLINEAR LEAST SQUARES METHODS. A DIRECT GRID SEARCH
APPROACH.
JOURNAL OF CHEMICAL EDUCATION 45, 728-730 1968.
DAR ACCESS NO.....209650-070
BY HECSEY J G
BERKE L
CALLAN J R
INSTH...AHL-7023-00-02
PROJECT.....7023

ARL 68-0346V
AEROSPACE RESEARCH LABORATORIES
OPTICALLY ACTIVE SILANES AND THEIR REACTIONS- THE
PERHYDROQUINOLYL-L-NAPHTHYL-PHENYLSILYL SYSTEM
JOURNAL OF ORGANOMETALLIC CHEMISTRY 14,
309-315/1968
DAR ACCESS NO.....209720-06P
BY BUILL C M
SPIALTER I
AUSTIN J D
INSTH...AHL-7023-00-04
PROJECT.....7023

ARL 68-0347V
AEROSPACE RESEARCH LABORATORIES
A CLASS OF CONTINUOUS CONVEX PROGRAMMING PROBLEMS
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, VOL 22,
NO. 2 MAY 1968, PP. 427-437.
DAR ACCESS NO.....210320-072
BY MOND U
MANSON M A
INSTH...AHL-7021-00-15
PROJECT.....7021

ARL 68-0348V
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A
HIGHLY COOLED TURBULENT BOUNDARY LAYER
AIAA JOURNAL, VOL 1, 6, NO. 10, OCTOBER 1968, PP. 1914-
1918
DAR ACCESS NO.....209270-002
BY HOPKINS K A
NEDELMAN M
INSTH...AF-33/615/02220
PROJECT.....7066

ARL 68-0349V
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
EQUILIBRIUM AIR STAGNATION POINT BOUNDARY-LAYER
CALCULATIONS USING A VARIABLE HEAT OF DISSOCIATION MODEL
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, VOL 11,
1968, PP. 699-707
DAR ACCESS NO.....209270-003
BY CARLSON L A
NEDELMAN M
INSTH...AF-33/615/02220
PROJECT.....7064

ARL 68-0350V
AEROSPACE RESEARCH LABORATORIES
AN APPROACH TO DARBOUX-STIEFEL'S INTEGRATION
AMERICAN MATHEMATICAL MONTHLY, VOL 72, NO. 8, PP 891-897,
OCTOBER 1965.
DAR ACCESS NO.....210310-026
BY SHISHA O
INSTH...AHL-7021-00-14
PROJECT.....7021

ARL 68-0351V
UNIVERSITY OF LOUVAIN
EXPERIMENTAL DETERMINATION OF THE RATE OF CHEMI-IONIZATION
PROCESSES
FROM COMBUSTION AND FLAME, VOL. 12, NO. 4, PP. 294-395,
1968
DAR ACCESS NO.....209700-001
BY DEETERS J
VAN TIGHELEN A
INSTH...AF-33/615/02220
PROJECT.....7023

ARL 68-0352V
AEROSPACE RESEARCH LABORATORIES
MONOTONE APPROXIMATION
PACIFIC JOURNAL OF MATHEMATICS, VOL 15, NO 2, PP 667-671,
1965
DAR ACCESS NO.....210710-025
BY SHISHA O
INSTH...AHL-7021-00-14
PROJECT.....7021

ARL 68-0353V
STATE UNIVERSITY OF NEW YORK
ENHANCED RADIATIVE HEAT TRANSFER IN NON-GRAY GASES
INT. J. HEAT MASS TRANSFER, VOL. 10, PP. 1521-1532, 1967
DAR ACCESS NO.....209600-003
BY CESS R O
MIGMOLL P
TIRANI S A
INSTH...AF-33/615/03104
PROJECT.....7063

ARL 68-0354V
TECHNISCHEN HOCHSCHULE MUNCHEN
ENERGY TRANSPORT BY RADIATION WITH ABSORPTION IN CYLINDRICAL
ARCS
ZEITSCHRIFT FUR PHYSIK 216, PP. 33 - 51 1968
DAR ACCESS NO.....209481-002
BY HEHMANN W
INSTH...F61052-67-C-0081
PROJECT.....7063

ARL 68-1000E
PRINCETON UNIVERSITY
PAPER PRESENTED AT THE AIAA 6TH AEROSPACE SCIENCES MEETING,
22-24 JAN 1968, NEW YORK, NEW YORK.
DAR ACCESS NO.....209632-001
BY JUSS W W
VAS I E
BUGUCHOFF S M
INSTH...F33615-67-C-1065
PROJECT.....7064

ARL 68-1000H
PRINCETON UNIVERSITY
STUDIES OF THE LEADING EDGE EFFECT ON THE RAREFIED
HYPERSONIC FLOW OVER A FLAT PLATE
PAPER PRESENTED AT AIAA 6TH AEROSPACE SCIENCES MEETING, NEW
YORK, 22-24 JAN 1968.
DAR ACCESS NO.....209532-002
BY JUSS W W
VAS I E
HOGDONOFF S M
INSTH...F33615-67-C-1066
PROJECT.....7064

ARL 68-1001D
CONNELL AERONAUTICAL LABORATORY
LEADING-EDGE UNLITNESS AND BOUNDARY-LAYER DISPLACEMENT
EFFECTS ON ATTACHED AND SEPARATED LAMINAR BOUNDARY LAYERS
IN A COMPRESSION CORNER
PAPER PRESENTED AT THE AIAA 6TH AEROSPACE SCIENCES MEETING,
22-24 JAN 1968, NEW YORK, NEW YORK.
DAR ACCESS NO.....207402-001
BY MOLODEN M S
INSTH...F33615-67-C-1294
PROJECT.....7064

ARL 68-1002A
AEROSPACE RESEARCH LABORATORIES
ELECTRIC ARCS IN TRANSVERSE MAGNETIC FIELDS
IEEE WINTER POWER MEETING, NEW YORK, N.Y., 31 JAN 68/
DAR ACCESS NO.....211380-005
BY SCHRADE M U
INSTH...ARL-7063-00-13
PROJECT.....7063

ARL 68-1003L
AEROSPACE RESEARCH LABORATORIES
MAGNETOFLUID DYNAMICS, 19TH CENTURY PROPHECY
PRESENTED AT THE AFIT AUDITORIUM FOR THE HIGH SCHOOL HONOR
SEMINARS OF METROPOLITAN DAYTON
DAR ACCESS NO.....211680-002
BY CRAMER K R
INSTH...ARL-7063-00-16
PROJECT.....7063

ARL 68-1004A
AEROSPACE RESEARCH LABORATORIES
BATA-DIKETONE COMPOUNDS OF THE LANTHANIDES
PRESENTED AT UNIVERSITY OF HOUSTON, HOUSTON, TEXAS, 12 JAN
68.
DAR ACCESS NO.....209700-040
BY SHINGEN C S JR
INSTH...ARL-7023-00-07
PROJECT.....7023

ARL 68-1005A
AEROSPACE RESEARCH LABORATORIES
MAGNETOFLUID DYNAMICS, 19TH CENTURY PROPHECY
PRESENTED AT RICE UNIVERSITY, HOUSTON, TEXAS, 9 JAN 68.
DAR ACCESS NO.....209700-041
BY SPRINGER C S JR
INSTH...ARL-7023-00-07
PROJECT.....7023

ARL 68-1006A
AEROSPACE RESEARCH LABORATORIES
SOLUTION OF THE CLASSICAL POINT SOURCE EXPLOSION PROBLEM ON
THE IBM 1620 AND 7094
DAR ACCESS NO.....211770-001
BY GOMESH J W
CASLIN J C
INSTH...ARL-7065-00-20
PROJECT.....7065

ARL 68-1007A
AEROSPACE RESEARCH LABORATORIES
NUMERICAL EVALUATION OF TEMPERATURE PROFILES AND INTERFACE
POSITION IN FILAMENTS UNDERGOING SOLIDIFICATION
PRESENTED AT THE AILCMABE MEETING HELD IN ST. LOUIS,
MISSOURI, 18-21 FEB 68.
DAN ACCESS NO.....211150-010
BY MORRISON M E
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-1008A
AEROSPACE RESEARCH LABORATORIES
APPLICATION OF GAS CHROMATOGRAPHY TO METAL ANALYSES
PRESENTED AT GAS CHROMATOGRAPHY WORKSHOP, MPLO AT MONTANTO
RESEARCH COMPHATON, DAYTON, OHIO, 18 MAR 68.
DAN ACCESS NO.....209700-042
BY EISENTRAUT R J
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1009A
AEROSPACE RESEARCH LABORATORIES
VOLATILE METAL COMPOUNDS
PRESENTED TO THE DAYTON HIGH SCHOOL HONORS SEMINAR,
WRIGHT-PATTERSON AFB, OHIO, 29 FEB 68.
DAN ACCESS NO.....209700-043
BY SPHINGER C S JR
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1010A
AEROSPACE RESEARCH LABORATORIES
ADVANCES IN MOLECULAR BIOLOGY AND PREDICTIONS FOR 2000 A.D.
PRESENTED AT THE HILLER ACADEMY OF DAYTON, OHIO, 22 FEB 68.
DAN ACCESS NO.....209720-024
BY SPALTER L
INSTR...ARL-7023-00-04
PROJECT.....7023

ARL 68-1011A
AEROSPACE RESEARCH LABORATORIES
THE ROLE OF LITERATURE, THEORY AND PREDICTIONS IN CHEMISTRY
PRESENTED AT THE DAYTON HONORS SEMINAR, ARL AUDITORIUM, W-P
AFB, OHIO, 1 FEB 68.
DAN ACCESS NO.....209720-025
BY SPALTER L
INSTR...ARL-7023-00-04
PROJECT.....7023

ARL 68-1012A
AEROSPACE RESEARCH LABORATORIES
THE ROLE OF APPARATUS AND EQUIPMENT IN CHEMISTRY
PRESENTED AT THE DAYTON HONORS SEMINAR, ARL AUDITORIUM, W-P
AFB, OHIO, 25 JAN 68.
DAN ACCESS NO.....209720-026
BY SPALTER L
INSTR...ARL-7023-00-04
PROJECT.....7023

ARL 68-1013A
AEROSPACE RESEARCH LABORATORIES
THE ROLE OF ENGLISH, LANGUAGES AND SYMBOLS IN CHEMISTRY
PRESENTED AT THE DAYTON HONORS SEMINAR, ARL AUDITORIUM, W-P
AFB, OHIO, 11 JAN 68.
DAN ACCESS NO.....209720-027
BY SPALTER L
INSTR...ARL-7023-00-04
PROJECT.....7023

ARL 68-1014A
AEROSPACE RESEARCH LABORATORIES
THE ROLE OF LOGIC AND MATHEMATICS IN CHEMISTRY
PRESENTED AT THE DAYTON HONORS SEMINAR, ARL AUDITORIUM, W-P
AFB, OHIO, 19 JAN 68.
DAN ACCESS NO.....209720-028
BY SPALTER L
INSTR...ARL-7023-00-04
PROJECT.....7023

ARL 68-1015H
VON KARMAN INSTITUTE FOR FLUID DYNAMICS
HIGH SPEED CASCADE TESTING AND ITS APPLICATION TO AXIAL
FLOW SUPERSONIC COMPRESSORS
PAPER PRESENTED AT 11TH ANNUAL INTERNATIONAL GAS TURBINE
CONFERENCE AMERICAN SOCIETY OF MECHANICAL ENGINEERS,
DAN ACCESS NO.....211040-001
BY HREUD-LWANS F
INSTR...F33015-07-C-001H
PROJECT.....7065

ARL 68-1015A
AEROSPACE RESEARCH LABORATORIES
SPACE AND TIME ASYMMETRY IN PARTICLE PHYSICS
PAPER PRESENTED AT UD DEPT OF PHYSICS COLLOQUIUM
DAN ACCESS NO.....211060-012
BY ROBINSON C P
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1017A
AEROSPACE RESEARCH LABORATORY ES
A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM
THERMOLUMINESCENT OR CONDUCTIVITY /GLOW CURVES/.
DAN ACCESS NO.....210650-003
BY LAND P L
INSTR...ARL-7021-00-12
PROJECT.....7021

ARL 68-1018H
INSTITUTE OF ENERGY CONVERSION AND ELECTRIC PROPULSION
DVL RESEARCH EFFORTS IN THE FIELD OF PLASMA ACCELERATION
LECTURE PRESENTED AT ARL IN ARL CONFERENCE ROOM /8 APRIL
DAN ACCESS NO.....211360-006
BY WICHMANN H G
INSTR...ARL-7003-00-13
PROJECT.....7063

ARL 68-1019H
AVCO CORPORATION
ELECTRIC CURRENT DISTRIBUTION IN AN MPO ACCELERATOR
PRESENTED AT 9TH SYMPOSIUM ON ENGINEERING ASPECTS OF MPO,
TULLAHOMA, TENN, /3 APRIL 68/ ABSTRACT PUBLISHED IN
PROCEEDINGS.
DAN ACCESS NO.....200201-002
BY MALLIARIAS A C
INSTR...F33015-07-C-1209
PROJECT.....7063

ARL 68-1020H
AVCO-EVERETT RESEARCH LABORATORY
STUDIES ON AN INERT GAS DISK HALL GENERATOR WITH AN
UPSTREAM PRE-IONIZING DISCHARGE
PRESENTED AT 9TH SYMPOSIUM ON ENGINEERING ASPECTS OF MPO,
TULLAHOMA, TENN, /4 APRIL 68/ ABSTRACT PUBLISHED IN
PROCEEDINGS
DAN ACCESS NO.....210650-002
BY LOUIS J F
INSTR...AF-33/615/03413
PROJECT.....7063

ARL 68-1021H
AVCO-EVERETT RESEARCH LABORATORY
THE DISK GENERATOR
PRESENTED AT 9TH SYMPOSIUM ON ENGINEERING ASPECTS OF MPO,
TULLAHOMA, TENNESSEE /4 APRIL 68/ ABSTRACT PUBLISHED IN
PROCEEDINGS
DAN ACCESS NO.....210650-003
BY LOUIS J F
INSTR...AF-33/615/03413
PROJECT.....7063

ARL 68-1022H
GENERAL DYNAMICS/CONVAIR
ELECTRIC ARC ATTACHMENT, HEAT TRANSFER, AND ELECTRODE
PROSION OF HIGH CURRENT ARCS DRIVEN MAGNETICALLY OVER METAL
ELECTRODES
PRESENTED AT 9TH SYMPOSIUM ON ENGINEERING ASPECTS OF MPO,
TULLAHOMA, TENNESSEE, /3 APR 68/ ABSTRACT PUBLISHED IN
PROCEEDINGS.
DAN ACCESS NO.....211100-001
BY DETHLEFSEN R
ROMAN W C
INSTR...F33015-07-C-1306
PROJECT.....7063

ARL 68-1023H
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
HIGH PRESSURE ARGON ARCS
PRESENTED AT UNIVERSITY OF TEXAS PLASMA PHYSICS
DAN ACCESS NO.....207571-006
BY UWE DAUER
INSTR...AF-33/615/01915
PROJECT.....7063

ARL 68-1024H
ELECTRO-OPTICAL SYSTEMS INC
HIGH POWER ELECTRIC PROPULSION ENGINES
PRESENTED AT 5TH SYMPOSIUM ON ADVANCED PROPULSION CONCEPTS,
CHICAGO, ILL, /10 APRIL 68/
DAN ACCESS NO.....211470-001
BY CANN G L
INSTR...F33015-07-C-1413
PROJECT.....7063

ARL 68-1025H
ON: SHIM-I PAI
MODERN ASPECTS OF RADIATION MAGNETOHDYNAMICS
13AS NO. 408 MARCH 1967
DAN ACCESS NO.....210650-004
BY SHIM-I PAI
INSTR...AF-33/615/03468
PROJECT.....7063

ARL 68-1026M
DR. SHIM-I PAI
RADIATION MAGNETOGASDYNAMICS
PRESENTED AT DVL INSTITUTE FOR THEORETICAL GASDYNAMICS,
AACHEN, GERMANY /21 AUG 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-005
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1035M
DR. SHIM-I PAI
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
PRESENTED AT INDIA INSTITUTE OF TECHNOLOGY, MADRAS, INDIA
/13-14 FEB 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-014
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1027M
DR. SHIM-I PAI
MULTIFLUID THEORY OF MGO
PRESENTED AT INSTITUTE FOR THEORETICAL PHYSICS, UNIV. OF
INNSBRUCK, INNSBRUCK, AUSTRIA /24 JULY 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-006
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1036M
DR. SHIM-I PAI
WAVE PROPAGATIONS IN A PLASMA
PRESENTED AT TATA INSTITUTE OF FUNDAMENTAL RESEARCH, BOMBAY/
INDIA /20 FEB 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-015
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1028M
DR. SHIM-I PAI
FLOW PROBLEMS OF MGO
PRESENTED AT DEPT. OF PHYSICS, UNIV. OF GRAZ, GRAZ, AUSTRIA
/29 MAY 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-007
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1037M
DR. SHIM-I PAI
SCVE FLOW PROBLEMS OF MGO
PRESENTED AT INDIA INSTITUTE OF TECHNOLOGY, DEPT. OF MATH,
NEW DELHI, INDIA, /7-9 FEB 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-016
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1029M
DR. SHIM-I PAI
MULTIFLUID THEORY OF MAGNETOGASDYNAMICS
PRESENTED AT INTERNATIONAL SYMPOSIUM ON MGO FLUID
MACHINERY, TECH. UNIV., KARLSRUHE, GERMANY /26 APRIL 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-005
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1038M
DR. SHIM-I PAI
MAGNETOGASDYNAMICS AND RADIATION GASDYNAMICS
SERIES OF /TWO/ LECTURES PRESENTED AT INDIA INST. OF TECH.,
DELHI, DEPT. OF MATH, KHARAGPUR, INDIA /2-4 FEB 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-017
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1030R
DR. SHIM-I PAI
QUASI-ONE DIMENSIONAL MAGNETOGASDYNAMICS
PRESENTED AT INTERNATIONAL SYMPOSIUM ON MGO ELECTRICAL
POWER GENERATION, SALZBURG, AUSTRIA /4-M JULY 66/
BY SHIM-I PAI
DAR ACCESS NO.....210850-009
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1039M
DR. SHIM-I PAI
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
PRESENTED AT AGRA COLLEGE, DEPT OF MATH, AGRA, INDIA /10
FEB 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-018
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1031M
DR. SHIM-I PAI
MAGNETOGASDYNAMICS
SERIES OF LECTURES AS VISITING PROFESSOR AT INST. FOR FLUID
DYNAMICS, TECHNICAL UNIVERSITY, VIENNA, AUSTRIA, /1 MAR -
14 AUG 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-010
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1040M
INSTITUT FUR TECHNISCHE PHYSIK
RESEARCH AT THE NUCLEAR RESEARCH CENTER /KFA/ IN JULICH
GERMANY
LECTURE PRESENTED AT ARL IN ARL CONFERENCE ROOM /16 APRIL
1968/
BY KOLLIG
DAR ACCESS NO.....211680-003
INSTR...ARL-7063-00-16
PROJECT.....7063

ARL 68-1032M
DR. SHIM-I PAI
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
PRESENTED AT INDIA INSTITUTE OF TECHNOLOGY, DEPT. OF MATH,
BOMBAY, INDIA /21-22 FEB 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-011
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1041A
ATMOSPHERE RESEARCH LABORATORIES
IONIC PROCESSES IN CYCLOPENTANE
PRESENTED AT THE 15TH NATIONAL MEETING OF THE AMERICAN
CHEMICAL SOCIETY, SAN FRANCISCO, CALIF., 31 MAR - 5 APR 68/
BY HUGHES R M
HUNTER W L
TIERNAN T O
DAR ACCESS NO.....209730-059
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1033M
DR. SHIM-I PAI
RADIATION MAGNETOGASDYNAMICS
SERIES OF /TWO/ LECTURES PRESENTED AT INAS TOKYO, UNIV., 21 SEP
66 - 28 JAN 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-012
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1042A
ATMOSPHERE RESEARCH LABORATORIES
HYDROGEN ION TRANSFER REACTIONS IN HYDROCARBON SYSTEMS
PRESENTED AT THE 15TH NATIONAL MEETING OF THE AMERICAN
CHEMICAL SOCIETY, SAN FRANCISCO, CALIFORNIA, 31 MAR - 5
APR 68/
BY TIERNAN T O
DAR ACCESS NO.....209730-060
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1034M
DR. SHIM-I PAI
MAGNETOGASDYNAMICS AND RADIATION GASDYNAMICS
SERIES OF /TWO/ LECTURES PRESENTED AT INDIA INSTITUTE OF
TECHNOLOGY, DEPT. OF APPLIED MATH, BANGALORE, INDIA /15-16
FEB 67/
BY SHIM-I PAI
DAR ACCESS NO.....210850-013
INSTR...AF-33/615/03968
PROJECT.....7063

ARL 68-1043A
ATMOSPHERE RESEARCH LABORATORIES
THE FUTURE OF TRACE METAL ANALYSIS BY GAS CHROMATOGRAPHY
PRESENTED AT HEWLETT-PACKARD, AVONDALE, PENNSYLVANIA, 22
MAR 68/
BY STEVENS H E
DAR ACCESS NO.....209700-044
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1044A
AEROSPACE RESEARCH LABORATORIES
METAL MICROANALYSIS BY GAS CHROMATOGRAPHY
PRESENTED AT THE AMERICAN MICROCHEMICAL SOCIETY MEETING IN
NEW YORK, NEW YORK, 21 MAR 68.
BY SIEVERS H E
OAR ACCESS NO.....209700-048
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1045A
AEROSPACE RESEARCH LABORATORIES
COMBUSTION OF BORON, MAGNESIUM, AND ALUMINUM SUSPENSIONS IN
HYDROCARBON FUELS
PRESENTED AT INTRAGENCY CHEMICAL ROCKET PROPULSION
THERMOCHEMISTRY WORKING GROUP SYMPOSIUM, HUNTINGTON BEACH,
CALIFORNIA, 25-27 MARCH 1968.
BY MORRISON M E
SCHELLER K
OAR ACCESS NO.....211150-011
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-1046N
AEROSPACE RESEARCH LABORATORIES
STEREO CHEMISTRY OF SELECTED COMPLEXES OF FIRST ROW
TRANSITION ELEMENTS
FROM UNIVERSITY OF WASHINGTON, SEATTLE, WASHINGTON, 18
MARCH 1968.
BY MOSE N I
OAR ACCESS NO.....209700-046
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1047N
AEROSPACE RESEARCH LABORATORIES
UNIMOLECULAR DECOMPOSITION OF POSITIVE IONS
FROM DEPARTMENT OF CHEMISTRY, THE UNIVERSITY, SHEFFIELD 10,
ENGLAND, 26 MARCH 1968.
BY JENNINGS K
OAR ACCESS NO.....209730-061
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1048A
AEROSPACE RESEARCH LABORATORIES
FLOW VISUALIZATION USING GLOW DISCHARGE AT HYPERSONIC MACH
NUMBERS
ASSOCIATION, 22-23 APR 68, AT US NAVAL ORDONANCE LAB, WHITE
OAK, SILVER SPRING, MARYLAND.
BY DAUM F L
PRIATRG E G
OAR ACCESS NO.....211780-001
INSTR...ARL-7065-00-21
PROJECT.....7065

ARL 68-1049C
AEROSPACE RESEARCH LABORATORIES
A SIGNIFICANT ADVANCE IN THE STUDY OF ION-MOLECULE
REACTIONS
OAR RESEARCH REVIEW, VOLUME VII, NUMBER 1, JANUARY 1968.
BY TIERNAN T O
OAR ACCESS NO.....209730-062
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1050A
AEROSPACE RESEARCH LABORATORIES
THERMOGRAVIMETRIC ANALYSES AND VAPOR PHASE SEPARATIONS OF
VOLATILE METAL COMPLEXES
PRESENTED AT OHIO VALLEY SECTION, SOCIETY FOR APPLIED
SPECTROSCOPY, DAYTON, OHIO, 16 APR 68.
BY EISENHAUT K
OAR ACCESS NO.....209700-047
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1051A
AEROSPACE RESEARCH LABORATORIES
DISPERSIVE AND NONDISPERSIVE X-RAY FLUORESCENCE METHODS FOR
THE DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE AND
RELATED COMPOUNDS
PRESENTED AT 17TH NATIONAL MEETING OF SOCIETY FOR APPLIED
SPECTROSCOPY, CHICAGO, ILL., 13-17 MAY 68.
BY CHAN F L
OAR ACCESS NO.....209700-049
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1052A
AEROSPACE RESEARCH LABORATORIES
NEGATIVE ION IMPACT STUDIES
PRESENTED AT 16TH ANNUAL CONFERENCE ON MASS SPECTROMETRY
AND ALLIED TOPICS, PITTSBURGH, PA., 12-17 MAY 68.
BY HUGHES P M
TIERNAN T O
OAR ACCESS NO.....209730-063
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1053A
AEROSPACE RESEARCH LABORATORIES
TRANSLATIONAL ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE
REACTIONS
PRESENTED AT 16TH ANNUAL CONFERENCE ON MASS SPECTROMETRY
AND ALLIED TOPICS, PITTSBURGH, PA., 12-17 MAY 68.
BY TIERNAN T O
HUGHES P M
OAR ACCESS NO.....209730-064
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1054A
AEROSPACE RESEARCH LABORATORIES
IONIC CHEMISTRY OF KETONES
PRESENTED AT 16TH ANNUAL CONFERENCE ON MASS SPECTROMETRY
AND ALLIED TOPICS, PITTSBURGH, PA., 12-17 MAY 68.
BY FERRY J O
TIERNAN T O
OAR ACCESS NO.....209730-065
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1055L
AEROSPACE RESEARCH LABORATORIES
OPTICAL PROPERTIES OF HIGH ENERGY GAP II-VI COMPOUNDS
LECTURE AT THE UNIVERSITY OF CINCINNATI, APRIL 1968
BY REYNOLDS O C
OAR ACCESS NO.....210580-020
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 68-1056W
PRINCETON UNIVERSITY
STABILITY OF IONIC AND PARTIALLY IONIC SURFACES
LECTURE GIVEN AT ARL, 4 MARCH 1968
BY MARK H
OAR ACCESS NO.....209520-023
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 68-1057M
MAX-PLANCK GESELLSCHAFT
ELECTROLUMINESCENCE IN II-VI COMPOUNDS
LECTURE GIVEN AT ARL, 13 MAY 68
BY GUMMICH H E
OAR ACCESS NO.....209520-024
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 68-1058M
TOKYO UNIVERSITY
ELECTRONIC STRUCTURE AND OPTICAL PROPERTIES OF MIXED
CRYSTALS
LECTURE GIVEN AT ARL, 17 MAY 68
BY TOYAZAWA Y
OAR ACCESS NO.....209520-025
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 68-1059M
PUNJAB UNIVERSITY
THEORY OF EXCITON-IMPURITY COMPLEXES
LECTURE GIVEN AT ARL, 8 MARCH 1968
BY TOYAZAWA Y
OAR ACCESS NO.....209520-026
INSTR...AF-33/615/02272
PROJECT.....7885

ARL 68-1060L
AEROSPACE RESEARCH LABORATORIES
CRYSTAL GROWTH AND OPTICAL PROPERTIES OF II-VI MATERIALS
LECTURE - RCA LABORATORIES, PRINCETON, N.J., 11 JAN 68
BY REYNOLDS O C
OAR ACCESS NO.....210580-021
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 68-1061A
AEROSPACE RESEARCH LABORATORIES
LASING TRANSITIONS IN II-VI COMPOUND SEMICONDUCTORS
PRESENTED AT THE KOREAN PHYSICAL SOCIETY MEETING, SEOUL,
KOREA, APRIL 1968
BY PARK Y S
OAR ACCESS NO.....210580-022
INSTR...ARL-7885-00-04
PROJECT.....7885

ARL 68-1062B
STANFORD UNIVERSITY
EXPERIMENTAL VERIFICATION OF LANDAU DISPERSION RELATION
ATM INTERNATIONAL CONFERENCE ON IONIZATION PHENOMENA IN
GASES, PROCEEDINGS PAPER NO. 4-3-1-B, P. 335, AUGUST 1967
BY DERFLER M
SIMONEN T C
OAR ACCESS NO.....208551-001
INSTR...F33815-67-C-1284
PROJECT.....7073

ARL 68-1003H
STANDARD UNIVERSITY
LANDAU WAVES
A SURVEY OF PHENOMENA IN IONIZED GASES, INTERNATIONAL
ATOMIC ENERGY AGENCY, VIENNA, AUSTRIA
BY DEPLEYER H
DAR ACCESS NO.....209581-002
INST.....F31613-07-C-1790
PROJECT.....7023

ARL 68-1004A
AEROSPACE RESEARCH LABORATORIES
A CRITICAL REVIEW OF THE GAS CHROMATOGRAPHY OF METAL
CHLORIDES
COLLOQUIUM AT TUHINGEN UNIVERSITY, TUHINGEN, GERMANY, 5
JULY 1969.
BY STEVENS H E
DAR ACCESS NO.....209700-073
INST.....ARL-7023-00-37
PROJECT.....7023

ARL 68-1005A
AEROSPACE RESEARCH LABORATORIES
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE TITANIUM
SURFACE
PRESENTED AT EIGHTH INTERNATIONAL MATERIALS SYMPOSIUM HELD
AT UNIVERSITY OF CALIFORNIA, SAN FRANCISCO, 19-21 JUN 68.
BY HANSEN T W
DAR ACCESS NO.....209650-013
INST.....ARL-7023-00-02
PROJECT.....7023

ARL 68-1006A
AEROSPACE RESEARCH LABORATORIES
THE INTERRELATION BETWEEN THE Si-H STRETCHING FREQUENCY
AND SUR Si-H STRETCHING REACTIVITY IN THE OZONE-HYDROGEN
REACTION
PRESENTED AT SECOND INTERNATIONAL SYMPOSIUM ON THE
CHEMISTRY OF ORGANOSILICON COMPOUNDS, HELD IN BORDEAUX,
FRANCE, 9-12 JULY 1969.
BY SPALTER L
SWANSON R A
DAR ACCESS NO.....209720-046
INST.....ARL-7023-00-04
PROJECT.....7023

ARL 68-1007A
AEROSPACE RESEARCH LABORATORIES
THE ADDITION OF CYANOGEN REAGENTS TO VINYL SILANES
PRESENTED AT 2ND INTERNATIONAL SYMPOSIUM ON THE CHEMISTRY
OF ORGANOSILICON COMPOUNDS, HELD IN BORDEAUX, FRANCE, 9-12
JULY 1969.
BY RUFFEL G W
SPALTER L
DAR ACCESS NO.....209720-045
INST.....ARL-7023-00-04
PROJECT.....7023

ARL 68-1008A
AEROSPACE RESEARCH LABORATORIES
RECENT ADVANCES IN THE PHOTOCHEMISTRY OF AZO ALKANES
PRESENTED AT OHIO STATE UNIVERSITY, COLUMBUS, OHIO, 21 JUNE
68.
BY TEMMY J D
DAR ACCESS NO.....209730-085
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 68-1009A
UNIVERSITY OF FLORIDA
RADIATION CHEMISTRY OF PERFLUOROCARBONS
PRESENTED IN AMI CONFERENCE ROOM, WRIGHT-PATTERSON AFB,
OHIO, MONDAY, 27 MAY 1968 AT 1800 HOURS.
BY MARCOTTE H F
DAR ACCESS NO.....209730-086
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 68-1010A
UNIVERSITY OF MARYLAND
RECENT PROGRESS IN PERCHLOROCARBON RESEARCH
PRESENTED IN AMI AUDITORIUM, WRIGHT-PATTERSON AFB, OHIO,
TUESDAY, 21 MAY 1968 AT 2000 HRS.
BY HALLSTEIN M
DAR ACCESS NO.....209772-001
INST.....F31027-00-C-1043
PROJECT.....7023

ARL 68-1011A
UNIVERSITY OF MARYLAND
RECENT PROGRESS IN PERCHLOROCARBON RESEARCH
PRESENTED IN AMI AUDITORIUM, WRIGHT-PATTERSON AFB, OHIO,
TUESDAY, 21 MAY 1968 AT 1800 HRS.
BY HALLSTEIN M
DAR ACCESS NO.....209772-002
INST.....F31027-00-C-1043
PROJECT.....7023

ARL 68-1012A
AEROSPACE RESEARCH LABORATORIES
TRANSPORT PROPERTIES OF GASES
SEMINAR PRESENTED AT AFIT, WRIGHT-PATTERSON AFB, OHIO, 28
MAY 1969.
BY SCHELLER K
DAR ACCESS NO.....211150-015
INST.....ARL-7023-00-11
PROJECT.....7023

ARL 68-1013A
AEROSPACE RESEARCH LABORATORIES
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BROMINE SUSPENSIONS IN
HYDROCARBON FLAMES
PRESENTED AT ICHMP THERMOCHEMISTRY WORKING GROUP, DOUGLAS
ADVANCED RESEARCH LABORATORY, HUNTINGTON BEACH, CALIFORNIA,
25-27 MARCH 1968.
BY MORRISON M F
SCHELLER K
DAR ACCESS NO.....211150-015
INST.....ARL-7023-00-11
PROJECT.....7023

ARL 68-1014A
AEROSPACE RESEARCH LABORATORIES
A STUDY OF THE PREMIXED FLAME OF CYANOGEN-OXYGEN-BROMINE
TRIMIXTURE AS A LUMINOUS SOURCE
PRESENTED AT 1968 SPRING MEETING OF WESTERN STATES SECTION/
THE COMBUSTION INSTITUTE, UNIVERSITY OF SOUTHERN CALIFORNIA,
LOS ANGELES, 29-30 APR 68.
BY TISCHER H L
SCHELLER K
DAR ACCESS NO.....211150-017
INST.....ARL-7023-00-11
PROJECT.....7023

ARL 68-1015A
AEROSPACE RESEARCH LABORATORIES
METAL ANALYSIS BY GAS CHROMATOGRAPHY USING FLUOROCARBON-
CONTAINING META-DIRETONATE CHLORIDES
PRESENTED AT THE AMERICAN CHEMICAL SOCIETY NATIONAL MEETING
IN SAN FRANCISCO, CALIFORNIA, 1-5 APR 68.
BY STEVENS H E
CONNOLLY J W
HILTON A
SCHWABER J C
RICHARDSON M F
DAR ACCESS NO.....209700-078
INST.....ARL-7023-00-07
PROJECT.....7023

ARL 68-1016A
AEROSPACE RESEARCH LABORATORIES
FORMATION STUDIES IN GASEOUS NON-CARBON CONTAINING SYSTEMS
PRESENTED AT 4TH AFOSM COMBUSTION CONTRACTORS MEETING ON
COMBUSTION DYNAMICS RESEARCH, MADRID, SPAIN, 7-12 JULY 1968
BY SCHELLER K
GRIMM U
MULLER G W
DAR ACCESS NO.....211150-018
INST.....ARL-7023-00-11
PROJECT.....7023

ARL 68-1017A
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC
ENERGY TO A GAS
LECTURE PRESENTED AT ARL BY DR. CHARLES W. HALLERMAN, 27
JUNE 1969.
BY HALDEMAN C W
DAR ACCESS NO.....209510-003
INST.....AF-33/615/02790
PROJECT.....7065

ARL 68-1018A
AEROSPACE RESEARCH LABORATORIES
MODERN COMPUTER SYSTEMS AND THEIR APPLICATIONS TO A
RESEARCH LABORATORY
FROM INFORMATION SYSTEMS GROUP, RADIATION RESEARCH
ASSOCIATES, METHSRA, MARYLAND, 31 JAN 68.
BY GARNETT C
DAR ACCESS NO.....209772-086
INST.....ARL-7023-00-09
PROJECT.....7023

ARL 68-1019A
AEROSPACE RESEARCH LABORATORIES
STRUCTURAL CHEMISTRY OF TRANSITION METAL COMPLEXES
FROM DEPARTMENT OF CHEMISTRY, CORNELL UNIVERSITY, ITHACA,
NEW YORK, 25 APR 68.
BY FAY H C
DAR ACCESS NO.....209700-084
INST.....ARL-7023-00-07
PROJECT.....7023

ARL 68-1020A
AEROSPACE RESEARCH LABORATORIES
IONIC REACTIONS IN ETHYL CYANIDE
PRESENTED AT INTERNATIONAL CONFERENCE ON RADIATION
CHEMISTRY, ARGONNE NATIONAL LABORATORY, 12-15 AUGUST 1968.
BY TITMAN T C
HUGHES H M
DAR ACCESS NO.....209730-109
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 68-10814
AEROSPACE RESEARCH LABORATORIES
LA EXTRADIMENSIONAL QUIMICA DE LOS COMPUESTOS
ORGANOSILICICOS
PRESENTED AT CENTRO DE INVESTIGACION Y DESARROLLO,
PATRONATO JUAN DE LA CLERVA UNIV-BSIT
SPAIN, 23 JULY 1969.
BY SPITALTEN L
OAM ACCESS NO.....209770-047
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-10822
AEROSPACE RESEARCH LABORATORIES
MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS
OF THE CYANOGEN-DRYGEM-HOHON TRICHLORIDE PLANE SYSTEM
PRESENTED AT PYROTECHNICS SEMINAR, HANNOY LUOP, ESTES
PARK, COLORADO, 12-16 AUG 69.
BY TISCHER R L
SCHELLER K
OAM ACCESS NO.....P11150-021
INSTR...ARL-7023-10-11
PROJECT.....7023

ARL 68-1083N
AEROSPACE RESEARCH LABORATORIES
SILICON SUOXIDES
PRESENTED TO OWENS ILLINOIS CO. PERSONNEL, TOLEDO, OHIO, 29
AUG 68.
BY SPITALTEN L
OAM ACCESS NO.....209720-048
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1084N
AEROSPACE RESEARCH LABORATORIES
METAL ANALYSIS BY GAS CHROMATOGRAPHY
17TH ANNUAL DENVER X-RAY CONFERENCE, APPLICATIONS OF X-RAY
ANALYTICAL SECTION 11 NOVEMBER 1968
BY SIEVERS R E
CARPENTER J Y
OAM ACCESS NO.....209700-048
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1085Y
NORTHEASTERN UNIVERSITY
IS NEWTONIAN PHYSICS THE ASYMPTOTIC LIMIT OF GENERAL
RELATIVITY
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM, WPAFB, OHIO
BY ARNOWITZ H
OAM ACCESS NO.....208711-001
INSTR...AF-33/615/03623
PROJECT.....7114

ARL 68-1086N
AEROSPACE RESEARCH LABORATORIES
RECENT STUDIES OF GASEOUS ION REACTIONS
FROM LASH MILLER CHEMICAL LABORATORIES, UNIVERSITY OF
TORONTO, TORONTO 5, ONTARIO, CANADA, 22 AUG 68.
BY HARRISON A G
OAM ACCESS NO.....209730-110
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1087N
AEROSPACE RESEARCH LABORATORIES
THE STRUCTURE OF ELECTROLYTE SOLUTIONS IN HYDROGEN BUNDED
SOLVENTS
FROM DEPARTMENT OF CHEMISTRY, CASE WESTERN RESERVE
UNIVERSITY, CLEVELAND, OHIO, 26 APR 68.
BY EVANS D F
OAM ACCESS NO.....209650-014
INSTR...ARL-7023-00-02
PROJECT.....7023

ARL 68-1088N
CINCINNATI UNIV RESEARCH FOUNDATION
INFERENCES OF DYNAMICAL MOTIONS OF THE UKJ SATELLITE VIA
OPTICAL TECHNIQUES
BY BENT R H
OAM ACCESS NO.....209520-077
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1089N
CINCINNATI UNIV RESEARCH FOUNDATION
MACHS PRINCIPLE AND GENERAL RELATIVITY
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM, WPAFB,
OHIO
BY COMEN J
OAM ACCESS NO.....209520-026
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1090N
CINCINNATI UNIV RESEARCH FOUNDATION
O P M METHOD OF CALCULATING ENERGY BANDS FOR SEMI-
CONDUCTORS
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
BY COLLINS T C
OAM ACCESS NO.....209520-029
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1091N
CINCINNATI UNIV RESEARCH FOUNDATION
HIGHEN MODES IN COLLECTIVE NUCLEI
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM,
BY DAVIDSON J P
OAM ACCESS NO.....209520-030
INSTR...AF-33/615/02272
PROJECT.....7112

ARL 68-1092N
CINCINNATI UNIV RESEARCH FOUNDATION
INTERNAL CONVERSION ELECTRON SPECTROSCOPY
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
BY GEIGER J
OAM ACCESS NO.....209520-031
INSTR...AF-33/615/02272
PROJECT.....7112

ARL 68-1093N
CINCINNATI UNIV RESEARCH FOUNDATION
GAUGE INDEPENDENT QUANTUM ELECTRODYNAMICS
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
BY GULDNERG I
OAM ACCESS NO.....209520-032
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1094N
CINCINNATI UNIV RESEARCH FOUNDATION
NUCLEAR SPECTROSCOPY BY P O REACTION
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
BY KASHY E
OAM ACCESS NO.....209520-033
INSTR...AF-33/615/02272
PROJECT.....7112

ARL 68-1095N
CINCINNATI UNIV RESEARCH FOUNDATION
YANG-HILLS FIELD
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
BY LONS H
OAM ACCESS NO.....209520-034
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1096N
CINCINNATI UNIV RESEARCH FOUNDATION
POSITION OPERATORS AND LOCALIZABILITY OF QUANTUM SYSTEMS
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM, WPAFB OHIO
BY MALIN S
OAM ACCESS NO.....209520-035
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1097N
CINCINNATI UNIV RESEARCH FOUNDATION
SPIN PROPULSION OF LARGE FLEXIBLE SATELLITES BY THE SOLAR
RADIATION FIELD
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM, WPAFB, OHIO
BY WAR J
OAM ACCESS NO.....209520-036
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1098N
CINCINNATI UNIV RESEARCH FOUNDATION
ENERGY-MOMENTUM CONSERVATION & EINSTEIN'S FIELD EQUATIONS
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM, WPAFB, OHIO
BY PEREIRA C
OAM ACCESS NO.....209520-037
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1099N
CINCINNATI UNIV RESEARCH FOUNDATION
RECENT STUDIES ON O16
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAFB OHIO
BY PURSER K
OAM ACCESS NO.....209520-038
INSTR...AF-33/615/02272
PROJECT.....7112

ARL 68-1100N
CINCINNATI UNIV RESEARCH FOUNDATION
COMPOSITE MODELS OF MADONNS AND HIGH ENERGY SCATTERING
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAPR OHIO
DAR ACCESS NO.....209520-039
BY RAN M
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1101H
CINCINNATI UNIV RESEARCH FOUNDATION
ELECTROSTATIC PLASMA CONTAINMENT
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAPR OHIO
DAR ACCESS NO.....209520-040
BY HASOR M
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1102N
CINCINNATI UNIV RESEARCH FOUNDATION
SOLAR PHYSICS RESEARCH AT OBSERVATORIO ASTROFISICO DE
ARCETRI
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAPR OHIO
DAR ACCESS NO.....209520-041
BY RIGHINI G
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1103N
CINCINNATI UNIV RESEARCH FOUNDATION
QUANTUM MECHANICS AND SOURCES
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAPR OHIO
DAR ACCESS NO.....209520-042
BY RUSSO M
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1104N
CINCINNATI UNIV RESEARCH FOUNDATION
GRAVITATION THEORY AND RECENT EXPERIMENTS
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAPR OHIO
DAR ACCESS NO.....209520-043
BY WEBER J
INSTR...AF-33/615/02272
PROJECT.....7114

ARL 68-1105N
CINCINNATI UNIV RESEARCH FOUNDATION
PARTICLE HOLE STATES IN CLOSED SHELL NUCLEI
GENERAL PHYSICS RESEARCH LABORATORY COLLOQUIUM WPAPR OHIO
DAR ACCESS NO.....209520-044
BY WEITKAMP W
INSTR...AF-33/615/02272
PROJECT.....7112

ARL 68-1106A
AFROSPACE RESEARCH LABORATORIES
INVESTIGATION OF THE LEeward SIDE OF A DELTA WING AT
HYPERSONIC SPEEDS
PAPER PRESENTED AT AIAA FLUID AND PLASMA DYNAMICS
CONFERENCE, LOS ANGELES, CALIFORNIA, 24-26 JUNE 1968
DAR ACCESS NO.....209910-018
BY HANKEV W L
CHROSS E J JR
INSTR...ARL-7064-00-07
PROJECT.....7064

ARL 68-1107A
AEROSPACE RESEARCH LABORATORIES
THE HYPERSONIC SLIPPER LIFTING--A TEST TRACK PROBLEM
PAPER PRESENTED AT AIAA FLUID AND PLASMA DYNAMICS
CONFERENCE, LOS ANGELES, CALIFORNIA, 24-26 JUNE 1968
DAR ACCESS NO.....209900-021
BY KONKEE R H
BRIGGS M A
INSTR...ARL-7064-00-04
PROJECT.....7064

ARL 68-1108B
OHIO STATE UNIV. RESEARCH FOUNDATION
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS
BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS
PAPER PRESENTED AT AIAA 3RD AERODYNAMIC TESTING CONFERENCE,
SAN FRANCISCO, CALIF., APRIL 8-10, 1968.
DAR ACCESS NO.....207351-001
BY GREGOREK C M
LEE J D
INSTR...FJ3615-68-C-1270
PROJECT.....7065

ARL 68-1109H
PRINCETON UNIVERSITY
THE FLOW UPSTREAM OF A BLUNT BODY IN HYPERSONIC FLOW FROM
CONTINUUM TO NEARLY FREE MOLECULE CONDITIONS
PAPER PRESENTED AT SIXTH INTERNATIONAL RAREFIED GAS
DYNAMICS SYMPOSIUM, M.I.T., 22-26 JUL 68, CAMBRIDGE, MASS.
DAR ACCESS NO.....209532-003
BY ANHOUSE D R
HARRIUP P J
INSTR...FJ3615-67-C-1065
PROJECT.....7064

ARL 68-1110B
PRINCETON UNIVERSITY
AN INVESTIGATION OF HYPERSONIC AERODYNAMICS AT HIGH
ALTITUDES
DAR APPLICATIONS CONFERENCE, 21 MAY 68, /PAPER PRESENTED/
VOL. 1, DAR 68-702.
DAR ACCESS NO.....209632-004
BY UGODONOFF S M
INSTR...FJ3615-67-C-1065
PROJECT.....7064

ARL 68-1111H
PRINCETON UNIVERSITY
EFFECT OF BODY INCLINATION ON THE MERGING OF A HYPERSONIC
LOW DENSITY FLOW OVER SHARP TWO-DIMENSIONAL LINEAR BODIES
PAPER PRESENTED AT SIXTH INTERNATIONAL RAREFIED GAS
DYNAMICS SYMPOSIUM, M.I.T., 22-26 JUL 68, CAMBRIDGE, MASS.
DAR ACCESS NO.....209632-005
BY VAS I E
IACAVAZZI C
CARLUZAGNO G
BOGDONOFF S M
INSTR...FJ3615-67-C-1065
PROJECT.....7064

ARL 68-1112B
PRINCETON UNIVERSITY
A DETAILED STUDY OF THE FLOW AROUND THE LEADING EDGE OF A
FLAT PLATE IN HYPERSONIC LOW DENSITY FLOW
PAPER PRESENTED AT SIXTH INTERNATIONAL RAREFIED GAS
DYNAMICS SYMPOSIUM, M.I.T., 22-26 JUL 68, CAMBRIDGE, MASS.
DAR ACCESS NO.....209632-006
BY JUSS W W
HOGDONOFF S M
INSTR...FJ3615-67-C-1065
PROJECT.....7064

ARL 68-1113B
PRINCETON UNIVERSITY
A STUDY OF MERGING ON CONES
PAPER PRESENTED AT SIXTH INTERNATIONAL RAREFIED GAS
DYNAMICS SYMPOSIUM, M.I.T., 22-26 JUL 68, CAMBRIDGE, MASS.
DAR ACCESS NO.....209632-007
BY FEIK R A
GENCHI A
VAS I E
INSTR...FJ3615-67-C-1065
PROJECT.....7064

ARL 68-1114B
PRINCETON UNIVERSITY
ABSOLUTE DETERMINATION OF FLOW PARAMETERS IN A LOW DENSITY
HYPERSONIC TUNNEL, PART I: ELECTRON BEAM STUDIES OF
TEMPERATURE AND DENSITY
PAPER PRESENTED AT SIXTH INTERNATIONAL RAREFIED GAS
DYNAMICS SYMPOSIUM, M.I.T., 22-26 JUL 68, CAMBRIDGE, MASS.
DAR ACCESS NO.....209632-008
BY HARBUR P J
INSTR...FJ3615-67-C-1065
PROJECT.....7064

ARL 68-1115B
NEW YORK UNIVERSITY
AN INVESTIGATION OF THREE-DIMENSIONAL JET CONTROL
INTERACTION ON A CONICAL BODY
PAPER PRESENTED AT AGARD SPECIALISTS MEETING HELD IN LONDON
ENGLAND, 1-3 MAY 1968.
DAR ACCESS NO.....209301-002
BY ZAKKAY V
ERDOS J
CALANESE W
INSTR...FJ3615-68-C-1184
PROJECT.....7064

ARL 68-1116C
AEROSPACE RESEARCH LABORATORIES
ELIMINATION OF BOUNDARY-LAYER SEPARATION BY SLOT SUCTION
CAN RESEARCH REVIEW, VOL. VII, NO. 2, FEB 1968.
DAR ACCESS NO.....209900-022
BY DALL K C W
INSTR...ARL-7064-00-06
PROJECT.....7064

ARL 68-1117C
AEROSPACE RESEARCH LABORATORIES
RESEARCH ON HYPERSONIC STABILITY DERIVATIVES IN PITCH FOR
BLUNTED SLENDER CONES
DAR RESEARCH REVIEW, VOL. II, NO. 2, FEB 1968.
DAR ACCESS NO.....209550-010
BY WALCHNER O
INSTR...ARL-7064-00-01
PROJECT.....7064

ARL 68-1118B
NEW YORK UNIVERSITY
ANALYSIS OF FLUID DYNAMICS OF SUPERSONIC COMBUSTION PROCESS
CONTROLLED BY MIXING
PAPER PRESENTED AT 12TH INTERNATIONAL SYMPOSIUM ON
COMBUSTION HELD IN POITIERS, FRANCE, 14-20 JULY 1968.
DAR ACCESS NO.....209301-003
BY FERMI A
FUX M
INSTR...FJ3615-68-C-1184
PROJECT.....7064

ARL 68-1119A
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN ALKYL HALIDES II. METHYL AND
ETHYL IODIDES
GREAT LAKES REGIONAL MEETING OF THE AMERICAN
CHEMICAL SOCIETY, MILWAUKEE, WISCONSIN, JUN 14, 1968
DAN ACCESS NO.....209730-12P
BY TIERNAN T O
PHATTACHANTY A K
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 68-1120L
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS IN NORMAL ALKANES. HYDROIC ION
TRANSFER
SEMINAR, UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH, APRIL 8,
1968
DAN ACCESS NO.....209730-12P
BY TIERNAN T O
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 68-1121L
CHEMISTRY RESEARCH LABORATORY
IONIC REACTIONS IN THE RADIOLYSIS OF ETHYL CHLORIDE
LECTURE PRESENTED AT DOW CHEMICAL COMPANY, MIDLAND,
MICHIGAN, JAN 11, 1968
DAN ACCESS NO.....209730-12P
BY HUGHES H M
TIERNAN T O
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 68-1122G
CHEMISTRY RESEARCH LABORATORY
IONIC REACTIONS IN ETHYL CHLORIDE
ADVANCES IN CHEMISTRY SERIES, 42, RADIATION CHEMISTRY II,
AMERICAN CHEMICAL SOCIETY, WASHINGTON, D. C., 1P 412-440
1968
DAN ACCESS NO.....209730-130
BY TIERNAN T O
HUGHES H M
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 68-1123H
THE SYSTEMS
STUDIES OF RADIATIONLESS TRANSITIONS IN CORONENE USING
NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY
PRESENTED AT INTERNATIONAL CONFERENCE ON LUMINESCENCE,
LOYOLA UNIVERSITY, CHICAGO, ILL., 20-23 AUG 68
DAN ACCESS NO.....210990-001
BY WINDSOR M W
INST.....AF-33/615/05731
PROJECT.....7023

ARL 68-1124N
AIR FORCE INSTITUTE OF TECHNOLOGY
AN INTRODUCTION TO THE WORLD OF FUSION
LECTURE PRESENTED AT ARL IN RM 10-007 226 APRIL 68
DAN ACCESS NO.....211680-004
BY SPOFF G K
INST.....ARL-7023-00-14
PROJECT.....7023

ARL 68-1125N
CHEMISTRY RESEARCH LABORATORY
MASS SPECTROMETRIC STUDIES OF GASEOUS ION REACTIONS
FROM DEPARTMENT OF CHEMISTRY, UNIVERSITY OF TORONTO CANADA
22 AUG 68
DAN ACCESS NO.....209730-12P
BY HARRISON A
INST.....ARL-7023-00-10
PROJECT.....7023

ARL 68-1126C
AEROSPACE RESEARCH LABORATORIES
A FACILITY FOR JOINT BODY-FLUID FLOW SIMULATION
DAR RESEARCH REVIEW ARTICLE, MIL. MIL. NO. 4, APRIL 1968,
PP 4-12
DAN ACCESS NO.....211770-00P
BY FRIEDG E G
INST.....ARL-7025-00-20
PROJECT.....7025

ARL 68-1127M
AVCO CORPORATION, SPO
TEMPERATURE MEASUREMENTS IN AN ARGON PLASMA
PRESENTED AT ARL METALLURGY CONFERENCE ROOM, 223 APRIL
1968
DAN ACCESS NO.....207702-003
BY MORRIS J C
INST.....AF 3315-AH-C-10M
PROJECT.....7063

ARL 68-1128J
AEROSPACE RESEARCH LABORATORIES
AN EXPERIMENTAL INVESTIGATION OF THE TRANSDUCER PROPERTIES
OF ARGON IN A LUSSED, HIGH CURRENT AND
PRESENTED AT 8TH ANNUAL MEETING OF AMERICAN PHYSICAL
SOCIETY DIVISION OF PLASMA PHYSICS, BOSTON MASS, 22/23, 1968
DAN ACCESS NO.....211770-00N
BY SCHMIDT R W
INST.....ARL-7024-00-18
PROJECT.....7063

ARL 68-1129L
AEROSPACE RESEARCH LABORATORIES
MULTI-STEP
SERIES OF LECTURES PRESENTED BY ARL, NAME OF COURSE ON
OPTICAL PHYSICS, APRIL 1968
DAN ACCESS NO.....211770-01P
BY SCHMIDT R W
INST.....ARL-7023-00-18
PROJECT.....7063

ARL 68-1130L
AEROSPACE RESEARCH LABORATORIES
THE REACTION OF ARGON PLASMA WITH POLYMER FILMS
PRESENTED AT UNIVERSITY OF THE NORTH CAROLINA SUMMER SEMINAR
PROGRAM, WAREH, 1968
DAN ACCESS NO.....211770-011
BY SCHMIDT R W
INST.....ARL-7023-00-18
PROJECT.....7063

ARL 68-1131L
AEROSPACE RESEARCH LABORATORIES
ATOMIC AND MOLECULAR SPECTROSCOPY
SERIES OF LECTURES PRESENTED AT ARL, A 3 QUARTER HOUR
COURSE IN OPTICAL PHYSICS, JULY, 1967 - FEB, 1968
DAN ACCESS NO.....211770-01P
BY SCHMIDT R W
INST.....ARL-7023-00-18
PROJECT.....7063

ARL 68-1132L
AEROSPACE RESEARCH LABORATORIES
STATE OF ARGON PLASMA
SERIES OF LECTURES PRESENTED AT ARL, NAME OF COURSE ON
OPTICAL PHYSICS, APRIL 1968
DAN ACCESS NO.....211770-01P
BY SCHMIDT R W
INST.....ARL-7023-00-18
PROJECT.....7063

ARL 68-1133L
AEROSPACE RESEARCH LABORATORIES
MULTI-STEP
PRESENTED AT ARL IN RM 10-007 226 APRIL 68
DAN ACCESS NO.....211770-01P
BY SCHMIDT R W
INST.....ARL-7023-00-18
PROJECT.....7063

ARL 68-1134N
MATTIEN SPACE DIVISION
LASER COHERENT FLOW METER
PRESENTED AT ARL METALLURGY CONFERENCE ROOM, 22 MAY 1968
DAN ACCESS NO.....211770-01P
BY REINHARD R
INST.....ARL-7023-00-18
PROJECT.....7063

ARL 68-1135L
AEROSPACE RESEARCH LABORATORIES
THE REACTION OF ARGON PLASMA WITH POLYMER FILMS
PRESENTED AT ARL IN RM 10-007 226 APRIL 68
DAN ACCESS NO.....211770-01P
BY SCHMIDT R W
INST.....ARL-7023-00-18
PROJECT.....7063

ARL 68-1136L
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION OF EXCITED IN REASONING MAGNETIC FIELDS IN
HIGH TEMPERATURE PLASMA DISCHARGES
PRESENTED AT PLASMA FLUID AND PLASMA DYNAMICS CONFERENCE, LOS
ANGELES, CALIFORNIA, 22-23 JUNE 1968
DAN ACCESS NO.....211770-01P
BY SCHMIDT R W
SCHMIDT R W
INST.....ARL-7023-00-18
PROJECT.....7063

ARL 68-1137A
AEROSPACE RESEARCH LABORATORIES
OPTIMIZATION OF AHC RADIATION SOURCES
PRESENTED AT ATAA 3RD THERMOPHYSICS CONFERENCE, LOS ANGELES
, CALIFORNIA, 22-26 JUNE 1968
BY BAUDER U
THEUREN P W
OAR ACCESS NO.....211370-018
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1137P
AEROSPACE RESEARCH LABORATORIES
DISCHARGE PROCESSES IN GAS LASERS
BOOK, A SURVEY OF PHENOMENA IN IONIZED GASES, PP. 375-400.
INT'L ATOMIC ENERGY AGENCY, VIENNA, 1968
BY GANSCADDEN A
OAR ACCESS NO.....210380-011
INSTR...ARL-7073-00-03
PROJECT.....7073

ARL 68-1139A
UNIVERSITY OF TEXAS
NOISE EMISSION OF ELECTRODELESS HING DISCHARGES WITH STATIC
MAGNETIC FIELD
PAPER 4.3.5.4 PROCEEDINGS OF THE VIIIITH INT L CONF ON
PHENOMENA OF IONIZED GASES, VIENNA AUSTRIA, 1967
BY SCHLUTEN W
OAR ACCESS NO.....210980-001
INSTR...AF-33/615/05116
PROJECT.....7073

ARL 68-1140A
AEROSPACE RESEARCH LABORATORIES
WIDE BAND VISUAL SPECTRUM/ PHOTOELECTRIC PHOTOMETRY OF
PAGES DURING ITS FIRST FIFTEEN MONTHS IN ORBIT
BY VANDENBURGH R C
OAR ACCESS NO.....210460-011
INSTR...ARL-7114-00-03
PROJECT.....7114

ARL 68-1141C
AEROSPACE RESEARCH LABORATORIES
SPECTROSCOPIC STUDIES IN A HIGH-TEMPERATURE HYDROGEN-ARC
PLASMA
RESEARCH REVIEW JOURNAL, VOL. VI, NO. 11, NOVEMBER 1967
BY COBDIN J C JR
OAR ACCESS NO.....210460-006
INSTR...ARL-7073-00-01
PROJECT.....7073

ARL 68-1142N
MARQUETTE UNIVERSITY
POINT DEFECTS AND THE EFFECT STATE IN CERAMICS
AEROSPACE COMPONAT, LOS ANGELES, 14 MARCH 1968
BY HIRTHE W W
OAR ACCESS NO.....208270-016
INSTR...ARL-33/615/01244
PROJECT.....7021

ARL 68-1143L
AEROSPACE RESEARCH LABORATORIES
HIGH TEMPERATURE HALL MOBILITY TECHNIQUES IN LOW MOBILITY
CONDUCTORS
PRESENTED AT PURDUE UNIVERSITY, 15 DECEMBER 1967
BY TALLAN M M
OAR ACCESS NO.....209990-011
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1144N
SYSTEM RESEARCH LABORATORIES
USE OF MICROWAVE FOR DETERMINING THE DEFECT STRUCTURE OF
METAL OXIDES
LECTURE AT PURDUE UNIVERSITY ON 31 JULY 1967
BY TRIPP W
OAR ACCESS NO.....20416-004
INSTR...AF-33/615/02745
PROJECT.....7021

ARL 68-1145J
METALLURGY AND CERAMICS RESEARCH LABORATORY
PATENT PROCESS OF FORMING PASSIVATING INTERNAL INSULATORS
HANDS IN SILVER-INDIUM ALLOYS
US PATENT NO 3 379 579 MAY 1968
BY FRANK D F
OAR ACCESS NO.....211220-001
INSTR...ARL-7021-00-19
PROJECT.....7021

ARL 68-1146J
MARQUETTE UNIVERSITY
RELATING THE LOW TEMPERATURE CONDUCTIVITY OF RUTILE TO ITS
CRYSTAL STRUCTURE
MSTHS THESIS 2 JUNE 1968
BY LOUGHAN J
OAR ACCESS NO.....208270-012
INSTR...AF-33/615/01244
PROJECT.....7021

ARL 68-1147J
MARQUETTE UNIVERSITY
AN INVESTIGATION OF THE LOW TEMPERATURE TIME DEPENDENCE OF
THE ELECTRICAL CONDUCTIVITY OF RUTILE
MSTHS THESIS - AUGUST 1968
BY HINALDI G
OAR ACCESS NO.....208270-013
INSTR...AF-33/615/01244
PROJECT.....7021

ARL 68-1148J
MARQUETTE UNIVERSITY
ELECTROCHEMICAL STUDY OF THE THERMODYNAMIC
PROPERTIES OF NON-STOICHIOMETRIC RUTILE
MSTHS THESIS 24 JANUARY 1968
BY LOVE G
OAR ACCESS NO.....208270-014
INSTR...AF-33/615/01244
PROJECT.....7021

ARL 68-1149J
WILKS COLLEGE
AMPLITUDE INDEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE
MSTHS THESIS AUGUST 1968
BY HUDICK M G
OAR ACCESS NO.....208431-004
INSTR...AF-33/615/01524
PROJECT.....7021

ARL 68-1150N
MARQUETTE UNIVERSITY
THE NATURE OF THE ELECTRICAL CONDUCTION TRANSIENT BEHAVIOR
OF RUTILE
PUBLISHED IN J L ANISOTROPY IN SINGLE CRYSTAL REFRACTORY
COMPOUNDS PP 139 JUNE 1968
BY BLUMENTHAL R N
HIRTHE W W
PINZ B A
OAR ACCESS NO.....208270-015
INSTR...AF-33/615/01244
PROJECT.....7021

ARL 68-1151C
METALLURGY AND CERAMICS RESEARCH LABORATORY
ZIRCONIA-HAFNIA RESEARCH
OAR RESEARCH REVIEW VOL VII NO 3 P 15 MARCH
BY TALLAN M M
OAR ACCESS NO.....209990-016
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1152N
METALLURGY AND CERAMICS RESEARCH LABORATORY
THE FORMATION OF POINT DEFECTS IN BINARY ALLOYS
PURDUE UNIVERSITY COLLEGE OF ELECTRICAL ENGINEERING ON 12
AUG 1968
BY VEST R W
OAR ACCESS NO.....209990-017
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1153N
METALLURGY AND CERAMICS RESEARCH LABORATORY
SINTERING CHARACTERISTICS OF ULTRAFINE PARTICLE CERAMIC
POWDERS
UNIVERSITY OF ILLINOIS 6 DEC 1967
BY NELSON J A
OAR ACCESS NO.....209990-018
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1154N
METALLURGY AND CERAMICS RESEARCH LABORATORY
THE DYNAMICS OF CRYSTAL LATTICES WITH DEFECTS
UNIVERSITY OF CINCINNATI 12 DEC 1967
BY GOODMAN H
OAR ACCESS NO.....209990-019
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1155N
METALLURGY AND CERAMICS RESEARCH LABORATORY
OXYGEN ACTIVITY GRADIENTS IN METAL OXIDES UNDER APPLIED
ELECTRIC POTENTIALS AND THEIR INFLUENCE ON TRANSFERENCE
NUMBER DETERMINATIONS BY POLARIZATION MEASUREMENTS
PURDUE UNIVERSITY 11 DECEMBER 1967
BY VEST M W
OAR ACCESS NO.....209990-020
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1156N
METALLURGY AND CERAMICS RESEARCH LABORATORY
CURRENT RESEARCH ON THE DEFECT STRUCTURE AND TRANSPORT
PROPERTIES OF COMPOUND SEMICONDUCTORS AT AERI
FROM ATLANTIC INDUSTRIAL RESEARCH INSTITUTE HALIFAX NOVA
SCOTIA CANADA 12 AUGUST 1968
BY GRAY T J
OAR ACCESS NO.....209990-021
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1157M
METALLURGY AND CERAMICS RESEARCH LABORATORY
ELECTRONIC PROPERTIES OF CERAMIC MATERIALS
MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE MASS 27
MARCH 1968
BY KIMMELING L C
DAN ACCESS NO.....209990-022
INSTN...ARL-7021-00-0H
PROJECT.....7021

ARL 68-1158M
METALLURGY AND CERAMICS RESEARCH LABORATORY
RELATIONSHIP BETWEEN DEFECT STRUCTURE AND ELECTRICAL
PROPERTIES OF CERAMIC MATERIALS
NORTH CAROLINA STATE UNIV 26 MAR 1968
BY DAVIS M H
DAN ACCESS NO.....209990-023
INSTN...ARL-7021-00-0H
PROJECT.....7021

ARL 68-1159M
METALLURGY AND CERAMICS RESEARCH LABORATORY
OXYGEN DIFFUSION
FROM UNIVERSITY OF ILLINOIS 12 AUGUST 68
BY LIEBERMAN D S
DAN ACCESS NO.....210000-00H
INSTN...ARL-7021-00-0V
PROJECT.....7021

ARL 68-1160M
METALLURGY AND CERAMICS RESEARCH LABORATORY
THE ROLL OF DIFFUSION IN FORMING OXIDE SCALES
UNIVERSITY OF ILLINOIS 12 JUNE 1968
BY LIEBERMAN D S
DAN ACCESS NO.....210000-00H
INSTN...ARL-7021-00-0V
PROJECT.....7021

ARL 68-1161M
METALLURGY AND CERAMICS RESEARCH LABORATORY
INTERRELATION BETWEEN G.P. ZONES PRECIPITATION AND
STRENGTHENING IN ALUMINUM-ZINC ALLOYS
UNIVERSITY OF ILLINOIS 20 NOVEMBER 1967
BY HARKNESS S
DAN ACCESS NO.....211160-004
INSTN...ARL-7021-00-11
PROJECT.....7021

ARL 68-1162M
METALLURGY AND CERAMICS RESEARCH LABORATORY
FRACTURE OF STEELS
MCMASTER UNIV HAMILTON ONTARIO CANADA 7 MARCH 1968
BY KIMMEL J D
DAN ACCESS NO.....211160-002
INSTN...ARL-7021-00-15
PROJECT.....7021

ARL 68-1163M
METALLURGY AND CERAMICS RESEARCH LABORATORY
THERMODYNAMIC PROPERTIES AND PHASE EQUILIBRIA IN THE Ni-MO-O
SYSTEM
OHIO STATE UNIVERSITY 19 DEC 1967
BY KAPU M A
DAN ACCESS NO.....211190-031
INSTN...ARL-7021-00-16
PROJECT.....7021

ARL 68-1164M
METALLURGY AND CERAMICS RESEARCH LABORATORY
THERMAL STABILITY OF COLD ROLLED METALS
UNIV OF CAMBRIDGE CAMBRIDGE ENGLAND 10 MARCH 1968
BY DAVIES G J
DAN ACCESS NO.....211270-002
INSTN...ARL-7021-00-1V
PROJECT.....7021

ARL 68-1165M
METALLURGY AND CERAMICS RESEARCH LABORATORY
DISLOCATION DYNAMICS IN STRESS RELAXATION
UNIVERSITY OF PENNSYLVANIA 10 NOV 1967
BY GUPTA I
DAN ACCESS NO.....211220-003
INSTN...ARL-7021-00-1W
PROJECT.....7021

ARL 68-1166M
METALLURGY AND CERAMICS RESEARCH LABORATORY
DETERMINING HIGH TEMPERATURE DEFECT CONSTANTS WITH THE AUL
OF KIMMELING L C
NORTH CAROLINA STATE UNIV 26 JAN 1968
BY JONES M B
DAN ACCESS NO.....211270-00H
INSTN...ARL-7021-00-1W
PROJECT.....7021

ARL 68-1167M
METALLURGY AND CERAMICS RESEARCH LABORATORY
ULTRAPHASE TRANSITION IN CERAMICS
PRESENTED AT ARMY SAGAMORE CONFERENCE, 21 AUGUST 1968.
BY LIPOLD M
DAN ACCESS NO.....211080-001
INSTN...F33615-07-C-1166
PROJECT.....7021

ARL 68-1168M
TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD
ELECTRICAL PROPERTIES OF NiO
PRESENTED AT CONFERENCE ON TRANSITION METAL OXIDES
HUCARSET HUMANIA SEPTEMBER 1960
BY HANSKY I
GVISHI M
TANNHAUSER D S
DAN ACCESS NO.....209290-006
INSTN...AF-61/052/00825
PROJECT.....7021

ARL 68-1169M
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD
EXPERIMENTAL EVIDENCE FOR HIGHLY MODULATED ELECTRICITY IN NiO
AND NiO AT HIGH TEMPERATURES
PRESENTED TO NATIONAL BUR OF STANDARDS SYMPOSIUM ON MASS
TRANSPORT IN OXIDES GAITHERSBURG MD 22 OCT 1967
BY TANNHAUSER D S
TALLAN M M
GVISHI M
DAN ACCESS NO.....209290-007
INSTN...AF-61/052/00825
PROJECT.....7021

ARL 68-1170M
TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD
HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL
PROPERTIES OF NiO
PRESENTED TO NATIONAL BUR. OF STANDARDS SYMPOSIUM ON MASS
TRANSPORT IN OXIDES GAITHERSBURG MD 22 OCTOBER 1967
BY HANSKY I
TALLAN M M
DAN ACCESS NO.....209290-008
INSTN...AF-61/052/00825
PROJECT.....7021

ARL 68-1171A
METALLURGY AND CERAMICS RESEARCH LABORATORY
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF ZrO2
PRESENTED AT THE 70TH ANNUAL MTG. THE AMERICAN CERAMIC
SOCIETY CHICAGO ILL APRIL 1968
BY GRAMM H C
WINNER J M
TALLAN M M
DAN ACCESS NO.....209990-024
INSTN...ARL-7021-00-08
PROJECT.....7021

ARL 68-1172A
METALLURGY AND CERAMICS RESEARCH LABORATORY
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF SCUM2SCUM3
PRESENTED AT THE 70TH ANNUAL MTG THE AMERICAN CERAMIC
SOCIETY CHICAGO ILL APRIL 1968
BY TRIPP W C
TALLAN M M
DAN ACCESS NO.....209990-025
INSTN...ARL-7021-00-08
PROJECT.....7021

ARL 68-1173A
METALLURGY AND CERAMICS RESEARCH LABORATORY
A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM
THERMOLUMINESCENCE OR CONDUCTIVITY GLOB CURVES
WADSWORTH PRESENTED AT AM. PHYSICAL SOC MTG BERKELEY CALIF 18-21
MAY 68 APPEARED IN JOURNAL OF PHYS 13 NO 3 421 1968
BY LAND P L
DAN ACCESS NO.....210090-007
INSTN...ARL-7021-00-12
PROJECT.....7021

ARL 68-1174A
METALLURGY AND CERAMICS RESEARCH LABORATORY
THE RELATIVE THERMODYNAMIC PROPERTIES OF COBALT-PALLADIUM
SOLID SOLUTIONS
PRESENTED AT THE ANNUAL MTG OF THE METALLURGICAL SOCIETY OF
ATM NEW YORK FEBRUARY 1968
BY REDWELL L M
HIZZO F E
SMITH J V
DAN ACCESS NO.....211190-002
INSTN...ARL-7021-00-16
PROJECT.....7021

ARL 68-1175A
METALLURGY AND CERAMICS RESEARCH LABORATORY
MICROSTRUCTURAL ANALYSIS AFFECTING TENSILE STRENGTH OF
ALUMINUM OXIDE
PRESENTED AT THE 70TH ANNUAL MTG OF THE AMERICAN CERAMIC SOC
CHICAGO ILL 21-24 APR 1968
BY F. HENDRICH L L
NELSON J A
DAN ACCESS NO.....211667-002
INSTN...ARL-7021-00-25
PROJECT.....7021

ARL 68-1176A
METALLURGY AND CERAMICS RESEARCH LABORATORY
MICROHARDNESS ANISOTROPY IN ROCK SALT STRUCTURE OXIDES
PRESENTED AT THE 70TH ANNUAL MTG OF THE AMERICAN CERAMIC SOC
CHICAGO ILL 21-24 APRIL 1968
UAR ACCESS NO.....211660-003
HY CHOW W R
FEHRENBACHER L L
INSTR...ARL-7021-00-24
PROJECT.....7021

ARL 68-1177A
METALLURGY AND CERAMICS RESEARCH LABORATORY
RARE EARTH IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC
WIND TUNNEL STORAGE HEATERS
PRESENTED AT MATERIALS CONFERENCE OF AM. INST OF CHEM.
PHILADELPHIA PA 31 MAR-4 APR 1968
UAR ACCESS NO.....211660-004
HY FEHRENBACHER L L
INSTR...ARL-7021-00-25
PROJECT.....7021

ARL 68-1178A
AEROSPACE RESEARCH LABORATORIES
GAS CHROMATOGRAPHY OF METAL CHELATES
PRESENTED AT SYMPOSIUM ON INORGANIC GAS CHROMATOGRAPHY,
156TH NATIONAL ACS MEETING, ATLANTIC CITY, NEW JERSEY, 9
SEP 68
UAR ACCESS NO.....209700-100
HY SIEVENS W E
EISENBAUM R J
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1179A
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
NUCLEAR MAGNETIC RESONANCE STUDIES OF 3-ACETYL-3-
CAMPHORIC ACID 111 STUDIES
PRESENTED IN ARL CONFERENCE ROOM, WRIGHT-PATTERSON AFB,
OHIO, TUESDAY, 27 AUG 68 AT 1400 HRS.
UAR ACCESS NO.....211720-006
HY SPRINGER C S JR
INSTR...F33615-07-C-175H
PROJECT.....7023

ARL 68-1180A
AEROSPACE RESEARCH LABORATORIES
THERMAL DEGRADATION OF SILICONES
FROM NON-CHEMICAL CO., MIDLAND, MICHIGAN, PRESENTED AT ARL
CONFERENCE ROOM, 3 SEP 68
UAR ACCESS NO.....209720-056
HY AUSTIN J D
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1181A
AEROSPACE RESEARCH LABORATORIES
MASS SPECTROMETRIC STUDIES OF NEGATIVE ION-MOLECULE
REACTIONS
PRESENTED AT THE RADIATION RESEARCH LABORATORIES, MILLON
INSTITUTE, PITTSBURGH, PA., 23 SEP 68
UAR ACCESS NO.....209730-131
HY TIERMAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1182A
PHILCO FORD CORP.
PULSE TECHNIQUE FEASIBILITY STUDY ON MULTIGRAVITY RF GAS
HEATERS AND RESEARCH ON ELECTRODELESS DISCHARGES AT HIGH
PRESSURES
PRESENTED AT ARL ARN, 24 AUGUST 1968
UAR ACCESS NO.....211770-019
HY HILLISIEH D D
INSTR...ARL-7063-00-14
PROJECT.....7063

ARL 68-1183A
AVCO CORPORATION
EXPERIMENTAL TESTS OF HYDROGEN PLASMA BROADENING THEORY AT
HIGH ELECTRON DENSITIES
PRESENTED AT THE GORDON CONFERENCE, ANDOVER, NEW HAMPSHIRE
JULY 1968
UAR ACCESS NO.....207702-002
HY MORRIS J C
KREY R
SCHWABER J
WILFONG E
INSTR...F33615-08-C-1041
PROJECT.....7063

ARL 68-1184A
AVCO CORPORATION
VACUUM ULTRAVIOLET RADIATION AS AN IMPORTANT MEANS OF
ENERGY TRANSPORT IN A PLASMA
PRESENTED TO WESTINGHOUSE RESEARCH LABORATORY AT PITTSBURGH,
PENNSYLVANIA MARCH 1968
UAR ACCESS NO.....207702-004
HY MORRIS J C
INSTR...F33615-08-C-1041
PROJECT.....7063

ARL 68-1185B
AVCO CORPORATION
A RADIATION STANDARD FOR VACUUM ULTRAVIOLET
PRESENTED AT 2ND INTERNATIONAL CONFERENCE ON VACUUM
ULTRAVIOLET RADIATION, GATLINBURG, TENN., 1 MAY 1968
UAR ACCESS NO.....207702-001
HY MORRIS J C
GARRISON R L
INSTR...F33615-08-C-1041
PROJECT.....7063

ARL 68-1186A
AEROSPACE RESEARCH LABORATORIES
THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE
OF COPPER
PRESENTED AT FALL MTG., MFT. SOCIETY AIME, 14 OCTOBER 1968
UAR ACCESS NO.....211220-006
HY ADAM A H
FRANK D F
INSTR...ARL-7021-00-19
PROJECT.....7021

ARL 68-1187A
AEROSPACE RESEARCH LABORATORIES
APPARATUS FOR THERMOLUMINESCENCE MEASUREMENTS
PRESENTED AT THE SECOND INTERNATIONAL CONFERENCE ON
LUMINESCENCE DOSIMETRY, GATLINBURG, TENN., 23-26 SEPT. 1968
UAR ACCESS NO.....210890-008
HY LAND P L
WYSONG E D
INSTR...ARL-7021-00-12
PROJECT.....7021

ARL 68-1188A
AEROSPACE RESEARCH LABORATORIES
LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM
INTERMETALLIC COMPOUNDS
PRESENTED AT THE 7TH RARE-EARTH RESEARCH CONFERENCE,
CORONA, CALIF., 27-31 OCTOBER 1968
UAR ACCESS NO.....211640-001
HY CHAVEN W F
OSTENTAG W
INSTR...ARL-7021-00-23
PROJECT.....7021

ARL 68-1189A
AEROSPACE RESEARCH LABORATORIES
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING
FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
PRESENTED AT THE 1968 AIR FORCE SCIENCE & ENGINEERING
SYMPOSIUM, GOTTFRIED ARNOLD, TENN., 30-31 OCTOBER 1968
UAR ACCESS NO.....211660-007
HY FEHRENBACHER L L
INSTR...ARL-7021-00-25
PROJECT.....7021

ARL 68-1190B
WILKINS COLLEGE
AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE
PRESENTED AT AMERICAN PHYSICAL SOCIETY, MIAMI BEACH, FLA.,
NOVEMBER 1968
UAR ACCESS NO.....210890-009
HY LAND P L
INSTR...ARL-7021-00-17
PROJECT.....7021

ARL 68-1191U
GRUMMAN AIRCRAFT ENGINEERING CORPORATION
EXPERIMENTAL VELOCITY PROFILE DETERMINATIONS IN MHD FLOW
THROUGH A DIELECTRIC CIRCULAR CHANNEL
PRESENTED AT INTERNATIONAL SYMPOSIUM ON MHD ELECTRICAL
POWER GENERATION, WARSAW, POLAND, 28-30 JULY 1968,
PUBLISHED IN PROCEEDINGS
UAR ACCESS NO.....210710-002
HY LOFFLER A L JR
MACIULAITIS A
HUFF M
INSTR...AF-33/615/05269
PROJECT.....7063

ARL 68-1192B
AVCO LYONETT RESEARCH LABORATORY
HIGH WALL COEFFICIENT EXPERIMENTS IN A LARGE DISK GENERATOR
PRESENTED AT INT'L SYMPOSIUM ON MHD ELECTRICAL POWER
GENERATION, WARSAW, POLAND, 28-30 JULY 68 PUBLISHED IN
PROCEEDINGS
UAR ACCESS NO.....210650-004
HY LOUIS J F
INSTR...AF-33/615/03413
PROJECT.....7063

ARL 68-1193H
ELECTRO-OPTICAL SYSTEMS INC
RADIATION MECHANISMS
PRESENTED AT SOUTHWEST MEETING OF AMERICAN PHYSICAL SOCIETY
AT ALAMOGADO, NEW MEXICO JUNE 1968 PUBLISHED IN PROCEEDINGS
UAR ACCESS NO.....211470-002
HY CANN G I
HAGGARD L L
INSTR...F33615-07-C-1413
PROJECT.....7063

ARL 68-1194H
STATE UNIVERSITY OF NEW YORK AT BUFFALO
DIAGNOSTICS ON STEADY-STATE CROSS-FLW ARCS
PRESENTED AT THE 1968 SUMMER POWER MEETING, CHICAGO,
ILLINOIS 23-28 JUNE 1968
OAR ACCESS NO.....207840-002
BY JOHNSON D M
HARVEY A J
CENKNER A A JR
INSTN...AF-33/615/01797
PROJECT.....7003

ARL 68-1195H
ITT RESEARCH INSTITUTE
TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CFMAMICS
PRESENTED AT JOINT FALL MTG. OF THE BASIC SCIENCE AND
ELECTRONIC DIV. OF AMER. CERAM.SOC. ST. PAUL, MINN., SEPT
17-20, 1968.
OAR ACCESS NO.....210930-003
BY WILLS J J
INSTN...AF-33/615/05448
PROJECT.....7021

ARL 68-1196H
ARMONJLT GENERAL CORPORATION
THE EFFECT OF FINITE ION MASS ON THE STABILITY OF A SPACE
CHARGE NEUTRALIZED ELECTRON BEAM
AGN TO 220 JUNE 1968
OAR ACCESS NO.....211390-002
BY FAULKNER J E
HARRIS A A
INSTN...ARL-7073-00-07
PROJECT.....7073

ARL 68-1197H
SYSTEMS RESEARCH LABORATORIES INC
LEED STUDY OF GROWTH OF TIN FILMS ON NO 110
PRESENTED AT 4TH INTERNATIONAL MATERIALS SYMPOSIUM,
BERKELEY, CALIFORNIA, JUNE 1968.
OAR ACCESS NO.....207891-004
BY JACKSON A G
HODGKER M R
INSTN...AF-33/615-67-C-1041
PROJECT.....7023

ARL 68-1198H
AEROSPACE RESEARCH LABORATORIES
DECAY OF CE SUPPER 143
PRESENTED AT APS MEETING, APR 1968
OAR ACCESS NO.....210430-020
BY COTHEURN C R
HENNECKE H J
KELDES J J
MANTHURUTHIL J C
INSTN...ARL-7112-00-02
PROJECT.....7112

ARL 68-1199H
AEROSPACE RESEARCH LABORATORIES
SPACE AND TIME ASYMMETRIES IN PARTICLE PHYSICS
PRESENTED AT UN COLLOQUIUM, 15 FEB 68
OAR ACCESS NO.....211260-003
BY POINIER C P
INSTN...ARL-7112-00-03
PROJECT.....7112

ARL 68-1200A
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF LEVELS IN VSUPPER 47 FROM THE VSUPPER 46 P,
GAMMA VSUPPER 47 REACTION
PRESENTED AT APS MEETING, NOV 1968
OAR ACCESS NO.....210430-021
BY WILLMES H
INSTN...ARL-7112-00-02
PROJECT.....7112

ARL 68-1201A
AEROSPACE RESEARCH LABORATORIES
M-SUPERSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS
PRESENTED AT APS MEETING, NOV 1968
OAR ACCESS NO.....210430-022
BY MANTHURUTHIL J C
INSTN...ARL-7112-00-02
PROJECT.....7112

ARL 68-1202A
AEROSPACE RESEARCH LABORATORIES
DECAY OF NO SUPPER 147
PRESENTED AT APS MEETING, APR 68
OAR ACCESS NO.....210430-023
BY HENNECKE H J
WILLMES H
MANTHURUTHIL J C
DANBPH F
INSTN...ARL-7112-00-02
PROJECT.....7112

ARL 68-1203A
AEROSPACE RESEARCH LABORATORIES
DECAY OF CE SUPPER 143
PRESENTED AT APS MEETING, APRIL 1968
OAR ACCESS NO.....210430-024
BY COTHEURN C R
KELDES J J
HENNECKE H J
MANTHURUTHIL J C
INSTN...ARL-7112-00-02
PROJECT.....7112

ARL 68-1204A
AEROSPACE RESEARCH LABORATORIES
ISOBARIC ANALOG STATES IN 25-10 SHELL NJCLEI
PRESENTED AT OSU SEMINAR, JAN 1968
OAR ACCESS NO.....210420-039
BY HARRIS G I
INSTN...ARL-7112-00-01
PROJECT.....7112

ARL 68-1205A
AEROSPACE RESEARCH LABORATORIES
ISOBARIC ANALOG STATES IN THE 3-0 SHELL
PRESENTED AT KU COLLOQUIUM FEBRUARY 1968
OAR ACCESS NO.....210420-040
BY HARRIS G I
INSTN...ARL-7112-00-01
PROJECT.....7112

ARL 68-1206A
AEROSPACE RESEARCH LABORATORIES
ENERGY LEVELS IN C1 SUPPER 35
PRESENTED AT APS MEETING, APR 68
OAR ACCESS NO.....210430-025
BY LEE F D
WATSON D D
INSTN...ARL-7112-00-02
PROJECT.....7112

ARL 68-1207A
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF PSUPPER 30 LEVELS
OAR ACCESS NO.....210420-041
BY HARRIS G I
MYDER A H
WALINGA J
INSTN...ARL-7112-00-01
PROJECT.....7112

ARL 68-1208A
AEROSPACE RESEARCH LABORATORIES
DETERMINATION OF NUCLEAR LEVEL PROPERTIES WITH PHOTON
CAPTURE REACTIONS
PRESENTED AT UCLA JOURNAL CLUB, 3 APR 68
OAR ACCESS NO.....210420-042
BY WILLMES H
INSTN...ARL-7112-00-01
PROJECT.....7112

ARL 68-1209A
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF C1 SUPPER 37 FROM THE VSUPPER 36 P, GAMMA
C1 SUPPER 37 REACTION
PRESENTED AT APS MEETING, NOV 1968
OAR ACCESS NO.....210420-043
BY PENNIZO J J
HARRIS G I
INSTN...ARL-7112-00-01
PROJECT.....7112

ARL 68-1210A
AEROSPACE RESEARCH LABORATORIES
INTERNAL CONVERSION SPECTROSCOPY
PRESENTED AT NORTH CAROLINA STATE UNIVERSITY, PHYSICS
COLLOQUIUM, MAY 1968
OAR ACCESS NO.....210430-026
BY HENNECKE H J
INSTN...ARL-7112-00-02
PROJECT.....7112

ARL 68-1211A
AEROSPACE RESEARCH LABORATORIES
MULTIPOLARITY ASSIGNMENTS IN IR SUPPER 193
PRESENTED AT APS MEETING, NOV 1968
OAR ACCESS NO.....210430-027
BY COTHEURN C R
SHERRER J F
HENNECKE H J
MANTHURUTHIL J C
INSTN...ARL-7112-00-02
PROJECT.....7112

ARL 68-1212A
AEROSPACE RESEARCH LABORATORIES
ANALOG DOUBLET IN C1 SUPPER 35
PRESENTED AT APS MEETING, NOV 1968
OAR ACCESS NO.....210430-028
BY WATSON D D
LEE F D
INSTN...ARL-7112-00-02
PROJECT.....7112

ARL 68-1213A
AEROSPACE RESEARCH LABORATORIES
M-SUPERSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS
PRESENTED AT WASHINGTON APS MEETING, APR 1968
OAR ACCESS NO.....210430-029
BY MANTHURUTHIL J C
INSTN...ARL-7112-00-02
PROJECT.....7112

ARL 68-1214A
AEROSPACE RESEARCH LABORATORIES
DECAY OF NO SUPPER 147
PRESENTED AT APS MEETING, APR 1968
DAR ACCESS NO.....210430-030
HY HENNECKE F J
NANTHURUTHIL J C
WILLIAMS M
DANBEN E
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1215A
AEROSPACE RESEARCH LABORATORIES
TRANSIENT TEMPERATURE DISTRIBUTION OF AN IDEALIZED CONTACT
SPOT
PRESENTED AT THE 8TH CONFERENCE ON THERMAL CONDUCTIVITY,
PURDUE UNIVERSITY, LAFAYETTE, INDIANA, 8 OCT 68.
ABSTRACT PUBLISHED IN PROCEEDINGS.
DAR ACCESS NO.....211680-005
HY CRAMER R R
INSTR...ARL-7063-00-10
PROJECT.....7063

ARL 68-1216A
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION OF NEGATIVE ION REACTIONS AT ELEVATED
PRESSURES IN A TIME-OF-FLIGHT MASS SPECTROMETER
PRESENTED AT THE TENTH ANNUAL TIME-OF-FLIGHT SYMPOSIUM ON
MASS SPECTROMETRY, GANDY SCIENTIFIC INSTRUMENTS DIVISION,
CINCINNATI, OHIO, 10 OCT 68.
DAR ACCESS NO.....207730-132
HY TIRMAN T D
NAHCOTTE W F
HUGHES M M
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1217A
AEROSPACE RESEARCH LABORATORIES
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE NO 100
SURFACE
PRESENTED AT AMERICAN PHYSICAL SOCIETY MEETING, COLUMBUS,
OHIO, 26 OCT 68.
DAR ACCESS NO.....204040-011
HY DUDLEY G J III
HAAS T W
INSTR...ARL-7063-00-01
PROJECT.....7023

ARL 68-1218C
AEROSPACE RESEARCH LABORATORIES
THERMAL DIFFUSION AND STRUCTURAL ORDER IN LIQUIDS
PUBLISHED IN OAK RESEARCH REVIEW, VOLUME VII, NUMBER 3, MAY
1968.
DAR ACCESS NO.....209550-014
HY DEESLY J G
DIEHLER J A
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1219A
AEROSPACE RESEARCH LABORATORIES
SURVEY OF HIGH PRESSURE ELECTRIC ARC TECHNOLOGY
ATAA FLUID AND PLASMA DYNAMICS CONFERENCE, LOS ANGELES,
CALIF, 24 - 25 JUNE 1968
DAR ACCESS NO.....211380-004
HY STEPHENS R D
INSTR...ARL-7063-00-15
PROJECT.....7061

ARL 68-1220A
SYSTEMS RESEARCH LABORATORIES INC
TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED
NO 110 SURFACE FOR LOW PRIMARY ENERGIES
PRESENTED AT OHIO SECTION OF THE AMERICAN PHYSICAL SOCIETY
MEETING, COLUMBUS, OHIO, OCTOBER 1968.
DAR ACCESS NO.....207851-005
HY HOKER W
JACKSON A G
INSTR...F33 15-67-C-1041
PROJECT.....7021

ARL 68-1221A
SYSTEMS RESEARCH LABORATORIES INC
LEO STUDY OF EFFECTS OF GAS ADSORPTION ON THE NO 110
SURFACE
PRESENTED AT OHIO SECTION OF THE AMERICAN PHYSICAL SOCIETY
MEETING, COLUMBUS, OHIO, OCTOBER 1968.
DAR ACCESS NO.....207851-006
HY JACKSON A G
HOKER W W
INSTR...F33 15-67-C-1041
PROJECT.....7021

ARL 68-1222M
AEROSPACE RESEARCH LABORATORIES
THE THEORY OF TRANSDUCING AND DATA DELAY SYSTEMS
PRESENTED AT ARL COLLOQUIUM, 1968
DAR ACCESS NO.....210420-041
HY GILMAN F
INSTR...ARL-7112-00-07
PROJECT.....7112

ARL 68-1223M
AEROSPACE RESEARCH LABORATORIES
THE DETERMINATIONS OF THE SPIN AND PARITY OF THE R-MESON
PRESENTED AT ARL COLLOQUIUM, 26 OCT 67
DAR ACCESS NO.....210420-046
HY CHAND P
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1224M
AEROSPACE RESEARCH LABORATORIES
MINIPOLE MATRIX-ELEMENTS
PRESENTED AT ARL COLLOQUIUM, 1 DEC 67
DAR ACCESS NO.....210420-047
HY HAMILTON J H
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1225M
AEROSPACE RESEARCH LABORATORIES
ISOTOPE PRODUCTION AT ORNL
PRESENTED AT ARL COLLOQUIUM, 10 DEC 67
DAR ACCESS NO.....210420-048
HY PINAJIAN J J
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1226M
SYSTEMS RESEARCH LABORATORIES INC
GROWTH OF ALUMINUM ON TA 110
PRESENTED TO AVIONICS LABORATORY, W-P AFH, OHIO 31 MAY 1967
DAR ACCESS NO.....207891-007
HY JACKSON A G
INSTR...F33 15-67-C-1041
PROJECT.....7023

ARL 68-1227A
AEROSPACE RESEARCH LABORATORIES
EXPERIMENTALLY DETERMINED SHOCK CONFIGURATIONS IN A HIGH-
SOLIDITY SUPERSONIC NOZZLE
PRESENTED AT ARL PROPULSION AND ENERGETICS PANEL 32
NO MEETING, TOULOUSE, FRANCE, 10 SEP 68.
DAR ACCESS NO.....210110-008
HY BENNENSTROM A J
JOHNSON E G
CANNAN C T
INSTR...ARL-7065-00-09
PROJECT.....7065

ARL 68-1228D
ARNOLD ENGINEERING DEVELOPMENT CENTER
EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE
SUPERSONIC COMPRESSOR RUTINS OF DIFFERENT BLADE THICKNESSES
AND WITH CIRCULAR AND CAMBER LINE
ARDC-TN-AR-197
DAR ACCESS NO.....210110-005
HY LARMAN C T
MYERS J R
BENNERSTROM A J
STANICH J W
INSTR...ARL-7065-00-09
PROJECT.....7065

ARL 68-1229A
AEROSPACE RESEARCH LABORATORIES
C.E.L.P. 3
COL-DM-1077-1 APRIL 1968
DAR ACCESS NO.....209720-055
HY ROSENBERG N W
SCHAULTER L
SCHAUMLE J J
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1230E
AEROSPACE RESEARCH LABORATORIES
CLASSES OF SILICON SUBOXIDES
INTERNATIONAL SYMPOSIUM ON DECOMPOSITION OF ORGANOMETALLIC
COMPOUNDS, NOV 1967, PD. KAS. MAZUGASNI, U OF DAYTON OHIO
1968
DAR ACCESS NO.....204720-063
HY SCHAULTER L
SMITH J S III
INSTR...ARL-7021-00-06
PROJECT.....7021

ARL 68-1231F
AEROSPACE RESEARCH LABORATORIES
ION-MOLECULE REACTIONS
FUNDAMENTAL PRINCIPLES IN RADIATION CHEMISTRY, BILTON, PA
AUGUST 20, 1967, WILEY-INTER-SCIENCE PUBLICATIONS 1968.
DAR ACCESS NO.....204720-123
HY TIRMAN T D
DIEHLER J A
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1232A
AEROSPACE RESEARCH LABORATORIES
EQUILIBRIUM ON SUPERSONIC COMBUSTION
PRESENTATION AT TWELFTH INTERNATIONAL SYMPOSIUM ON
COMBUSTION, U. OF POITIERS, POITIERS, FRANCE, 14-20 JULY
1968.
BY DUNN W G
DAR ACCESS NO.....210320-008
INSTR...ARL-7063-00-10
PROJECT.....7063

ARL 68-1233JL
AEROSPACE RESEARCH LABORATORIES
FLUID FLOW IN AN ELECTRICALLY CONDUCTIVE FLUID
SERIES OF LECTURES COMPRISING AFIT COURSE NO. ME 5.908
SUMMER QUARTER 1968, JUNE-AUG 68
BY CAMER K M
DAR ACCESS NO.....211040-006
INSTR...ARL-7063-00-16
PROJECT.....7063

ARL 68-1234L
AEROSPACE RESEARCH LABORATORIES
THE ACTION OF ELECTRIC ARCS IN MAGNETIC FIELDS
PRESENTED AT THE GENERAL RESEARCH LABORATORY, SIEMENS CORP.
F. FRANKEN, GERMANY, 28 NOV 1967
BY SCHEINGEN F E
DAR ACCESS NO.....211350-006
INSTR...ARL-7063-00-12
PROJECT.....7063

ARL 68-1235A
AEROSPACE RESEARCH LABORATORIES
IONIC PROCESSES IN CYCLOTRONIC IMPLICATIONS OF MASS
SPECTROMETRIC DATA FOR RADIOLYSIS STUDIES
PRESENTED AT THE NATIONAL BUREAU OF STANDARDS, GAITHERSBURG
M. MARYLAND, 30 OCTOBER 1968.
BY TIERNAN T D
DAR ACCESS NO.....209730-134
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1236A
AEROSPACE RESEARCH LABORATORIES
MOLECULAR CHARGE TRANSFER REACTIONS
FROM THE UNIVERSITY OF KANSAS, LAWRENCE, KANSAS, 13 NOV 68.
PRESENTED IN ARL CONFERENCE ROOM
BY KEVAN L
DAR ACCESS NO.....209730-134
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1237L
SOME RECENT STUDIES OF PROPERTIES OF S-D SMALL NUCLEI
GRADUATE COLLOQUIUM GIVEN TO PHYSICS DEPARTMENT, UNIVERSITY
OF CINCINNATI
BY HARRIS G I
DAR ACCESS NO.....210420-000
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1238L
AEROSPACE RESEARCH LABORATORIES
EVALUATION OF THE COSMOLOGICAL MODEL
LECTURE GIVEN TO AMERICAN INSTITUTE OF PHYSICS CLUB, BRIGHT
STATE UNIV.
BY FICKLEN S L
DAR ACCESS NO.....210510-000
INSTR...ARL-7110-00-08
PROJECT.....7110

ARL 68-1239N
AEROSPACE RESEARCH LABORATORIES
MOLECULAR CHARGE TRANSFER REACTIONS
FROM DEPARTMENT OF CHEMISTRY, UNIVERSITY OF KANSAS,
LAWRENCE, KANSAS, 13 NOV 68.
BY KEVAN L
DAR ACCESS NO.....209730-134
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1240A
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODELS OF PHYSIOLOGICAL SYSTEMS
UNIVERSITY OF COLORADO, FEBRUARY 1968
BY WOLAVEN L E
DAR ACCESS NO.....210230-001
INSTR...ARL-7071-00-06
PROJECT.....7071

ARL 68-1241A
AEROSPACE RESEARCH LABORATORIES
APPROXIMATION BY LINEAR POSITIVE OPERATORS
PRESENTED AT THE NAVAL RESEARCH LABORATORY, WASHINGTON, D.
C., 9 AUG 68.
BY SHISHA O
DAR ACCESS NO.....210320-043
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1242A
AEROSPACE RESEARCH LABORATORIES
APPROXIMATION BY LINEAR POSITIVE OPERATORS
PRESENTED AT THE NATIONAL BUREAU OF STANDARDS, WASHINGTON,
D. C., 9 AUG 68
BY SHISHA O
DAR ACCESS NO.....210320-044
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1243A
AEROSPACE RESEARCH LABORATORIES
THE CHEBYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN
FUNCTION OR AN INTERVAL
PRESENTED AT COLORADO STATE UNIVERSITY, FORT COLLINS,
COLORADO, 21 FEB 1968.
BY SHISHA O
DAR ACCESS NO.....210320-045
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1244A
AEROSPACE RESEARCH LABORATORIES
THE CHEBYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN
FUNCTION OR AN INTERVAL
PRESENTED AT BAR-ILAN UNIVERSITY, RAMAT-GAN, ISRAEL, 11
MARCH 1968.
BY SHISHA O
DAR ACCESS NO.....210320-046
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1245A
AEROSPACE RESEARCH LABORATORIES
INEQUALITIES BETWEEN PEANS
PRESENTED AT THE UNIVERSITY OF KENTUCKY, LEXINGTON,
KENTUCKY, 7 FEB 1968.
BY SHISHA O
DAR ACCESS NO.....210320-047
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1246A
AEROSPACE RESEARCH LABORATORIES
INEQUALITIES BETWEEN PEANS
PRESENTED AT MIAMI UNIVERSITY, OXFORD, OHIO, 19 FEB 1968.
BY SHISHA O
DAR ACCESS NO.....210320-048
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1247A
AEROSPACE RESEARCH LABORATORIES
APPROXIMATION BY POSITIVE LINEAR OPERATORS
LECTURE PRESENTED AT YESHIVA UNIVERSITY, NEW YORK, NEW YORK
12 JAN 1968
BY SHISHA O
DAR ACCESS NO.....210320-049
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1248A
AEROSPACE RESEARCH LABORATORIES
APPROXIMATION BY POSITIVE LINEAR OPERATORS
PRESENTED AT PONGHAM UNIVERSITY, NEW YORK, NEW YORK, 12 JAN
1968.
BY SHISHA O
DAR ACCESS NO.....210320-050
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1249A
AEROSPACE RESEARCH LABORATORIES
INTRODUCTION TO MULTIPLE COMPARISON TESTS
PRESENTED AT MIAMI UNIVERSITY, OXFORD, OHIO, 19 FEB 1968.
BY SHISHA O
DAR ACCESS NO.....210320-051
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1250A
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MULTI-
RESPONSE GROWTH CURVES
PAPER PRESENTED AT THE EASTERN REGIONAL MEETING OF THE
INSTITUTE OF MATHEMATICAL STATISTICS, APRIL 1968.
OAR ACCESS NO.....210290-025
BY KRISHNAIAH P R
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-1251A
AEROSPACE RESEARCH LABORATORIES
SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR
MULTI-RESPONSE GROWTH CURVES
PRESENTED AT THE ANNUAL MEETING OF THE INSTITUTE OF
MATHEMATICAL STATISTICS, AUGUST 1968.
OAR ACCESS NO.....210290-026
BY KRISHNAIAH P R
JAYACHANDRAN K
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-1252A
AEROSPACE RESEARCH LABORATORIES
ON TWO BOUNDARY LAYER APPROXIMATION METHODS
PRESENTED AT NORTH DAKOTA STATE UNIVERSITY, MAY 1968
OAR ACCESS NO.....211320-013
BY HUGELMAN R O
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1253A
AEROSPACE RESEARCH LABORATORIES
RELIABILITY AND LIFE TESTING
PRESENTED AT WRIGHT STATE UNIVERSITY, JANUARY 1968
OAR ACCESS NO.....210290-034
BY HARTER M L
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-1254A
AEROSPACE RESEARCH LABORATORIES
SOME NEW INTEGRAL RELATIONS INVOLVING BESSEL FUNCTIONS
PRESENTED AT AMERICAN MATH SOC 78TH ANNUAL MEETING, SAN
FRANCISCO, CALIFORNIA JAN 23-26, 1968.
OAR ACCESS NO.....210320-057
BY FETTER H E
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-1255A
AEROSPACE RESEARCH LABORATORIES
DOUBLE POINTS OF MATHEUS EQUATION
PAPER PRESENTED AT THE UNION ACADEMY OF SCIENCES, APR 1968.
HELD AT HOUSTON GREEN, TEXAS
OAR ACCESS NO.....210210-019
BY BLANCH G
CLARK D S
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 68-1256A
AEROSPACE RESEARCH LABORATORIES
SELF-EXCITING FUNCTIONS
PRESENTED AT MIAMI UNIVERSITY, OXFORD, OHIO, FEB 1968
OAR ACCESS NO.....210320-007
BY SHENK D
INSTR...ARL-7071-00-14
PROJECT.....7071

ARL 68-1257A
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODELS OF PHYSIOLOGICAL SYSTEMS
UNIVERSITY OF WISCONSIN, MADISON, WISCONSIN
OAR ACCESS NO.....210210-012
BY HENRICH E Z
INSTR...ARL-7071-00-09
PROJECT.....7071

ARL 68-1258A
AEROSPACE RESEARCH LABORATORIES
THE THEORY OF ESTIMATION OF PARAMETERS IN LINEAR DIFFERENTIAL
EQUATIONS
PRESENTED AT THE 11th SYMPOSIUM ON ESTIMATION THEORY, UNIVERSITY OF
CALIFORNIA, BERKELEY, CALIFORNIA, JULY 1968.
OAR ACCESS NO.....210320-053
BY SHISHA S
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-1259A
AEROSPACE RESEARCH LABORATORIES
THE THEORY OF ESTIMATION OF PARAMETERS IN LINEAR DIFFERENTIAL
EQUATIONS
PRESENTED AT THE 11th SYMPOSIUM ON ESTIMATION THEORY, UNIVERSITY OF
CALIFORNIA, BERKELEY, CALIFORNIA, JULY 1968.
OAR ACCESS NO.....210320-054
BY SHISHA S
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-1260A
AEROSPACE RESEARCH LABORATORIES
MEANS FOR RATIOS AND DIFFERENCE OF MEANS
PRESENTED AT THE NATIONAL BUREAU OF STANDARDS, WASHINGTON,
D. C., 10 JUNE 1968.
OAR ACCESS NO.....210320-055
BY SHISHA S
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1261A
AEROSPACE RESEARCH LABORATORIES
COMPRESSIBLE SPIN FLENS WITH CLOSED STREAMLINES AT HIGH
REYNOLDS NUMBERS
PRESENTED AT UNIVERSITY OF COLORADO, BOULDER, COLORADO, FEB
1968.
OAR ACCESS NO.....211320-014
BY GUDENLEV K G
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1262B
AEROSPACE RESEARCH LABORATORIES
ON CUMULATIVE DAMAGE AND RELIABILITY OF COMPONENTS
PRESENTED AT ANNUAL MEETING, INSTITUTE OF MATHEMATICAL
STATISTICS, MADISON, WISCONSIN, AUGUST 1968.
OAR ACCESS NO.....211400-001
BY MURPHY V K
INSTR...F33615-67-C-1865
PROJECT.....7071

ARL 68-1263A
AEROSPACE RESEARCH LABORATORIES
SOME RECENT DEVELOPMENTS ON MULTIPLE COMPARISON TESTS
PRESENTED AT MIAMI UNIVERSITY, OXFORD, OHIO, FEB 15, 1968
OAR ACCESS NO.....210290-027
BY KRISHNAIAH P R
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-1264A
AEROSPACE RESEARCH LABORATORIES
MULTIPLE COMPARISONS OF GROWTH CURVES
PRESENTED AT CINCINNATI CHAPTER OF THE AMERICAN STATISTICAL
ASSOCIATION, APRIL 2, 1968.
OAR ACCESS NO.....210290-028
BY KRISHNAIAH P R
INSTR...ARL-7071-00-12
PROJECT.....7071

ARL 68-1265A
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODEL FOR BLOOD SUGAR REGULATION
JULIEN DIABETIC CLINIC, HARVARD MEDICAL SCHOOL, JANUARY 1968
OAR ACCESS NO.....210230-013
BY KILAVEN L E
INSTR...ARL-7071-00-20
PROJECT.....7071

ARL 68-1266A
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODELING IN PHYSIOLOGY
CONFERENCE ON HORMONAL CONTROL SYSTEMS IN HEALTH AND
DISEASE, MONTE SINTA, CALIFORNIA, OCT 1967.
OAR ACCESS NO.....210230-016
BY KILAVEN L E
INSTR...ARL-7071-00-06
PROJECT.....7071

ARL 68-1267A
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODEL OF GLUCOSE HOMEOSTASIS
CALIFORNIA INSTITUTE OF TECHNOLOGY, JANUARY 1968
OAR ACCESS NO.....210230-015
BY KILAVEN L E
INSTR...ARL-7071-00-06
PROJECT.....7071

ARL 68-1268A
AEROSPACE RESEARCH LABORATORIES
PATH FUNCTIONS
AND SUMMER INSTITUTE SERIES, JULY 1968.
OAR ACCESS NO.....210320-056
BY SHISHA S
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1269A
AEROSPACE RESEARCH LABORATORIES
MECHANICAL DEFORMATION COURSE OF MATERIALS
PRESENTED AT THE 11th SYMPOSIUM ON ESTIMATION THEORY, UNIVERSITY OF
CALIFORNIA, BERKELEY, CALIFORNIA, JULY 1968.
OAR ACCESS NO.....210320-057
BY SHISHA S
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-1270L
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODELING OF PHYSIOLOGICAL SYSTEMS
APPLIED MATHEMATICS SUMMER LECTURE SERIES, JULY 1968.
DAR ACCESS NO.....210230-016
BY WILAVEN L C
INSTN...ARL-7071-00-06
PROJECT.....7071

ARL 68-1271L
AEROSPACE RESEARCH LABORATORIES
INEQUALITIES BETWEEN MEANS
LECTURES AT ARL, 23 JULY 1968
DAR ACCESS NO.....210320-057
BY SMITHA D
INSTN...ARL-7071-00-15
PROJECT.....7071

ARL 68-1272L
AEROSPACE RESEARCH LABORATORIES
DUALITY IN LINEAR PROGRAMMING
ARM SUMMER LECTURE SERIES, JULY 1968.
DAR ACCESS NO.....210320-058
BY MOND R
INSTN...ARL-7071-00-15
PROJECT.....7071

ARL 68-1273L
AEROSPACE RESEARCH LABORATORIES
HOW GOOD IS THE DIRECT-INTERACTION APPROXIMATION IN
TURBULENCE
PRESENTED ARM SUMMER LECTURE SERIES, AUGUST 1968.
DAR ACCESS NO.....211320-015
BY LEE J H
INSTN...ARL-7071-00-30
PROJECT.....7071

ARL 68-1274L
AEROSPACE RESEARCH LABORATORIES
ADVANCED CALCULUS
COURSE TAUGHT FOR CSU GRADUATE EXTENSION, SEPT - DEC 1968.
DAYTIME, SEPT - DEC 1968.
DAR ACCESS NO.....211320-016
BY LEE D A
INSTN...ARL-7071-00-20
PROJECT.....7071

ARL 68-1275L
AEROSPACE RESEARCH LABORATORIES
ABSOLUTE AND CONVECTIVE INSTABILITIES
ARM SUMMER SEMINAR, AUGUST 1968
DAR ACCESS NO.....211320-017
BY LEE D A
INSTN...ARL-7071-00-20
PROJECT.....7071

ARL 68-1276L
AEROSPACE RESEARCH LABORATORIES
COMPLEX VARIABLES AND APPLICATIONS
MINOR SEMINARS OF DAYTON, JANUARY 1968.
DAR ACCESS NO.....211320-018
BY LEE D A
INSTN...ARL-7071-00-20
PROJECT.....7071

ARL 68-1277L
AEROSPACE RESEARCH LABORATORIES
CLASSICAL MECHANICS AND CONTACT TRANSFORMATIONS
ARM SEMINAR, 1968
DAR ACCESS NO.....211320-019
BY LEE D A
INSTN...ARL-7071-00-20
PROJECT.....7071

ARL 68-1278L
AEROSPACE RESEARCH LABORATORIES
INTEGRAL TRANSFORM TECHNIQUES
MATHEMATICS DEPARTMENT, ARL
DAR ACCESS NO.....211320-020
BY LEE D A
INSTN...ARL-7071-00-20
PROJECT.....7071

ARL 68-1279L
AEROSPACE RESEARCH LABORATORIES
BOUNDARY VALUE SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
ARM SUMMER LECTURE SERIES, JULY 1968
DAR ACCESS NO.....210310-020
BY KILPAT C L
INSTN...ARL-7071-00-14
PROJECT.....7071

ARL 68-1280L
AEROSPACE RESEARCH LABORATORIES
LECTURES ON MATRIX THEORY
PRESENTED IN ARL CONFERENCE ROOM, 15-30 AUGUST 1968.
DAR ACCESS NO.....210320-059
BY FETTES M E
INSTN...ARL-7071-00-15
PROJECT.....7071

ARL 68-1281L
AEROSPACE RESEARCH LABORATORIES
THE CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL
EQUATIONS OF THE FIRST ORDER
SEMINAR ON THE BOOK OF KARATHEOPOULOS
DAR ACCESS NO.....211320-021
BY GUDERLEY K G
KELLER C L
ALISSER M I
INSTN...ARL-7071-00-20
PROJECT.....7071

ARL 68-1282L
AEROSPACE RESEARCH LABORATORIES
DOUBLE POINTS OF MATHEUS EQUATION
LECTURE PRESENTED AT ARL SEMINAR.
DAR ACCESS NO.....210310-021
BY BRANCH G
INSTN...ARL-7071-00-14
PROJECT.....7071

ARL 68-1283L
AEROSPACE RESEARCH LABORATORIES
GENERALIZATION OF GALCIS THEORY, CLASS FIELD THEORY AND
QUASI-FINITE FIELDS
AUGUST 1968, FROM MIAMI UNIVERSITY
DAR ACCESS NO.....210320-060
BY CUX M D
INSTN...ARL-7071-00-15
PROJECT.....7071

ARL 68-1284L
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL METHODS IN CELESTIAL MECHANICS
JUNE 1968, FROM PURDUE UNIVERSITY
DAR ACCESS NO.....211340-020
BY POLLARD A
INSTN...ARL-7071-00-22
PROJECT.....7071

ARL 68-1285L
AEROSPACE RESEARCH LABORATORIES
FUNCTIONAL ANALYTIC ASPECTS OF CONTROL THEORY
AUGUST 1968, FROM AF INSTITUTE OF TECHNOLOGY
DAR ACCESS NO.....210230-017
BY NORNIS D
INSTN...ARL-7071-00-06
PROJECT.....7071

ARL 68-1286L
AEROSPACE RESEARCH LABORATORIES
ON COMMUTATIVITY OF RINGS
AUGUST 1968, FROM BRIGHT STATE UNIVERSITY
DAR ACCESS NO.....210320-061
BY LUM J
INSTN...ARL-7071-00-15
PROJECT.....7071

ARL 68-1287L
AEROSPACE RESEARCH LABORATORIES
ASYMPTOTICALLY LOCALLY MOST POWERFUL RANK ORDER TEST
STATISTICS
FROM WAYNE STATE UNIVERSITY PRESENTED IN ARL CONFERENCE
ROOM, AUGUST 1968.
DAR ACCESS NO.....210280-035
BY TSAO C K
INSTN...ARL-7071-00-11
PROJECT.....7071

ARL 68-1288L
AEROSPACE RESEARCH LABORATORIES
COMPARISON THEOREMS FOR NONLINEAR ORDINARY BOUNDARY VALUE
PROBLEMS
SEPTEMBER 1968
DAR ACCESS NO.....211320-022
BY WERNER J
INSTN...ARL-7071-00-20
PROJECT.....7071

ARL 68-1289L
AEROSPACE RESEARCH LABORATORIES
INTERPOLATION AND FOURIER TRANSFORMATION OF TRANSIENTS
DAR ACCESS NO.....210230-018
BY SHANKLAND D
INSTN...ARL-7071-00-06
PROJECT.....7071

ARL 68-1290N
AEROSPACE RESEARCH LABORATORIES
THE CATEGORIZATION AND EVALUATION OF SEQUENCES OF TWO-LEVEL
FRACTIONAL FACTORIAL PLANS
LECTURE PRESENTED IN ARL AUDITORIUM IN APRIL 1968. FROM
STATE UNIVERSITY OF NEW YORK
BY ADDELMAN S
DAR AC NO.....210272-012
INST L-7071-00-10
PROJ7071

ARL 68-1291N
AEROSPACE RESEARCH LABORATORIES
MINIMUM PARTITIONS OF GRAPHS
AUGUST 1968, FROM WRIGHT STATE UNIVERSITY
BY WHITE L J
DAR ACCESS NO.....210310-022
INSTN...ARL-7071-00-14
PROJECT.....7071

ARL 68-1292N
AEROSPACE RESEARCH LABORATORIES
FATIGUE-LIFE AND MINERS RULE
PRESENTED IN ARL CONFERENCE ROOM, JANUARY 1968, FROM
UNIVERSITY OF WASHINGTON
BY BIRNBAUM Z W
DAR ACCESS NO.....210280-036
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-1293N
AEROSPACE RESEARCH LABORATORIES
SOME MATHEMATICS OF LIFE-LENGTHS--OLD AND NEW
BY BIRNBAUM Z W
DAR ACCESS NO.....210280-037
INSTR...ARL-7071-00-11
PROJECT.....7071

ARL 68-1294N
AEROSPACE RESEARCH LABORATORIES
MATHEMATICAL MODEL IDENTIFICATION IN PHYSIOLOGY
JULY 1968, FROM CALIFORNIA INSTITUTE OF TECHNOLOGY
BY CHAPETTE W H
DAR ACCESS NO.....210230-019
INSTR...ARL-7071-00-06
PROJECT.....7071

ARL 68-1295N
AEROSPACE RESEARCH LABORATORIES
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS
OF THE FIRST ORDER
1968, FROM FORHAM UNIVERSITY
BY AISSFM M
DAR ACCESS NO.....210320-062
INSTR...ARL-7071-00-15
PROJECT.....7071

ARL 68-1296I
AEROSPACE RESEARCH LABORATORIES
MINIMUM TIME FOR FANTH TO MARS TRAJECTORY FOR A SOLAR SAIL
M.S. THESIS, AFIT, GGC/EE/68-3 1968
BY BIRNBAUM M
DAR ACCESS NO.....211340-021
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 68-1297I
AEROSPACE RESEARCH LABORATORIES
SOME APPLICATIONS OF THE PEAK GAIN CRITERION
DIRECTED BY G. K. SÖPFR, AFIT-SEP, AND D. A. LEE /ARM/.
BY ERNST T
DAR ACCESS NO.....211330-013
INSTN...ARL-7071-00-21
PROJECT.....7071

ARL 68-1298I
AEROSPACE RESEARCH LABORATORIES
SIMULATION STUDY OF INFRARED COUNTERMEASURES
M. S. THESIS, AFIT, GGC/EE/68-7 /1968/.
BY OUTGLEY N A
DAR ACCESS NO.....211340-022
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 68-1299I
AEROSPACE RESEARCH LABORATORIES
THE EFFECTS OF TIDAL FRICTION ON THE EVOLUTION OF THE
MARTIAN MGN PHOIDS
M. S. THESIS, AFIT, GGC/MECH/68-4 /1968/.
BY ADDELMAN W
DAR ACCESS NO.....211340-023
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 68-1300I
AEROSPACE RESEARCH LABORATORIES
ANALYSIS OF A CIRCLING LINE
M.S. THESIS, AFIT, GGC/ME/68-6 /1968/.
BY ZIMMERMAN A R
DAR ACCESS NO.....211340-024
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 68-1301A
AEROSPACE RESEARCH LABORATORIES
A STUDY OF INFRARED RADIATION AND ITS SUPPRESSION FROM THE
EXHAUST PLUMES OF JET AIRCRAFT DURING AFTERBURNER
OPERATIONS
PRESENTED AT AIR FORCE SCIENCE AND ENGINEERING SYMPOSIUM,
AIR FORCE ACADEMY, COLORADO, 31 OCT 68.
BY MORRISON M E
DAR ACCESS NO.....211150-026
SCHELLER K
INSTR...ARL-7023-00-11
PROJECT.....7023

ARL 68-1302A
AEROSPACE RESEARCH LABORATORIES
N.M.R. STUDIES OF OPTICAL INVERSION OF OCTAHEDRAL COMPLEXES
PRESENTED AT 155TH AMERICAN CHEMICAL SOCIETY NATIONAL
MEETING, SAN FRANCISCO, CALIFORNIA, APRIL 1968.
BY FORTMAN J J
DAR ACCESS NO.....209700-101
SIEVERS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1303A
AEROSPACE RESEARCH LABORATORIES
THE NON-CHEMISTRY IN CHEMISTRY
PRESENTED TO THE HONORS SEMINAR OF SPRINGFIELD, SPRINGFIELD
OHIO, 4 NOV 1968.
BY SPALTER L
DAR ACCESS NO.....209720-056
INSTR...ARL-7023-00-09
PROJECT.....7023

ARL 68-1304N
MAX PLANCK INSTITUTE
EXPERIMENTS ON LASER INTERACTION WITH MATTER /FROZEN
HYDROGEN/
PRESENTED AT ARL IN ARL CONFERENCE ROOM /4 NOV 1968/
BY WITKOWSKI S
DAR ACCESS NO.....211350-007
INSTR...ARL-7063-00-12
PROJECT.....7063

ARL 68-1305N
MAX PLANCK INSTITUTE
HIGH POWER CRYOGENIC AND SUPERCONDUCTING MAGNET TECHNOLOGY
PRESENTATION AT ARL CONFERENCE ROOM, MM.A-119 /1 NOV. 1968/
BY OSWALD B
DAR ACCESS NO.....211360-008
INSTR...ARL-7063-00-13
PROJECT.....7063

ARL 68-1306C
AEROSPACE RESEARCH LABORATORIES
BLUNT-TRAILING-EDGE SUPERSONIC COMPRESSOR
DAR RESEARCH REVIEW ARTICLE, VOL. VII, NO. 6, JUNE 1968,
PP 43-44.
BY WENNERSTROM A J
DAR ACCESS NO.....210110-006
INSTR...ARL-7065-00-04
PROJECT.....7065

ARL 68-1307G
AEROSPACE RESEARCH LABORATORIES
VOLATILE RARE-EARTH CHELATES OF 2,2,6,6-TETRAMETHYLHEPTANE-
3,5-DIONE
FROM INORGANIC SYNTHESIS, VOLUME XI, W. L. JOLLY, EDITOR,
CHAPTER 3 /17/ 94, MCGRAW-HILL /1968/.
BY EISENTRAUT K J
DAR ACCESS NO.....209700-102
SIEVERS R E
INSTR...ARL-7023-00-07
PROJECT.....7023

ARL 68-1308L
AEROSPACE RESEARCH LABORATORIES
PROGRAM AND PROBLEMS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY
PRESENTED AT THE CZECHOSLOVAKIAN INSTITUTE OF ELECTRICAL
ENGINEERING, BRNO, CZECHOSLOVAKIA, /8 SEPTEMBER 1967/
BY SOENNGEN E E
DAR ACCESS NO.....211360-004
INSTN...ARL-7063-00-13
PROJECT.....7063

ANL 64-1309L
 AEROSPACE RESEARCH LABORATORIES
 PROGRAM AND PROBLEMS OF RESEARCH ON ELECTRIC ARC TECHNOLOGY
 PRESENTED AT THE ELECTRICAL RESEARCH ASSOCIATION (ERA),
 LEATHERHEAD, ENGLAND, 31 JULY 1967
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-010
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1310L
 AEROSPACE RESEARCH LABORATORIES
 MAGNETICALLY INDUCED PLASMA STREAMING AND THE MOTION OF
 ELECTRIC ARCS
 PRESENTED AT THE UNIVERSITY OF LIVERPOOL, ELECTRICAL
 ENGINEERING DEPT., LIVERPOOL, ENGLAND, 24 AUGUST 1967
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-011
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1311L
 AEROSPACE RESEARCH LABORATORIES
 ARC PROGRAM AND PROBLEMS IN ARC RESEARCH
 PRESENTED AT THE UNIVERSITY OF LEEDS, ELECTRICAL
 ENGINEERING DEPT., LEEDS, ENGLAND, 29 AUGUST 1967
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-012
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1312L
 AEROSPACE RESEARCH LABORATORIES
 ARCS IN MAGNETIC FIELDS
 PRESENTED AT THE UNIVERSITY OF KIEL, INSTITUTE OF
 EXPERIMENTAL PHYSICS, KIEL, GERMANY, 21 AUGUST 1967
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-013
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1313L
 AEROSPACE RESEARCH LABORATORIES
 RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO AEROSPACE
 PROBLEMS
 PRESENTED AT THE GERMAN AEROSPACE RESEARCH INST., DFLV,
 DRAUNSCHEIDT, GERMANY 24 AUG 67
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-014
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1314L
 AEROSPACE RESEARCH LABORATORIES
 PROGRAM AND PROBLEMS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY
 PRESENTED AT THE TECHNICAL UNIVERSITY OF DRAUNSCHEIDT,
 ELECTRICAL ENGINEERING DEPT., DRAUNSCHEIDT, GERMANY 25
 AUGUST 1967
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-015
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1315L
 AEROSPACE RESEARCH LABORATORIES
 PROBLEMS IN RESEARCH ON ELECTRIC ARC TECHNOLOGY
 PRESENTED AT THE MOSCOW AIRCRAFT INSTITUTE, MOSCOW, USSR,
 23 MAY 1968
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-016
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1316L
 AEROSPACE RESEARCH LABORATORIES
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT
 TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 PRESENTED AT THE MOSCOW AIRCRAFT INSTITUTE, MOSCOW, USSR /
 23 MAY 1968
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-017
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1317L
 AEROSPACE RESEARCH LABORATORIES
 SOME PROBLEMS IN RESEARCH ON ELECTRIC ARC TECHNOLOGY
 PRESENTED AT THE INSTITUTE OF HEAT AND MASS TRANSFER OF THE
 SOVIET ACADEMY OF SCIENCES, MINSK, USSR, 27 MAY 1968
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-018
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1318A
 AEROSPACE RESEARCH LABORATORIES
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT
 TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 PRESENTED AT THE ALL UNION CONFERENCE ON HEAT AND MASS
 TRANSFER, MINSK, USSR, 26 MAY 1968
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-019
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1319L
 AEROSPACE RESEARCH LABORATORIES
 MAGNETICALLY INDUCED PLASMA STREAMING AND ITS APPLICATION
 TO AEROSPACE TECHNOLOGY
 PRESENTED AT THE TECHNICAL UNIVERSITY (ETH), ZURICH,
 SWITZERLAND, 230 APRIL 1968
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-020
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1320L
 AEROSPACE RESEARCH LABORATORIES
 THE INTERACTION BETWEEN ELECTRIC ARC COLUMNS AND PARALLEL
 OR TRANSVERSE GAS FLOW
 PRESENTED AT THE ARCON-ROVERI CORPORATION GENERAL RESEARCH
 LABORATORY, MADON, SWITZERLAND, 230 APRIL 1968
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-021
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1321A
 AEROSPACE RESEARCH LABORATORIES
 EXPERIMENTAL STUDIES OF FREE AND FORCED CONVECTION HEAT
 TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 PRESENTED AT SPECIALISTS MEETING OF GERMAN ENGINEERS
 ASSOCIATION (VDI) ON HEAT AND MASS TRANSFER, MADON-BADEB,
 GERMANY 225 MAY 1968
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-022
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1322L
 AEROSPACE RESEARCH LABORATORIES
 PROGRAM AND PROBLEMS OF RESEARCH IN ARC TECHNOLOGY WITH
 RESPECT TO AEROSPACE APPLICATIONS
 SERIES OF THREE LECTURES PRESENTED AT THE MAX PLANCK
 INSTITUTE FOR PLASMA PHYSICS, GARCHING, GERMANY, 26.13.14
 MARCH 1968
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-023
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1323A
 AEROSPACE RESEARCH LABORATORIES
 U.S.-GERMAN RESEARCH COOPERATION IN MHD
 CHAIRMAN OF WORKSHOP ON U.S.-GERMAN RESEARCH COOPERATION
 IN MHD, MAX PLANCK INST. FOR PLASMA PHYSICS, GARCHING,
 GERMANY 213-15 FEB 1968
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-024
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1324L
 AEROSPACE RESEARCH LABORATORIES
 RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO
 AEROSPACE PROBLEMS
 PRESENTED AT THE TECHNICAL UNIVERSITY, INSTITUTE FOR
 PHYSICS AND CHEMISTRY, MUNICH, GERMANY 210 JANUARY 1968
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-025
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1325L
 AEROSPACE RESEARCH LABORATORIES
 AEROSPACE RESEARCH IN ARC TECHNOLOGY AND ITS INDUSTRIAL
 APPLICATIONS
 PRESENTED AT THE GENERAL RESEARCH LABORATORY, DAVEN WERKE,
 LEVERKUSEN, GERMANY 228 DECEMBER 1967
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-026
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ANL 64-1326L
 AEROSPACE RESEARCH LABORATORIES
 MAGNETICALLY INDUCED PLASMA STREAMING AND MOTION OF
 ELECTRIC ARCS
 PRESENTED AT THE HIGH TEMPERATURE INSTITUTE, MOSCOW, USSR
 224 MAY 1968
 HY SOEHNGEN E E
 DAK ACCESS NO.....211360-027
 INSTR...ARL-7063-00-13
 PROJECT.....7063

ARL 68-1327L
AEROSPACE RESEARCH LABORATORIES
STATE OF THE ART OF MPD ACCELERATION RESEARCH
PRESENTED AT THE ROYAL AIRCRAFT ESTABLISHMENT /RAE/,
FARNBOROUGH, ENGLAND, 728 JULY 1967.
OAR ACCESS NO.....211360-028
BY SOEMNGEY E E
INSTR...ARL-7063-00-13
PROJECT.....7063

ARL 68-1328L
AEROSPACE RESEARCH LABORATORIES
INVESTIGATION OF MOTION IN Cislunar SPACE USING THE VENT
RESTRICTED FOUR-BODY MODEL
M. S. THESES, AFIT GGC/EF/68-4 /1968/
OAR ACCESS NO.....211340-025
BY FEILNEH P W
INSTR...ARL-7071-00-22
PROJECT.....7071

ARL 68-1329H
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
PHOTOLYSIS OF SUBAMBIENT SUPPER PLUS IONS FROM ISCHERIC
DEACTIVATION OF ETHYLENE/ETHYLENE MOLECULE REACTIONS
SYMPOSIUM ON PHOTOCHEMICAL PROCESSES, SOUTHWESTERN REGIONAL
MEETING, AMERICAN CHEMICAL SOCIETY, AUSTIN, TEXAS, 6 DEC 68
OAR ACCESS NO.....211120-004
BY GILL D S
MISLS G G
CHEN C T
INSTR...F33615-67-C-1758
PROJECT.....7023

ARL 68-1330D
OHIO STATE UNIVERSITY RESEARCH FOUNDATION
THE RADIATION CHEMISTRY OF GAS-PHASE CARBON TETRACHLORIDE-
CARBON TETRAFLUORIDE MIXTURES
PRESENTED AT SOUTHEASTERN REGIONAL MEETING OF THE AMERICAN
CHEMICAL SOCIETY, TALLAHASSEE, FLORIDA, 4 DEC 68.
OAR ACCESS NO.....211120-005
BY MARCOTTE N F
HANAHAN R J
INSTR...F33615-67-C-1758
PROJECT.....7023

ARL 68-1331A
UNIVERSITY OF HOUSTON
ION POLAR MOLECULE REACTIONS/ ENERGY DEPENDENCY OF
HYDROGEN ATOM AND ION TRANSFER IN THE METHANOL-ACETALDEHYDE
SYSTEM
PRESENTED AT SYMPOSIUM ON FUNDAMENTAL PROCESSES IN GAS
KINETICS, SOUTHWEST REGIONAL MEETING OF THE AMERICAN
CHEMICAL SOCIETY, AUSTIN, TEXAS, 5 DEC 68.
OAR ACCESS NO.....209730-137
BY LEGER L J
MISLS G G
TIERNAN T O
INSTR...ARL-7023-00-10
PROJECT.....7023

ARL 68-1332A
AEROSPACE RESEARCH LABORATORIES
EVALUATION OF THE PACE KP109 PRESSURE TRANSDUCER FOR USE IN
A HYPERSONIC WIND TUNNEL
PAPER PRESENTED AT 30TH SUPERSONIC TUNNEL ASSN MTG, OHIO
STATE UNIV, COLUMBUS, OH, 2-4 OCT 68.
OAR ACCESS NO.....211780-003
BY GUJANA E S JR
INSTR...ARL-7065-00-11
PROJECT.....7065

ARL 68-1333C
AEROSPACE RESEARCH LABORATORIES
TWO MODES OF MOMENTUM TRANSFER FOR A STATIONARY ARC IN A
TRANSVERSE MAGNETIC FIELD
OAR RESEARCH REVIEW VOL. VII, NO. 4, PP. 13-15, AUGUST 1968
OAR ACCESS NO.....211360-031
BY GIANNOTTA S F
SCHWADE M O
INSTR...ARL-7063-00-13
PROJECT.....7063

ARL 68-1334C
AEROSPACE RESEARCH LABORATORIES
SELF-DIFFUSION OF RADIOACTIVE TRACERS ACROSS DISCONTINUOUS
SURFACES
OAR RESEARCH REVIEW VOL. VII, NO. 4, PP. 10-11, AUGUST 1968
OAR ACCESS NO.....211680-007
BY CRAMER K R
INSTR...ARL-7063-00-16
PROJECT.....7063

ARL 68-1335B
NAB YINIA UNIVERSITY
A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT
SUPERSONIC FLOW
PAPER PRESENTED AT THE STA MEETING IN MAY 1968.
OAR ACCESS NO.....209301-009
BY MEDECKI P
SLOVAK M
INSTR...F33615-68-C-1104
PROJECT.....7064

ARL 68-1336C
AEROSPACE RESEARCH LABORATORIES
METALLURGY AND CERAMICS RESEARCH LABORATORY
PUBLISHED IN OAR RESEARCH REVIEW, VOL VII, NUMBER 6, JUNE 6
OAR ACCESS NO.....209990-032
BY MASSELL E J
INSTR...ARL-7021-00-08
PROJECT.....7021

ARL 68-1337A
AEROSPACE RESEARCH LABORATORIES
RESONANCE LEVELS IN P SUPPER 30 FROM THE S1 SUPPER 29 P.P
S1 SUPPER 24 REACTION
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF
THE APS, 25-27NOV68
OAR ACCESS NO.....210430-033
BY NANTHURUTHIL J C
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1338A
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF P SUPPER 30 LEVELS
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF
THE APS, 25-27NOV68
OAR ACCESS NO.....210420-050
BY HARRIS G I
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1339A
AEROSPACE RESEARCH LABORATORIES
PROPERTIES OF C1 SUPPER 37 FROM THE S SUPPER 36 P, GAMMA C1
SUPPER 37 REACTION
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF
THE APS, 25-27NOV68
OAR ACCESS NO.....210420-051
BY HARRIS G I
HERRIZO J
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1340A
AEROSPACE RESEARCH LABORATORIES
ANALOG DOUBLET IN C1 SUPPER 35
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF
THE APS, 25-27NOV68
OAR ACCESS NO.....210420-052
BY WATSON D O
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1341A
AEROSPACE RESEARCH LABORATORIES
NUCLEAR STRUCTURE OF SC SUPPER 43 11, GAMMA-RAY ANGULAR
CORRELATIONS
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF
THE APS, 25-27NOV68
OAR ACCESS NO.....210430-034
BY POIRIER C P
NANTHURUTHIL J C
WALINGA J
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1342A
AEROSPACE RESEARCH LABORATORIES
NUCLEAR STRUCTURE OF SC SUPPER 43 1, ENERGY LEVELS AND
DECAY SCHEMES
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF
THE APS, 25-27NOV68
OAR ACCESS NO.....210430-035
BY NANTHURUTHIL J C
POIRIER C P
WALINGA J
INSTR...ARL-7112-00-02
PROJECT.....7112

ARL 68-1343A
AEROSPACE RESEARCH LABORATORIES
MULTIPOLARITY ASSIGNMENTS IN IN SUPPER 193
PRESENTED AT THE FALL MEETING AT MIAMI BEACH, FLORIDA OF
THE APS, 25-27NOV68
OAR ACCESS NO.....210420-053
BY COTHELM C R
SCHENKER J F
HENNECKE M J
NANTHURUTHIL J C
LANGE R C
INSTR...ARL-7112-00-01
PROJECT.....7112

ARL 68-1344A
AEROSPACE RESEARCH LABORATORIES
DIAGNOSIS OF SPACECRAFT SURFACE PROPERTIES AND DYNAMICAL
MOTIONS BY OPTICAL PHOTOMETRY.
PRESENTED AT COSPAR SYMPOSIUM IN TOKYO, JAPAN, MAY 1968
OAR ACCESS NO.....210460-014
BY KISSELL K E
INSTR...ARL-7114-00-03
PROJECT.....7114

ARL 68-1145A
AEROSPACE RESEARCH LABORATORIES
THE DECAY OF CE SUPPER 143
PAPER PRESENTED TO THE AMERICAN PHYSICAL SOCIETY MTG. #ASHI
O. C., APRIL 1968
DAY ACCESS NO.....210430-036
BY COTHEARN C R
RUBEN J J
HEINICKE H J
NANTHURUTHIL J C
INST.....ARL-7119-00-02
PROJECT.....7112

ARL 68-1366A
AEROSPACE RESEARCH LABORATORIES
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN
ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART I
FUNDAMENTAL CONSIDERATIONS
ARTICLE PUBLISHED IN AGARDGRAPH NO. 122
DAY ACCESS NO.....210500-009
BY DEFAIDE J A
INST.....ARL-7116-00-31
PROJECT.....7116

ARL 68-1347L
AEROSPACE RESEARCH LABORATORIES
COSMOLOGY
LECTURE TO SPRINGFIELD ENGINEERS CLUB, SPRINGFIELD, OHIO
DAY ACCESS NO.....211270-002
BY FICKLER S I
INST.....ARL-7118-00-03
PROJECT.....7114

ARL 68-1349L
AEROSPACE RESEARCH LABORATORIES
THE EVALUATION OF A COSMOLOGICAL MODEL
TWO LECTURES TO UNIVERSITY OF CINCINNATI, PHYSICS
DEPARTMENT
DAY ACCESS NO.....211270-003
BY FICKLER S I
INST.....ARL-7118-00-09
PROJECT.....7114

ARL 68-1349L
AEROSPACE RESEARCH LABORATORIES
ELECTRONIC STRUCTURE OF II-VI AND III-V COMPOUNDS AS
CALCULATED BY THE GCM METHOD
LECTURE AT THE UNIVERSITY OF WASHINGTON, NOVEMBER 1968
DAY ACCESS NO.....210500-030
BY GILLINS T C
INST.....ARL-7885-00-04
PROJECT.....7885

ARL 68-1350A
AEROSPACE RESEARCH LABORATORIES
STUDIES OF HYDROGEN-AIR SUPERSONIC COMBUSTION AT LOW
DENSITIES
PAPER PRESENTED AT WESTERN STATES SECTION THE COMBUSTION
INSTITUTE, STANFORD RESEARCH INSTITUTE, MENLO PARK, CA, 28-29
OCT 68
DAY ACCESS NO.....210500-009
BY HARMON J E
HUNN H S
INST.....ARL-7885-00-16
PROJECT.....7885

ARL 68-1351A
AEROSPACE RESEARCH LABORATORIES
ON WORKING AXIAL-FLUX AND EXCITON-IMPURITY IN II-VI
VERBINDUNGEN MIT NÜTZLICHE STRUKTUR
PRESENTATION AT THE SEMICONDUCTION CONFERENCE, DRESDEN,
GERMANY, MARCH 14-25, 1968
DAY ACCESS NO.....210500-004
BY KISSA T
LANGER J
INST.....ARL-7885-00-02
PROJECT.....7885

ARL 68-1352A
CASE WESTERN RESERVE UNIVERSITY
THE THERMAL PROPERTIES OF EXCITON LEVELS IN II-VI COMPOUND
SEMICONDUCTORS
LECTURE GIVEN AT ARL, 15 NOV 68
DAY ACCESS NO.....209520-049
BY SEIGAL H
INST.....AF-33/615/02272
PROJECT.....7885

ARL 68-1353M
AEROSPACE RESEARCH LABORATORIES
TUNNELING EFFECTS IN SOLIDS
LECTURE GIVEN AT ARL, 14 OCTOBER 1968
DAY ACCESS NO.....209520-050
BY TISAKI E
INST.....AF-33/615/02272
PROJECT.....7885

ARL 68-1354M
MIT LINCOLN LABORATORIES
EXPERIMENTAL DETERMINATION OF THE ELECTRON DENSITIES IN
SOME OF THE II-VI COMPOUNDS WITH THE THEORETICALLY
CALCULATED ELECTRON DENSITIES IN THE SAME COMPOUNDS
LECTURE GIVEN AT ARL, 10 SEPT 1968
DAY ACCESS NO.....209520-051
BY RACCAH P
INST.....AF-33/615/02272
PROJECT.....7885

ARL 68-1355M
PURDUE UNIVERSITY
THEORY OF EXCITON-IMPURITY COMPLEXES
LECTURE GIVEN AT ARL, 8 MARCH 1968
DAY ACCESS NO.....209520-052
BY SHARMA K R
INST.....AF-33/615/02272
PROJECT.....7885

ARL 68-1356M
UNIVERSITY OF SALFORD
THE THERMAL EXPANSION OF SOLIDS
LECTURE GIVEN AT ARL, 19 AUG 1968
DAY ACCESS NO.....209520-053
BY YATES B
INST.....AF-33/615/02272
PROJECT.....7885

ARL 68-1357M
UNIVERSITY OF WASHINGTON
CURRENT OSCILLATION AND SATURATION IN GCM
LECTURE GIVEN AT ARL, 10 JUNE 1968
DAY ACCESS NO.....209520-054
BY YEE S
INST.....AF-33/615/02272
PROJECT.....7885

ARL 68-1358M
UNIVERSITY OF NEBRASKA
PHOTON EFFECTS ON CARRIER TRANSITIONS AT IMPURITY CENTERS
LECTURE GIVEN AT ARL, 12 DECEMBER 1968
DAY ACCESS NO.....209520-055
BY HANDY J H
INST.....AF-33/615/02272
PROJECT.....7885

ARL 68-1359M
UNIVERSITY OF CINCINNATI
PARAELECTRIC DIPOLE EFFECTS IN SOLIDS
LECTURE GIVEN AT ARL, 2 DECEMBER 1968
DAY ACCESS NO.....209520-056
BY FROEN R
INST.....AF-33/615/02272
PROJECT.....7885

ARL 68-1360M
HOLL TELEPHONE LABORATORIES
OPTICAL STUDIES OF DEEP ELECTRON TRAPS IN GAN
LECTURE GIVEN AT ARL, 30 OCTOBER 1968
DAY ACCESS NO.....209520-057
BY HUNNY C
INST.....AF-33/615/02272
PROJECT.....7885

ARL 68-1361M
UNIVERSITY OF CINCINNATI
PARAELECTRIC DIPOLE EFFECTS IN SOLIDS
LECTURE GIVEN AT ARL, 2 DECEMBER 1968
DAY ACCESS NO.....209520-058
BY FROEN R
INST.....AF-33/615/02272
PROJECT.....7885

ARL 68-1362A
SOLID STATE PHYSICS RESEARCH LABORATORY
EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM GDS
PLATELETS
PRESENTED AT THE 9TH INTERNATIONAL CONF ON THE PHYSICS OF
SEMICONDUCTORS, MOSCOW, RUSSIA, JULY 1968
DAY ACCESS NO.....210500-037
BY REYNOLDS D C
CORREIA H N
GILLINS T C
INST.....ARL-7885-00-04
PROJECT.....7885

ARL 68-1363A
AEROSPACE RESEARCH LABORATORIES
EXCITONS IN II-VI COMPOUNDS
PUBLISHED IN PROCEEDINGS OF A NATO INTL ADVANCED STUDY
INSTITUTE, UNIV OF FREIBURG, GERMANY, OCTOBER 1968
DAY ACCESS NO.....210500-038
BY REYNOLDS D C
INST.....ARL-7885-00-16
PROJECT.....7885

WHIDDEN R W AFCL 68-0369	WHITTEN J L AFOSR 67-2468	WILLAMSON R R ARL 68-0132U	WILLIAMSON R AFOSR 67-0069
WHINERAY S AFOSR 67-1768	WIERG K B AFOSR 67-2760	WILLFNS R H AFOSR 67-1237	WILLIAMSON S J AFOSR 67-1017
WHINERY J R AFOSR 67-1396 AFOSR 68-0980	WICHMANN H G ARL 68-1016N	WILLIAM C BLACK JR AFOSR 68-1874	WILLIS C H AFCL 68-0108
WHITE D R ARL 67-0139V ARL 67-0209W ARL 67-1090R	WIDDER D V AFOSR 68-1472	WILLIAMS A D AFOSR 67-1482 AFOSR 67-1483 AFOSR 67-2535	WILLIS D E AFOSR 67-2773 AFOSR 68-1943
WHITE H W AFOSR 67-2712 AFOSR 68-0168	WIDOM D AFOSR 67-2300	WILLIAMS C AFOSR 67-2162	WILLIS O R AFOSR 67-1897
WHITE J AFOSR 68-2857	WIDOM H AFOSR 67-0748 AFOSR 67-2757 AFOSR 68-2893	WILLIAMS C F AFCL 67-0499	WILLMARTH W W ARL 67-0084W
WHITE J F AFOSR 67-1987 AFOSR 68-0174	WIENER R N AFCL 67-0512	WILLIAMS D AFCL 68-0008	WILLMES H ARL 67-1040A ARL 67-1248C ARL 68-0009V ARL 68-0311V ARL 68-1200A ARL 68-1202A ARL 68-1208A ARL 68-1214A
WHITE J T AFCL 68-0247	WIFALL J R ARL 67-1078A ARL 68-1367A	WILLIAMS D T AFCL 68-0294	WILLOUGHBY R A AFOSR 68-0874
WHITE K J AFOSR 67-0799	WIGHT L H AFOSR 67-1904	WILLIAMS F A AFOSR 67-1902 AFOSR 68-2825	WILLSON A N JR HADC 67-0328
WHITE L J ARL 68-1291N	WILBAND J T AFOSR 68-0497	WILLIAMS G ARL 68-0022U	WILSEN C W AFOSR 67-0607
WHITE R B AFOSR 68-1802	WILDER C G AFOSR 67-1320	WILLIAMS G A AFOSR 68-1548	WILQUEF G AFOSR 67-1005
WHITEHEAD W D JR AFOSR 68-0876	WILCOX R E AFOSR 67-1699	WILLIAMS H P AFOSR 67-2705 AFOSR 68-0353	WILSHAW T R AFOSR 68-1497 AFOSR 68-1499
WHITEHURST R N AFOSR 67-1354	WILD R L AFOSR 67-0237 AFOSR 67-1753	WILLIAMS J ARL 67-1066J	WILSON D AFOSR 67-1344
WHITESIDES G M AFOSR 67-1432 AFOSR 67-2679	WILDENTHAL R ARL 67-1177N	WILLIAMS J E C AFOSR 67-0693 AFOSR 67-2250 AFOSR 67-2370	WILSON D A AFCL 67-0658
WHITMAN D R AFOSR 68-0950	WILEY J O ARL 68-0190H ARL 68-0297W	WILLIAMS J M AFOSR 67-0084 AFOSR 67-2289	WILSON D K AFCL 67-0068 AFCL 68-0250
WHITMAN G AFCL 68-0348	WILEY W J AFOSR 68-0130	WILLIAMS J W AFOSR 67-2020 AFOSR 68-0977	WILSON D M AFOSR 68-1691
WHITMORE D M AFOSR 67-0786	WILKES G W AFOSR 67-0723	WILLIAMS M Y AFOSR 67-0268	WILSON F W JR AFOSR 67-1042 AFOSR 67-2174 AFOSR 68-2434
WHITNEY H E AFCL 68-0138 AFCL 68-0380	WILKINSON C D W AFOSR 68-2623	WILLIAMS R M JR AFOSR 68-0473	WILSON H R AFOSR 68-2651
WHITNEY W M AFOSR 67-2071	WILKINSON F ARL 67-1097A ARL 67-1162N ARL 67-1163N ARL 67-1164N ARL 68-0129V	WILLIAMS R S AFCL 67-0398	WILSON L AFOSR 67-1725 AFOSR 68-0316
WHITSEL B L AFOSR 68-0672	WILKINSON J M AFCL 67-0312	WILLIAMS R S JR AFCL 68-0572	WILSON R AFOSR 67-2565
WHITTAKER J O AFOSR 67-0835 AFOSR 67-1420 AFOSR 67-1660 AFOSR 67-1722 AFOSR 67-2008 AFOSR 67-2455 AFOSR 68-2549	WILKOV N A AFOSR 67-2399	WILLIAMS T G AFOSR 67-0258	WILSON W A AFOSR 68-2860
WHITTAKER T F AFOSR 67-1585	WILKS Y AFOSR 68-0365 AFOSR 68-0796	WILLIAMS V E AFOSR 68-1059	WINNER J M ARL 67-0126V ARL 67-1380A ARL 68-1171A
WHITTEN D G AFOSR 67-0109 AFOSR 68-0835 AFOSR 68-2854	WILL M AFCL 67-0155	WILLIAMS W AFCL 67-0572 AFCL 68-0436	WIMP J ARL 68-0105W
	WILL M A AFCL 68-0170	WILLIAMS W J AFCL 67-0211 AFCL 67-0448 AFCL 68-0505	
	WILL T A AFOSR 67-1773		

WINDOM G A AFOSR 66-0779	WINNIVESKY D AFOSR 66-2476	WOLF R AFOSR 67-0697	WONG J S L AFCL 67-0441
WINCHESTER R V AFOSM 66-2519	WITROWSKI S ARL 66-1304N	WOLF R J AFOSR 67-0287	WONG M S AFCL 67-0774
WINDER R D AFCL 67-0619 AFCL 66-0066 AFOSR 66-1297	WITTENBERG H A AFOSR 67-1606	WOLFENBERG M S AFOSR 67-2401	WONG M S AFCL 67-0171 AFCL 66-0211
WINDLE D W AFCL 66-0645	WITTENBERG J R AFOSM 67-1606	WOLFE J D AFOSR 66-0870	WONG P AFOSR 67-1187 AFOSR 67-2619
WINDSON M W ARL 67-1080H ARL 66-0144W ARL 66-0325W ARL 66-1123R	WITTIG C F AFOSR 66-2855	WOLFENDALE A W AFOSM 67-0261 AFOSR 67-0262 AFOSR 67-2656	WONG V K AFOSR 67-2765
WINEFORDNER J D AFOSM 67-1036 AFOSM 67-1038 AFOSR 67-1299 AFOSR 67-1300 AFOSR 67-1301 AFOSR 67-1302 AFOSR 67-1303 AFOSM 67-1920 AFOSM 67-2514 AFOSR 67-2705 AFOSM 67-2810 AFOSR 67-2812 AFOSR 66-0337 AFOSR 66-0338 AFOSR 66-0353 AFOSR 66-0354 AFOSR 66-0355 AFOSR 66-0356 AFOSR 66-0405 AFOSR 66-0690 AFOSR 66-0754 AFOSR 66-1804	WITTLIFF C E ARL 67-0134U	WOLFF G A AFCL 67-0271 AFCL 67-0509 AFCL 66-0288	WONHAM W M AFOSR 67-0697 AFOSM 67-2299 AFOSR 66-1315
WINICOUR J ARL 67-1055L ARL 67-1056L ARL 67-1100A ARL 66-0125V ARL 66-0172V	WITTRY D R AFOSR 67-0453 AFOSM 67-1391 AFOSR 67-1410 AFOSR 67-1657 AFOSR 67-2829 AFOSR 67-2830 AFOSR 66-1806	WOLFOWITZ J AFOSR 66-1480 AFOSR 66-1538 AFOSR 66-1539	WOOD C H AFOSM 67-1393 AFOSM 67-1617 AFOSR 67-1746 AFOSR 66-1470
WINICOUR J M ARL 67-0029V	WIZGALL M AFOSR 67-2424 AFOSR 67-2584	WOLFSON R G AFOSR 67-0625	WOOD J K AFCL 67-0268
WINNEWISSEN G AFOSR 66-2650	WLAECKA J D AFOSR 67-0577	WULGA G J AFCL 67-0052 AFCL 66-0446	WOOD L M AFOSM 67-0951
WINSLOW D AFOSR 66-2932	WOMERS W R AFOSM 67-1272 AFOSR 67-1317	WOLKERSTOWER D AFOSR 66-2632	WOOD M P AFOSR 67-0647 AFOSR 67-2026
WINSLOW D K AFCL 67-0164 AFOSR 66-2623	WOMLEDEN D AFOSR 67-0053 AFOSR 67-2155	WOLMAN O AFOSR 67-1031	WOOD O W AFOSR 66-1184
WINSLOW J W AFCL 67-0515	WOJCICKI A AFOSR 67-1659	WOLNIK S J AFCL 66-0194	WOOD V E AFOSM 67-0037 AFOSR 67-0082 AFOSR 67-1231
WINTERHALTER K H AFOSR 66-2791	WOLAVEN L E ARL 67-1031A ARL 67-1267L ARL 66-1240A ARL 66-1257A ARL 66-1265A ARL 66-1266A ARL 66-1267A ARL 66-1269L ARL 66-1270L	WOLVICH W A AFOSM 66-1339	WOODHURY E T AFOSR 66-1824
WINTERKORN H F AFCL 67-0048 AFCL 67-0414	WOLAYER L Y ARL 67-0204V	WOLVERTON C T AFOSR 66-0381	WOODHURY M A AFOSR 66-0505
WINTERS W D AFOSR 67-1014 AFOSM 67-1316	WOLD A AFML 67-0239	WOLVIER L AFOSR 67-0088 AFOSR 67-0190 AFOSR 67-1125 AFOSR 67-1252 AFOSR 67-1668 AFOSR 66-1751 AFOSR 66-1960 AFOSM 66-2037 AFOSR 66-2072 AFOSR 66-2291	WOODHOUSE C E AFOSR 66-1894 AFOSM 66-1917
WIPPERMANN F AFCL 66-0425	WOLF E AFOSR 67-0032 AFOSR 67-0645 AFOSM 67-2238 AFOSM 67-2730 AFOSM 66-1766 AFOSR 66-2482 AFOSM 66-2626	WOLVERTON C T AFOSR 66-0381	WOODMANSEE J J AFOSR 66-0488
WIRTZ G D AFOSR 67-2756	WOLF H AFOSM 67-2273	WOLVIER L AFOSR 67-0088 AFOSR 67-0190 AFOSR 67-1125 AFOSR 67-1252 AFOSR 67-1668 AFOSR 66-1751 AFOSR 66-1960 AFOSM 66-2037 AFOSR 66-2072 AFOSR 66-2291	WOODMANSEE J J AFOSR 66-0488
WISE F F AFCL 67-0446 AFCL 67-0447	WOLF J AFOSR 66-0732	WOLVIER L AFOSR 67-0088 AFOSR 67-0190 AFOSR 67-1125 AFOSR 67-1252 AFOSR 67-1668 AFOSR 66-1751 AFOSR 66-1960 AFOSM 66-2037 AFOSR 66-2072 AFOSR 66-2291	WOODMANSEE J J AFOSR 66-0488
WISNIEWSKI E I ARL 66-0167W	WOLF J K AFOSM 67-2240 AFOSM 66-0743 AFOSR 66-1146 AFOSR 66-2531	WOLVIER L AFOSR 67-0088 AFOSR 67-0190 AFOSR 67-1125 AFOSR 67-1252 AFOSR 67-1668 AFOSR 66-1751 AFOSR 66-1960 AFOSM 66-2037 AFOSR 66-2072 AFOSR 66-2291	WOODMANSEE J J AFOSR 66-0488
	WOLF L JR ARL 66-0173U	WOLVIER L AFOSR 67-0088 AFOSR 67-0190 AFOSR 67-1125 AFOSR 67-1252 AFOSR 67-1668 AFOSR 66-1751 AFOSR 66-1960 AFOSM 66-2037 AFOSR 66-2072 AFOSR 66-2291	WOODMANSEE J J AFOSR 66-0488

WORMEL P AFOSR 67-1884	WULF J AFOSR 67-8850	YAGUB A AFOSR 67-1242	YENICAY C AFOSR 67-1412
WORMAN J B AFOSR 67-2049	WULFBERG K M AFCLRL 67-0409	YAGUB M AFOSR 67-1432 AFOSR 68-0507	YEP T O AFCLRL 67-0530
WORS S A AFCLRL 68-0176	WUNN K A AFCLRL 68-0078	YASAIHAIHIDE M Y AFOSR 67-0874	YERHURY M J AFOSR 68-0964 AFOSR 68-2604
WORLEY J C AFOSR 67-0161	WYQUUNNE B G AFOSR 68-2132	YASINSKI W A AFCLRL 67-0528	YICK-PUI MUI J AFOSR 67-0796
WORNIAK A AFOSR 67-0081 AFOSR 67-1673	WYLIE L R ARL 67-0165	YASUMARA M AFOSR 67-0335 AFOSR 67-1906 AFOSR 67-1907	YIGAL K ARL 68-0108U
WORONOWICZ T ARL 67-1146J	WYLLER A A AFOSR 67-1121	YASUNASU I AFOSR 68-0225	YIH C S AFOSR 67-2255
WORONOWICZ T J ARL 67-0272U ARL 68-0237W	WYMAN J AFOSR 67-1691 AFOSR 68-2699	YATES B ARL 68-1356M	YIP S AFOSR 68-1964 AFOSR 68-2214 AFOSR 68-2221
WORTHINGTON J B AFOSR 68-0366	WYSUNG E D ARL 68-0235V ARL 68-0332V ARL 68-1187A ARL 68-1379A	YATON M AFML 67-0256	YNGVESSON K C AFOSR 68-1007
WORTHMAN J J AFOSR 68-2838	YAFFE L AFOSR 67-0458	YATSEI J AFCLRL 67-0278	YOCK P C M AFOSR 68-0146
WORZALA F J AFOSR 67-1493	YAGFH M R AFOSR 68-1192	YAU S S AFOSR 67-0883 AFOSR 67-1108 AFOSR 67-1131 AFOSR 67-1727 AFOSR 67-2123 AFOSR 68-0361 AFOSR 68-1396 AFOSR 68-1559 AFOSR 68-1807 AFOSR 68-1869	YOELI M AFCLRL 67-0686 AFOSR 68-0817 AFOSR 68-1889
WRIEDE P AFOSR 67-2105	YAGER Z AFCLRL 68-0363		YOFFE A D AFOSR 68-0613
WRIEDE P A AFOSR 68-1727	YAGI K AFOSR 67-0896 AFOSR 67-1523		YORKE E O AFOSR 67-0374
WRIGHT A E ARL 67-0016U	YAMADA K AFOSR 67-2382 AFOSR 67-2384 AFOSR 68-1743	YFAGER L AFOSR 67-0651	YOULA D C AFOSR 68-1966 AFOSR 68-2849 AFOSR 67-0070
WRIGHT J R AFCLRL 67-0605	YAMAGUCHI Y AFOSR 68-0800	YEALLAND R M AFOSR 67-0665	YOUNG A P AFOSR 68-0992
WRIGHT R AFCLRL 67-0181	YAMASHITA S AFOSR 67-2385 AFOSR 67-2626	YEANGAN J R AFOSR 67-1567 AFOSR 68-1288	YOUNG D A AFOSR 67-0876 AFOSR 67-2446 AFOSR 68-0421 AFOSR 68-0765
WU F T AFOSR 68-1436 AFOSR 68-1442	YAMDAGNI R AFCLRL 68-0376	YEE S ARL 68-1357M	YOUNG F L ARL 68-0214T ARL 68-1401A
WU G S AFOSR 67-1636	YAN T M AFOSR 67-0122 AFOSR 67-1176 AFOSR 68-0134 AFOSR 68-2537	YEH H AFOSR 67-2481 AFOSR 68-1608	YOUNG G O AFCLRL 67-0150 AFCLRL 67-0168 AFCLRL 67-0311 AFCLRL 67-0532 AFCLRL 67-0637 AFCLRL 67-0649 AFCLRL 67-0680 AFCLRL 68-0119 AFCLRL 68-0366 AFCLRL 68-0464 AFOSR 67-1116 AFOSR 67-1459 AFOSR 68-0880 AFOSR 68-2023
WU H C AFOSR 67-0195	YANE J R AFCLRL 68-0247	YEH K C AFCLRL 68-0419	
WU M Y AFOSR 68-2573	YANEY P P ARL 68-1458B	YEH R H Y AFOSR 68-0336 AFOSR 68-0421	
WU S Y AFOSR 67-1629	YANG C C AFOSR 67-1108 AFOSR 67-1131	YEH T C AFCLRL 68-0275	
WU T M AFOSR 68-0965 AFOSR 68-1558	YANG C K AFOSR 68-1893	YEN C M AFOSR 67-0102 AFOSR 67-0103 AFOSR 67-2575	YOUNG J Z AFOSR 67-2586 AFOSR 68-0286 AFOSR 68-0287 AFOSR 68-0288 AFOSR 68-0291
WU T T AFCLRL 67-0533 AFOSR 67-2709	YANG W ARL 67-0287W ARL 67-0288W	YEN D H Y AFCLRL 67-0520	YOUNG M A ONA 67-0004
WUERKER R E ARL 67-0211U	YAO J T P AFOSR 68-2413	YEN J T ARL 67-0043U	YOUNG W O ARL 67-0198U ARL 67-1088B
WUERTHELE W E ARL 67-0121	YAP T O AFCLRL 67-0296	YENCHA M A AFCLRL 68-0373	
WULBERT D E AFOSR 68-2473 AFOSR 68-2478 AFOSR 68-2781			

YOUNG H G F AFOSR 67-1918	ZAMPARO L AFOSR 67-0198	ZIMMERMAN G O AFOSR 67-2338 AFOSR 68-0787	ZVI R AFOSR 67-1161
YOUNG R W AFOSR 67-0818 AFOSR 67-1893 AFOSR 68-2041	ZAMPOLLO A AFOSR 68-1991	ZIMMERMAN R L AFOSR 68-1631 AFOSR 68-2733 AFOSR 68-2736	ZWEIGBAUM F AFML 67-0287
YOUNGSTROM K AFCL 68-0411	ZAMUDIO I AFOSR 67-1337 AFOSR 68-1000	ZIMMERMAN S P AFCL 67-0131	ZWEIG J W AFOSR 68-0833 AFOSR 68-2713
YU D U L AFOSR 67-0566	ZANCHETTI A AFOSR 67-2012 AFOSR 67-2101 AFOSR 67-2102 AFOSR 68-0943	ZINIKER W H AFOSR 68-1705 AFOSR 68-1706	ZYSKIND G ARL 67-1184N
YU Y Y AFOSR 67-1011 AFOSR 67-1982	ZANDER A AFOSR 68-1164	ZISPEIN M H AFOSR 67-2175	4JAD813404 AFOSR 67-0940
YUN S K AFOSR 67-0120 AFOSR 67-0125 AFOSR 67-1357 AFOSR 68-1949	ZANI R C ARL 67-10061	ZITLAU C F AFCL 67-0496	9749 01 AFOSR 68-2837
YUNG-SAN C AFCL 68-0291	ZAPPERT F AFCL 67-0571	ZIZINE J AFCL 67-0160 AFCL 68-0214 AFCL 68-0215	
ZABORSZKY J AFOSR 67-1706 AFOSR 67-1947	ZANTARIAN G AFCL 68-0606	ZLOCHOWER I A AFOSR 68-0386	
ZABUSKY M AFOSR 67-0325	ZATTONI J AFOSR 67-0503 AFOSR 67-0504 AFOSR 67-1481 AFOSR 67-1855 AFOSR 67-1856 AFOSR 68-0943 AFOSR 68-0945 AFOSR 68-1699	ZORSKIE J AFOSR 68-1669	
ZACHA K C AFOSR 68-1803	ZAWADZKI W AFOSR 67-1126 AFOSR 68-0334	ZORSKIE J W AFCL 68-0405	
ZACHARIASEN W H AFOSR 67-1444	ZELLER E J AFCL 68-0350	ZOSER M AFOSR 68-1299	
ZACKS E AFCL 68-0236	ZEMAN J L AFOSR 67-0299	ZUBIETA M AFOSR 67-0794	
ZACKS S AFOSR 68-0172	ZEMANIAN A H AFOSR 67-2816	ZUCKER P AFCL 68-0286	
ZAGUSTIN E A AFOSR 67-2055	ZEDLI G W AFCL 67-0649	ZUCKER D A AFOSR 68-1400	
ZAMLAN A B AFOSR 68-0199	ZIEGLER F AFOSR 67-0652	ZUCKENMAN M H AFOSR 67-1520	
ZAK J AFOSR 68-0563 AFOSR 68-1820 AFOSR 68-2067	ZIEHER L W AFOSR 67-1104 AFOSR 67-1105	ZUCKERNANN AFOSR 68-0424	
ZAKMARCHENYA B P AFOSR 67-2331	ZIEN M H AFOSR 68-1610	ZUCKERNANN M J AFOSR 67-2659 AFOSR 67-2754 AFOSR 68-0905	
ZAKKAY V ARL 67-0104W ARL 67-0143U ARL 67-1215B ARL 68-0002U ARL 68-0180U ARL 68-0206U ARL 68-0213U ARL 68-1115B	ZIEN L AFOSR 68-2251	ZUKOSKI E E AFOSR 68-0743	
ZAKRZEWSKI J AFOSR 68-1256	ZIFRER E AFOSR 67-1542	ZULLIGER H R AFOSR 67-1932 AFOSR 67-1934 AFOSR 67-1948	
ZAMBRANO O AFOSR 67-2094 AFOSR 67-2095 AFOSR 67-2097	ZIERING S AFOSR 67-0469 AFOSR 67-1930 AFOSR 68-0837 AFOSR 68-1230 AFOSR 68-2551	ZULLINGER M R AFOSR 68-1675 AFOSR 68-1676	
ZAMBRANO F AFOSR 67-1337 AFOSR 68-1000 AFOSR 68-1707	ZIETZ I AFOSR 67-0316	ZUMSTEG F C AFOSR 67-0746	
ZAMIR E AFCL 68-0421	ZIMMER M AFOSR 67-0228	ZUPUTLITZ G AFOSR 68-1155	
	ZIMMERMAN A R ARL 68-13001	ZURCHER J ARL 68-1140J	
		ZUTECK M D AFOSR 67-2377	

SECTION IV. CONTRACT/GRANT-NUMBER INDEX

AF-AFOSR-0001-63 AFOSR 67-2268	AF-AFOSR-0024-66 AFOSR 67-0987 AFOSR 68-0794	AF-AFOSR-0046-69 AFOSR 67-0173	AF-AFOSR-0098-63 AFOSR 68-0563	AF-AFOSR-0124-68 AFOSR 67-0360 AFOSR 67-0429 AFOSR 67-0447 AFOSR 67-2783 AFOSR 68-0434 AFOSR 68-2442 AFOSR 68-2443	AF-AFOSR-0139-65 AFOSR 67-0331 AFOSR 67-0332 AFOSR 67-0333 AFOSR 67-0339 AFOSR 67-0340 AFOSR 67-0341 AFOSR 67-0346 AFOSR 67-0347 AFOSR 67-0424 AFOSR 67-2064 AFOSR 67-2080 AFOSR 67-2086 AFOSR 68-2003 AFOSR 68-2083 AFOSR 68-2084
AF-AFOSR-0002-65 AFOSR 67-0152 AFOSR 67-0425	AF-AFOSR-0027-65 AFOSR 67-1297 AFOSR 67-2375 AFOSR 68-0208	AF-AFOSR-0051-66 AFOSR 67-0533 AFOSR 67-2475	AF-AFOSR-0098-68 AFOSR 67-0393 AFOSR 67-0422 AFOSR 67-0867 AFOSR 67-1104 AFOSR 67-1131 AFOSR 67-1702 AFOSR 67-1727 AFOSR 67-2123 AFOSR 67-2320 AFOSR 68-0361 AFOSR 68-0551 AFOSR 68-2413 AFOSR 68-2425	AF-AFOSR-0129-67 AFOSR 68-0346 AFOSR 68-0344 AFOSR 68-2003 AFOSR 68-2083 AFOSR 68-2084	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0002-67 AFOSR 68-0033 AFOSR 68-2044	AF-AFOSR-0028-63 AFOSR 67-1209	AF-AFOSR-0052-62 AFOSR 67-0044	AF-AFOSR-0100-65 AFOSR 67-1925 AFOSR 68-0106 AFOSR 68-2241	AF-AFOSR-0127-67 AFOSR 67-2036 AFOSR 67-2237 AFOSR 67-2838 AFOSR 67-2839	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0003-65 AFOSR 68-1346	AF-AFOSR-0028-65 AFOSR 67-0218 AFOSR 67-0225 AFOSR 67-1026 AFOSR 67-1608 AFOSR 68-1695	AF-AFOSR-0057-64 AFOSR 67-0810 AFOSR 67-1246	AF-AFOSR-0100-66 AFOSR 67-0824 AFOSR 67-1508 AFOSR 67-2055	AF-AFOSR-0129-66 AFOSR 67-0419	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0007-66 AFOSR 67-1414 AFOSR 68-0775 AFOSR 68-0776 AFOSR 68-2800	AF-AFOSR-0030-67 AFOSR 67-2134 AFOSR 67-2148 AFOSR 67-2803 AFOSR 67-2804 AFOSR 68-0187 AFOSR 68-0188	AF-AFOSR-0062-67 AFOSR 68-2298	AF-AFOSR-0100-67 AFOSR 68-0753 AFOSR 68-1367 AFOSR 68-2255 AFOSR 68-2249 AFOSR 68-2290 AFOSR 68-2455	AF-AFOSR-0129-67 AFOSR 67-0850 AFOSR 67-1028 AFOSR 67-1895 AFOSR 68-0129	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0007-67 AFOSR 67-0982 AFOSR 67-1412 AFOSR 67-1413 AFOSR 67-1665 AFOSR 68-0727 AFOSR 68-0773 AFOSR 68-0774 AFOSR 68-1521 AFOSR 68-1525 AFOSR 68-1696 AFOSR 68-2579 AFOSR 68-2583 AFOSR 68-2601 AFOSR 68-2802	AF-AFOSR-0030-67 AFOSR 68-0725 AFOSR 68-1152 AFOSR 68-1226 AFOSR 68-1269 AFOSR 68-1281	AF-AFOSR-0067-62 AFOSR 67-	AF-AFOSR-0100-67 AFOSR 68-0753 AFOSR 68-1367 AFOSR 68-2255 AFOSR 68-2249 AFOSR 68-2290 AFOSR 68-2455	AF-AFOSR-0129-67 AFOSR 67-0850 AFOSR 67-1028 AFOSR 67-1895 AFOSR 68-0129	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0009-64 AFOSR 67-0896 AFOSR 67-0901 AFOSR 67-0906 AFOSR 67-0912	AF-AFOSR-0034-63 AFOSR 67-1552	AF-AFOSR-0077-63 AFOSR 68-0951	AF-AFOSR-0105-63 AFOSR 67-1235 AFOSR 68-0954	AF-AFOSR-0130-63 AFOSR 67-0042 AFOSR 67-0646 AFOSR 67-2567	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0009-65 AFOSR 67-1666 AFOSR 67-1705	AF-AFOSR-0034-65 AFOSR 68-0435 AFOSR 68-1322	AF-AFOSR-0078-65 AFOSR 68-0172	AF-AFOSR-0106-65 AFOSR 67-0031 AFOSR 67-0074 AFOSR 67-0075 AFOSR 67-0117 AFOSR 67-0247 AFOSR 67-1614 AFOSR 67-2010 AFOSR 67-2192 AFOSR 68-0711 AFOSR 68-2064	AF-AFOSR-0130-66 AFOSR 67-2276 AFOSR 67-2281 AFOSR 68-0978 AFOSR 68-1057 AFOSR 68-1058 AFOSR 68-1630 AFOSR 68-2020 AFOSR 68-2492	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0009-66 AFOSR 67-2760	AF-AFOSR-0035-65 AFOSR 67-1194 AFOSR 67-2394 AFOSR 68-1740	AF-AFOSR-0081-61 AFOSR 67-1481 AFOSR 68-0833	AF-AFOSR-0107-66 AFOSR 67-2060 AFOSR 68-0303 AFOSR 68-0327 AFOSR 68-0547 AFOSR 68-1235 AFOSR 68-2196 AFOSR 68-2542	AF-AFOSR-0132-65 AFOSR 67-0706 AFOSR 67-0707	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0009-66 AFOSR 67-2760	AF-AFOSR-0039-65 AFOSR 67-0163	AF-AFOSR-0083-63 AFOSR 67-1149 AFOSR 67-1655	AF-AFOSR-0109-63 AFOSR 67-1919 AFOSR 67-2109	AF-AFOSR-0132-67 AFOSR 67-0751 AFOSR 67-2247	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0016-63 AFOSR 67-0589	AF-AFOSR-0040-66 AFOSR 67-1901	AF-AFOSR-0083-65 AFOSR 67-1119 AFOSR 68-2561 AFOSR 68-2766 AFOSR 68-2792	AF-AFOSR-0110-66 AFOSR 68-0876	AF-AFOSR-0133-65 AFOSR 67-2657	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0020-63 AFOSR 67-1992 AFOSR 68-0284	AF-AFOSR-0040-67 AFOSR 68-0034 AFOSR 68-0243 AFOSR 68-1665	AF-AFOSR-0087-66 AFOSR 67-2030 AFOSR 67-2104 AFOSR 67-2105 AFOSR 67-2106 AFOSR 67-2120	AF-AFOSR-0116-63 AFOSR 68-1563 AFOSR 68-1564	AF-AFOSR-0139-63 AFOSR 68-0076	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0022-64 AFOSR 67-0250	AF-AFOSR-0041-63 AFOSR 68-0861	AF-AFOSR-0091-66 AFOSR 68-1067	AF-AFOSR-0119-65 AFOSR 67-2449	AF-AFOSR-0140-63 AFOSR 67-0896 AFOSR 67-1523	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0023-63 AFOSR 67-0071 AFOSR 67-2332	AF-AFOSR-0042-65 AFOSR 67-0027 AFOSR 67-0239 AFOSR 67-2100 AFOSR 67-2209 AFOSR 67-2609 AFOSR 67-2709 AFOSR 68-0156 AFOSR 68-0926 AFOSR 68-1013 AFOSR 68-1263	AF-AFOSR-0094-63 AFOSR 67-1921 AFOSR 67-1922	AF-AFOSR-0124-63 AFOSR 67-0457 AFOSR 67-2098 AFOSR 67-2391 AFOSR 68-0407 AFOSR 68-2645	AF-AFOSR-0140-63 AFOSR 67-0896 AFOSR 67-1523	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0024-62 AFOSR 67-0458	AF-AFOSR-0043-65 AFOSR 68-0926 AFOSR 68-1013 AFOSR 68-1263	AF-AFOSR-0097-63 AFOSR 68-0655	AF-AFOSR-0124-63 AFOSR 67-0457 AFOSR 67-2098 AFOSR 67-2391 AFOSR 68-0407 AFOSR 68-2645	AF-AFOSR-0140-63 AFOSR 67-0896 AFOSR 67-1523	AF-AFOSR-0139-66 AFOSR 67-0375 AFOSR 67-0718 AFOSR 67-1396 AFOSR 67-2081 AFOSR 67-2087 AFOSR 67-2088 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0079 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 67-1895 AFOSR 68-0129
AF-AFOSR-0024-64 AFOSR 67-0728 AFOSR 67-2130 AFOSR 68-0871 AFOSR 68-2577	AF-AFOSR-0044-65 AFOSR 67-1762			AF-AFOSR-0150-66 AFOSR 67-1941 AFOSR 67-1950	

549

AF-AFOSH-0626-68 AFOSH 67-0309 AFOSH 67-0323 AFOSH 67-2617 AFOSH 67-2629 AFOSH 67-2630 AFOSH 67-2631 AFOSH 67-2640 AFOSH 67-2663	AF-AFOSH-0642-68 AFOSH 67-0194 AFOSH 67-2263	AF-AFOSH-0645-68 AFOSH 67-2194 AFOSH 67-2195 AFOSH 67-1491	AF-AFOSH-0647-68 AFOSH 67-0333	AF-AFOSH-0712-67 AFOSH 67-2479 AFOSH 67-2554 AFOSH 67-2666	AF-AFOSH-0732-68 AFOSH 67-0266 AFOSH 67-0886 AFOSH 67-0887 AFOSH 68-1486
AF-AFOSH-0626-67 AFOSH 68-1081	AF-AFOSH-0642-68 AFOSH 68-1313	AF-AFOSH-0647-68 AFOSH 67-1049 AFOSH 67-1106 AFOSH 68-2199 AFOSH 68-2512	AF-AFOSH-0647-67 AFOSH 68-0744	AF-AFOSH-0713-64 AFOSH 67-0321	AF-AFOSH-0732-67 AFOSH 67-1462 AFOSH 68-0310
AF-AFOSH-0629-64 AFOSH 67-0412 AFOSH 67-0536 AFOSH 67-0538 AFOSH 67-0539 AFOSH 67-1037 AFOSH 67-1078	AF-AFOSH-0645-64 AFOSH 67-1353	AF-AFOSH-0648-67 AFOSH 68-0987	AF-AFOSH-0648-68 AFOSH 67-0047 AFOSH 67-1030 AFOSH 67-1084 AFOSH 67-1240 AFOSH 67-1242 AFOSH 67-1716 AFOSH 67-2334 AFOSH 67-2478 AFOSH 67-2646 AFOSH 68-0662	AF-AFOSH-0714-68 AFOSH 67-0107 AFOSH 67-0367 AFOSH 67-1181 AFOSH 68-1462	AF-AFOSH-0734-68 AFOSH 67-0498 AFOSH 67-2472 AFOSH 67-2473 AFOSH 68-1885
AF-AFOSH-0630-64 AFOSH 67-2807 AFOSH 67-2811 AFOSH 67-2826 AFOSH 67-2832	AF-AFOSH-0646-64 AFOSH 67-0829	AF-AFOSH-0649-64 AFOSH 67-0039 AFOSH 67-1284 AFOSH 67-2751 AFOSH 67-2782 AFOSH 68-2144	AF-AFOSH-0649-67 AFOSH 67-2189 AFOSH 67-2490 AFOSH 67-2476 AFOSH 67-2414 AFOSH 67-2810 AFOSH 68-0911 AFOSH 68-0991 AFOSH 68-1633 AFOSH 68-1768 AFOSH 68-1956 AFOSH 68-2446 AFOSH 68-2276 AFOSH 68-2507 AFOSH 68-2607 AFOSH 68-2668	AF-AFOSH-0716-67 AFOSH 67-1629 AFOSH 67-1850 AFOSH 67-1708 AFOSH 67-1976 AFOSH 68-0897 AFOSH 68-1118	AF-AFOSH-0736-67 AFOSH 68-2774
AF-AFOSH-0631-64 AFOSH 67-0083 AFOSH 67-0186 AFOSH 67-0199 AFOSH 67-0160 AFOSH 67-0510 AFOSH 67-0626 AFOSH 67-1082 AFOSH 67-1211 AFOSH 67-1213 AFOSH 67-1284 AFOSH 67-1237 AFOSH 67-1530 AFOSH 67-1532 AFOSH 67-1610 AFOSH 67-1732 AFOSH 67-2155 AFOSH 67-2407 AFOSH 67-2408 AFOSH 67-2409	AF-AFOSH-0646-68 AFOSH 67-1104 AFOSH 67-1108	AF-AFOSH-0649-64 AFOSH 67-0481 AFOSH 68-2881 AFOSH 68-2875	AF-AFOSH-0649-67 AFOSH 67-2189 AFOSH 67-2490 AFOSH 67-2476 AFOSH 67-2414 AFOSH 67-2810 AFOSH 68-0911 AFOSH 68-0991 AFOSH 68-1633 AFOSH 68-1768 AFOSH 68-1956 AFOSH 68-2446 AFOSH 68-2276 AFOSH 68-2507 AFOSH 68-2607 AFOSH 68-2668	AF-AFOSH-0719-68 AFOSH 67-1342 AFOSH 68-0030	AF-AFOSH-0738-68 AFOSH 67-0128 AFOSH 67-0168 AFOSH 67-0169 AFOSH 67-0170 AFOSH 67-0172 AFOSH 67-0373 AFOSH 67-0374 AFOSH 67-0438 AFOSH 67-0701 AFOSH 67-1965 AFOSH 67-1910 AFOSH 68-2060
AF-AFOSH-0631-67 AFOSH 67-1444 AFOSH 67-1616 AFOSH 67-1675 AFOSH 67-2600 AFOSH 67-2672 AFOSH 67-2746 AFOSH 68-0867 AFOSH 68-0861 AFOSH 68-0928 AFOSH 68-1408 AFOSH 68-1832 AFOSH 68-1866 AFOSH 68-1866 AFOSH 68-1866 AFOSH 68-1874	AF-AFOSH-0646-64 AFOSH 67-0217	AF-AFOSH-0649-67 AFOSH 67-1284 AFOSH 68-0294 AFOSH 68-0309	AF-AFOSH-0649-68 AFOSH 68-0289 AFOSH 68-0333 AFOSH 68-0644 AFOSH 68-0917 AFOSH 68-0918 AFOSH 68-1826	AF-AFOSH-0720-68 AFOSH 67-2423 AFOSH 67-2423 AFOSH 68-1908 AFOSH 68-1910 AFOSH 68-2060	AF-AFOSH-0738-68 AFOSH 67-0128 AFOSH 67-0168 AFOSH 67-0169 AFOSH 67-0170 AFOSH 67-0172 AFOSH 67-0373 AFOSH 67-0374 AFOSH 67-0438 AFOSH 67-0701 AFOSH 67-1965 AFOSH 67-1910 AFOSH 68-2060
AF-AFOSH-0633-64 AFOSH 67-1764 AFOSH 67-2774 AFOSH 68-3884	AF-AFOSH-0646-68 AFOSH 67-1117	AF-AFOSH-0649-68 AFOSH 67-0841 AFOSH 67-0947 AFOSH 67-1042 AFOSH 67-1084 AFOSH 67-1264 AFOSH 67-1926 AFOSH 67-2174 AFOSH 67-2203 AFOSH 67-2209 AFOSH 68-0307	AF-AFOSH-0649-67 AFOSH 68-0839 AFOSH 68-1827 AFOSH 68-1850 AFOSH 68-1851 AFOSH 68-2601	AF-AFOSH-0720-68 AFOSH 67-2423 AFOSH 67-2423 AFOSH 68-1908 AFOSH 68-1910 AFOSH 68-2060	AF-AFOSH-0738-68 AFOSH 67-0128 AFOSH 67-0168 AFOSH 67-0169 AFOSH 67-0170 AFOSH 67-0172 AFOSH 67-0373 AFOSH 67-0374 AFOSH 67-0438 AFOSH 67-0701 AFOSH 67-1965 AFOSH 67-1910 AFOSH 68-2060
AF-AFOSH-0635-64 AFOSH 67-0786	AF-AFOSH-0646-68 AFOSH 68-2481	AF-AFOSH-0649-68 AFOSH 67-2178 AFOSH 67-2299 AFOSH 67-2426 AFOSH 67-2707 AFOSH 68-0160 AFOSH 68-0169 AFOSH 68-0553 AFOSH 68-1315 AFOSH 68-1763	AF-AFOSH-0649-67 AFOSH 68-0839 AFOSH 68-1827 AFOSH 68-1850 AFOSH 68-1851 AFOSH 68-2601	AF-AFOSH-0720-68 AFOSH 67-2423 AFOSH 67-2423 AFOSH 68-1908 AFOSH 68-1910 AFOSH 68-2060	AF-AFOSH-0738-68 AFOSH 67-0128 AFOSH 67-0168 AFOSH 67-0169 AFOSH 67-0170 AFOSH 67-0172 AFOSH 67-0373 AFOSH 67-0374 AFOSH 67-0438 AFOSH 67-0701 AFOSH 67-1965 AFOSH 67-1910 AFOSH 68-2060
AF-AFOSH-0636-64 AFOSH 68-0020 AFOSH 68-1448 AFOSH 68-2764	AF-AFOSH-0646-68 AFOSH 68-2481	AF-AFOSH-0649-68 AFOSH 67-2178 AFOSH 67-2299 AFOSH 67-2426 AFOSH 67-2707 AFOSH 68-0160 AFOSH 68-0169 AFOSH 68-0553 AFOSH 68-1315 AFOSH 68-1763	AF-AFOSH-0649-67 AFOSH 68-0839 AFOSH 68-1827 AFOSH 68-1850 AFOSH 68-1851 AFOSH 68-2601	AF-AFOSH-0720-68 AFOSH 67-2423 AFOSH 67-2423 AFOSH 68-1908 AFOSH 68-1910 AFOSH 68-2060	AF-AFOSH-0738-68 AFOSH 67-0128 AFOSH 67-0168 AFOSH 67-0169 AFOSH 67-0170 AFOSH 67-0172 AFOSH 67-0373 AFOSH 67-0374 AFOSH 67-0438 AFOSH 67-0701 AFOSH 67-1965 AFOSH 67-1910 AFOSH 68-2060
AF-AFOSH-0639-64 AFOSH 68-2017	AF-AFOSH-0646-68 AFOSH 68-2481	AF-AFOSH-0649-68 AFOSH 67-2178 AFOSH 67-2299 AFOSH 67-2426 AFOSH 67-2707 AFOSH 68-0160 AFOSH 68-0169 AFOSH 68-0553 AFOSH 68-1315 AFOSH 68-1763	AF-AFOSH-0649-67 AFOSH 68-0839 AFOSH 68-1827 AFOSH 68-1850 AFOSH 68-1851 AFOSH 68-2601	AF-AFOSH-0720-68 AFOSH 67-2423 AFOSH 67-2423 AFOSH 68-1908 AFOSH 68-1910 AFOSH 68-2060	AF-AFOSH-0738-68 AFOSH 67-0128 AFOSH 67-0168 AFOSH 67-0169 AFOSH 67-0170 AFOSH 67-0172 AFOSH 67-0373 AFOSH 67-0374 AFOSH 67-0438 AFOSH 67-0701 AFOSH 67-1965 AFOSH 67-1910 AFOSH 68-2060
AF-AFOSH-0639-65 AFOSH 68-0123 AFOSH 68-1947 AFOSH 68-2016 AFOSH 68-2019 AFOSH 68-2036 AFOSH 68-2057 AFOSH 68-2102 AFOSH 68-2104 AFOSH 68-2401	AF-AFOSH-0646-68 AFOSH 68-2481	AF-AFOSH-0649-68 AFOSH 67-2178 AFOSH 67-2299 AFOSH 67-2426 AFOSH 67-2707 AFOSH 68-0160 AFOSH 68-0169 AFOSH 68-0553 AFOSH 68-1315 AFOSH 68-1763	AF-AFOSH-0649-67 AFOSH 68-0839 AFOSH 68-1827 AFOSH 68-1850 AFOSH 68-1851 AFOSH 68-2601	AF-AFOSH-0720-68 AFOSH 67-2423 AFOSH 67-2423 AFOSH 68-1908 AFOSH 68-1910 AFOSH 68-2060	AF-AFOSH-0738-68 AFOSH 67-0128 AFOSH 67-0168 AFOSH 67-0169 AFOSH 67-0170 AFOSH 67-0172 AFOSH 67-0373 AFOSH 67-0374 AFOSH 67-0438 AFOSH 67-0701 AFOSH 67-1965 AFOSH 67-1910 AFOSH 68-2060
AF-AFOSH-0639-67 AFOSH 68-0036	AF-AFOSH-0646-68 AFOSH 68-2481	AF-AFOSH-0649-68 AFOSH 67-2178 AFOSH 67-2299 AFOSH 67-2426 AFOSH 67-2707 AFOSH 68-0160 AFOSH 68-0169 AFOSH 68-0553 AFOSH 68-1315 AFOSH 68-1763	AF-AFOSH-0649-67 AFOSH 68-0839 AFOSH 68-1827 AFOSH 68-1850 AFOSH 68-1851 AFOSH 68-2601	AF-AFOSH-0720-68 AFOSH 67-2423 AFOSH 67-2423 AFOSH 68-1908 AFOSH 68-1910 AFOSH 68-2060	AF-AFOSH-0738-68 AFOSH 67-0128 AFOSH 67-0168 AFOSH 67-0169 AFOSH 67-0170 AFOSH 67-0172 AFOSH 67-0373 AFOSH 67-0374 AFOSH 67-0438 AFOSH 67-0701 AFOSH 67-1965 AFOSH 67-1910 AFOSH 68-2060

552

AF-AFOSR-0887-65 AFOSR 67-0371 AFOSR 68-0558 AFOSR 68-0905 AFOSR 68-1324	AFOSR 68-2111 AFOSR 68-2227 AFOSR 68-2231 AFOSR 68-2293 AFOSR 68-2294 AFOSR 68-2457	AF-AFOSR-0915-60 AFOSR 68-0860 AFOSR 68-2248	AF-AFOSR-0934-66 AFOSR 67-2341	AF-AFOSR-0958-65 AFOSR 67-1450 AFOSR 68-1519	AFOSR 68-1620 AFOSR 68-2271
AF-AFOSR-0850-65 AFOSR 67-0410 AFOSR 67-1095	AF-AFOSR-0863-67 AFOSR 68-1849 AFOSR 68-1854 AFOSR 68-1914 AFOSR 68-2053 AFOSR 68-2240	AF-AFOSR-0916-65 AFOSR 67-1954	AF-AFOSR-0934-67 AFOSR 68-1930	AF-AFOSR-0961-65 AFOSR 67-0062	AF-AFOSR-0995-67 AFOSR 67-1520
AF-AFOSR-0859-65 AFOSR 68-0679		AF-AFOSR-0917-65 AFOSR 68-0969	AF-AFOSR-0938-66 AFOSR 67-1388 AFOSR 67-1388	AF-AFOSR-0962-65 AFOSR 67-1972 AFOSR 68-0121	AF-AFOSR-0997-66 AFOSR 67-1320
AF-AFOSR-0860-67 AFOSR 68-2722	AF-AFOSR-0885-65 AFOSR 67-1089 AFOSR 68-2815	AF-AFOSR-0918-65 AFOSR 67-0222 AFOSR 67-0224 AFOSR 67-0548 AFOSR 67-0672 AFOSR 67-2145 AFOSR 67-2146 AFOSR 67-2738	AF-AFOSR-0937-65 AFOSR 68-0281 AFOSR 68-0299 AFOSR 68-0300 AFOSR 68-0324 AFOSR 68-0325	AF-AFOSR-0962-67 AFOSR 69-2005	AF-AFOSR-1000-66 AFOSR 67-0290 AFOSR 67-0292 AFOSR 67-1516 AFOSR 67-1520 AFOSR 67-1677 AFOSR 67-1677 AFOSR 67-2185 AFOSR 67-2226 AFOSR 67-2515 AFOSR 68-0977 AFOSR 68-1556 AFOSR 68-1727 AFOSR 68-2513 AFOSR 68-2586
AF-AFOSR-0861-65 AFOSR 68-2304	AF-AFOSR-0887-65 AFOSR 67-0143 AFOSR 67-2115 AFOSR 67-2141 AFOSR 67-2455	AF-AFOSR-0918-65 AFOSR 67-0224 AFOSR 67-0548 AFOSR 67-0672 AFOSR 67-2145 AFOSR 67-2146 AFOSR 67-2738	AF-AFOSR-0937-67 AFOSR 68-0056	AF-AFOSR-0963-65 AFOSR 67-2094 AFOSR 67-2097	
AF-AFOSR-0861-67 AFOSR 68-2385		AF-AFOSR-0918-67 AFOSR 67-2434 AFOSR 68-0358 AFOSR 68-1009 AFOSR 68-1143 AFOSR 68-2272 AFOSR 68-2747 AFOSR 68-2856 AFOSR 68-2859	AF-AFOSR-0938-65 AFOSR 67-1701 AFOSR 68-0495	AF-AFOSR-0964-66 AFOSR 67-0205 AFOSR 67-0206	
AF-AFOSR-0862-65 AFOSR 67-0161 AFOSR 67-0747 AFOSR 67-1368	AF-AFOSR-0888-66 AFOSR 67-2735	AF-AFOSR-0918-67 AFOSR 67-2434 AFOSR 68-0358 AFOSR 68-1009 AFOSR 68-1143 AFOSR 68-2272 AFOSR 68-2747 AFOSR 68-2856 AFOSR 68-2859	AF-AFOSR-0939-67 AFOSR 68-0037 AFOSR 68-0038 AFOSR 68-0039 AFOSR 68-1300	AF-AFOSR-0968-65 AFOSR 67-0268 AFOSR 67-1736 AFOSR 67-1751	AF-AFOSR-1003-66 AFOSR 67-1187 AFOSR 67-2096 AFOSR 67-2619
AF-AFOSR-0863-65 AFOSR 67-1923 AFOSR 68-0666 AFOSR 68-1223 AFOSR 68-1252 AFOSR 68-1253 AFOSR 68-1254 AFOSR 68-1255 AFOSR 68-1257 AFOSR 68-1344	AF-AFOSR-0888-67 AFOSR 67-2728 AFOSR 68-1111	AF-AFOSR-0920-65 AFOSR 67-2715	AF-AFOSR-0941-65 AFOSR 68-2852 AFOSR 68-2853	AF-AFOSR-0971-65 AFOSR 67-0072 AFOSR 67-0073 AFOSR 67-0974	AF-AFOSR-1005-66 AFOSR 68-0672
AF-AFOSR-0864-67 AFOSR 68-2911	AF-AFOSR-0894-67 AFOSR 67-2728 AFOSR 68-1111	AF-AFOSR-0921-65 AFOSR 67-2228 AFOSR 67-2229 AFOSR 67-2723 AFOSR 68-0634 AFOSR 68-0639	AF-AFOSR-0942-65 AFOSR 68-1075 AFOSR 68-1002 AFOSR 68-1915 AFOSR 68-1931 AFOSR 68-1957 AFOSR 68-2007 AFOSR 68-2145 AFOSR 68-2146	AF-AFOSR-0973-66 AFOSR 67-2007 AFOSR 68-1439	AF-AFOSR-1007-66 AFOSR 67-2103
AF-AFOSR-0865-67 AFOSR 68-2911	AF-AFOSR-0897-65 AFOSR 67-1767 AFOSR 68-1246	AF-AFOSR-0921-67 AFOSR 68-2819	AF-AFOSR-0943-65 AFOSR 68-1420 AFOSR 68-2164	AF-AFOSR-0974-66 AFOSR 67-0012 AFOSR 68-1951	AF-AFOSR-1008-66 AFOSR 68-0528 AFOSR 68-0596
AF-AFOSR-0866-65 AFOSR 67-0024	AF-AFOSR-0900-65 AFOSR 67-1871 AFOSR 68-2644	AF-AFOSR-0922-65 AFOSR 67-2027 AFOSR 67-2419	AF-AFOSR-0944-66 AFOSR 67-1422 AFOSR 68-1404 AFOSR 68-1922	AF-AFOSR-0975-66 AFOSR 67-0022 AFOSR 67-1636 AFOSR 68-0392 AFOSR 68-0420 AFOSR 68-1312	AF-AFOSR-1010-66 AFOSR 68-2755 AFOSR 68-2757
AF-AFOSR-0866-65 AFOSR 69-0414 AFOSR 69-0855	AF-AFOSR-0901-65 AFOSR 68-0568 AFOSR 68-0591 AFOSR 68-1548	AF-AFOSR-0922-67 AFOSR 68-0470 AFOSR 68-1310 AFOSR 68-1551 AFOSR 68-1958	AF-AFOSR-0945-66 AFOSR 67-1422 AFOSR 68-1404 AFOSR 68-1922	AF-AFOSR-0976-66 AFOSR 67-0875 AFOSR 68-0019	AF-AFOSR-1012-66 AFOSR 67-0102 AFOSR 67-0103 AFOSR 67-2574 AFOSR 67-2575 AFOSR 68-0265
AF-AFOSR-0869-65 AFOSR 67-1207 AFOSR 67-2765 AFOSR 67-2798 AFOSR 68-0866 AFOSR 68-2886	AF-AFOSR-0902-66 AFOSR 67-2555 AFOSR 67-2565 AFOSR 67-2566 AFOSR 68-2448 AFOSR 68-2559 AFOSR 68-2560	AF-AFOSR-0923-65 AFOSR 67-0664	AF-AFOSR-0945-65 AFOSR 68-0970 AFOSR 68-1137	AF-AFOSR-0977-66 AFOSR 67-1463 AFOSR 67-1464	AF-AFOSR-1015-66 AFOSR 67-1000
AF-AFOSR-0871-65 AFOSR 68-0268	AF-AFOSR-0903-65 AFOSR 68-0126 AFOSR 68-0127	AF-AFOSR-0923-65 AFOSR 67-1902	AF-AFOSR-0946-65 AFOSR 67-0505 AFOSR 67-1600 AFOSR 67-2398 AFOSR 68-2533 AFOSR 68-2782	AF-AFOSR-0978-65 AFOSR 68-1781	AF-AFOSR-1015-67 AFOSR 68-2355
AF-AFOSR-0873-65 AFOSR 67-1782 AFOSR 67-1931	AF-AFOSR-0903-65 AFOSR 68-0126 AFOSR 68-0127	AF-AFOSR-0927-66 AFOSR 67-2061 AFOSR 67-2065	AF-AFOSR-0947-67 AFOSR 67-1979	AF-AFOSR-0984-66 AFOSR 67-2301 AFOSR 67-2302	AF-AFOSR-1014-67 AFOSR 67-0895 AFOSR 68-2125
AF-AFOSR-0874-66 AFOSR 67-0313	AF-AFOSR-0903-67 AFOSR 68-2264	AF-AFOSR-0928-65 AFOSR 67-2753	AF-AFOSR-0949-65 AFOSR 67-1845 AFOSR 67-2712	AF-AFOSR-0985-66 AFOSR 67-1400 AFOSR 67-2295	AF-AFOSR-1018-66 AFOSR 67-1866 AFOSR 68-0370 AFOSR 68-0653 AFOSR 68-1320
AF-AFOSR-0876-65 AFOSR 67-1173 AFOSR 67-2316 AFOSR 67-2318 AFOSR 67-2319 AFOSR 68-0057 AFOSR 68-1645 AFOSR 68-1805 AFOSR 68-1816 AFOSR 68-1870	AF-AFOSR-0905-65 AFOSR 67-0930	AF-AFOSR-0928-67 AFOSR 68-0556	AF-AFOSR-0950-65 AFOSR 68-2519	AF-AFOSR-0986-66 AFOSR 67-0011 AFOSR 67-1091	AF-AFOSR-1018-67 AFOSR 67-1485 AFOSR 67-1487 AFOSR 68-0455 AFOSR 68-1340 AFOSR 68-1764 AFOSR 68-1846 AFOSR 68-2694
AF-AFOSR-0883-65 AFOSR 67-0115 AFOSR 67-0350 AFOSR 67-1210 AFOSR 68-0251 AFOSR 68-0253 AFOSR 68-0256 AFOSR 68-1853 AFOSR 68-1906 AFOSR 68-1907 AFOSR 68-1913 AFOSR 68-2034 AFOSR 68-2040 AFOSR 68-2051 AFOSR 68-2061 AFOSR 68-2106	AF-AFOSR-0904-65 AFOSR 67-0714	AF-AFOSR-0930-65 AFOSR 67-2362	AF-AFOSR-0951-65 AFOSR 67-0679 AFOSR 67-2402	AF-AFOSR-0988-66 AFOSR 67-0865 AFOSR 68-0238 AFOSR 68-1735	AF-AFOSR-1020-66 AFOSR 67-1245 AFOSR 68-1316 AFOSR 68-2130
	AF-AFOSR-0912-65 AFOSR 68-2091 AFOSR 68-2092 AFOSR 68-2093 AFOSR 68-2094 AFOSR 68-2095	AF-AFOSR-0931-67 AFOSR 68-2405	AF-AFOSR-0953-65 AFOSR 67-2406	AF-AFOSR-0989-67 AFOSR 68-0577	AF-AFOSR-1022-66 AFOSR 67-2690
	AF-AFOSR-0915-65 AFOSR 68-0888	AF-AFOSR-0932-65 AFOSR 67-0674 AFOSR 67-0694 AFOSR 67-1205 AFOSR 67-1250 AFOSR 67-1473 AFOSR 68-2239 AFOSR 68-2743	AF-AFOSR-0954-65 AFOSR 67-2451	AF-AFOSR-0993-66 AFOSR 67-1695	AF-AFOSR-1023-66 AFOSR 67-0928 AFOSR 68-2603
			AF-AFOSR-0955-65 AFOSR 67-0685 AFOSR 67-2504 AFOSR 68-0904 AFOSR 68-2747	AF-AFOSR-0994-66 AFOSR 67-1785 AFOSR 68-0360	

AFOSR 66-2669	AFOSR 67-1733	AF-AFO 1077-66	AFOSR 67-0091	AF-AFOSR-1130-66	AF-AFOSR-1184-67
AF-AFOSR-1023-67	AFOSR 67-2227	AFOSR 67-0359	AFOSR 67-1850	AFOSR 67-2652	AFOSR 66-1149
AFOSR 66-0217	AFOSR 66-0212	AFOSR 67-2457	AF-AFOSR-1109-66	AFOSR 67-2659	AF-AFOSR-1185-67
AFOSR 66-2187	AFOSR 66-1588	AFOSR 67-2358	AFOSR 66-2207	AFOSR 67-2754	AFOSR 67-2567
AFOSR 66-2319	AFOSR 66-1589	AFOSR 66-0082	AFOSR 66-2633	AFOSR 66-0336	
	AFOSR 66-1590	AFOSR 66-1159		AFOSR 66-0424	
	AFOSR 66-1591	AFOSR 66-2259		AFOSR 66-0821	
	AFOSR 66-1593			AFOSR 66-0906	
	AFOSR 66-1596			AFOSR 66-1732	
AF-AFOSR-1029-66	AFOSR 66-1984	AF-AFOSR-1080-66	AF-AFOSR-1109-66		AF-AFOSR-1186-67
AFOSR 67-0046	AFOSR 66-1988	AFOSR 66-0863	AFOSR 67-0784	AFOSR 67-0836	AFOSR 67-1980
AFOSR 67-0145	AFOSR 66-2110	AFOSR 66-0921	AFOSR 66-2781	AFOSR 67-2255	AFOSR 67-2596
AFOSR 67-0653	AFOSR 66-2300	AFOSR 66-0923		AFOSR 66-1458	AFOSR 66-0239
AFOSR 67-1202		AFOSR 66-0924	AF-AFOSR-1109-67	AFOSR 66-1471	AFOSR 66-0468
AFOSR 66-0814		AFOSR 66-0930	AFOSR 66-2015		AFOSR 66-0640
	AF-AFOSR-1051-66	AFOSR 66-0932	AFOSR 66-2473	AF-AFOSR-1142-66	AFOSR 66-0841
AF-AFOSR-1029-67	AFOSR 67-1482	AFOSR 66-0933	AFOSR 66-2478	AFOSR 67-1801	AFOSR 66-0993
AFOSR 67-2326	AFOSR 66-0507	AFOSR 66-0997			AFOSR 66-1232
AFOSR 66-0214	AFOSR 66-0786	AFOSR 66-1001			AFOSR 66-2358
AFOSR 66-0215		AFOSR 66-1112	AF-AFOSR-1110-66	AF-AFOSR-1144-66	AFOSR 66-2359
	AF-AFOSR-1054-66	AFOSR 66-1136	AFOSR 67-1213	AFOSR 66-0999	
	AFOSR 67-0782	AFOSR 66-1472		AFOSR 66-0461	
AF-AFOSR-1030-66	AFOSR 66-0340	AFOSR 66-1545		AFOSR 66-1614	AF-AFOSR-1188-67
AFOSR 67-1146	AFOSR 66-2797				AFOSR 67-0680
AFOSR 66-0950					AFOSR 67-1574
	AF-AFOSR-1056-66	AF-AFOSR-1081-66	AF-AFOSR-1115-66	AF-AFOSR-1144-67	AFOSR 67-2379
AF-AFOSR-1031-66	AFOSR 67-1256	AFOSR 66-1369	AFOSR 67-2425	AFOSR 66-1197	AFOSR 67-2413
AFOSR 67-0338	AFOSR 67-2381		AFOSR 67-2504	AFOSR 66-1199	AFOSR 67-2416
	AFOSR 66-1983	AF-AFOSR-1086-66	AFOSR 67-2770	AFOSR 66-1200	AFOSR 67-2463
		AFOSR 67-1701	AFOSR 66-0401	AFOSR 66-2134	AFOSR 67-2624
AF-AFOSR-1033-66		AFOSR 66-0058	AFOSR 66-0874	AFOSR 67-2297	AFOSR 67-2625
AFOSR 67-1038	AF-AFOSR-1050-67		AF-AFOSR-1116-66		AFOSR 66-0498
AFOSR 67-1038	AFOSR 66-0699	AF-AFOSR-1087-66	AFOSR 66-0936	AF-AFOSR-1145-66	AFOSR 66-1489
AFOSR 67-1299		AFOSR 66-0047		AFOSR 66-1459	AFOSR 66-1490
AFOSR 67-1300	AF-AFOSR-1057-66	AFOSR 66-0047	AF-AFOSR-1117-66	AFOSR 66-1459	AFOSR 66-1592
AFOSR 67-1301	AFOSR 67-0897		AFOSR 66-0787	AFOSR 66-1467	AFOSR 66-1720
AFOSR 67-1305		AF-AFOSR-1088-66			AFOSR 66-2211
AFOSR 67-1920	AF-AFOSR-1059-66	AFOSR 66-1005	AF-AFOSR-1118-66	AF-AFOSR-1147-66	AFOSR 66-2233
AFOSR 67-2705	AFOSR 67-2857	AFOSR 66-1113	AFOSR 66-2076	AFOSR 67-2828	AFOSR 66-2234
	AFOSR 66-0357	AFOSR 66-1134	AFOSR 66-2626	AFOSR 66-2628	AFOSR 66-2735
AF-AFOSR-1033-67			AFOSR 66-2628	AFOSR 66-2655	AFOSR 66-2735
AFOSR 67-1302	AF-AFOSR-1061-66	AF-AFOSR-1089-66	AFOSR 66-2682	AFOSR 66-2655	AFOSR 66-2735
AFOSR 67-2514	AFOSR 67-0197	AFOSR 67-1542		AFOSR 66-2655	AFOSR 66-2735
AFOSR 67-2810	AFOSR 67-0208		AF-AFOSR-1119-66	AF-AFOSR-1149-66	AFOSR 66-2497
AFOSR 67-2812	AFOSR 67-1426	AF-AFOSR-1090-66	AFOSR 67-1410	AFOSR 67-1875	AFOSR 66-2498
AFOSR 66-0337	AFOSR 67-2376	AFOSR 66-2343	AFOSR 66-1154	AFOSR 67-1876	AFOSR 66-2499
AFOSR 66-0355	AFOSR 67-2377		AFOSR 66-2471		AFOSR 66-2500
AFOSR 66-0405	AFOSR 66-1157	AF-AFOSR-1092-67	AF-AFOSR-1122-66	AF-AFOSR-1150-66	AF-AFOSR-1190-67
AFOSR 66-0690		AFOSR 66-0130	AFOSR 67-0344	AFOSR 66-1508	AFOSR 67-1500
AFOSR 66-0754	AF-AFOSR-1062-66	AF-AFOSR-1093-67	AFOSR 67-0775	AF-AFOSR-1153-66	AFOSR 67-1507
AFOSR 66-1803	AFOSR 67-0077	AFOSR 66-2639	AFOSR 67-1471	AFOSR 67-1768	AF-AFOSR-1193-67
AFOSR 66-1804	AFOSR 67-2188		AFOSR 66-0159	AFOSR 66-2410	AFOSR 66-2333
AF-AFOSR-1034-66	AF-AFOSR-1062-67	AF-AFOSR-1094-66	AFOSR 66-0182	AF-AFOSR-1155-66	AF-AFOSR-1194-67
AFOSR 66-2270	AFOSR 66-2822	AFOSR 67-2205	AF-AFOSR-1122-67	AFOSR 67-0606	AFOSR 66-0456
AF-AFOSR-1037-66		AFOSR 67-2206	AFOSR 66-2608	AFOSR 66-0043	AFOSR 66-0456
AFOSR 66-0479	AF-AFOSR-1064-66	AFOSR 66-1487	AFOSR 66-2619	AFOSR 66-0044	AFOSR 66-1574
	AFOSR 67-1150	AF-AFOSR-1095-66		AFOSR 66-0045	AFOSR 66-2609
AF-AFOSR-1038-66	AFOSR 66-2336	AFOSR 67-1868	AF-AFOSR-1125-66		AFOSR 66-2785
AFOSR 66-2584	AF-AFOSR-1066-66		AFOSR 66-1584	AF-AFOSR-1156-66	
	AFOSR 66-0012	AF-AFOSR-1096-66	AFOSR 66-1823	AFOSR 66-0593	AF-AFOSR-1195-67
AF-AFOSR-1039-66		AFOSR 67-1538	AF-AFOSR-1127-66	AF-AFOSR-1160-66	AFOSR 66-2587
AFOSR 67-0776	AF-AFOSR-1069-66	AFOSR 67-1541	AFOSR 67-1270	AFOSR 67-1444	AFOSR 66-2660
AFOSR 67-0777	AFOSR 67-1283	AFOSR 67-1557	AFOSR 67-2478	AFOSR 67-1466	AF-AFOSR-1198-67
AFOSR 67-0778	AFOSR 66-0409	AFOSR 67-1559	AFOSR 66-0175	AFOSR 66-0705	AFOSR 67-2231
AFOSR 67-0780	AFOSR 66-2867	AFOSR 67-1560	AFOSR 66-1412		AFOSR 67-2270
AFOSR 67-0781	AFOSR 66-2868			AF-AFOSR-1163-66	AFOSR 66-0453
	AFOSR 66-2873	AF-AFOSR-1097-66	AF-AFOSR-1129-66	AFOSR 67-2462	AFOSR 66-0454
AF-AFOSR-1040-66	AFOSR 66-2874	AFOSR 66-0778	AFOSR 67-0249	AFOSR 66-2172	
AFOSR 67-1082			AFOSR 66-2318		AF-AFOSR-1200-67
	AF-AFOSR-1071-66	AF-AFOSR-1098-66		AF-AFOSR-1164-66	AFOSR 66-1918
AF-AFOSR-1045-66	AFOSR 67-1092	AFOSR 67-1905	AF-AFOSR-1130-66	AFOSR 66-0423	
AFOSR 67-2763	AFOSR 67-1123		AFOSR 66-0373		AF-AFOSR-1202-67
AFOSR 67-2764	AFOSR 67-1418	AF-AFOSR-1099-66	AFOSR 66-0374	AF-AFOSR-1165-66	AFOSR 66-0280
	AFOSR 67-1938	AFOSR 67-2133	AFOSR 66-0375	AFOSR 67-1390	AFOSR 66-2435
AF-AFOSR-1047-66	AFOSR 66-2181	AFOSR 66-0823	AFOSR 66-0377	AFOSR 66-2439	AFOSR 66-2436
AFOSR 66-0304	AFOSR 66-2228	AFOSR 66-0824	AFOSR 66-0379		AFOSR 66-2438
AFOSR 66-2472	AFOSR 66-2453	AFOSR 66-0824	AFOSR 66-0410	AF-AFOSR-1167-66	AFOSR 66-2440
AFOSR 66-2500		AFOSR 66-0868	AFOSR 66-1031	AFOSR 66-2183	
AFOSR 66-2596	AF-AFOSR-1072-66		AFOSR 66-1066		AF-AFOSR-1205-67
AFOSR 66-2600	AFOSR 67-2553	AF-AFOSR-1100-66	AFOSR 66-1076	AF-AFOSR-1176-66	AFOSR 66-0782
AFOSR 66-2602		AFOSR 67-1065	AFOSR 66-1169	AFOSR 66-2658	AFOSR 66-0869
AFOSR 66-2674	AF-AFOSR-1075-66		AFOSR 66-1992	AFOSR 66-2660	AFOSR 66-0870
	AFOSR 67-0108	AF-AFOSR-1101-66	AFOSR 66-2299	AFOSR 66-2666	AFOSR 66-0948
AF-AFOSR-1048-66	AFOSR 67-0788	AFOSR 67-1023	AF-AFOSR-1131-66		AF-AFOSR-1206-67
AFOSR 67-0923	AFOSR 67-0930	AFOSR 67-2222	AFOSR 66-1099	AFOSR 66-2666	AFOSR 67-0837
	AFOSR 66-0684	AFOSR 66-0472	AFOSR 66-2503	AF-AFOSR-1180-66	AFOSR 67-1188
AF-AFOSR-1050-66	AFOSR 66-1485	AFOSR 66-2356		AFOSR 66-0505	AFOSR 67-2190
AFOSR 67-0243	AFOSR 66-1486		AF-AFOSR-1130-66		AFOSR 66-0766
	AF-AFOSR-1076-66	AF-AFOSR-1102-66	AFOSR 66-1900	AF-AFOSR-1182-67	AFOSR 66-0939
AF-AFOSR-1050-67	AFOSR 67-1740	AFOSR 67-0089		AFOSR 66-2332	
AFOSR 67-1417		AFOSR 67-0090		AFOSR 66-2786	

AF-AFOSR-1209-67 AFOSR 67-2741 AFOSR 68-1647	AFOSR 68-0516	AF-AFOSR-1269-67 AFOSR 68-2326	AFOSR 68-2477	AF-AFOSR-1381-68 AFOSR 68-2449	AF-AFOSR-1467-68 AFOSR 68-2736
AF-AFOSR-1210-67 AFOSR 67-2848	AF-AFOSR-1239-67 AFOSR 68-0673	AF-AFOSR-1270-67 AFOSR 68-1825	AF-AFOSR-1319-67 AFOSR 68-0552	AF-AFOSR-1383-68 AFOSR 68-2421	AF-AFOSR-1471-68 AFOSR 68-2213
AF-AFOSR-1211-67 AFOSR 68-0343 AFOSR 68-0691 AFOSR 68-0692 AFOSR 68-0693 AFOSR 68-1709 AFOSR 68-1711	AF-AFOSR-1236-67 AFOSR 68-2841 AFOSR 68-2844 AFOSR 68-2845	AF-AFOSR-1273-67 AFOSR 68-1517	AF-AFOSR-1316-67 AFOSR 68-0552 AFOSR 68-2685	AF-AFOSR-1384-68 AFOSR 68-2675	AF-AFOSR-1498-68 AFOSR 68-2742
AF-AFOSR-1212-67 AFOSR 68-0364 AFOSR 68-0366	AF-AFOSR-1243-67 AFOSR 68-1481 AFOSR 68-1431 AFOSR 68-2434	AF-AFOSR-1275-67 AFOSR 68-2132	AF-AFOSR-1318-67 AFOSR 68-2625	AF-AFOSR-1400-68 AFOSR 67-2696 AFOSR 68-1081 AFOSR 68-1088 AFOSR 68-1193 AFOSR 68-1857	AF-AFOSR-1501-68 AFOSR 68-1775
AF-AFOSR-1213-67 AFOSR 67-2627 AFOSR 67-2628	AF-AFOSR-1244-67 AFOSR 67-2859 AFOSR 68-0363 AFOSR 68-2451	AF-AFOSR-1276-67 AFOSR 68-0701 AFOSR 68-1116 AFOSR 68-1609 AFOSR 68-1510	AF-AFOSR-1325-67 AFOSR 68-1375	AF-AFOSR-1401-68 AFOSR 68-0990 AFOSR 68-1626 AFOSR 68-2138 AFOSR 68-2516	AF-AFOSR-1508-68 AFOSR 68-2360
AF-AFOSR-1219-67 AFOSR 67-2020 AFOSR 68-2052	AF-AFOSR-1245-67 AFOSR 68-2899 AFOSR 68-2899 AFOSR 68-2900 AFOSR 68-2904 AFOSR 68-2905 AFOSR 68-2906 AFOSR 68-2907 AFOSR 68-2908 AFOSR 68-2909 AFOSR 68-2910	AF-AFOSR-1278-67 AFOSR 68-1667	AF-AFOSR-1331-67 AFOSR 68-2309	AF-AFOSR-1402-68 AFOSR 68-0959	AF-AFOSR-1513-68 AFOSR 68-1427 AFOSR 68-2277
AF-AFOSR-1219-67 AFOSR 68-2006 AFOSR 68-2078 AFOSR 68-2460 AFOSR 68-2462 AFOSR 68-2610 AFOSR 68-2643	AF-AFOSR-1251-67 AFOSR 68-0500 AFOSR 68-0594 AFOSR 68-0675 AFOSR 68-1505	AF-AFOSR-1281-67 AFOSR 68-1516 AFOSR 68-2706	AF-AFOSR-1333-67 AFOSR 68-0327 AFOSR 68-2113 AFOSR 68-2274	AF-AFOSR-1404-68 AFOSR 68-1030 AFOSR 68-1036 AFOSR 68-1764 AFOSR 68-2075 AFOSR 68-2482 AFOSR 68-2501 AFOSR 68-2628 AFOSR 68-2806 AFOSR 68-2862	AF-AFOSR-1600-68 AFOSR 68-1678
AF-AFOSR-1220-67 AFOSR 67-2286	AF-AFOSR-1252-67 AFOSR 67-2348	AF-AFOSR-1282-67 AFOSR 68-0575 AFOSR 68-0987	AF-AFOSR-1337-67 AFOSR 68-2545	AF-AFOSR-1405-68 AFOSR 68-0919	AF-AFOSR-1601-68 AFOSR 68-1796 AFOSR 67-2054
AF-AFOSR-1222-67 AFOSR 68-0491	AF-AFOSR-1253-67 AFOSR 67-2300	AF-AFOSR-1287-67 AFOSR 68-2273	AF-AFOSR-1342-68 AFOSR 68-1704	AF-AFOSR-1410-68 AFOSR 68-2407 AFOSR 68-2417	AF-AFOSR-1602-68 AFOSR 68-1789
AF-AFOSR-1223-67 AFOSR 67-2166 AFOSR 67-2853 AFOSR 68-1713 AFOSR 68-2210	AF-AFOSR-1255-67 AFOSR 68-1250 AFOSR 68-1251 AFOSR 68-1306 AFOSR 68-1308 AFOSR 68-2103	AF-AFOSR-1292-67 AFOSR 68-1396 AFOSR 68-1559 AFOSR 68-1807 AFOSR 68-1869	AF-AFOSR-1346-68 AFOSR 68-2209 AFOSR 68-2539	AF-AFOSR-1411-68 AFOSR 68-0793 AFOSR 68-0849 AFOSR 68-2182	AF-AFOSR-1603-68 AFOSR 68-1613
AF-AFOSR-1224-67 AFOSR 68-2173	AF-AFOSR-1256-67 AFOSR 67-2004 AFOSR 67-2021 AFOSR 68-0225 AFOSR 68-1200 AFOSR 68-1294 AFOSR 68-1624	AF-AFOSR-1293-67 AFOSR 68-2175	AF-AFOSR-1347-68 AFOSR 68-2509 AFOSR 68-2510 AFOSR 68-2511 AFOSR 68-2522	AF-AFOSR-1412-68 AFOSR 68-1527 AFOSR 68-1636	AF-AFOSR-1604-68 AFOSR 68-1692
AF-AFOSR-1225-67 AFOSR 68-2607	AF-AFOSR-1257-67 AFOSR 68-0167 AFOSR 68-1463	AF-AFOSR-1296-67 AFOSR 68-1631 AFOSR 68-2733 AFOSR 68-2734	AF-AFOSR-1350-68 AFOSR 68-1883 AFOSR 68-1884 AFOSR 68-1911 AFOSR 68-2524 AFOSR 68-2805	AF-AFOSR-1416-68 AFOSR 68-1780 AFOSR 68-2536 AFOSR 68-2682	AF-AFOSR-1605-68 AFOSR 68-1693
AF-AFOSR-1226-67 AFOSR 67-0856 AFOSR 67-1439 AFOSR 67-1511 AFOSR 67-2453 AFOSR 67-2511 AFOSR 68-0469 AFOSR 68-0770 AFOSR 68-1065 AFOSR 68-1332 AFOSR 68-1552 AFOSR 68-1616 AFOSR 68-1959 AFOSR 68-2607 AFOSR 68-2732	AF-AFOSR-1258-67 AFOSR 68-0178 AFOSR 68-0201	AF-AFOSR-1297-67 AFOSR 68-0983	AF-AFOSR-1354-68 AFOSR 68-0719 AFOSR 68-1570 AFOSR 68-1573 AFOSR 68-1733 AFOSR 68-1962 AFOSR 68-2253	AF-AFOSR-1421-68 AFOSR 68-2198 AFOSR 68-2484	AF-AFOSR-1606-68 AFOSR 68-1694
AF-AFOSR-1227-67 AFOSR 68-1748 AFOSR 68-1770 AFOSR 68-1774 AFOSR 68-1877 AFOSR 68-2060 AFOSR 68-2705	AF-AFOSR-1259-67 AFOSR 68-0178 AFOSR 68-0201	AF-AFOSR-1301-67 AFOSR 68-1417	AF-AFOSR-1359-68 AFOSR 68-2777	AF-AFOSR-1427-68 AFOSR 68-2085	AF-AFOSR-1607-68 AFOSR 68-1695
AF-AFOSR-1228-67 AFOSR 67-2046 AFOSR 68-1421	AF-AFOSR-1260-67 AFOSR 67-1447 AFOSR 67-2610 AFOSR 68-1025 AFOSR 68-1925 AFOSR 68-2008	AF-AFOSR-1302-67 AFOSR 67-2806	AF-AFOSR-1364-68 AFOSR 68-1893	AF-AFOSR-1428-68 AFOSR 68-1942	AF-AFOSR-1608-68 AFOSR 68-1696
AF-AFOSR-1230-67 AFOSR 68-2703	AF-AFOSR-1261-67 AFOSR 68-0411	AF-AFOSR-1304-67 AFOSR 68-1893	AF-AFOSR-1365-68 AFOSR 68-0569 AFOSR 68-1502 AFOSR 68-1503 AFOSR 68-1701 AFOSR 68-1704 AFOSR 68-2270 AFOSR 68-2547	AF-AFOSR-1432-68 AFOSR 68-1619	AF-AFOSR-1609-68 AFOSR 68-1697
AF-AFOSR-1234-67 AFOSR 68-0342	AF-AFOSR-1262-67 AFOSR 68-0411	AF-AFOSR-1307-67 AFOSR 68-1677	AF-AFOSR-1367-68 AFOSR 68-1391	AF-AFOSR-1434-68 AFOSR 68-2514 AFOSR 68-2515	AF-AFOSR-1610-68 AFOSR 68-1698
	AF-AFOSR-1263-67 AFOSR 68-0411	AF-AFOSR-1311-67 AFOSR 68-0818 AFOSR 68-0819 AFOSR 68-0825 AFOSR 68-0862 AFOSR 68-0948 AFOSR 68-1299	AF-AFOSR-1370-68 AFOSR 68-2433 AFOSR 68-2475	AF-AFOSR-1435-68 AFOSR 68-1632 AFOSR 68-2759	AF-AFOSR-1611-68 AFOSR 68-1699
	AF-AFOSR-1264-67 AFOSR 68-0411	AF-AFOSR-1312-67 AFOSR 68-0849 AFOSR 68-0850 AFOSR 68-1533 AFOSR 68-2702 AFOSR 68-2706 AFOSR 68-2706	AF-AFOSR-1377-68 AFOSR 68-2704	AF-AFOSR-1436-68 AFOSR 68-2316 AFOSR 68-2479	AF-AFOSR-1612-68 AFOSR 68-1700

AF-EOAR -0008-67 AFOSR 68-1542 AFOSR 68-1543	AF-EOAR -0018-67 AFOSR 67-1509 AFOSR 67-1609 AFOSR 67-1632 AFOSR 67-1642 AFOSR 67-1643 AFOSR 67-1704 AFOSR 67-1750 AFOSR 67-2793 AFOSR 67-2802 AFOSR 68-0132	AF-EOAR -0018-66 AFOSR 68-0245 AFOSR 68-0246 AFOSR 68-0247 AFOSR 68-0248 AFOSR 68-0249 AFOSR 68-0352 AFOSR 68-1352	AF-EOAR -0020-66 AFOSR 67-0403	AFOSR 67-0899 AFOSR 67-1308 AFOSR 67-1653 AFOSR 68-1493	AF-EOAR -0039-66 AFOSR 67-0271 AFOSR 67-0272 AFOSR 67-0273 AFOSR 67-0274 AFOSR 67-0473 AFOSR 67-1319 AFOSR 68-0261 AFOSR 68-0634 AFOSR 68-2313 AFOSR 68-2738
AF-EOAR -0007-64 AFOSR 67-2606			AF-EOAR -0026-67 AFOSR 67-2612 AFOSR 68-0145 AFOSR 68-1176 AFOSR 68-1204 AFOSR 68-2119	AF-EOAR -0033-67 AFOSR 68-0963 AFOSR 68-2010 AFOSR 68-2268 AFOSR 68-2659	
AF-EOAR -0007-65 AFOSR 67-1333 AFOSR 67-1362 AFOSR 68-2768		AF-EOAR -0018-67 AFOSR 67-2602 AFOSR 68-0192 AFOSR 68-0311 AFOSR 68-0810 AFOSR 68-0872 AFOSR 68-0999 AFOSR 68-1738 AFOSR 68-2727 AFOSR 68-2728 AFOSR 68-2729	AF-EOAR -0027-66 AFOSR 67-1656 AFOSR 67-2784 AFOSR 67-2785 AFOSR 67-2786 AFOSR 68-0474	AF-EOAR -0038-64 AFOSR 67-0823 AFOSR 67-1989	AF-EOAR -0039-67 AFOSR 67-2781
AF-EOAR -0007-66 AFOSR 67-0500 AFOSR 67-0501 AFOSR 67-0502 AFOSR 67-0844 AFOSR 68-0867	AF-EOAR -0013-63 AFOSR 67-0101 AFOSR 67-0969 AFOSR 67-0970				
AF-EOAR -0007-67 AFOSR 68-1017 AFOSR 68-1991 AFOSR 68-2749 AFOSR 68-2790	AF-EOAR -0014-65 AFOSR 68-0806 AFOSR 68-2390	AF-EOAR -0019-65 AFOSR 68-2174			
	AF-EOAR -0014-66 AFOSR 67-0108 AFOSR 67-0831 AFOSR 68-0193	AF-EOAR -0019-66 AFOSR 67-1161	AF-EOAR -0027-65 AFOSR 67-2530	AF-EOAR -0034-65 AFOSR 67-0113	AF-EOAR -0040-64 AFOSR 67-0099 AFOSR 68-0196
AF-EOAR -0008-63 AFOSR 67-1291 AFOSR 67-1293 AFOSR 67-1306		AF-EOAR -0019-67 AFOSR 68-0520 AFOSR 68-0534 AFOSR 68-0535 AFOSR 68-0536 AFOSR 68-0537 AFOSR 68-1652 AFOSR 68-2701 AFOSR 68-2726	AF-EOAR -0026-66 AFOSR 68-1734 AFOSR 68-1744 AFOSR 68-1745 AFOSR 68-1746 AFOSR 68-1747 AFOSR 68-1771 AFOSR 68-1772 AFOSR 68-2086 AFOSR 68-2192 AFOSR 68-2262 AFOSR 68-2306	AF-EOAR -0034-66 AFOSR 67-2769	AF-EOAR -0040-65 AFOSR 67-0975
AF-EOAR -0008-64 AFOSR 67-1034 AFOSR 68-0809 AFOSR 68-1990 AFOSR 68-2776	AF-EOAR -0014-67 AFOSR 67-2025			AF-EOAR -0035-67 AFOSR 68-0811	AF-EOAR -0040-67 AFOSR 67-2114
AF-EOAR -0008-65 AFOSR 67-0877	AF-EOAR -0015-65 AFOSR 67-0678	AF-EOAR -0020-66 AFOSR 68-1928		AF-EOAR -0035-66 AFOSR 67-1284 AFOSR 67-1285	AF-EOAR -0041-66 AFOSR 68-0066
	AF-EOAR -0015-67 AFOSR 67-2264 AFOSR 67-2271 AFOSR 68-0315 AFOSR 68-1015 AFOSR 68-1016 AFOSR 68-1648 AFOSR 68-1649 AFOSR 68-2795	AF-EOAR -0020-67 AFOSR 68-1621 AFOSR 68-1703	AF-EOAR -0028-67 AFOSR 68-0524	AF-EOAR -0036-65 AFOSR 67-0060 AFOSR 67-0141 AFOSR 67-0872 AFOSR 67-0878 AFOSR 67-0885 AFOSR 67-1135 AFOSR 67-1148 AFOSR 67-1323 AFOSR 67-1349 AFOSR 67-1620 AFOSR 67-1630 AFOSR 67-1637 AFOSR 67-1638 AFOSR 67-1639 AFOSR 67-1640 AFOSR 67-1652 AFOSR 67-1735 AFOSR 67-2700 AFOSR 67-2701 AFOSR 67-2766 AFOSR 67-2771 AFOSR 68-0746 AFOSR 68-0747 AFOSR 68-0748 AFOSR 68-0779 AFOSR 68-0910	AF-EOAR -0042-66 AFOSR 68-1163 AFOSR 68-1165
AF-EOAR -0008-66 AFOSR 67-1690	AF-EOAR -0016-66 AFOSR 67-0414 AFOSR 67-2059	AF-EOAR -0020-68 ARL 68-0279W	AF-EOAR -0029-66 AFOSR 68-0564 AFOSR 68-0565 AFOSR 68-0566 AFOSR 68-0567 AFOSR 68-1131 AFOSR 68-1213 AFOSR 68-1214 AFOSR 68-1215 AFOSR 68-1216 AFOSR 68-1217 AFOSR 68-1218 AFOSR 68-1219 AFOSR 68-1221 AFOSR 68-1240 AFOSR 68-1241 AFOSR 68-1242 AFOSR 68-1259	AF-EOAR -0036-67 AFOSR 68-0526 AFOSR 68-0604 AFOSR 68-0605 AFOSR 68-2710 AFOSR 68-2711 AFOSR 68-2712	AF-EOAR -0042-67 ARL 67-0840W ARL 68-0225W ARL 68-0291W ARL 68-0292W ARL 68-0293W ARL 68-1445W
AF-EOAR -0008-67 AFOSR 68-1132	AF-EOAR -0016-68 ARL 68-0016U ARL 68-0139U ARL 68-0184U ARL 68-0281U	AF-EOAR -0021-66 AFOSR 67-0278			AF-EOAR -0043-66 AFOSR 68-2588
AF-EOAR -0009-63 AFOSR 67-2548	AF-EOAR -0017-64 AFOSR 68-0107 AFOSR 68-0123 AFOSR 68-0989 AFOSR 68-1003 AFOSR 68-1074	AF-EOAR -0021-67 AFOSR 68-1889			AF-EOAR -0044-66 AFOSR 67-0871 AFOSR 68-2150
AF-EOAR -0009-65 AFOSR 67-0902 AFOSR 67-0903 AFOSR 67-0908 AFOSR 68-0696 AFOSR 68-0697 AFOSR 68-0698 AFOSR 68-0700	AF-EOAR -0017-65 AFOSR 67-2572 AFOSR 68-0812 AFOSR 68-0813 AFOSR 68-2330	AF-EOAR -0022-65 AFOSR 67-0952 AFOSR 67-1294 AFOSR 67-1307 AFOSR 67-1311 AFOSR 67-1312	AF-EOAR -0022-66 AFOSR 67-0521 AFOSR 67-1606 AFOSR 67-1691 AFOSR 68-0922		
AF-EOAR -0009-66 AFOSR 67-0846 AFOSR 67-0865 AFOSR 67-0866 AFOSR 67-0867 AFOSR 67-2275	AF-EOAR -0017-66 AFOSR 67-0610 AFOSR 67-2343 AFOSR 67-2349 AFOSR 67-2350	AF-EOAR -0023-63 AFOSR 67-2043	AF-EOAR -0023-65 AFOSR 67-0842 AFOSR 68-1179 AFOSR 68-1274		
AF-EOAR -0009-67 AFOSR 68-0231 AFOSR 68-0626	AF-EOAR -0017-67 AFOSR 68-0194 AFOSR 68-0195 AFOSR 68-0694 AFOSR 68-1398	AF-EOAR -0023-66 AFOSR 67-2043	AF-EOAR -0024-66 AFOSR 67-0279 AFOSR 67-0286 AFOSR 67-0287	AF-EOAR -0030-65 AFOSR 67-0097	AF-EOAR -0044-67 AFOSR 67-2681
AF-EOAR -0010-65 AFOSR 67-0207	AF-EOAR -0017-68 AFOSR 67-0610 AFOSR 67-2343 AFOSR 67-2349 AFOSR 67-2350	AF-EOAR -0023-67 AFOSR 67-2043	AF-EOAR -0024-67 AFOSR 68-0713	AF-EOAR -0030-67 AFOSR 68-1331	AF-EOAR -0045-65 AFOSR 68-1349
AF-EOAR -0010-66 AFOSR 67-0920	AF-EOAR -0017-69 AFOSR 68-0194 AFOSR 68-0195 AFOSR 68-0694 AFOSR 68-1398	AF-EOAR -0023-68 AFOSR 67-2043	AF-EOAR -0025-67 AFOSR 68-1070 AFOSR 68-1093 AFOSR 68-1814 AFOSR 68-1837 AFOSR 68-2719 AFOSR 68-2723	AF-EOAR -0031-63 AFOSR 67-0586 AFOSR 68-2137 AFOSR 68-2612	AF-EOAR -0045-66 AFOSR 67-2272
AF-EOAR -0010-67 AFOSR 68-2640	AF-EOAR -0018-63 AFOSR 68-0513 AFOSR 68-0532	AF-EOAR -0024-67 AFOSR 67-2043	AF-EOAR -0026-67 AFOSR 68-1070 AFOSR 68-1093 AFOSR 68-1814 AFOSR 68-1837 AFOSR 68-2719 AFOSR 68-2723	AF-EOAR -0031-65 AFOSR 68-0713	AF-EOAR -0046-64 AFOSR 67-0472 AFOSR 67-1365
AF-EOAR -0011-66 AFOSR 67-0847 AFOSR 67-1546 AFOSR 67-2026	AF-EOAR -0018-64 AFOSR 68-0531	AF-EOAR -0024-68 AFOSR 67-2043	AF-EOAR -0027-66 AFOSR 67-0521 AFOSR 67-1606 AFOSR 67-1691 AFOSR 68-0922	AF-EOAR -0032-65 AFOSR 67-1157 AFOSR 68-1415	AF-EOAR -0046-65 AFOSR 67-0002 AFOSR 67-0020 AFOSR 67-0065 AFOSR 67-1112 AFOSR 67-1341
AF-EOAR -0012-66 AFOSR 67-0133 AFOSR 67-0134 AFOSR 67-1090 AFOSR 68-0607 AFOSR 68-0608		AF-EOAR -0024-69 AFOSR 67-2043	AF-EOAR -0028-67 AFOSR 68-0524	AF-EOAR -0032-67 AFOSR 68-1004 AFOSR 68-2250	AF-EOAR -0046-66 AFOSR 67-2559 AFOSR 67-2560 AFOSR 67-2561 AFOSR 67-2562 AFOSR 67-2563 AFOSR 67-2564 AFOSR 68-0523

AF-EDAR -0047-65 AFOSR 66-1419	AFOSR 67-1829 AFOSR 67-1780 AFOSR 66-0836	AF-EDAR -0082-65 ARL 67-0155W	AFCHL 67-0002	AF-19/628/02466 AFCHL 67-0693	AF-19/628/03828 AFCHL 67-0010
AF-EDAR -0047-66 AFOSR 67-2012	AF-EDAR -0062-64 AFOSR 67-0491 AFOSR 67-0832 AFOSR 66-0819	AF-EDAR -0083-65 AFOSR 67-0394 AFOSR 67-2438	AF-19/628/01691 AFCHL 66-0280	AF-19/628/02772 AFCHL 67-0112	AF-19/628/03834 AFCHL 67-0299 AFCHL 67-0300
AF-EDAR -0047-67 AFOSR 66-2582		AF-EDAR -0084-65 AFOSR 67-0012	AF-19/628/01645 AFCHL 67-0244 AFCHL 67-0245 AFCHL 67-0246 AFCHL 67-0247 AFCHL 67-0248 AFCHL 67-0249 AFCHL 67-0250 AFCHL 67-0251 AFCHL 67-0252 AFCHL 67-0253	AF-19/628/02784 AFCHL 67-0308	AF-19/628/03835 AFCHL 67-0014 AFCHL 66-0413
AF-EDAR -0048-15 AFOSR 67-2552	AF-EDAR -0062-64 AFOSR 66-1212	AF-EUAR -0087-63 AFOSR 67-0355	AF-19/628/02790 AFCHL 66-0484		
AF-EDAR -0049-64 AFCHL 66-0073	AF-EDAR -0063-63 AFOSR 67-0704	AF-EDAR -0088-62 AFOSR 67-1990	AF-19/628/02809 AFCHL 67-0467		AF-19/628/03836 AFCHL 67-0512
AF-EDAR -0049-66 AFOSR 67-2074	AF-EDAR -0066-65 ARL 67-0083U ARL 67-0180U ARL 66-0020U	AF-EDAR -0090-65 AFOSR 67-0659 AFOSR 66-1089 AFOSR 66-2200	AF-19/628/01698 AFCHL 66-0126	AF-19/628/02815 AFCHL 67-0415 AFCHL 67-0452	AF-19/628/03846 AFCHL 67-0437
AF-EDAR -0050-65 AFOSR 67-2262	AF-EDAR -0066-64 AFOSR 67-0511 AFOSR 67-2556	AF-EDAR -0091-65 AFOSR 66-1741	AF-19/628/01699 AFCHL 67-0375 AFCHL 67-0376 AFCHL 67-0419 AFCHL 67-0853 AFCHL 67-0866	AF-19/628/02816 AFCHL 67-0027	AF-19/628/03850 AFCHL 67-0089 AFCHL 67-0191
AF-EDAR -0050-67 AFOSR 66-2281 AFOSR 66-2671	AF-EDAR -0067-62 AFOSR 67-0496 AFOSR 67-0497	AF-EDAR -0092-65 AFCHL 67-0092	AF-19/628/02350 AFCHL 66-0098 AFCHL 66-0099 AFCHL 66-0100	AF-19/628/02819 AFCHL 66-0365	AF-19/628/03853 AFCHL 67-0104
AF-EDAR -0052-64 AFOSR 67-0064 AFOSR 67-0927 AFOSR 67-1382 AFOSR 66-1027 AFOSR 66-1078	AF-EDAR -0067-63 AFOSR 67-1033	AF-EDAR -0093-65 AFOSR 66-0040		AF-19/628/02837 AFCHL 66-0177	AF-19/628/03858 AFCHL 67-0267
AF-EDAR -0052-65 AFOSR 67-0112	AF-EDAR -0068-65 AFOSR 67-0381 AFOSR 67-0563 AFOSR 66-1272 AFOSR 66-1275 AFOSR 66-2664	AF-EDAR -0094-65 AFOSR 67-0368 AFOSR 67-0498	AF-19/628/02352 AFCHL 67-0460 AFCHL 67-0477 AFCHL 66-0051 AFCHL 66-0277	AF-19/628/02911 AFCHL 67-0446	AF-19/628/03860 AFCHL 67-0203
AF-EDAR -0052-66 AFOSR 67-2249 AFOSR 67-2251 AFOSR 67-2253	AF-EDAR -0069-65 AFOSR 67-0098 AFOSR 67-0649	AF-EDAR -0096-63 AFOSR 66-0554	AF-19/628/02357 AFCHL 66-0103	AF-19/628/02916 AFCHL 67-0026 AFCHL 67-0264 AFCHL 67-0265	AF-19/628/03866 AFCHL 67-0073 AFCHL 67-0519 AFCHL 67-0531 AFCHL 67-0614 AFCHL 67-0615 AFCHL 67-0671 AFCHL 66-0084 AFCHL 66-0093
AF-EDAR -0053-66 AFOSR 67-0132 AFOSR 67-2586 AFOSR 66-0191 AFOSR 66-0286 AFOSR 66-0287 AFOSR 66-0288 AFOSR 66-0292 AFOSR 66-0293	AF-EDAR -0070-62 AFOSR 66-1842	AF-EDAR -0095-62 AFOSR 67-2779 AFOSR 66-1043	AF-19/628/02359 AFCHL 66-0151	AF-19/628/02981 AFCHL 66-0389	AF-19/628/03870 AFCHL 67-0438
AF-EDAR -0053-67 ARL 66-0351W	AF-EDAR -0071-63 AFOSR 67-0350 AFOSR 67-0351 AFOSR 67-0354 AFOSR 67-0433 AFOSR 67-2002 AFOSR 66-0158 AFOSR 66-0164 AFOSR 66-0165 AFOSR 66-0166	AF-EDAR -0112-63 AFOSR 67-1303	AF-19/628/02374 AFCHL 67-0111 AFCHL 66-0027 AFCHL 66-0036 AFCHL 66-0040	AF-19/628/02391 AFCHL 67-0181	AF-19/628/03874 AFCHL 67-0037 AFCHL 66-0514
AF-EDAR -0055-65 AFOSR 67-0866 AFOSR 67-0869 AFOSR 67-0870 AFOSR 67-2274 AFOSR 66-0602 AFOSR 66-0603	AF-EDAR -0071-65 AFOSR 67-0279 AFOSR 67-2267 AFOSR 67-2268	AF-19/603/00053 AFOSR 67-1225	AF-19/628/02398 AFCHL 67-0675	AF-19/628/02398 AFCHL 66-0261	AF-19/628/03876 AFCHL 67-0055 AFCHL 67-0210 AFCHL 67-0257 AFCHL 67-0431
AF-EDAR -0057-64 AFOSR 67-2294	AF-EDAR -0074-64 AFCHL 67-0140 AFCHL 67-0174 AFCHL 66-0172 AFCHL 66-0645	AF-19/628/00204 AFCHL 67-0063	AF-19/628/02399 AFCHL 66-0210	AF-19/628/03310 AFCHL 67-0242	AF-19/628/03877 AFCHL 66-0312
AF-EDAR -0058-63 AFOSR 67-0467 AFOSR 67-2442 AFOSR 66-0629	AF-EDAR -0075-63 AFOSR 67-1994	AF-19/628/00215 AFCHL 67-0276	AF-19/628/02406 AFCHL 67-0330 AFCHL 67-0258 AFCHL 67-0260 AFCHL 67-0377 AFCHL 67-0404 AFCHL 67-0406 AFCHL 67-0653 AFCHL 67-0667 AFCHL 67-0533	AF-19/628/03313 AFCHL 66-0383	AF-19/628/03883 AFCHL 67-0259
AF-EDAR -0059-63 AFOSR 67-1206	AF-EDAR -0079-63 AFOSR 67-0070 AFOSR 67-0071 AFOSR 67-0072 AFOSR 67-0328 AFOSR 67-0379 AFOSR 67-1350	AF-19/628/00234 AFCHL 67-0114	AF-19/628/02406 AFCHL 67-0330 AFCHL 67-0258 AFCHL 67-0260 AFCHL 67-0377 AFCHL 67-0404 AFCHL 67-0406 AFCHL 67-0653 AFCHL 67-0667 AFCHL 67-0533	AF-19/628/03322 AFCHL 67-0035 AFCHL 67-0202 AFCHL 67-0209 AFCHL 67-0216 AFCHL 67-0217 AFCHL 67-0346	AF-19/628/03887 AFCHL 66-0189
AF-EDAR -0059-65 AFOSR 67-0855 AFOSR 67-1612 AFOSR 67-1538	AF-EDAR -0080-63 AFOSR 67-0609 AFOSR 67-1324	AF-19/628/00282 AFCHL 67-0482	AF-19/628/02414 AFCHL 67-0048	AF-19/628/03329 AFCHL 67-0072 AFCHL 67-0083 AFCHL 67-0110	AF-19/628/03891 AFCHL 67-0172
AF-EDAR -0060-65 AFOSR 67-1941	AF-EDAR -0080-64 AFOSR 67-0191 AFOSR 66-0642	AF-19/628/00282 AFCHL 67-0482	AF-19/628/02423 AFCHL 67-0620	AF-19/628/03329 AFCHL 67-0037 AFCHL 67-0386	AF-19/628/03892 AFCHL 67-0069
AF-EDAR -0061-64 AFOSR 67-1774 AFOSR 67-2276 AFOSR 67-2285	AF-EDAR -0081-65 AFOSR 66-2373	AF-19/628/00408 AFCHL 67-0145	AF-19/628/02433 AFCHL 67-0338	AF-19/628/03313 AFCHL 67-0399	AF-19/628/03896 AFCHL 66-0585
AF-EDAR -0061-65 AFOSR 67-0369 AFOSR 67-0370		AF-19/628/00423 AFCHL 67-0148	AF-19/628/02462 AFCHL 67-0455	AF-19/628/03313 AFCHL 67-0399	AF-19/628/03898 AFCHL 67-0007
		AF-19/628/00586 AFCHL 67-0001	AF-19/628/02474 AFCHL 67-0288	AF-19/628/03313 AFCHL 67-0399	AF-19/628/03906 AFCHL 67-0108 AFCHL 67-0367

AF-19/628/04002 AFCL 67-0329	AFCL 68-0618 AFCL 68-0623	AF-19/628/04328 AFCL 67-0330	AF-19/628/04785 AFCL 67-0195 AFCL 68-0190	AFCL 67-0488	AFCL 67-0893 AFCL 68-0239
AF-19/628/04014 AFCL 67-0030 AFCL 67-0087 AFCL 67-0328 AFCL 67-0418 AFCL 67-0466 AFCL 67-0551 AFCL 68-0067	AF-19/628/04009 AFCL 67-0273	AF-19/628/04331 AFCL 68-0247	AF-19/628/04789 AFCL 67-0565 AFCL 67-0588 AFCL 67-0619	AF-19/628/04991 AFCL 67-0206 AFCL 68-0187 AFCL 68-0271	AF-19/628/05098 AFCL 68-0128 AFCL 68-0129 AFCL 68-0130 AFCL 68-0131
AF-19/628/04019 AFCL 67-0397 AFCL 68-0584	AF-19/628/04146 AFCL 68-0001	AF-19/628/04339 AFCL 68-0058	AF-19/628/04790 AFCL 67-0541 AFCL 67-0652	AF-19/628/04995 AFCL 67-0295 AFCL 67-0508 AFCL 68-0538	AF-19/628/05100 AFCL 67-0023 AFCL 67-0086
AF-19/628/04029 AFCL 67-0369	AF-19/628/04157 AFCL 67-0068 AFCL 67-0293	AF-19/628/04348 AFCL 68-0181	AF-19/628/04793 AFCL 68-0014	AF-19/628/05028 AFCL 68-0219	AF-19/628/05104 AFCL 67-0497
AF-19/628/04032 AFCL 67-0413	AF-19/628/04165 AFCL 67-0426 AFCL 67-0439	AF-19/628/04349 AFCL 67-0090 AFCL 67-0342 AFCL 68-0208 AFCL 68-0297	AF-19/628/04794 AFCL 67-0423 AFCL 68-0072	AF-19/628/05029 AFCL 68-0082	AF-19/628/05105 AFCL 68-0061
AF-19/628/04040 AFCL 67-0517	AF-19/628/04177 AFCL 68-0334	AF-19/628/04350 AFCL 67-0061 AFCL 67-0150 AFCL 67-0168 AFCL 67-0311 AFCL 67-0632 AFCL 67-0637 AFCL 67-0640 AFCL 67-0680	AF-19/628/04795 AFCL 67-0433 AFCL 67-0534 AFCL 67-0659	AF-19/628/05039 AFCL 67-0129 AFCL 67-0421 AFCL 67-0428 AFCL 67-0480 AFCL 67-0484 AFCL 67-0500 AFCL 67-0570 AFCL 68-0118	AF-19/628/05111 AFCL 67-0510 AFCL 67-0511 AFCL 68-0284 AFCL 68-0361
AF-19/628/04050 AFCL 67-0180 AFCL 67-0186 AFCL 67-0425	AF-19/628/04178 AFCL 67-0424	AF-19/628/04360 AFCL 67-0173	AF-19/628/04797 AFCL 67-0448	AF-19/628/05040 AFCL 68-0041	AF-19/628/05127 AFCL 68-0070 AFCL 68-0371
AF-19/628/04052 AFCL 68-0411	AF-19/628/04190 AFCL 67-0218	AF-19/628/04363 AFCL 68-0384	AF-19/628/04900 AFCL 67-0208 AFCL 68-0071 AFCL 68-0083 AFCL 68-0155 AFCL 68-0156 AFCL 68-0192	AF-19/628/05043 AFCL 67-0185 AFCL 68-0147	AF-19/628/05129 AFCL 68-0024
AF-19/628/04055 AFCL 67-0470 AFCL 67-0532	AF-19/628/04192 AFCL 67-- 0403	AF-19/628/04372 AFCL 67-0016 AFCL 67-0017 AFCL 67-0019 AFCL 67-0079 AFCL 67-0010 AFCL 67-0027 AFCL 67-0628	AF-19/628/04801 AFCL 67-0170 AFCL 68-0106	AF-19/628/05044 AFCL 67-0336 AFCL 67-0536 AFCL 67-0584 AFCL 68-0010	AF-19/628/05137 AFCL 67-0001 AFCL 67-0243
AF-19/628/04059 AFCL 68-0128	AF-19/628/04197 AFCL 67-0204 AFCL 67-0205 AFCL 68-0403	AF-19/628/04376 AFCL 67-0590	AF-19/628/04950 AFCL 67-0236	AF-19/628/05052 AFCL 67-0360 AFCL 67-0523 AFCL 68-0026 AFCL 68-0094 AFCL 68-0190 AFCL 68-0515	AF-19/628/05139 AFCL 67-0031
AF-19/628/04063 AFCL 67-0189 AFCL 67-0669	AF-19/628/04208 AFCL 67-0006	AF-19/628/04379 AFCL 67-0176 AFCL 67-0177 AFCL 67-0179 AFCL 67-0566 AFCL 67-0178	AF-19/628/04953 AFCL 67-0366 AFCL 67-0367 AFCL 67-0387 AFCL 67-0388	AF-19/628/05053 AFCL 68-0194	AF-19/628/05140 AFCL 67-0031
AF-19/628/04065 AFCL 67-0118 AFCL 67-0520 AFCL 67-0521 AFCL 68-0060	AF-19/628/04215 AFCL 67-0268	AF-19/628/04381 AFCL 68-0209	AF-19/628/04955 AFCL 67-0344 AFCL 68-0224 AFCL 68-0426	AF-19/628/05054 AFCL 67-0694 AFCL 68-0096	AF-19/628/05145 AFCL 67-0117
AF-19/628/04068 AFCL 67-0275	AF-19/628/04239 AFCL 67-0635	AF-19/628/04384 AFCL 67-0271	AF-19/628/04956 AFCL 67-0535	AF-19/628/05055 AFCL 68-0194	AF-19/628/05147 AFCL 67-0371
AF-19/628/04071 AFCL 67-0623 AFCL 67-0624 AFCL 67-0625	AF-19/628/04297 AFCL 67-0228 AFCL 67-0378 AFCL 67-0500	AF-19/628/04386 AFCL 67-0547	AF-19/628/04968 AFCL 67-0201 AFCL 68-0148	AF-19/628/05056 AFCL 68-0466	AF-19/628/05150 AFCL 67-0318
AF-19/628/04076 AFCL 68-0180	AF-19/628/04302 AFCL 68-0101	AF-19/628/04388 AFCL 67-0547	AF-19/628/04970 AFCL 67-0123	AF-19/628/05058 AFCL 67-0326 AFCL 67-0449	AF-19/628/05170 AFCL 67-0394
AF-19/628/04078 AFCL 67-0390	AF-19/628/04310 AFCL 67-0103	AF-19/628/04389 AFCL 67-0547	AF-19/628/04973 AFCL 68-0299	AF-19/628/05059 AFCL 67-0564 AFCL 68-0175	AF-19/628/05173 AFCL 68-0337
AF-19/628/04080 AFCL 67-0277	AF-19/628/04315 AFCL 68-0007 AFCL 68-0008	AF-19/628/04392 AFCL 67-0617	AF-19/628/04974 AFCL 67-0046 AFCL 67-0427 AFCL 68-0048	AF-19/628/05062 AFCL 67-0028	AF-19/628/05174 AFCL 67-0352
AF-19/628/04081 AFCL 67-0030	AF-19/628/04316 AFCL 68-0135	AF-19/628/04394 AFCL 67-0111	AF-19/628/04976 AFCL 67-0046 AFCL 67-0427 AFCL 68-0048	AF-19/628/05064 AFCL 67-0028	AF-19/628/05187 AFCL 68-0442
AF-19/628/04082 AFCL 67-0022 AFCL 67-0057 AFCL 67-0085 AFCL 67-0262 AFCL 67-0291 AFCL 67-0327 AFCL 67-0639 AFCL 68-0161 AFCL 68-0162 AFCL 68-0268 AFCL 68-0385 AFCL 68-0395 AFCL 68-0396 AFCL 68-0553 AFCL 68-0604	AF-19/628/04321 AFCL 67-0379 AFCL 67-0408 AFCL 67-0432 AFCL 67-0594 AFCL 67-0638	AF-19/628/04396 AFCL 67-0111	AF-19/628/04978 AFCL 67-0101	AF-19/628/05065 AFCL 67-0269 AFCL 67-0412 AFCL 67-0458 AFCL 67-0485 AFCL 67-0514	AF-19/628/05189 AFCL 67-0471
	AF-19/628/04323 AFCL 67-0612	AF-19/628/04397 AFCL 67-0128	AF-19/628/04979 AFCL 67-0156	AF-19/628/05067 AFCL 67-0214	AF-19/628/05195 AFCL 67-0319
	AF-19/628/04324 AFCL 67-0609 AFCL 68-0262	AF-19/628/04398 AFCL 68-0309	AF-19/628/04980 AFCL 67-0345		AF-19/628/05202 AFCL 67-0211 AFCL 67-0572 AFCL 68-0105 AFCL 68-0278 AFCL 68-0505
		AF-19/628/04399 AFCL 67-0166			AF-19/628/05207 AFCL 67-0047

AF-19/628/05210 AFCL 67-0194	AF-19/628/05676 AFCL 67-0108	AF-19/628/05749 AFCL 67-0081	AF-19/628/05875 AFCL 67-0484	AF-19/628/05922 AFCL 68-0243	AF-19/628/06047 AFCL 67-0515 AFCL 68-0368
AF-19/628/05218 AFCL 67-0522	AF-19/628/05677 AFCL 67-0081 AFCL 67-0052 AFCL 68-0021 AFCL 68-0112 AFCL 68-0444	AF-19/628/05750 AFCL 67-0382 AFCL 67-0408 AFCL 68-0631	AF-19/628/05876 AFCL 67-0253 AFCL 67-0254 AFCL 67-0255 AFCL 67-0256 AFCL 67-0660 AFCL 67-0661 AFCL 67-0662 AFCL 67-0663 AFCL 67-0664 AFCL 67-0681	AF-19/628/05923 AFCL 67-0230 AFCL 68-0331 AFCL 68-0339 AFCL 68-0620	AF-19/628/06048 AFCL 67-0529
AF-19/628/05516 AFCL 67-0034 AFCL 67-0229		AF-19/628/05804 AFCL 67-0107		AF-19/628/05926 AFCL 67-0307	AF-19/628/06049 AFCL 68-0416
AF-19/628/05517 AFCL 67-0042 AFCL 68-0003	AF-19/628/05701 AFCL 67-0044 AFCL 67-0151 AFCL 67-0169 AFCL 67-0500 AFCL 67-0616 AFCL 67-0628 AFCL 68-0158 AFCL 68-0163 AFCL 68-0164 AFCL 68-0195 AFCL 68-0208 AFCL 68-0386	AF-19/628/05805 AFCL 67-0414	AF-19/628/05878 AFCL 67-0162		AF-19/628/06050 AFCL 67-0676
AF-19/628/05518 AFCL 67-0190		AF-19/628/05806 AFCL 67-0219	AF-19/628/05879 AFCL 67-0326 AFCL 67-0383 AFCL 68-0043 AFCL 68-0317 AFCL 68-0328 AFCL 68-0333	AF-19/628/05931 AFCL 68-0439	AF-19/628/06051 AFCL 67-0233
AF-19/628/05519 AFCL 67-0348 AFCL 67-0349		AF-19/628/05810 AFCL 67-0194		AF-19/628/05943 AFCL 67-0613	AF-19/628/06052 AFCL 67-0499
AF-19/628/05524 AFCL 67-0316 AFCL 68-0032	AF-19/628/05706 AFCL 68-0521	AF-19/628/05813 AFCL 67-0306		AF-19/628/05946 AFCL 67-0296 AFCL 67-0530	AF-19/628/06055 AFCL 67-0465 AFCL 68-0046
AF-19/628/05525 AFCL 67-0331 AFCL 68-0560	AF-19/628/05709 AFCL 67-0231	AF-19/628/05814 AFCL 68-0149	AF-19/628/05882 AFCL 67-0088 AFCL 67-0230 AFCL 67-0552 AFCL 68-0119	AF-19/628/05949 AFCL 67-0467	AF-19/628/06056 AFCL 68-0561
AF-19/628/05529 AFCL 67-0608	AF-19/628/05711 AFCL 68-0025 AFCL 68-0498	AF-19/628/05817 AFCL 68-0268	AF-19/628/05884 AFCL 67-0548	AF-19/628/05963 AFCL 68-0199	AF-19/628/06057 AFCL 67-0447 AFCL 68-0569
AF-19/628/05537 AFCL 67-0067 AFCL 67-0130 AFCL 67-0333 AFCL 67-0472 AFCL 67-0562 AFCL 68-0111 AFCL 68-0117	AF-19/628/05716 AFCL 67-0313 AFCL 68-0255	AF-19/628/05825 AFCL 67-0193	AF-19/628/05886 AFCL 67-0224 AFCL 68-0223	AF-19/628/05964 AFCL 68-0300	AF-19/628/06065 AFCL 67-0198 AFCL 67-0335 AFCL 67-0444
AF-19/628/05545 AFCL 67-0025 AFCL 67-0164 AFCL 67-0312 AFCL 67-0658	AF-19/628/05718 AFCL 68-0573 AFCL 68-0574 AFCL 68-0576 AFCL 68-0577 AFCL 68-0578 AFCL 68-0579 AFCL 68-0601 AFCL 68-0616	AF-19/628/05828 AFCL 67-0463 AFCL 68-0008 AFCL 68-0113	AF-19/628/05889 AFCL 67-0197	AF-19/628/05975 AFCL 67-0462	AF-19/628/06080 AFCL 68-0047
AF-19/628/05549 AFCL 68-0160 AFCL 68-0492	AF-19/628/05720 AFCL 68-0121 AFCL 68-0157 AFCL 68-0500	AF-19/628/05830 AFCL 67-0525	AF-19/628/05893 AFCL 67-0200	AF-19/628/05976 AFCL 67-0013	AF-19/628/06126 AFCL 68-0415
AF-19/628/05550 AFCL 67-0234	AF-19/628/05721 AFCL 67-0593	AF-19/628/05831 AFCL 68-0376	AF-19/628/05903 AFCL 67-0654 AFCL 68-0148	AF-19/628/05977 AFCL 68-0358	AF-19/628/06128 AFCL 68-0382
AF-19/628/05551 AFCL 67-0104	AF-19/628/05729 AFCL 68-0137	AF-19/628/05833 AFCL 67-0041 AFCL 67-0119 AFCL 67-0297 AFCL 67-0323 AFCL 68-0064 AFCL 68-0169 AFCL 68-0218 AFCL 68-0355 AFCL 68-0558	AF-19/628/05905 AFCL 67-0332 AFCL 68-0254	AF-19/628/05979 AFCL 67-0350	AF-19/628/06130 AFCL 68-0257
AF-19/628/05553 AFCL 67-0395	AF-19/628/05732 AFCL 67-0429 AFCL 67-0490 AFCL 68-0545 AFCL 68-0562 AFCL 68-0583	AF-19/628/05834 AFCL 68-0206	AF-19/628/05910 AFCL 67-0102	AF-19/628/05980 AFCL 67-0227 AFCL 67-0301 AFCL 67-0595 AFCL 67-0596	AF-19/628/06131 AFCL 68-0142
AF-19/628/05557 AFCL 67-0153	AF-19/628/05743 AFCL 67-0235 AFCL 68-0279	AF-19/628/05837 AFCL 68-0062	AF-19/628/05914 AFCL 67-0133	AF-19/628/05982 AFCL 67-0157	AF-19/628/06133 AFCL 67-0631
AF-19/628/05561 AFCL 68-0264	AF-19/628/05744 AFCL 67-0340 AFCL 67-0341 AFCL 68-0397 AFCL 68-0476 AFCL 68-0477	AF-19/628/05840 AFCL 67-0149	AF-19/628/05915 AFCL 68-0336	AF-19/628/05983 AFCL 67-0457	AF-19/628/06140 AFCL 67-0597
AF-19/628/05562 AFCL 68-0428	AF-19/628/05745 AFCL 67-0290 AFCL 68-0109	AF-19/628/05846 AFCL 67-0009 AFCL 68-0287 AFCL 68-0346	AF-19/628/05916 AFCL 67-0406	AF-19/628/05986 AFCL 67-0365 AFCL 68-0478	AF-19/628/06145 AFCL 67-0226 AFCL 67-0385 AFCL 67-0558
AF-19/628/05564 AFCL 68-0063		AF-19/628/05848 AFCL 67-0317	AF-19/628/05918 AFCL 67-0483	AF-19/628/05990 AFCL 67-0502 AFCL 67-0592	AF-19/628/06149 AFCL 67-0008 AFCL 67-0239 AFCL 68-0225
AF-19/628/05568 AFCL 67-0310 AFCL 67-0402 AFCL 67-0489 AFCL 67-0650		AF-19/628/05851 AFCL 68-0622	AF-19/628/05919 AFCL 67-0370 AFCL 68-0268	AF-19/628/06005 AFCL 67-0607	AF-19/628/06151 AFCL 67-0411 AFCL 67-0417 AFCL 68-0102
AF-19/628/05571 AFCL 68-0108	AF-19/628/05747 AFCL 67-0062 AFCL 67-0381 AFCL 68-0045 AFCL 68-0321	AF-19/628/05848 AFCL 67-0317	AF-19/628/05920 AFCL 68-0002	AF-19/628/06006 AFCL 67-0315	AF-19/628/06155 AFCL 67-0010 AFCL 67-0011 AFCL 67-0012
AF-19/628/05572 AFCL 67-0004		AF-19/628/05873 AFCL 67-0583	AF-19/628/05921 AFCL 68-0132	AF-19/628/06007 AFCL 67-0558	AF-19/628/06158 AFCL 67-0338 AFCL 67-0339 AFCL 67-0328

AF-33/602/03051 RADOC 67-0070 RADOC 67-0365	AF-33/615/01804 ARL 67-0012U	ARL 68-0348W ARL 68-0349W	AF-33/615/02711 ARL 68-0049U	AF-33/615/03378 AFML 67-0018	AF-33/615/03989 ARL 67-0181U
AF-33/615/01024 ARL 67-0058U	AF-33/615/01583 ARL 67-0083U	AF-33/615/0223R ARL 68-0270W	AF-33/615/02761 ARL 68-0132U	AF-33/615/03397 AFML 67-0139	AF-33/615/05111 AFML 67-0289
AF-33/615/01035 ARL 67-0211U	AF-33/615/01594 ARL 67-0272U ARL 67-1186J ARL 67-1187D ARL 68-0237W ARL 68-1149J ARL 68-1377B	AF-33/615/02270 ARL 67-0123U ARL 67-0246W ARL 68-0181U ARL 68-0197U ARL 68-1408B	AF-33/615/02764 ARL 67-0200W ARL 67-1181W ARL 68-0105W ARL 68-0106W	AF-33/615/03407 ARL 67-0013U ARL 67-0141U	AF-33/615/05116 ARL 68-0196U ARL 68-1139B
AF-33/615/01063 ARL 68-0671U ARL 68-0072U ARL 68-0131U	AF-33/615/01652 ARL 68-0203U	AF-33/615/02277 ARL 67-0173V ARL 67-0277U ARL 67-0280U ARL 67-1068N ARL 67-1183N ARL 67-1185N ARL 67-1187N ARL 67-1188N ARL 67-1294W ARL 67-1295W ARL 67-1296W ARL 67-1297W ARL 67-1298W ARL 67-1299W ARL 67-1300W ARL 67-1306W ARL 67-1307N ARL 67-1308N ARL 67-1309N ARL 67-1310W ARL 67-1311W ARL 67-1312W ARL 67-1313W ARL 67-1314W ARL 68-1056W ARL 68-1057W ARL 68-1058W ARL 68-1059W ARL 68-1060W ARL 68-1061W ARL 68-1062W ARL 68-1063W ARL 68-1064W ARL 68-1065W ARL 68-1066W ARL 68-1067W ARL 68-1068W ARL 68-1069W ARL 68-1070W ARL 68-1071W ARL 68-1072W ARL 68-1073W ARL 68-1074W ARL 68-1075W ARL 68-1076W ARL 68-1077W ARL 68-1078W ARL 68-1079W ARL 68-1080W ARL 68-1081W ARL 68-1082W ARL 68-1083W ARL 68-1084W ARL 68-1085W ARL 68-1086W ARL 68-1087W ARL 68-1088W ARL 68-1089W ARL 68-1090W ARL 68-1091W ARL 68-1092W ARL 68-1093W ARL 68-1094W ARL 68-1095W ARL 68-1096W ARL 68-1097W ARL 68-1098W ARL 68-1099W ARL 68-1100W ARL 68-1101W ARL 68-1102W ARL 68-1103W ARL 68-1104W ARL 68-1105W ARL 68-1106W ARL 68-1107W ARL 68-1108W ARL 68-1109W ARL 68-1110W ARL 68-1111W ARL 68-1112W ARL 68-1113W ARL 68-1114W ARL 68-1115W ARL 68-1116W ARL 68-1117W ARL 68-1118W ARL 68-1119W ARL 68-1120W ARL 68-1121W ARL 68-1122W ARL 68-1123W ARL 68-1124W ARL 68-1125W ARL 68-1126W ARL 68-1127W ARL 68-1128W ARL 68-1129W ARL 68-1130W ARL 68-1131W ARL 68-1132W ARL 68-1133W ARL 68-1134W ARL 68-1135W ARL 68-1136W ARL 68-1137W ARL 68-1138W ARL 68-1139W ARL 68-1140W ARL 68-1141W ARL 68-1142W ARL 68-1143W ARL 68-1144W ARL 68-1145W ARL 68-1146W ARL 68-1147W ARL 68-1148W ARL 68-1149W ARL 68-1150W ARL 68-1151W ARL 68-1152W ARL 68-1153W ARL 68-1154W ARL 68-1155W ARL 68-1156W ARL 68-1157W ARL 68-1158W ARL 68-1159W ARL 68-1160W ARL 68-1161W ARL 68-1162W ARL 68-1163W ARL 68-1164W ARL 68-1165W ARL 68-1166W ARL 68-1167W ARL 68-1168W ARL 68-1169W ARL 68-1170W ARL 68-1171W ARL 68-1172W ARL 68-1173W ARL 68-1174W ARL 68-1175W ARL 68-1176W ARL 68-1177W ARL 68-1178W ARL 68-1179W ARL 68-1180W ARL 68-1181W ARL 68-1182W ARL 68-1183W ARL 68-1184W ARL 68-1185W ARL 68-1186W ARL 68-1187W ARL 68-1188W ARL 68-1189W ARL 68-1190W ARL 68-1191W ARL 68-1192W ARL 68-1193W ARL 68-1194W ARL 68-1195W ARL 68-1196W ARL 68-1197W ARL 68-1198W ARL 68-1199W ARL 68-1200W	AF-33/615/02765 ARL 67-0010U ARL 68-0281U ARL 68-1144W	AF-33/615/03413 ARL 67-1235U ARL 68-0285W ARL 68-1028U ARL 68-1021B ARL 68-1128B	AF-33/615/05149 ARL 67-0080U
AF-33/615/01079 ARL 67-0009U	AF-33/615/01717 AFML 67-0035	AF-33/615/02790 ARL 67-0281U ARL 68-0115W ARL 68-0205W ARL 68-1077W	AF-33/615/02766 ARL 67-0017U ARL 67-0018U ARL 67-0019U ARL 67-0220U ARL 67-0274U	AF-33/615/03434 AFML 67-0072	AF-33/615/05224 ARL 67-0190U ARL 67-1319B ARL 68-1417B
AF-33/615/01080 ARL 68-0124W	AF-33/615/01733 AFML 67-0111	AF-33/615/02791 ARL 67-0008U	AF-33/615/02790 ARL 67-0281U ARL 68-0115W ARL 68-0205W ARL 68-1077W	AF-33/615/03441 ARL 68-0210U	AF-33/615/05224 ARL 67-0190U ARL 67-1319B ARL 68-1417B
AF-33/615/01093 ARL 67-0140U ARL 67-0205U ARL 67-1191P ARL 68-0193U ARL 68-1488B	AF-33/615/01717 ARL 67-1184N ARL 68-0179U	AF-33/615/02790 ARL 67-0281U ARL 68-0115W ARL 68-0205W ARL 68-1077W	AF-33/615/02790 ARL 67-0281U ARL 68-0115W ARL 68-0205W ARL 68-1077W	AF-33/615/03450 AFML 67-0054	AF-33/615/05246 ARL 67-0264W ARL 68-0033U ARL 68-0135U ARL 68-0167W ARL 68-1444W ARL 68-1448W
AF-33/615/01105 ARL 67-0075W ARL 67-0038W	AF-33/615/01740 ARL 67-0006U	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03498 ARL 67-0043U	AF-33/615/05269 ARL 67-0236U ARL 68-1191B
AF-33/615/01160 ARL 67-0016U ARL 67-0157U ARL 67-0212U	AF-33/615/01746 ARL 67-0238W ARL 67-0289W ARL 67-1282W ARL 67-1283W ARL 67-13213 ARL 67-1322B	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03534 ARL 68-0173U	AF-33/615/05274 ARL 67-0139W ARL 67-0209W ARL 67-1090W
AF-33/615/01176 ARL 67-0004U ARL 68-0066U ARL 68-0140W ARL 68-0212U	AF-33/615/01797 ARL 67-0205W ARL 68-0109U ARL 68-1194B	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03594 ARL 67-1151W ARL 67-1152W	AF-33/615/05274 ARL 67-0139W ARL 67-0209W ARL 67-1090W
AF-33/615/01201 AFML 67-0091	AF-33/615/01807 ARL 67-0221U	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03623 ARL 68-1085W	AF-33/615/05313 ARL 68-0018U ARL 68-0205U
AF-33/615/01205 ARL 67-0112U ARL 67-0268W	AF-33/615/01891 AFML 67-0121	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03773 ARL 67-0102 ARL 67-0103	AF-33/615/05331 ARL 67-1080U ARL 68-0144W ARL 68-0325W ARL 68-1123W
AF-33/615/01244 ARL 67-0249W ARL 67-0250W ARL 67-1140J ARL 67-1141J ARL 67-1143J ARL 67-1144J ARL 67-1145J ARL 67-1146J ARL 67-1147J ARL 67-1148J ARL 67-1149J ARL 67-1150J ARL 68-0065U ARL 68-1142W ARL 68-1146J ARL 68-1147J ARL 68-1148J ARL 68-1150W ARL 68-1454R ARL 68-1476W	AF-33/615/01910 ARL 67-0103U ARL 67-0150U ARL 67-0159U ARL 68-0136U ARL 68-1447W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03796 AFML 67-0095	AF-33/615/05363 ARL 67-1334W ARL 68-0152U
AF-33/615/01257 ARL 67-0042U ARL 67-1339R	AF-33/615/01915 ARL 67-0087U ARL 67-1186W ARL 68-0055W ARL 68-0089W ARL 68-1023W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03799 AFML 67-0290	AF-33/615/05389 ARL 67-1199P ARL 67-1216B ARL 67-1231W ARL 67-1232W ARL 68-0031U
AF-33/615/01263 ARL 67-0195W ARL 67-0240W	AF-33/615/02165 AFML 67-0003	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03844 AFML 67-0239	AF-33/615/05427 ARL 68-0190B ARL 68-0297W
AF-33/615/01274 AFML 67-0185	AF-33/615/02196 ARL 67-0020U ARL 67-0102U	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03878 AFML 67-0221	AF-33/615/05446 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
AF-33/615/01326 ARL 67-0217U ARL 67-0276U	AF-33/615/02215 ARL 67-0050U ARL 67-0052U ARL 67-0094U ARL 67-0104W ARL 67-0131W ARL 67-0187U ARL 67-0266W ARL 67-0274U ARL 68-0002U ARL 68-0029U ARL 68-0035W ARL 68-0043W ARL 68-0181U	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03927 ARL 67-1301W ARL 67-1302W ARL 67-1303W	AF-33/615/05466 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
AF-33/615/01470 ARL 67-0243U ARL 67-1230J ARL 68-0286W	AF-33/615/02218 ARL 68-0101U	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03934 AFML 67-0134	AF-33/615/05466 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
	AF-33/615/02220 ARL 68-0286W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03968 ARL 67-1206L ARL 68-0061U ARL 68-0062U ARL 68-1025R ARL 68-1026W ARL 68-1027W ARL 68-1028W ARL 68-1029W ARL 68-1030B ARL 68-1031W ARL 68-1032W ARL 68-1033W ARL 68-1034W ARL 68-1035W ARL 68-1036W ARL 68-1037W ARL 68-1038W ARL 68-1039W	AF-33/615/05466 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
	AF-33/615/02221 ARL 68-0286W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03968 ARL 67-1206L ARL 68-0061U ARL 68-0062U ARL 68-1025R ARL 68-1026W ARL 68-1027W ARL 68-1028W ARL 68-1029W ARL 68-1030B ARL 68-1031W ARL 68-1032W ARL 68-1033W ARL 68-1034W ARL 68-1035W ARL 68-1036W ARL 68-1037W ARL 68-1038W ARL 68-1039W	AF-33/615/05466 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
	AF-33/615/02222 ARL 68-0286W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03968 ARL 67-1206L ARL 68-0061U ARL 68-0062U ARL 68-1025R ARL 68-1026W ARL 68-1027W ARL 68-1028W ARL 68-1029W ARL 68-1030B ARL 68-1031W ARL 68-1032W ARL 68-1033W ARL 68-1034W ARL 68-1035W ARL 68-1036W ARL 68-1037W ARL 68-1038W ARL 68-1039W	AF-33/615/05466 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
	AF-33/615/02223 ARL 68-0286W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03968 ARL 67-1206L ARL 68-0061U ARL 68-0062U ARL 68-1025R ARL 68-1026W ARL 68-1027W ARL 68-1028W ARL 68-1029W ARL 68-1030B ARL 68-1031W ARL 68-1032W ARL 68-1033W ARL 68-1034W ARL 68-1035W ARL 68-1036W ARL 68-1037W ARL 68-1038W ARL 68-1039W	AF-33/615/05466 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
	AF-33/615/02224 ARL 68-0286W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03968 ARL 67-1206L ARL 68-0061U ARL 68-0062U ARL 68-1025R ARL 68-1026W ARL 68-1027W ARL 68-1028W ARL 68-1029W ARL 68-1030B ARL 68-1031W ARL 68-1032W ARL 68-1033W ARL 68-1034W ARL 68-1035W ARL 68-1036W ARL 68-1037W ARL 68-1038W ARL 68-1039W	AF-33/615/05466 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
	AF-33/615/02225 ARL 68-0286W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03968 ARL 67-1206L ARL 68-0061U ARL 68-0062U ARL 68-1025R ARL 68-1026W ARL 68-1027W ARL 68-1028W ARL 68-1029W ARL 68-1030B ARL 68-1031W ARL 68-1032W ARL 68-1033W ARL 68-1034W ARL 68-1035W ARL 68-1036W ARL 68-1037W ARL 68-1038W ARL 68-1039W	AF-33/615/05466 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
	AF-33/615/02226 ARL 68-0286W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03968 ARL 67-1206L ARL 68-0061U ARL 68-0062U ARL 68-1025R ARL 68-1026W ARL 68-1027W ARL 68-1028W ARL 68-1029W ARL 68-1030B ARL 68-1031W ARL 68-1032W ARL 68-1033W ARL 68-1034W ARL 68-1035W ARL 68-1036W ARL 68-1037W ARL 68-1038W ARL 68-1039W	AF-33/615/05466 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
	AF-33/615/02227 ARL 68-0286W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03968 ARL 67-1206L ARL 68-0061U ARL 68-0062U ARL 68-1025R ARL 68-1026W ARL 68-1027W ARL 68-1028W ARL 68-1029W ARL 68-1030B ARL 68-1031W ARL 68-1032W ARL 68-1033W ARL 68-1034W ARL 68-1035W ARL 68-1036W ARL 68-1037W ARL 68-1038W ARL 68-1039W	AF-33/615/05466 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
	AF-33/615/02228 ARL 68-0286W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03968 ARL 67-1206L ARL 68-0061U ARL 68-0062U ARL 68-1025R ARL 68-1026W ARL 68-1027W ARL 68-1028W ARL 68-1029W ARL 68-1030B ARL 68-1031W ARL 68-1032W ARL 68-1033W ARL 68-1034W ARL 68-1035W ARL 68-1036W ARL 68-1037W ARL 68-1038W ARL 68-1039W	AF-33/615/05466 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
	AF-33/615/02229 ARL 68-0286W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03968 ARL 67-1206L ARL 68-0061U ARL 68-0062U ARL 68-1025R ARL 68-1026W ARL 68-1027W ARL 68-1028W ARL 68-1029W ARL 68-1030B ARL 68-1031W ARL 68-1032W ARL 68-1033W ARL 68-1034W ARL 68-1035W ARL 68-1036W ARL 68-1037W ARL 68-1038W ARL 68-1039W	AF-33/615/05466 ARL 67-1074B ARL 68-0154U ARL 68-1195B ARL 68-1378B
	AF-33/615/02230 ARL 68-0286W	AF-33/615/02791 ARL 67-0008U	AF-33/615/02791 ARL 67-0008U	AF-33/615/03968 ARL 67-1206L ARL 68-0061U ARL 68-0062U ARL 68-1025R ARL 68-1026W ARL 68-1027W ARL 68-1028W ARL 68-1029W ARL 68-1030B ARL 68-1031W ARL 68-1032W ARL 68-1033W ARL 68-1034W ARL 68-1035W ARL	

ARL 68-0142U 68-0143U ARL 68-0146W	AF-49/638/00440 AFOSR 67-1684	AFOSR 67-0801 AFOSR 67-0804 AFOSR 67-1114 AFOSR 67-1130 AFOSR 67-1170 AFOSR 67-1477 AFOSR 67-1730 AFOSR 67-1977 AFOSR 67-2201 AFOSR 67-2279 AFOSR 67-2662 AFOSR 68-1044 AFOSR 68-1048 AFOSR 68-1051 AFOSR 68-1052 AFOSR 68-1053 AFOSR 68-1054 AFOSR 68-1055 AFOSR 68-1087 AFOSR 68-1046 AFOSR 68-1089 AFOSR 68-1120 AFOSR 68-1121 AFOSR 68-1124 AFOSR 68-1125 AFOSR 68-1126 AFOSR 68-1127	AF-49/638/01234 AFOSR 67-016A AFOSR 67-0169 AFOSR 67-0486 AFOSR 67-1755	AFOSR 68-2131	AF-49/638/01298 AFOSR 67-0306	
AF-33/657/08368 ARL 67-0287W ARL 67-0288W	AF-49/638/00606 AFOSR 67-2601 AFOSR 67-2643 AFOSR 67-2644			AF-49/638/01263 AFOSR 67-0149 AFOSR 68-0618	AF-49/638/01298 AFOSR 67-244R AFOSR 68-1337 AFOSR 68-1567 AFOSR 68-1969 AFOSR 68-2429	
AF-33/657/08859 ARL 67-0210U	AF-49/638/00722 AFOSR 67-1020		AF-49/638/01235 AFOSR 67-1790 AFOSR 67-1801 AFOSR 67-1802 AFOSR 67-1803 AFOSR 67-1804 AFOSR 67-1805 AFOSR 67-1806 AFOSR 67-1807 AFOSR 67-1808 AFOSR 67-1809 AFOSR 67-1810 AFOSR 67-1811 AFOSR 67-1812 AFOSR 67-1813 AFOSR 67-1814 AFOSR 67-1815 AFOSR 67-1816 AFOSR 67-1817 AFOSR 67-1820 AFOSR 67-1822 AFOSR 67-1823 AFOSR 67-1824 AFOSR 67-1825 AFOSR 67-1827 AFOSR 67-1828 AFOSR 67-1829 AFOSR 67-1830 AFOSR 67-1831 AFOSR 67-1837 AFOSR 67-1874 AFOSR 67-2221 AFOSR 67-2232 AFOSR 67-2233 AFOSR 67-2234 AFOSR 67-2235 AFOSR 68-1801	AF-49/638/01264 AFOSR 67-0246 AFOSR 67-0614 AFOSR 68-0348 AFOSR 68-0659 AFOSR 68-2012	AF-49/638/01301 AFOSR 67-0752 AFOSR 68-1541	
AF-33/657/08860 ARL 67-0069U ARL 67-0133U ARL 67-0134U ARL 67-0203R ARL 67-1229J	AF-49/638/00730 AFOSR 67-1402			AF-49/638/01267 AFOSR 67-1534 AFOSR 68-1801		
AF-33/657/08951 ARL 67-0113U	AF-49/638/00783 AFOSR 67-0276 AFOSR 67-0276 AFOSR 67-0277			AF-49/638/01271 ARL 67-0076W		
AF-33/657/09462 ARL 67-0744W ARL 67-1236B	AF-49/638/00787 AFOSR 67-0349 AFOSR 67-2760					
	AF-49/638/00798 AFOSR 68-1700	AF-49/638/01166 AFOSR 67-1139		AF-49/638/01273 AFOSR 67-1181 AFOSR 67-1182 AFOSR 67-1261 AFOSR 67-1598 AFOSR 67-2512 AFOSR 67-2576 AFOSR 67-2677 AFOSR 67-2788 AFOSR 67-2772 AFOSR 68-1585 AFOSR 68-1562 AFOSR 68-1694 AFOSR 68-2107	AF-49/638/01303 AFOSR 67-1346	
AF-33/657/10815 ARL 67-0115U ARL 67-0147U ARL 67-0189W ARL 67-0189W ARL 67-0189W ARL 68-0008W ARL 68-0188U ARL 68-0187U ARL 68-0188U	AF-49/638/00968 AFOSR 67-1634	AF-49/638/01169 AFOSR 67-1999			AF-49/638/01304 AFOSR 67-1631 AFOSR 67-2335	
	AF-49/638/01009 AFOSR 68-1974	AF-49/638/01170 AFOSR 68-1943				
AF-33/657/10846 ARL 67-0114U	AF-49/638/0101R AFOSR 67-1107	AF-49/638/01175 AFOSR 67-0384 AFOSR 67-1521 AFOSR 67-1696 AFOSR 67-1967 AFOSR 67-1991 AFOSR 67-2445 AFOSR 68-1207 AFOSR 68-1209			AF-49/638/01306 AFOSR 67-0658 AFOSR 67-2447	
AF-33/657/11060 ARL 67-1197W ARL 67-1198W ARL 67-1214B ARL 67-1227J ARL 67-1228J ARL 67-1233N ARL 68-0004U ARL 68-0005U ARL 68-0290W	AF-49/638/01026 AFOSR 67-1083		AF-49/638/01237 AFOSR 67-0963 AFOSR 67-0964 AFOSR 67-0965 AFOSR 67-0966 AFOSR 67-0967 AFOSR 67-0968 AFOSR 67-0969 AFOSR 67-0970 AFOSR 67-0971 AFOSR 67-0972 AFOSR 67-0973 AFOSR 67-0974 AFOSR 67-0975 AFOSR 67-0976 AFOSR 67-0977 AFOSR 67-0978 AFOSR 67-0979 AFOSR 67-0980 AFOSR 67-0981 AFOSR 67-0982 AFOSR 67-0983 AFOSR 67-0984 AFOSR 67-0985 AFOSR 67-0986 AFOSR 67-0987 AFOSR 67-0988 AFOSR 67-0989 AFOSR 67-0990 AFOSR 67-0991 AFOSR 67-0992 AFOSR 67-0993 AFOSR 67-0994 AFOSR 67-0995 AFOSR 67-0996 AFOSR 67-0997 AFOSR 67-0998 AFOSR 67-0999 AFOSR 68-0000 AFOSR 68-0001 AFOSR 68-0002 AFOSR 68-0003 AFOSR 68-0004 AFOSR 68-0005 AFOSR 68-0006 AFOSR 68-0007 AFOSR 68-0008 AFOSR 68-0009 AFOSR 68-0010 AFOSR 68-0011 AFOSR 68-0012 AFOSR 68-0013 AFOSR 68-0014 AFOSR 68-0015 AFOSR 68-0016 AFOSR 68-0017 AFOSR 68-0018 AFOSR 68-0019 AFOSR 68-0020 AFOSR 68-0021 AFOSR 68-0022 AFOSR 68-0023 AFOSR 68-0024 AFOSR 68-0025 AFOSR 68-0026 AFOSR 68-0027 AFOSR 68-0028 AFOSR 68-0029 AFOSR 68-0030 AFOSR 68-0031 AFOSR 68-0032 AFOSR 68-0033 AFOSR 68-0034 AFOSR 68-0035 AFOSR 68-0036 AFOSR 68-0037 AFOSR 68-0038 AFOSR 68-0039 AFOSR 68-0040 AFOSR 68-0041 AFOSR 68-0042 AFOSR 68-0043 AFOSR 68-0044 AFOSR 68-0045 AFOSR 68-0046 AFOSR 68-0047 AFOSR 68-0048 AFOSR 68-0049 AFOSR 68-0050 AFOSR 68-0051 AFOSR 68-0052 AFOSR 68-0053 AFOSR 68-0054 AFOSR 68-0055 AFOSR 68-0056 AFOSR 68-0057 AFOSR 68-0058 AFOSR 68-0059 AFOSR 68-0060 AFOSR 68-0061 AFOSR 68-0062 AFOSR 68-0063 AFOSR 68-0064 AFOSR 68-0065 AFOSR 68-0066 AFOSR 68-0067 AFOSR 68-0068 AFOSR 68-0069 AFOSR 68-0070 AFOSR 68-0071 AFOSR 68-0072 AFOSR 68-0073 AFOSR 68-0074 AFOSR 68-0075 AFOSR 68-0076 AFOSR 68-0077 AFOSR 68-0078 AFOSR 68-0079 AFOSR 68-0080 AFOSR 68-0081 AFOSR 68-0082 AFOSR 68-0083 AFOSR 68-0084 AFOSR 68-0085 AFOSR 68-0086 AFOSR 68-0087 AFOSR 68-0088 AFOSR 68-0089 AFOSR 68-0090 AFOSR 68-0091 AFOSR 68-0092 AFOSR 68-0093 AFOSR 68-0094 AFOSR 68-0095 AFOSR 68-0096 AFOSR 68-0097 AFOSR 68-0098 AFOSR 68-0099		AF-49/638/01274 AFOSR 67-1576 AFOSR 67-2291 AFOSR 68-0649 AFOSR 68-1584	AF-49/638/01309 AFOSR 67-0005 AFOSR 67-1986
	AF-49/638/01067 AFOSR 67-1007				AF-49/638/01314 AFOSR 68-0242	
	AF-49/638/01102 AFOSR 67-0900 AFOSR 67-0905 AFOSR 68-0359	AF-49/638/01181 AFOSR 67-2173		AF-49/638/01276 AFOSR 67-1981 AFOSR 67-2787 AFOSR 68-0471	AF-49/638/01316 AFOSR 67-0830 AFOSR 67-0840	
AF-33/657/11310 ARL 67-0007U ARL 67-0253W ARL 67-0255W ARL 67-0256W ARL 67-0257W ARL 67-0258W ARL 67-0259W ARL 67-0260W ARL 67-0261W ARL 67-1304R ARL 67-1305W	AF-49/638/01104 AFOSR 67-1007	AF-49/638/01184 AFOSR 68-0649 AFOSR 68-0933 AF-49/638/01192 AFOSR 68-2210 AFOSR 68-2223		AF-49/638/01278 AFOSR 67-2063 AFOSR 68-0093 AFOSR 68-0383 AFOSR 68-0648 AFOSR 68-1568	AF-49/638/01320 AFOSR 67-0010 AFOSR 68-1117 AFOSR 68-1750 AFOSR 68-1808 AFOSR 68-1809 AFOSR 68-1824 AFOSR 68-1842 AFOSR 68-1845 AFOSR 68-1890 AFOSR 68-2414 AFOSR 68-2652	
AF-49/638/00049 AFOSR 67-1165	AF-49/638/01115 AFOSR 67-0314 AFOSR 67-0316	AF-49/638/01201 AFOSR 67-0508 AFOSR 67-2699 AFOSR 67-2761 AFOSR 68-0332 AFOSR 68-0553 AFOSR 68-2887		AF-49/638/01280 AFOSR 68-0070 AFOSR 68-1309 AFOSR 68-1695		
AF-49/638/00102 AFOSR 68-	AF-49/638/01121 AFOSR 67-1519	AF-49/638/01207 AFOSR 67-1340 AFOSR 67-1377	AF-49/638/01250 AFOSR 67-0797 AFOSR 67-0986 AFOSR 67-1203 AFOSR 68-0680 AFOSR 68-1512 AFOSR 68-1956	AF-49/638/01282 AFOSR 67-1234 AFOSR 67-1725 AFOSR 67-2213 AFOSR 67-2749 AFOSR 68-0316	AF-49/638/01322 AFOSR 68-0671 AFOSR 68-0673	
AF-49/638/00173 AFOSR 68-1355 AFOSR 68-1356	AF-49/638/01133 AFOSR 68-2060 AFOSR 68-2101 AFOSR 68-2463	AF-49/638/01210 AFOSR 68-0320 AFOSR 68-0546	AF-49/638/01251 AFOSR 67-0977 AFOSR 67-0979 AFOSR 68-0223	AF-49/638/01285 AFOSR 68-0743	AF-49/638/01323 AFOSR 67-0034 AFOSR 67-0386 AFOSR 67-0623 AFOSR 67-0624 AFOSR 67-0625 AFOSR 67-0643 AFOSR 67-1913 AFOSR 67-1955 AFOSR 67-1996 AFOSR 67-1121 AFOSR 67-1174 AFOSR 67-1184 AFOSR 67-1332 AFOSR 67-2024 AFOSR 67-2107 AFOSR 67-2198 AFOSR 67-2200 AFOSR 67-2670 AFOSR 67-2673 AFOSR 68-0096 AFOSR 68-0124 AFOSR 68-0960 AFOSR 68-0994	
AF-49/638/00284 AFOSR 68-0391	AF-49/638/01135 AFOSR 67-0641	AF-49/638/01214 AFOSR 68-0503 AFOSR 68-1882	AF-49/638/01253 AFOSR 67-1484	AF-49/638/01288 AFOSR 68-0108 AFOSR 68-2105		
AF-49/638/00302 AFOSR 68-0476	AF-49/638/0113R AFOSR 67-046R	AF-49/638/01224 AFOSR 67-0469	AF-49/638/01254 AFOSR 67-1263 AFOSR 67-181R AFOSR 67-2079	AF-49/638/01290 AFOSR 67-1011 AFOSR 67-1982 AFOSR 67-2254 AFOSR 67-2368		
AF-49/638/00402 AFOSR 67-0893 AFOSR 67-1141	AF-49/638/01150 AFOSR 68-1444	AF-49/638/01230 AFOSR 68-2483	AF-49/638/01256 AFOSR 68-1926			
AF-49/638/00447 AFOSR 67-1696	AF-49/638/01156 AFOSR 67-0167 AFOSR 67-0169 AFOSR 67-0211 AFOSR 67-0800	AF-49/638/01232 AFOSR 67-1113	AF-49/638/01260 AFOSR 67-0285 AFOSR 67-1479 AFOSR 68-1049	AF-49/638/01291 AFOSR 67-1571 AFOSR 68-1411		

AFOSH 66-1156	AF-49/638/01346	AF-49/638/01374	AFUSH 66-2646	AFUSH 66-1993	AF-49/638/01432
AFOSH 66-1998	AFOSH 67-0887	AFUSH 67-0888	AFUSH 66-2713	AFOSH 66-2244	AFOSH 67-2038
AFOSH 66-2247	AFOSH 67-0888	AFOSH 66-0835	AFOSH 66-2744		AFUSH 66-2774
	AFOSH 67-0705	AFOSH 66-0836			AFOSH 66-2780
AF-49/638/01384	AFOSH 67-0899			AF-49/638/01402	
AFOSH 67-1280	AFOSH 67-1216	AF-49/638/01375	AF-49/638/01388	AFOSH 67-0146	
AFOSH 67-1935	AFOSH 67-1258	AFOSH 67-1710	AFOSH 67-2103	AFOSH 67-0232	AF-49/638/01433
AFOSH 66-2423	AFOSH 67-1911	AFOSH 66-0830		AFOSH 67-0291	AFOSH 66-0645
	AFOSH 67-2167	AFOSH 66-1122	AF-49/638/01389	AFOSH 67-0463	AFOSH 66-1987
	AFOSH 66-0460	AFOSH 66-2740	AFOSH 67-0191	AFOSH 67-0466	
AF-49/638/01388	AFOSH 66-0490	AFOSH 66-2740	AFUSH 67-0566	AFOSH 67-0469	
AFOSH 66-1565	AFOSH 66-0571		AFOSH 67-0571	AFOSH 67-1229	AF-49/638/01436
	AFOSH 66-0749		AFUSH 67-0572	AFOSH 67-1436	AFOSH 67-2082
	AFOSH 66-0866	AF-49/638/01380	AFUSH 67-0573	AFOSH 67-1517	AFOSH 67-2264
AF-49/638/01320		AFUSH 67-0119	AFUSH 67-0574	AFOSH 67-1734	AFOSH 67-2431
AFOSH 66-0098		AFOSH 67-0121	AFOSH 67-0575	AFOSH 67-1791	AFOSH 66-0866
AFOSH 66-0103	AF-49/638/01384	AFOSH 67-0122	AFUSH 67-0576	AFOSH 67-1791	AFOSH 66-1941
AFOSH 66-0488	AFUSH 66-0830	AFOSH 67-0571	AFOSH 67-0577	AFOSH 67-1796	AFOSH 66-2220
		AFOSH 67-0474	AFOSH 67-0578	AFOSH 67-1800	AFOSH 66-2281
AF-49/638/01337	AF-49/638/01395	AFOSH 67-1145	AFOSH 67-0579	AFOSH 67-1861	
AFOSH 67-0675	AFOSH 67-0142	AFOSH 67-1176	AFOSH 67-0580	AFOSH 67-1862	
AFOSH 67-0676	AFOSH 67-1227	AFOSH 67-1372	AFOSH 67-0581	AFOSH 67-1918	AF-49/638/01438
AFOSH 67-0879	AFOSH 66-1452	AFOSH 67-1390	AFOSH 67-0582	AFOSH 67-2412	AFOSH 67-1197
AFOSH 67-2083	AFOSH 66-1456	AFOSH 67-1391	AFOSH 67-0583	AFOSH 67-2562	AFOSH 67-2212
AFOSH 67-2084	AFOSH 66-1456	AFOSH 67-1408	AFOSH 67-0584	AFOSH 66-0216	AFOSH 67-2214
AFOSH 67-2106	AFOSH 66-1814	AFOSH 67-1714	AFOSH 67-0585	AFOSH 66-0220	AFOSH 67-2214
AFOSH 67-2143		AFOSH 67-1803	AFOSH 67-0586	AFOSH 66-0227	AFOSH 67-2724
AFOSH 67-2147	AF-49/638/01395	AFOSH 67-1804	AFOSH 67-0587	AFOSH 66-0227	AFOSH 67-2729
AFOSH 66-1430	AFOSH 67-0088	AFOSH 67-1900	AFOSH 67-0588	AFOSH 66-0227	AFOSH 66-1901
AFOSH 66-1436	AFOSH 67-0100	AFOSH 67-2501	AFOSH 67-0589	AFOSH 66-1088	AFOSH 66-1901
AFOSH 66-1442	AFOSH 67-1125	AFOSH 67-2525	AFOSH 67-0590	AFOSH 66-1192	AFOSH 66-1901
AFOSH 66-1445	AFOSH 67-1147	AFOSH 66-0133	AFOSH 67-0591	AFOSH 66-1536	
AFOSH 66-1449	AFOSH 67-1172	AFOSH 66-0134	AFOSH 67-0592	AFOSH 66-1536	
AFOSH 66-1450	AFOSH 67-1282	AFOSH 66-0136	AFOSH 67-0593	AFOSH 66-1536	
AFOSH 66-1451	AFOSH 67-1666	AFOSH 66-0137	AFOSH 67-0594	AFOSH 66-1536	
	AFOSH 67-2732	AFOSH 66-0138	AFOSH 67-0595	AFOSH 66-1536	
AF-49/638/01339	AFOSH 66-0080	AFOSH 66-0139	AFOSH 67-0596	AFOSH 66-1536	
AFUSH 67-0103	AFOSH 66-1751	AFOSH 66-0140	AFOSH 67-0597	AFOSH 66-1536	
	AFOSH 66-1960	AFOSH 66-0141	AFOSH 67-0598	AFOSH 66-1536	
	AFOSH 66-2037	AFOSH 66-0428	AFOSH 67-0599	AFOSH 66-1536	
	AFOSH 66-2072	AFOSH 66-0430	AFOSH 67-0600	AFOSH 66-1536	
	AFOSH 66-2074	AFOSH 66-0430	AFOSH 67-0601	AFOSH 66-1536	
	AFOSH 66-2291	AFOSH 66-0430	AFOSH 67-0602	AFOSH 66-1536	
AF-49/638/01341		AFOSH 66-0430	AFOSH 67-0603	AFOSH 66-1536	
AFUSH 67-0240	AF-49/638/01399	AFOSH 66-1284	AFOSH 67-0604	AFOSH 66-1536	
AFOSH 67-0551	AFOSH 66-1356	AFOSH 66-1273	AFOSH 67-0605	AFOSH 66-1536	
AFOSH 67-0552		AFOSH 66-1329	AFOSH 67-0606	AFOSH 66-1536	
AFOSH 67-0732		AFOSH 66-1454	AFOSH 67-0607	AFOSH 66-1536	
AFOSH 67-1206	AF-49/638/01360	AFOSH 66-2212	AFOSH 67-0608	AFOSH 66-1536	
AFOSH 67-1482	AFOSH 67-0931	AFOSH 66-2221	AFOSH 67-0609	AFOSH 66-1536	
AFOSH 67-1483	AFOSH 67-1399	AFOSH 66-2222	AFOSH 67-0610	AFOSH 66-1536	
AFOSH 67-2009	AFOSH 67-2057	AFOSH 66-2223	AFOSH 67-0611	AFOSH 66-1536	
AFOSH 67-2513	AFOSH 67-2057	AFOSH 66-2224	AFOSH 67-0612	AFOSH 66-1536	
AFOSH 67-2535	AFOSH 67-2057	AFOSH 66-2225	AFOSH 67-0613	AFOSH 66-1536	
AFOSH 66-0860	AFOSH 67-2057	AFOSH 66-2226	AFOSH 67-0614	AFOSH 66-1536	
AFOSH 66-0865	AFOSH 67-2057	AFOSH 66-2227	AFOSH 67-0615	AFOSH 66-1536	
AFOSH 66-0717	AFOSH 67-2057	AFOSH 66-2228	AFOSH 67-0616	AFOSH 66-1536	
AFOSH 66-0718	AFOSH 67-2057	AFOSH 66-2229	AFOSH 67-0617	AFOSH 66-1536	
AFOSH 66-1103	AFOSH 67-2057	AFOSH 66-2230	AFOSH 67-0618	AFOSH 66-1536	
AFOSH 66-1408	AFOSH 67-2057	AFOSH 66-2231	AFOSH 67-0619	AFOSH 66-1536	
AFOSH 66-1607	AFOSH 67-2057	AFOSH 66-2232	AFOSH 67-0620	AFOSH 66-1536	
AFOSH 66-1806	AF-49/638/01361	AFOSH 66-2233	AFOSH 67-0621	AFOSH 66-1536	
AFOSH 66-1807	AFOSH 66-0342	AFOSH 66-2234	AFOSH 67-0622	AFOSH 66-1536	
AFOSH 66-1808		AFOSH 66-2235	AFOSH 67-0623	AFOSH 66-1536	
AFOSH 66-2077		AFOSH 66-2236	AFOSH 67-0624	AFOSH 66-1536	
AFOSH 66-2393	AF-49/638/01362	AFOSH 66-2237	AFOSH 67-0625	AFOSH 66-1536	
AFOSH 66-2395	AFOSH 66-0456	AFOSH 66-2238	AFOSH 67-0626	AFOSH 66-1536	
AFOSH 66-2396	AFOSH 66-1764	AFOSH 66-2239	AFOSH 67-0627	AFOSH 66-1536	
AFOSH 66-2430		AFOSH 66-2240	AFOSH 67-0628	AFOSH 66-1536	
		AFOSH 66-2241	AFOSH 67-0629	AFOSH 66-1536	
AF-49/638/01343	AF-49/638/01364	AFOSH 66-2242	AFOSH 67-0630	AFOSH 66-1536	
AFOSH 67-0084	AFOSH 67-0550	AFOSH 66-2243	AFOSH 67-0631	AFOSH 66-1536	
AFOSH 67-2289	AFOSH 67-0627	AFOSH 66-2244	AFOSH 67-0632	AFOSH 66-1536	
	AFOSH 67-0628	AFOSH 66-2245	AFOSH 67-0633	AFOSH 66-1536	
	AFOSH 66-0221	AFOSH 66-2246	AFOSH 67-0634	AFOSH 66-1536	
AF-49/638/01344		AFOSH 66-2247	AFOSH 67-0635	AFOSH 66-1536	
AFOSH 66-0042	AF-49/638/01366	AFOSH 66-2248	AFOSH 67-0636	AFOSH 66-1536	
AFOSH 66-0579	AFOSH 66-1342	AFOSH 66-2249	AFOSH 67-0637	AFOSH 66-1536	
AFOSH 66-0580		AFOSH 66-2250	AFOSH 67-0638	AFOSH 66-1536	
AFOSH 66-0631		AFOSH 66-2251	AFOSH 67-0639	AFOSH 66-1536	
AFOSH 66-0953	AF-49/638/01369	AFOSH 66-2252	AFOSH 67-0640	AFOSH 66-1536	
AFOSH 66-1406	AFOSH 67-0494	AFOSH 66-2253	AFOSH 67-0641	AFOSH 66-1536	
AFOSH 66-1407	AFOSH 66-1464	AFOSH 66-2254	AFOSH 67-0642	AFOSH 66-1536	
AFOSH 66-1408	AFOSH 66-1493	AFOSH 66-2255	AFOSH 67-0643	AFOSH 66-1536	
AFOSH 66-1409		AFOSH 66-2256	AFOSH 67-0644	AFOSH 66-1536	
AFOSH 66-1410		AFOSH 66-2257	AFOSH 67-0645	AFOSH 66-1536	
		AFOSH 66-2258	AFOSH 67-0646	AFOSH 66-1536	
AF-49/638/01345	AF-49/638/01370	AFOSH 66-2259	AFOSH 67-0647	AFOSH 66-1536	
AFOSH 66-0446	AFOSH 67-2603	AFOSH 66-2260	AFOSH 67-0648	AFOSH 66-1536	
AFOSH 66-0731		AFOSH 66-2261	AFOSH 67-0649	AFOSH 66-1536	
AFOSH 66-1104	AF-49/638/01371	AFOSH 66-2262	AFOSH 67-0650	AFOSH 66-1536	
AFOSH 66-2432	AFOSH 67-0302	AFOSH 66-2263	AFOSH 67-0651	AFOSH 66-1536	
AFOSH 66-2516	AFOSH 67-0303	AFOSH 66-2264	AFOSH 67-0652	AFOSH 66-1536	
AFOSH 66-2523	AFOSH 67-0304	AFOSH 66-2265	AFOSH 67-0653	AFOSH 66-1536	
AFOSH 66-2525	AFOSH 67-0421	AFOSH 66-2266	AFOSH 67-0654	AFOSH 66-1536	
AFOSH 66-2544		AFOSH 66-2267	AFOSH 67-0655	AFOSH 66-1536	
AFOSH 66-2613	AF-49/638/01372	AFOSH 66-2268	AFOSH 67-0656	AFOSH 66-1536	
AFOSH 66-2614	AFOSH 66-0644	AFOSH 66-2269	AFOSH 67-0657	AFOSH 66-1536	
AFOSH 66-2615		AFOSH 66-2270	AFOSH 67-0658	AFOSH 66-1536	
AFOSH 66-2617		AFOSH 66-2271	AFOSH 67-0659	AFOSH 66-1536	
AFOSH 66-2617	AF-49/638/01373	AFOSH 66-2272	AFOSH 67-0660	AFOSH 66-1536	
AFOSH 66-2647	AFOSH 66-0069	AFOSH 66-2273	AFOSH 67-0661	AFOSH 66-1536	
AFOSH 66-2650	AFOSH 66-1966	AFOSH 66-2274	AFOSH 67-0662	AFOSH 66-1536	
	AFOSH 66-2649	AFOSH 66-2275	AFOSH 67-0663	AFOSH 66-1536	
		AFOSH 66-2276	AFOSH 67-0664	AFOSH 66-1536	
		AFOSH 66-2277	AFOSH 67-0665	AFOSH 66-1536	
		AFOSH 66-2278	AFOSH 67-0666	AFOSH 66-1536	
		AFOSH 66-2279	AFOSH 67-0667	AFOSH 66-1536	
		AFOSH 66-2280	AFOSH 67-0668	AFOSH 66-1536	
		AFOSH 66-2281	AFOSH 67-0669	AFOSH 66-1536	
		AFOSH 66-2282	AFOSH 67-0670	AFOSH 66-1536	
		AFOSH 66-2283	AFOSH 67-0671	AFOSH 66-1536	
		AFOSH 66-2284	AFOSH 67-0672	AFOSH 66-1536	
		AFOSH 66-2285	AFOSH 67-0673	AFOSH 66-1536	
		AFOSH 66-2286	AFOSH 67-0674	AFOSH 66-1536	
		AFOSH 66-2287	AFOSH 67-0675	AFOSH 66-1536	
		AFOSH 66-2288	AFOSH 67-0676	AFOSH 66-1536	
		AFOSH 66-2289	AFOSH 67-0677	AFOSH 66-1536	
		AFOSH 66-2290	AFOSH 67-0678	AFOSH 66-1536	
		AFOSH 66-2291	AFOSH 67-0679	AFOSH 66-1536	
		AFOSH 66-2292	AFOSH 67-0680	AFOSH 66-1536	
		AFOSH 66-2293	AFOSH 67-0681	AFOSH 66-1536	
		AFOSH 66-2294	AFOSH 67-0682	AFOSH 66-1536	
		AFOSH 66-2295	AFOSH 67-0683	AFOSH 66-1536	
		AFOSH 66-2296	AFOSH 67-0684	AFOSH 66-1536	
		AFOSH 66-2297	AFOSH 67-0685	AFOSH 66-1536	
		AFOSH 66-2298	AFOSH 67-0686	AFOSH 66-1536	
		AFOSH 66-2299	AFOSH 67-0687	AFOSH 66-1536	
		AFOSH 66-2300	AFOSH 67-0688	AFOSH 66-1536	
		AFOSH 66-2301	AFOSH 67-0689	AFOSH 66-1536	
		AFOSH 66-2302	AFOSH 67-0690	AFOSH 66-1536	
		AFOSH 66-2303	AFOSH 67-0691	AFOSH 66-1536	
		AFOSH 66-2304	AFOSH 67-0692	AFOSH 66-1536	
		AFOSH 66-2305	AFOSH 67-0693	AFOSH 66-1536	
		AFOSH 66-2306	AFOSH 67-0694	AFOSH 66-1536	
		AFOSH 66-2307	AFOSH 67-0695	AFOSH 66-1536	
		AFOSH 66-2308	AFOSH 67-0696	AFOSH 66-1536	
		AFOSH 66-2309	AFOSH 67-0697	AFOSH 66-1536	
		AFOSH 66-2310	AFOSH 67-0698	AFOSH 66-1536	
		AFOSH 66-2311	AFOSH 67-0699	AFOSH 66-1536	
		AFOSH 66-2312	AFOSH 67-0700	AFOSH 66-1536	
		AFOSH 66-2313	AFOSH 67-0701	AFOSH 66-1536	
		AFOSH 66-2314	AFOSH 67-0702	AFOSH 66-1536	
		AFOSH 66-2315	AFOSH 67-0703	AFOSH 66-1536	
		AFOSH 66-2316	AFOSH 67-0704	AFOSH 66-1536	
		AFOSH 66-2317	AFOSH 67-0705	AFOSH 66-1536	
		AFOSH 66-2318	AFOSH 67-0706	AFOSH 66-1536	
		AFOSH 66-2319	AFOSH 67-0707	AFOSH 66-1536	
		AFOSH 66-2320	AFOSH 67-0708	AFOSH 66-1536	
		AFOSH 66-2321	AFOSH 67-0709	AFOSH 66-1536	
		AFOSH 66-2322	AFOSH 67-0710	AFOSH 66-1536	
		AFOSH 66-2323	AFOSH 67-0711	AFOSH 66-1536	
		AFOSH 66-2324	AFOSH 67-0712	AFOSH 66-1536	
		AFOSH 66-2325	AFOSH 67-0713	AFOSH 66-1536	
		AFOSH 66-2326	AFOSH 67-0714	AFOSH 66-1536	
		AFOSH 66-2327	AFOSH 67-0715	AFOSH 66-1536	
		AFOSH 66-2328	AFOSH 67-0716	AFOSH 66-1536	
		AFOSH 66-2329	AFOSH 67-0717	AFOSH 66-1536	
		AFOSH 66-2330	AFOSH 67-0718	AFOSH 66-1536	
		AFOSH 66-2331	AFOSH 67-0719	AFOSH 66-1536	
		AFOSH 66-2332	AFOSH 67-0720	AFOSH 66-1536	
		AF			

AFOSR 67-0084 AFOSR 67-1010 AFOSR 67-1017 AFOSR 67-1019 AFOSR 67-1136 AFOSR 67-1162 AFOSR 67-1188 AFOSR 67-1236	AF-49/638/01497 AFOSR 67-2199 AFOSR 67-2202 AFOSR 68-2114 AFOSR 68-2247 AFOSR 68-2451	AFOSR 67-2327 AF-49/638/01525 AFOSR 67-1040 AFOSR 67-1401	AFOSR 68-2534 AF-49/638/01546 AFOSR 67-0999 AFOSR 67-2576 AFOSR 67-2593 AFOSR 67-2596 AFOSR 68-0738	AF-49/638/01573 AFOSR 68-1923 AF-49/638/01674 AFOSR 67-2551 AF-49/638/01676 AFOSR 67-1186	AF-49/638/01622 AFOSR 67-1512 AFOSR 68-1384 AFOSR 68-1602 AF-49/638/01623 AFOSR 67-1116 AFOSR 67-1997 AFOSR 67-2580 AFOSR 68-0633 AFOSR 68-0892 AFOSR 68-0981 AFOSR 68-1368 AFOSR 68-1606 AFOSR 68-2016
AF-49/638/01670 AFOSR 67-1892	AF-49/638/01498 AFOSR 67-0991	AF-49/638/01526 AFOSR 68-2553			
	AF-49/638/01499 AFOSR 67-1932 AFOSR 67-1934 AFOSR 67-1948 AFOSR 68-1676	AF-49/638/01527 AFOSR 67-1044 AFOSR 67-1446 AFOSR 67-2034 AFOSR 67-2614 AFOSR 67-2634 AFOSR 67-2638 AFOSR 67-2638 AFOSR 68-1060 AFOSR 68-1065	AF-49/638/01548 AFOSR 68-1784	AF-49/638/01578 AFOSR 67-2364	
AF-49/638/01471 AFOSR 68-0494			AF-49/638/01553 AFOSR 67-1794 AFOSR 68-0222 AFOSR 68-0346 AFOSR 68-1377 AFOSR 68-1939 AFOSR 68-2082	AF-49/638/01588 AFOSR 67-1981	
AF-49/638/01474 AFOSR 67-0136 AFOSR 68-0643 AFOSR 68-0674	AF-49/638/01500 AFOSR 67-0611 AFOSR 67-1084			AF-49/638/01589 AFOSR 67-1403	AF-49/638/01628 AFOSR 67-2463 AFOSR 67-2464 AFOSR 67-2465 AFOSR 67-2466 AFOSR 67-2467 AFOSR 67-2468 AFOSR 67-2469 AFOSR 67-2470 AFOSR 67-2471
AF-49/638/01475 AFOSR 68-1892	AF-49/638/01502 AFOSR 67-1288 AFOSR 68-1162	AF-49/638/01528 AFOSR 67-1395 AFOSR 68-0001	AF-49/638/01555 AFOSR 67-0310 AFOSR 67-0319 AFOSR 67-0325 AFOSR 67-0985 AFOSR 67-1030 AFOSR 67-1478 AFOSR 67-1504 AFOSR 67-1958 AFOSR 67-1982 AFOSR 67-2555 AFOSR 68-0116 AFOSR 68-0961 AFOSR 68-1007 AFOSR 68-1008 AFOSR 68-1021 AFOSR 68-1032 AFOSR 68-1033 AFOSR 68-1046 AFOSR 68-1062 AFOSR 68-1064 AFOSR 68-1090 AFOSR 68-1108 AFOSR 68-1627 AFOSR 68-1754 AFOSR 68-1822 AFOSR 68-1903 AFOSR 68-2058 AFOSR 68-2124 AFOSR 68-2381 AFOSR 68-2521 AFOSR 68-2533 AFOSR 68-2535 AFOSR 68-2696 AFOSR 68-2776	AF-49/638/01591 AFOSR 67-2414 AFOSR 67-2421 AFOSR 68-1972 AFOSR 68-2059	
AF-49/638/01476 AFOSR 67-0702 AFOSR 67-0703	AF-49/638/01503 AFOSR 67-2090	AF-49/638/01532 AFOSR 67-0032 AFOSR 67-0286 AFOSR 67-0388 AFOSR 67-1731 AFOSR 67-2083 AFOSR 67-2380 AFOSR 67-2321 AFOSR 68-2058 AFOSR 68-2229 AFOSR 68-2773		AF-49/638/01592 AFOSR 68-1361	AF-49/638/01626 AFOSR 67-1699
AF-49/638/01479 AFOSR 67-0094 AFOSR 67-0095 AFOSR 67-0109 AFOSR 67-0168 AFOSR 68-0287 AFOSR 68-0288 AFOSR 68-0335 AFOSR 68-0976 AFOSR 68-1271 AFOSR 68-1681 AFOSR 68-1828 AFOSR 68-1904 AFOSR 68-2854	AF-49/638/01504 AFOSR 67-0202 AFOSR 67-1113 AFOSR 68-0883 AF-49/638/01505 AFOSR 67-0588 AFOSR 67-0888 AFOSR 67-2088 AFOSR 68-1432 AFOSR 68-1446	AF-49/638/01533 AFOSR 68-1210		AF-49/638/01594 AFOSR 67-0994	AF-49/638/01629 AFOSR 67-0054 AFOSR 68-0344 AFOSR 68-1675
AF-49/638/01483 AFOSR 67-0213 AFOSR 67-0230 AFOSR 67-0418 AFOSR 67-1160 AFOSR 67-2059 AFOSR 68-0147 AFOSR 68-1937	AF-49/638/01506 AFOSR 68-2386 AF-49/638/01509 AFOSR 68-0241 AFOSR 68-0347	AF-49/638/01534 AFOSR 67-1797	AF-49/638/01556 AFOSR 67-0310 AFOSR 67-0319 AFOSR 67-0325 AFOSR 67-0985 AFOSR 67-1030 AFOSR 67-1478 AFOSR 67-1504 AFOSR 67-1958 AFOSR 67-1982 AFOSR 67-2555 AFOSR 68-0116 AFOSR 68-0961 AFOSR 68-1007 AFOSR 68-1008 AFOSR 68-1021 AFOSR 68-1032 AFOSR 68-1033 AFOSR 68-1046 AFOSR 68-1062 AFOSR 68-1064 AFOSR 68-1090 AFOSR 68-1108 AFOSR 68-1627 AFOSR 68-1754 AFOSR 68-1822 AFOSR 68-1903 AFOSR 68-2058 AFOSR 68-2124 AFOSR 68-2381 AFOSR 68-2521 AFOSR 68-2533 AFOSR 68-2535 AFOSR 68-2696 AFOSR 68-2776	AF-49/638/01595 AFOSR 67-1465 AFOSR 68-0529	AF-49/638/01630 AFOSR 68-1164
AF-49/638/01485 AFOSR 67-1022 AFOSR 67-1957 AFOSR 68-1234 AFOSR 68-1736 AFOSR 68-2820	AF-49/638/01512 AFOSR 67-0386 AFOSR 67-1257 AFOSR 67-1272 AFOSR 67-1317 AFOSR 67-1878 AFOSR 68-1030 AFOSR 68-1537	AF-49/638/01535 AFOSR 67-1124		AF-49/638/01596 AFOSR 67-0994	AF-49/638/01631 AFOSR 67-1556
AF-49/638/01487 AFOSR 67-2246 AFOSR 68-0893	AF-49/638/01510 AFOSR 67-0392	AF-49/638/01537 AFOSR 67-1009 AFOSR 68-0688 AFOSR 68-1002		AF-49/638/01597 AFOSR 67-1465 AFOSR 68-0529	AF-49/638/01632 AFOSR 67-0176 AFOSR 67-0307 AFOSR 67-1225 AFOSR 67-2092
AF-49/638/01488 AFOSR 67-1180 AFOSR 68-0240 AFOSR 68-1604	AF-49/638/01513 AFOSR 68-1211	AF-49/638/01539 AFOSR 67-1785 AFOSR 68-0741 AFOSR 68-1766 AFOSR 68-2618	AF-49/638/01557 AFOSR 67-0894 AFOSR 67-1318 AFOSR 67-2068 AFOSR 67-2664	AF-49/638/01600 AFOSR 67-2240 AFOSR 67-2244 AFOSR 68-0732 AFOSR 68-0748 AFOSR 68-1146 AFOSR 68-2531	
AF-49/638/01489 AFOSR 68-1249	AF-49/638/01514 AFOSR 67-0783 AFOSR 67-0777 AFOSR 67-1046 AFOSR 67-1048 AFOSR 67-1700 AFOSR 68-0103 AFOSR 68-1158 AFOSR 68-1973 AFOSR 68-1975 AFOSR 68-2261	AF-49/638/01541 AFOSR 67-0139 AFOSR 67-1785 AFOSR 68-0741 AFOSR 68-1766 AFOSR 68-2618	AF-49/638/01558 AFOSR 67-1768 AFOSR 68-1114	AF-49/638/01601 AFOSR 68-0319 AFOSR 68-0464	AF-49/638/01633 AFOSR 67-0428 AFOSR 68-1967 AFOSR 68-2139 AFOSR 68-2494
AF-49/638/01490 AFOSR 68-2354	AF-49/638/01515 AFOSR 68-0768	AF-49/638/01542 AFOSR 67-0852	AF-49/638/01559 AFOSR 67-1898 AFOSR 68-1757	AF-49/638/01602 AFOSR 67-0857	AF-49/638/01634 AFOSR 67-1576 AFOSR 67-2078 AFOSR 67-2082 AFOSR 67-2437 AFOSR 67-2439 AFOSR 68-0023 AFOSR 68-0224 AFOSR 68-0228 AFOSR 68-1205 AFOSR 68-1603 AFOSR 68-1830 AFOSR 68-2631 AFOSR 68-2632 AFOSR 68-2681
AF-49/638/01492 AFOSR 67-0233 AFOSR 67-0234 AFOSR 67-0235 AFOSR 67-0236 AFOSR 67-2796 AFOSR 67-2797 AFOSR 68-2674	AF-49/638/01516 AFOSR 68-0768	AF-49/638/01543 AFOSR 67-1192 AFOSR 67-1198 AFOSR 67-1303 AFOSR 68-0260 AFOSR 68-0270 AFOSR 68-0271 AFOSR 68-0272 AFOSR 68-0273 AFOSR 68-0274 AFOSR 68-0275 AFOSR 68-0276 AFOSR 68-0277 AFOSR 68-0278 AFOSR 68-0306 AFOSR 68-1227 AFOSR 68-1228 AFOSR 68-1229 AFOSR 68-1261 AFOSR 68-2262 AFOSR 68-2263 AFOSR 68-2265	AF-49/638/01560 AFOSR 67-0003	AF-49/638/01603 AFOSR 67-2667	AF-49/638/01637 AFOSR 67-1946 AFOSR 68-1202 AFOSR 68-1286
AF-49/638/01493 AFOSR 68-2821	AF-49/638/01517 AFOSR 67-1367 AFOSR 68-1783 AFOSR 68-2517	AF-49/638/01544 AFOSR 67-0786 AFOSR 67-1468	AF-49/638/01561 AFOSR 67-0003	AF-49/638/01604 AFOSR 67-0857	AF-49/638/01638 AFOSR 67-0805
AF-49/638/01495 AFOSR 67-1259 AFOSR 67-1260 AFOSR 67-1461 AFOSR 67-1588 AFOSR 68-1194	AF-49/638/01518 AFOSR 68-0150	AF-49/638/01545 AFOSR 67-1192 AFOSR 67-1198 AFOSR 67-1303 AFOSR 68-0260 AFOSR 68-0270 AFOSR 68-0271 AFOSR 68-0272 AFOSR 68-0273 AFOSR 68-0274 AFOSR 68-0275 AFOSR 68-0276 AFOSR 68-0277 AFOSR 68-0278 AFOSR 68-0306 AFOSR 68-1227 AFOSR 68-1228 AFOSR 68-1229 AFOSR 68-1261 AFOSR 68-2262 AFOSR 68-2263 AFOSR 68-2265	AF-49/638/01562 AFOSR 67-0003	AF-49/638/01605 AFOSR 67-2795	AF-49/638/01639 AFOSR 68-0750
	AF-49/638/01519 AFOSR 67-1367 AFOSR 68-1783 AFOSR 68-2517	AF-49/638/01546 AFOSR 67-0786 AFOSR 67-1468	AF-49/638/01563 AFOSR 67-0613	AF-49/638/01606 AFOSR 67-0857	AF-49/638/01640 AFOSR 68-0032
	AF-49/638/01520 AFOSR 67-1367 AFOSR 68-1783 AFOSR 68-2517	AF-49/638/01547 AFOSR 67-0786 AFOSR 67-1468	AF-49/638/01564 AFOSR 67-0613	AF-49/638/01607 AFOSR 67-2667	AF-49/638/01642 AFOSR 67-1081 AFOSR 67-1198 AFOSR 67-1199 AFOSR 67-1204 AFOSR 67-1212

[illegible]

ARL 68-1018N	ARL 68-0049T	ARL 68-1267A	ARL 67-1268E	ARL 7073-00-07	ARL 67-1058I
ARL 68-1305N	ARL 68-0149T	ARL 68-1270L	ARL 67-1272F	ARL 68-0069T	ARL 67-1060C
ARL 68-1309L	ARL 68-0214T	ARL 68-1283N	ARL 68-0090V	ARL 68-1196H	ARL 67-1098A
ARL 68-1310L	ARL 68-0344V	ARL 68-1289N	ARL 68-0122V	ARL 68-1449H	ARL 67-1099A
ARL 68-1311L	ARL 68-1107A	ARL 68-1294N	ARL 68-0176V		ARL 67-1328A
ARL 68-1312L	ARL 68-1116C		ARL 68-0238V	ARL 7112-00-01	ARL 67-1328A
ARL 68-1313L		ARL 7071-00-10	ARL 68-0270V	ARL 67-0033V	ARL 67-1328A
ARL 68-1314L	ARL 7094-00-07	ARL 67-0243V	ARL 68-0270V	ARL 67-0083V	ARL 68-1344A
ARL 68-1315L	ARL 67-0045	ARL 67-1020A	ARL 68-0280V	ARL 67-0111V	
ARL 68-1316L	ARL 67-0106V	ARL 67-1021A	ARL 68-0288V	ARL 67-0158T	ARL 7114-00-04
ARL 68-1317L	ARL 67-0188T	ARL 67-1022A	ARL 68-0347V	ARL 67-0182V	ARL 67-0175V
ARL 68-1318A	ARL 67-1064B	ARL 67-1219E	ARL 68-1P41A	ARL 67-1034A	ARL 68-0092V
ARL 68-1319L	ARL 67-1065L	ARL 68-0050T	ARL 68-1242A	ARL 67-1035A	
ARL 68-1320L	ARL 67-1066A	ARL 68-0052V	ARL 68-1243A	ARL 67-1036A	
ARL 68-1321A	ARL 67-1204L	ARL 68-1290N	ARL 68-1244A	ARL 67-1037A	ARL 7114-00-05
ARL 68-1322L	ARL 67-1234L		ARL 68-1245A	ARL 67-1038A	ARL 67-0048
ARL 68-1323A	ARL 67-1254C	ARL 7071-00-11	ARL 68-1246A	ARL 67-1039A	
ARL 68-1324L	ARL 68-0027T	ARL 67-0027V	ARL 68-1247A	ARL 67-1040A	
ARL 68-1325L	ARL 68-0039T	ARL 67-0044T	ARL 68-1248A	ARL 67-1045A	ARL 7114-00-06
ARL 68-1326L	ARL 68-0040V	ARL 67-0050T	ARL 68-1249A	ARL 67-1177N	ARL 67-0029V
ARL 68-1327L	ARL 68-0053V	ARL 67-0059V	ARL 68-1250A	ARL 67-1178N	
ARL 68-1330C	ARL 68-0080V	ARL 67-0116V	ARL 68-1258A	ARL 67-1179N	ARL 7114-00-07
	ARL 68-0216T	ARL 67-0130V	ARL 68-1259A	ARL 67-1180N	ARL 67-1055L
	ARL 68-1106A	ARL 67-0144V	ARL 68-1260A	ARL 67-1196L	ARL 67-1056L
	ARL 68-1381A	ARL 67-1002I	ARL 68-1261L	ARL 67-1246C	ARL 67-1100A
ARL 7063-00-14		ARL 67-1003I	ARL 68-1271L	ARL 67-1266L	
ARL 67-0179T		ARL 67-1004I	ARL 68-1272L	ARL 67-1268L	
ARL 67-0229V	ARL 7065-00-04	ARL 67-1005I	ARL 68-1280L	ARL 67-1280L	
ARL 67-1075A	ARL 67-0039V	ARL 67-1018A	ARL 68-1283N	ARL 68-0009V	ARL 7114-00-08
ARL 67-1277C	ARL 67-0068T	ARL 67-1019A	ARL 68-1286N	ARL 68-0012V	ARL 67-1049H
ARL 67-1278C		ARL 67-1032A	ARL 68-1295N	ARL 68-0148V	ARL 67-1050H
ARL 68-1128A	ARL 7065-00-08	ARL 67-1252C	ARL 68-1469A	ARL 68-0170V	ARL 67-1051L
ARL 68-1129L	ARL 68-0204T	ARL 67-1267E		ARL 68-0308V	ARL 67-1054A
ARL 68-1130L	ARL 68-0309V	ARL 68-0038V	ARL 7071-00-20	ARL 68-0330V	ARL 68-0123V
ARL 68-1131L		ARL 68-0065V	ARL 67-0169T	ARL 68-1204A	ARL 68-0224V
ARL 68-1132L	ARL 7065-00-09	ARL 68-0171V	ARL 67-0204V	ARL 68-1205A	ARL 68-0226V
ARL 68-1133L	ARL 67-1228V	ARL 68-0277V	ARL 67-1210L	ARL 68-1201A	ARL 68-1208A
ARL 68-1134V	ARL 68-1227A	ARL 68-1253A	ARL 67-1270E	ARL 68-1209A	ARL 68-1209A
ARL 68-1135L	ARL 68-1228N	ARL 68-1257N	ARL 68-0070T	ARL 68-1223H	ARL 68-1223H
ARL 68-1136A	ARL 68-1300C	ARL 68-1292N	ARL 68-1252A	ARL 68-1224H	ARL 68-1225H
ARL 68-1137A		ARL 68-1293N	ARL 68-1261A	ARL 68-1226H	ARL 68-1237L
ARL 68-1142N		ARL 68-1470A	ARL 68-1273L	ARL 68-1338A	ARL 68-1339A
			ARL 68-1274L	ARL 68-1340A	ARL 68-1340A
			ARL 68-1275L	ARL 68-1343A	
			ARL 68-1276L		
			ARL 68-1277L		
			ARL 68-1278L		
			ARL 68-1281L		
			ARL 68-1288N		
			ARL 68-1471A		
			ARL 68-1473A		
ARL 7063-00-15	ARL 7065-00-11	ARL 7071-00-12		ARL 7112-00-02	ARL 7114-00-01
ARL 67-0232V	ARL 67-1210C	ARL 67-0117V		ARL 67-0233V	ARL 67-0065T
ARL 67-1072A	ARL 67-1212C	ARL 67-0166T		ARL 67-1041A	ARL 67-1071A
ARL 67-1073A		ARL 67-0198T		ARL 67-1042A	ARL 67-1077A
ARL 67-1207L		ARL 67-0206V		ARL 67-1043A	ARL 67-1078A
ARL 67-1335C	ARL 7065-00-13	ARL 67-1025A		ARL 67-1044A	ARL 67-1079A
ARL 67-1344C	ARL 67-1225L	ARL 67-1026A		ARL 67-1045A	ARL 68-1346A
ARL 67-1345C		ARL 67-1027A		ARL 67-1046A	ARL 68-1366A
ARL 68-0301V		ARL 67-1028A		ARL 67-1047A	ARL 68-1367A
ARL 68-1219A		ARL 67-1221E		ARL 67-1048A	ARL 68-1368A
		ARL 68-0169V		ARL 67-1049A	ARL 68-1369A
		ARL 68-0277V		ARL 67-1050A	ARL 68-1370A
		ARL 68-1250A		ARL 67-1051A	ARL 68-1371A
		ARL 68-1251A		ARL 67-1052A	ARL 68-1372A
		ARL 68-1252A		ARL 67-1053A	ARL 68-1373A
		ARL 68-1253A		ARL 67-1054A	ARL 68-1374A
		ARL 68-1254A		ARL 67-1055A	ARL 68-1375A
		ARL 68-1255A		ARL 67-1056A	
		ARL 68-1256A		ARL 67-1057A	
		ARL 68-1257A		ARL 67-1058A	
		ARL 68-1258A		ARL 67-1059A	
		ARL 68-1259A		ARL 67-1060A	
		ARL 68-1260A		ARL 67-1061A	
		ARL 68-1261A		ARL 67-1062A	
		ARL 68-1262A		ARL 67-1063A	
		ARL 68-1263A		ARL 67-1064A	
		ARL 68-1264A		ARL 67-1065A	
		ARL 68-1265A		ARL 67-1066A	
		ARL 68-1266A		ARL 67-1067A	
		ARL 68-1267A		ARL 67-1068A	
		ARL 68-1268A		ARL 67-1069A	
		ARL 68-1269A		ARL 67-1070A	
		ARL 68-1270A		ARL 67-1071A	
		ARL 68-1271A		ARL 67-1072A	
		ARL 68-1272A		ARL 67-1073A	
		ARL 68-1273A		ARL 67-1074A	
		ARL 68-1274A		ARL 67-1075A	
		ARL 68-1275A		ARL 67-1076A	
		ARL 68-1276A		ARL 67-1077A	
		ARL 68-1277A		ARL 67-1078A	
		ARL 68-1278A		ARL 67-1079A	
		ARL 68-1279A		ARL 67-1080A	
		ARL 68-1280A		ARL 67-1081A	
		ARL 68-1281A		ARL 67-1082A	
		ARL 68-1282A		ARL 67-1083A	
		ARL 68-1283A		ARL 67-1084A	
		ARL 68-1284A		ARL 67-1085A	
		ARL 68-1285A		ARL 67-1086A	
		ARL 68-1286A		ARL 67-1087A	
		ARL 68-1287A		ARL 67-1088A	
		ARL 68-1288A		ARL 67-1089A	
		ARL 68-1289A		ARL 67-1090A	
		ARL 68-1290A		ARL 67-1091A	
		ARL 68-1291A		ARL 67-1092A	
		ARL 68-1292A		ARL 67-1093A	
		ARL 68-1293A		ARL 67-1094A	
		ARL 68-1294A		ARL 67-1095A	
		ARL 68-1295A		ARL 67-1096A	
		ARL 68-1296A		ARL 67-1097A	
		ARL 68-1297A		ARL 67-1098A	
		ARL 68-1298A		ARL 67-1099A	
		ARL 68-1299A		ARL 67-1100A	
		ARL 68-1300A			
		ARL 68-1301A			
		ARL 68-1302A			
		ARL 68-1303A			
		ARL 68-1304A			
		ARL 68-1305A			
		ARL 68-1306A			
		ARL 68-1307A			
		ARL 68-1308A			
		ARL 68-1309A			
		ARL 68-1310A			
		ARL 68-1311A			
		ARL 68-1312A			
		ARL 68-1313A			
		ARL 68-1314A			
		ARL 68-1315A			
		ARL 68-1316A			
		ARL 68-1317A			
		ARL 68-1318A			
		ARL 68-1319A			
		ARL 68-1320A			
		ARL 68-1321A			
		ARL 68-1322A			
		ARL 68-1323A			
		ARL 68-1324A			
		ARL 68-1325A			
		ARL 68-1326A			
		ARL 68-1327A			
		ARL 68-1328A			
		ARL 68-1329A			
		ARL 68-1330A			
		ARL 68-1331A			
		ARL 68-1332A			
		ARL 68-1333A			
		ARL 68-1334A			
		ARL 68-1335A			
		ARL 68-1336A			
		ARL 68-1337A			
		ARL 68-1338A			
		ARL 68-1339A			
		ARL 68-1340A			
		ARL 68-1341A			
		ARL 68-1342A			
		ARL 68-1343A			
		ARL 68-1344A			
		ARL 68-1345A			
		ARL 68-1346A			
		ARL 68-1347A			
		ARL 68-1348A			
		ARL 68-1349A			
		ARL 68-1350A			
		ARL 68-1351A			
		ARL 68-1352A			
		ARL 68-1353A			
		ARL 68-1354A			
		ARL 68-1355A			
		ARL 68-1356A			
		ARL 68-1357A			
		ARL 68-1358A			
		ARL 68-1359A			
		ARL 68-1360A			
		ARL 68-1361A			
		ARL 68-1362A			
		ARL 68-1363A			
		ARL 68-1364A			
		ARL 68-1365A			
		ARL 68-1366A			
		ARL 68-1367A			
		ARL 68-1368A			

ARL 68-0232V	ARL 68-1429L	F19628-67-C-0020	F19628-67-C-0144	F19628-67-C-0238	F19628-67-C-0332
ARL 68-0233V	ARL 68-1450I	AFCHL 67-0599	AFCHL 67-0594	AFCHL 68-0207	AFCHL 68-0414
ARL 68-0251V	ARL 68-1452I		AFCHL 68-0359		
ARL 68-0254V	ARL 68-1453I				
ARL 68-0275V	ARL 68-1456L	F19628-67-C-0030		F19628-67-C-0239	F19628-67-C-0346
ARL 68-0301V	ARL 68-1457A	AFCHL 67-0045	F19628-67-C-0145	AFCHL 67-0690	AFCHL 68-0449
ARL 68-1424C	ARL 68-1458A	AFCHL 67-0124	AFCHL 68-0123	AFCHL 67-0691	
ARL 68-1455I	ARL 68-1459A	AFCHL 67-0541			
ARL 68-1460A	ARL 68-1467C	AFCHL 68-0092			
			F19628-67-C-0147	F19628-67-C-0241	F19628-67-C-0367
			AFCHL 68-0250	AFCHL 67-0573	AFCHL 68-0320
ARL-7885-00-02	ARL-7885-00-05	F19628-67-C-0036		AFCHL 67-0611	
ARL 67-0032V	ARL 67-0231V	AFCHL 67-0630		AFCHL 68-0485	F19628-67-C-0360
ARL 67-0073V	ARL 67-0269V		F19628-67-C-0149		AFCHL 67-0574
ARL 67-0200V	ARL 67-1286A		AFCHL 68-0087		AFCHL 68-0139
ARL 67-1286A	ARL 68-0290V	F19628-67-C-0047		F19628-67-C-0243	AFCHL 68-0248
ARL 68-0226V	ARL 68-0300V	AFCHL 68-0626		AFCHL 67-0587	
ARL 68-0246V	ARL 68-1474A		F19628-67-C-0150	AFCHL 68-0146	
ARL 68-0306V	ARL 68-1481A		AFCHL 68-0342	AFCHL 68-0543	F19628-67-C-0388
ARL 58-1351A		F19628-67-C-0050	AFCHL 68-0443		AFCHL 68-0144
ARL 68-1372L		AFCHL 68-0033			
ARL 68-1375A	00-33/615/05006-66			F19628-67-C-0247	
ARL 68-1387A	ARL 67-0199A			AFCHL 68-0217	F19628-67-C-0387
ARL 68-1477A	ARL 67-1040J	F19628-67-C-0054	F19628-67-C-0167	AFCHL 68-0316	AFCHL 68-0205
ARL 68-1478A		AFCHL 68-0467			
ARL 68-1483A					
ARL 68-1484A					
	FJSRL-7903-00-11	F19628-67-C-0057	F19628-67-C-0172	F19628-67-C-0250	F19628-67-C-0414
	SRL 67-0003	AFCHL 68-0222	AFCHL 68-0531	AFCHL 68-0328	AFCHL 68-0283
ARL-7885-00-03					
ARL 67-0041V	FJSRL-7904-00-03			F19628-67-C-0252	F19628-68-C-0001
ARL 67-0067T	SRL 68-0002	F19628-67-C-0080	F19628-67-C-0173	AFCHL 68-0234	AFCHL 67-0687
ARL 67-0145		AFCHL 67-0549	AFCHL 68-0091		AFCHL 68-0086
ARL 67-0140					AFCHL 68-0450
ARL 67-1212V	FJSRL-7904-00-10			F19628-67-C-0262	
ARL 67-0707V	SRL 68-0016	F19628-67-C-0082		AFCHL 67-0537	
ARL 67-10H5A		AFCHL 67-0633	F19628-67-C-0176	AFCHL 67-0684	F19628-68-C-0012
ARL 67-1138D			AFCHL 68-0429	AFCHL 68-0167	AFCHL 68-0588
ARL 67-1139D	FJSRL-7904-00-20			AFCHL 68-0372	
ARL 67-1139D	SRL 67-0005	F19628-67-C-0090	F19628-67-C-0181	AFCHL 68-0465	
ARL 67-1140D		AFCHL 68-0220	AFCHL 68-0394		F19628-68-C-0013
ARL 67-1213A					AFCHL 68-0412
ARL 68-0073T	FJSRL-7904-00-21			F19628-67-C-0265	
ARL 68-0100T	SRL 68-0003	F19628-67-C-0345	F19628-67-C-0182	AFCHL 68-0405	F19628-68-C-0021
ARL 68-0102T		AFCHL 67-0605	AFCHL 68-0350	AFCHL 68-0406	AFCHL 68-0522
ARL 68-0241V				AFCHL 68-0529	AFCHL 68-0586
ARL 68-0242V	FJSRL-7904-00-23				
ARL 68-0255V	SRL 67-0007	F19628-67-C-0046	F19628-67-C-0186	F19628-67-C-0275	F19628-68-C-0030
ARL 68-0256V		AFCHL 68-0709	AFCHL 67-0509	AFCHL 68-0306	AFCHL 68-0049
ARL 68-0257V			AFCHL 68-0238		AFCHL 68-0347
ARL 68-0258V	FJSRL-7904-00-24				
ARL 68-0259V	SRL 67-0004	F19628-67-C-0101		F19628-67-C-0267	F19628-68-C-0040
ARL 68-0260V		AFCHL 67-0420		AFCHL 68-0360	AFCHL 68-0353
ARL 68-0261V			F19628-67-C-0189		
ARL 68-0262V	FJSRL-7904-00-29		AFCHL 67-0302		
ARL 68-0263V	SRL 68-0001	F19628-67-C-0112	AFCHL 67-0456		
ARL 68-0264V		AFCHL 67-0407	AFCHL 67-0629	F19628-67-C-0290	
ARL 68-0265V		AFCHL 68-0512	AFCHL 68-0253	AFCHL 68-0516	
ARL 68-0266V	FJSRL-7904-00-32				F19628-68-C-0055
ARL 68-0267V	SRL 68-0017	F19628-67-C-0114	F19628-67-C-0192	F19628-67-C-0295	AFCHL 68-0443
ARL 68-1436A		AFCHL 68-0745	AFCHL 67-0699	AFCHL 67-0686	
ARL 68-1427A			AFCHL 68-0556		
	FJSRL-7905-00-10				
	SRL 67-0006	F19628-67-C-0116	F19628-67-C-0195	F19628-67-C-0298	F19628-68-C-0058
	SRL 68-0006	AFCHL 68-0246	AFCHL 68-0332	AFCHL 68-0124	AFCHL 68-0185
ARL-7885-00-04		AFCHL 68-0504		AFCHL 68-0310	AFCHL 68-0493
ARL 67-0105V				AFCHL 68-0311	
ARL 67-0146V	F19628-67-C-0008			AFCHL 68-0479	F19628-68-C-0062
ARL 67-0174V	AFCHL 67-0024			AFCHL 68-0480	AFCHL 67-0688
ARL 67-1013I	AFCHL 67-0077	F19628-67-C-0122	F19628-67-C-0196		AFCHL 68-0059
ARL 67-1040A	AFCHL 67-0078	AFCHL 68-0150	AFCHL 67-0398		
ARL 67-1042A	AFCHL 67-0363		AFCHL 68-0090		
ARL 67-1063A	AFCHL 67-0364				
ARL 67-1084A	AFCHL 67-0434	F19628-67-C-0124		F19628-67-C-0299	F19628-68-C-0070
ARL 67-1247A	AFCHL 67-0495	AFCHL 68-0304		AFCHL 68-0249	AFCHL 68-0066
ARL 67-1288A	AFCHL 67-0537		F19628-67-C-0210		
ARL 67-1290A	AFCHL 67-0538		AFCHL 67-0473		
ARL 67-1291A	AFCHL 67-0539		AFCHL 67-0474	F19628-67-C-0301	F19628-68-C-0071
ARL 67-1310L	AFCHL 67-0665	F19628-67-C-0125	AFCHL 67-0515	AFCHL 67-0373	AFCHL 68-0349
ARL 67-1317L	AFCHL 67-0666	AFCHL 67-0561	AFCHL 68-0037	AFCHL 67-0560	
ARL 67-1320A	AFCHL 68-0040	AFCHL 68-0274	AFCHL 68-0038	AFCHL 68-0178	
ARL 68-0007T	AFCHL 68-0041	AFCHL 68-0341	AFCHL 68-0226	AFCHL 68-0191	
ARL 68-0121V	AFCHL 68-0159				F19628-68-C-0072
ARL 68-0115V	AFCHL 68-0240				AFCHL 68-0348
ARL 68-0229V	AFCHL 68-0241	F19628-67-C-0126	F19628-67-C-0219	F19628-67-C-0302	
ARL 68-0230V	AFCHL 68-0344	AFCHL 67-0500	AFCHL 67-0486	AFCHL 68-0594	
ARL 68-0231V	AFCHL 68-0470				F19628-68-C-0082
ARL 68-0265V	AFCHL 68-0472	F19628-67-C-0127	F19628-67-C-0221	F19628-67-C-0303	AFCHL 68-0119
ARL 68-0266V	AFCHL 68-0592	AFCHL 67-0618	AFCHL 68-0048	AFCHL 68-0319	AFCHL 68-0366
ARL 68-0269V					AFCHL 68-0464
ARL 68-0250V					
ARL 68-0252V	F19628-67-C-0020	F19628-67-C-0129	F19628-67-C-0227	F19628-67-C-0304	F19628-68-C-0090
ARL 68-0254V	AFCHL 67-0413	AFCHL 67-0149	AFCHL 68-0570	AFCHL 68-0296	AFCHL 68-0122
ARL 68-0302V		AFCHL 67-0657	AFCHL 68-0619	AFCHL 68-0501	AFCHL 68-0102
ARL 68-0303V		AFCHL 68-0155		AFCHL 68-0635	AFCHL 68-0447
ARL 68-0308V	F19628-67-C-0021	AFCHL 68-0183			
ARL 68-0309V	AFCHL 67-0547	AFCHL 68-0184	F19628-67-C-0228		
ARL 68-1051L		AFCHL 68-0705	AFCHL 67-0543	F19628-67-C-0306	F19628-68-C-0002
ARL 68-1052L		AFCHL 68-0407		AFCHL 67-0571	AFCHL 68-0409
ARL 68-1053L	F19628-67-C-0025			AFCHL 68-0200	
ARL 68-1054L	AFCHL 68-0143				
ARL 68-1055L					
ARL 68-1056L					
ARL 68-1057L					
ARL 68-1058L					
ARL 68-1059L					
ARL 68-1060L					
ARL 68-1061L					
ARL 68-1062L					
ARL 68-1063L					
ARL 68-1064L					
ARL 68-1065L					
ARL 68-1066L					
ARL 68-1067L					
ARL 68-1068L					
ARL 68-1069L					
ARL 68-1070L					
ARL 68-1071L					
ARL 68-1072L					
ARL 68-1073L					
ARL 68-1074L					
ARL 68-1075L					
ARL 68-1076L					
ARL 68-1077L					
ARL 68-1078L					
ARL 68-1079L					
ARL 68-1080L					
ARL 68-1081L					
ARL 68-1082L					
ARL 68-1083L					
ARL 68-1084L					
ARL 68-1085L					
ARL 68-1086L					
ARL 68-1087L					
ARL 68-1088L					
ARL 68-1089L					
ARL 68-1090L					
ARL 68-1091L					
ARL 68-1092L					
ARL 68-1093L					
ARL 68-1094L					
ARL 68-1095L					
ARL 68-1096L					
ARL 68-1097L					
ARL 68-1098L					
ARL 68-1099L					
ARL 68-1100L					
ARL 68-1101L					
ARL 68-1102L					
ARL 68-1103L					
ARL 68-1104L					
ARL 68-1105L					
ARL 68-1106L					
ARL 68-1107L					
ARL 68-1108L					
ARL 68-1109L					
ARL 68-1110L					
ARL 68-1111L					
ARL 68-1112L					
ARL 68-1113L					
ARL 68-1114L					
ARL 68-1115L					
ARL 68-1116L					
ARL 68-1117L					
ARL 68-1118L					
ARL 68-1119L					
ARL 68-1120L					
ARL 68-1121L					
ARL 68-1122L					
ARL 68-1123L					
ARL 68-1124L					
ARL 68-1125L					
ARL 68-1126L					
ARL 68-1127L					
ARL 68-1128L					</

[illegible]

F61052-67-C-0002	F61052-67-C-0091	DNA 68-0001
AFCL 68-0213	ARL 68-0342	DNA 68-0002
AFCL 68-0214	ARL 68-0344	
AFCL 68-0215		
AFCL 68-0216		
	F61052-67-C-0082	ORA-7900-01-02
	AFOSH 68-1580	ORA 67-0010
F61052-67-C-0005		
AFOSH 68-1528		
	F61052-67-C-0084	ORA-7910-00-01
	AFOSH 67-2702	ORA 68-0010
F61052-67-C-0010		
AFOSH 67-2001		
AFOSH 67-2722	F61052-67-C-0084	ORA-7910-00-02
	AFCL 68-0260	ORA 68-0005
F61052-67-C-0012		
AFOSH 68-0344		
	F61052-67-C-0097	ORA-7910-00-03
	AFOSH 68-2770	ORA 68-0004
F61052-67-C-0014		
AFOSH 67-0992		
AFOSH 67-1006	F61052-68-C-0023	PRO -00023-67
AFOSH 67-1226	ARL 68-0222	AFCL 68-0031
AFOSH 67-2060		AFCL 68-0212
AFOSH 67-2073		AFCL 68-0375
AFOSH 67-2434	F61052-68-C-0024	
AFOSH 67-2435	AFOSH 68-2317	
AFOSH 68-0140		
AFOSH 68-0226	F61052-68-C-0025	
AFOSH 68-0230	ARL 68-0133U	
AFOSH 68-0740	ARL 68-0134U	
AFOSH 68-1187		
AFOSH 68-1307	F61052-68-C-0043	
AFOSH 68-1323	ARL 68-1070N	
AFOSH 68-1326	ARL 68-1071N	
F61052-67-C-0014		
ARL 68-0110U	F61052-68-C-0050	
ARL 68-1015U	AFOSH 68-2308	
F61052-67-C-0020	ISSA -00007-65	
AFCL 68-0285	AFOSH 67-0881	
	AFOSH 67-1787	
	AFOSH 68-0984	
F61052-67-C-0021	AFOSH 68-1231	
AFOSH 68-0925	AFOSH 68-1245	
F61052-67-C-0025	ISSA -00008-65	
AFOSH 68-0798	AFOSH 67-0553	
	AFOSH 67-0564	
	AFOSH 67-0691	
F61052-67-C-0028	AFOSH 67-2013	
AFOSH 67-2354	AFOSH 67-2014	
AFOSH 68-2687	AFOSH 67-2015	
AFOSH 68-2688	AFOSH 67-2016	
AFOSH 68-2690	AFOSH 67-2017	
AFOSH 68-2692	AFOSH 67-2039	
AFOSH 68-2709	AFOSH 68-1262	
AFOSH 68-2714	AFOSH 68-1293	
AFOSH 68-2718	AFOSH 68-1582	
	AFOSH 68-1716	
F61052-67-C-0033		
ARL 67-0121U	NIPW -0006-65	
ARL 68-0014U	AFOSH 67-2381	
ARL 68-0015U	AFOSH 67-2382	
ARL 68-0047T	AFOSH 67-2383	
ARL 68-0108U	AFOSH 67-2384	
ARL 68-0155W	AFOSH 67-2385	
ARL 68-0189W		
ARL 68-0218U		
	NIPW -0006-66	
F61052-67-C-0039	AFOSH 68-0908	
AFCL 68-0236		
F61052-67-C-0046	NIPR -0009-65	
AFCL 68-0186	AFOSH 67-0177	
	AFOSH 67-2604	
	AFOSH 67-2623	
	AFOSH 67-2626	
F61052-67-C-0048		
AFCL 68-0237	NIPR -0011-67	
	AFOSH 68-2606	
F61052-67-C-0056		
AFCL 68-0315	NIPR -0013-67	
	AFOSH 68-0907	
	AFOSH 68-2707	
F61052-67-C-0066		
AFOSH 68-2698	NIPR -0067-67	
	AFCL 68-0357	
F61052-67-C-0070	AFCL 68-0453	
AFCL 68-0022	AFCL 68-0541	
AFCL 68-0197		
AFCL 68-0201		
AFCL 68-0207		
AFCL 68-0203	ORA-3101-00-41	
AFCL 68-0204	ORA 67-0001	
	ORA 67-0002	
	ORA 67-0003	
	ORA 67-0005	
F61052-67-C-0072	DNA 67-0007	
AFCL 68-0365	ORA 67-0011	

571

AFOSR 67-1776	AFOSR 68-1918	AFCHL 67-0304	AFCHL 68-0099	AFCHL 67-0553	9327
AFOSR 67-1791	AFOSR 68-1919	AFCHL 67-0309	AFCHL 68-0100	AFCHL 67-0566	AFCHL 67-0091
AFOSR 67-1798	AFOSR 68-1920	AFCHL 67-0308	AFCHL 68-0831	AFCHL 67-0602	AFCHL 67-0240
AFOSR 67-1800	AFOSR 68-2032	AFCHL 67-0408	AFCHL 68-0368	AFCHL 67-0606	
AFOSR 67-1801	AFOSR 68-2033	AFCHL 67-0430		AFCHL 67-0610	
AFOSR 67-1802	AFOSR 68-2035	AFCHL 67-0448		AFCHL 67-0614	
AFOSR 67-1809	AFOSR 68-2041	AFCHL 67-0484	9631	AFCHL 67-0618	665
AFOSR 67-1890	AFOSR 68-2043	AFCHL 67-0557	AFCHL 67-0236	AFCHL 67-0627	AFCHL 68-0686
AFOSR 67-1891	AFOSR 68-2049	AFCHL 67-0593	AFCHL 68-0105	AFCHL 67-0628	
AFOSR 67-1918	AFOSR 68-2115	AFCHL 67-0595	AFCHL 68-0318	AFCHL 67-0633	6685
AFOSR 67-1967	AFOSR 68-2116	AFCHL 67-0596	AFCHL 68-0369	AFCHL 67-0638	AFCHL 67-0075
AFOSR 67-2066	AFOSR 68-2117	AFCHL 67-0648		AFCHL 67-0650	AFCHL 67-0348
AFOSR 67-2080	AFOSR 68-2120	AFCHL 67-0651		AFCHL 67-0651	AFCHL 67-0372
AFOSR 67-2081	AFOSR 68-2121	AFCHL 68-0004	9632	AFCHL 67-0652	AFCHL 67-0468
AFOSR 67-2086	AFOSR 68-2122	AFCHL 68-0019	AFCHL 67-0024	AFCHL 67-0653	AFCHL 67-0073
AFOSR 67-2087	AFOSR 68-2123	AFCHL 68-0019	AFCHL 67-0077	AFCHL 67-0654	AFCHL 67-0601
AFOSR 67-2137	AFOSR 68-2133	AFCHL 68-0091	AFCHL 67-0148	AFCHL 67-0657	AFCHL 67-0661
AFOSR 67-2138	AFOSR 68-2226	AFCHL 68-0109	AFCHL 67-0183	AFCHL 67-0658	AFCHL 67-0679
AFOSR 67-2216	AFOSR 68-2251	AFCHL 68-0151	AFCHL 67-0204	AFCHL 67-0671	AFCHL 68-0027
AFOSR 67-2216	AFOSR 68-2278	AFCHL 68-0166	AFCHL 67-0205	AFCHL 67-0681	AFCHL 68-0283
AFOSR 67-2342	AFOSR 68-2290	AFCHL 68-0236	AFCHL 67-0305	AFCHL 67-0690	AFCHL 68-0485
AFOSR 67-2412	AFOSR 68-2382	AFCHL 68-0368	AFCHL 67-0316	AFCHL 67-0691	AFCHL 68-0586
AFOSR 67-2496	AFOSR 68-2345	AFCHL 68-0370	AFCHL 67-0363	AFCHL 68-0027	
AFOSR 67-2497	AFOSR 68-2346	AFCHL 68-0370	AFCHL 67-0366	AFCHL 68-0035	6670
AFOSR 67-2498	AFOSR 68-2347	AFCHL 68-0377	AFCHL 67-0434	AFCHL 68-0036	AFCHL 67-0013
AFOSR 67-2587	AFOSR 68-2349	AFCHL 68-0408	AFCHL 67-0482	AFCHL 68-0040	AFCHL 67-0147
AFOSR 68-0005	AFOSR 68-2380	AFCHL 68-0502	AFCHL 67-0495	AFCHL 68-0044	AFCHL 67-0183
AFOSR 68-0071	AFOSR 68-2351	AFCHL 68-0526	AFCHL 67-0537	AFCHL 68-0049	AFCHL 67-0248
AFOSR 68-0072	AFOSR 68-2402	AFCHL 68-0543	AFCHL 67-0539	AFCHL 68-0052	AFCHL 67-0343
AFOSR 68-0074	AFOSR 68-2412	AFCHL 68-0631	AFCHL 67-0565	AFCHL 68-0079	AFCHL 67-0634
AFOSR 68-0076	AFOSR 68-2561		AFCHL 67-0568	AFCHL 68-0084	AFCHL 67-0676
AFOSR 68-0077	AFOSR 68-2573	9631	AFCHL 67-0619	AFCHL 68-0093	AFCHL 68-0013
AFOSR 68-0078	AFOSR 68-2629	AFCHL 67-0081	AFCHL 67-0619	AFCHL 68-0103	AFCHL 68-0154
AFOSR 68-0079	AFOSR 68-2638	AFCHL 67-0138	AFCHL 67-0655	AFCHL 68-0119	AFCHL 68-0272
AFOSR 68-0081	AFOSR 68-2639	AFCHL 67-0139	AFCHL 67-0656	AFCHL 68-0166	AFCHL 68-0101
AFOSR 68-0082		AFCHL 67-0165	AFCHL 68-0012	AFCHL 68-0198	AFCHL 68-0413
AFOSR 68-0083		AFCHL 67-0222	AFCHL 68-0066	AFCHL 68-0212	AFCHL 68-0475
AFOSR 68-0085	9768	AFCHL 67-0273	AFCHL 68-0090	AFCHL 68-0280	AFCHL 68-0522
AFOSR 68-0086	AFOSR 67-1124	AFCHL 67-0278	AFCHL 68-0091	AFCHL 68-0282	AFCHL 68-0547
AFOSR 68-0087		AFCHL 67-0322	AFCHL 68-0154	AFCHL 68-0287	AFCHL 68-0586
AFOSR 68-0088	4110	AFCHL 67-0362	AFCHL 68-0240	AFCHL 68-0346	
AFOSR 68-0089	AFOSR 67-0524	AFCHL 67-0541	AFCHL 68-0241	AFCHL 68-0347	6672
AFOSR 68-0090		AFCHL 67-0564	AFCHL		

AFOSR 6A-1104	AFOSR 6B-2594	AFOSR 67-0028	AFOSR 6A-1521	AFOSR 6B-2561	AFOSR 67-
AFOSR 6A-1109	AFOSR 6A-2626	AFOSR 67-0990	AFOSR 6A-1524	AFOSR 6A-2604	AFOSR 67-
AFOSR 6A-1114	AFOSR 6A-2628	AFOSR 67-0942	AFOSR 6A-1525	AFOSR 6A-2603	AFOSR 67-
AFOSR 6A-1117	AFOSR 6A-2631	AFOSR 67-0987	AFOSR 6A-1530	AFOSR 6A-2604	AFOSR 67-
AFOSR 6A-1121	AFOSR 6A-2632	AFOSR 67-1030	AFOSR 6A-1531	AFOSR 6A-2605	AFOSR 67-
AFOSR 6A-1122	AFOSR 6A-2633	AFOSR 67-1040	AFOSR 6A-1539	AFOSR 6A-2606	AFOSR 67-
AFOSR 6A-1126	AFOSR 6A-2634	AFOSR 67-1042	AFOSR 6A-1540	AFOSR 6A-2607	AFOSR 67-
AFOSR 6A-1137	AFOSR 6A-2635	AFOSR 67-1112	AFOSR 6A-1541	AFOSR 6A-2608	AFOSR 67-
AFOSR 6A-1142	AFOSR 6A-2636	AFOSR 67-1113	AFOSR 6A-1542	AFOSR 6A-2609	AFOSR 67-
AFOSR 6A-1143	AFOSR 6A-2637	AFOSR 67-1114	AFOSR 6A-1543	AFOSR 6A-2610	AFOSR 67-
AFOSR 6A-1144	AFOSR 6A-2638	AFOSR 67-1115	AFOSR 6A-1544	AFOSR 6A-2611	AFOSR 67-
AFOSR 6A-1145	AFOSR 6A-2639	AFOSR 67-1116	AFOSR 6A-1545	AFOSR 6A-2612	AFOSR 67-
AFOSR 6A-1146	AFOSR 6A-2640	AFOSR 67-1117	AFOSR 6A-1546	AFOSR 6A-2613	AFOSR 67-
AFOSR 6A-1147	AFOSR 6A-2641	AFOSR 67-1118	AFOSR 6A-1547	AFOSR 6A-2614	AFOSR 67-
AFOSR 6A-1148	AFOSR 6A-2642	AFOSR 67-1119	AFOSR 6A-1548	AFOSR 6A-2615	AFOSR 67-
AFOSR 6A-1149	AFOSR 6A-2643	AFOSR 67-1120	AFOSR 6A-1549	AFOSR 6A-2616	AFOSR 67-
AFOSR 6A-1150	AFOSR 6A-2644	AFOSR 67-1121	AFOSR 6A-1550	AFOSR 6A-2617	AFOSR 67-
AFOSR 6A-1151	AFOSR 6A-2645	AFOSR 67-1122	AFOSR 6A-1551	AFOSR 6A-2618	AFOSR 67-
AFOSR 6A-1152	AFOSR 6A-2646	AFOSR 67-1123	AFOSR 6A-1552	AFOSR 6A-2619	AFOSR 67-
AFOSR 6A-1153	AFOSR 6A-2647	AFOSR 67-1124	AFOSR 6A-1553	AFOSR 6A-2620	AFOSR 67-
AFOSR 6A-1154	AFOSR 6A-2648	AFOSR 67-1125	AFOSR 6A-1554	AFOSR 6A-2621	AFOSR 67-
AFOSR 6A-1155	AFOSR 6A-2649	AFOSR 67-1126	AFOSR 6A-1555	AFOSR 6A-2622	AFOSR 67-
AFOSR 6A-1156	AFOSR 6A-2650	AFOSR 67-1127	AFOSR 6A-1556	AFOSR 6A-2623	AFOSR 67-
AFOSR 6A-1157	AFOSR 6A-2651	AFOSR 67-1128	AFOSR 6A-1557	AFOSR 6A-2624	AFOSR 67-
AFOSR 6A-1158	AFOSR 6A-2652	AFOSR 67-1129	AFOSR 6A-1558	AFOSR 6A-2625	AFOSR 67-
AFOSR 6A-1159	AFOSR 6A-2653	AFOSR 67-1130	AFOSR 6A-1559	AFOSR 6A-2626	AFOSR 67-
AFOSR 6A-1160	AFOSR 6A-2654	AFOSR 67-1131	AFOSR 6A-1560	AFOSR 6A-2627	AFOSR 67-
AFOSR 6A-1161	AFOSR 6A-2655	AFOSR 67-1132	AFOSR 6A-1561	AFOSR 6A-2628	AFOSR 67-
AFOSR 6A-1162	AFOSR 6A-2656	AFOSR 67-1133	AFOSR 6A-1562	AFOSR 6A-2629	AFOSR 67-
AFOSR 6A-1163	AFOSR 6A-2657	AFOSR 67-1134	AFOSR 6A-1563	AFOSR 6A-2630	AFOSR 67-
AFOSR 6A-1164	AFOSR 6A-2658	AFOSR 67-1135	AFOSR 6A-1564	AFOSR 6A-2631	AFOSR 67-
AFOSR 6A-1165	AFOSR 6A-2659	AFOSR 67-1136	AFOSR 6A-1565	AFOSR 6A-2632	AFOSR 67-
AFOSR 6A-1166	AFOSR 6A-2660	AFOSR 67-1137	AFOSR 6A-1566	AFOSR 6A-2633	AFOSR 67-
AFOSR 6A-1167	AFOSR 6A-2661	AFOSR 67-1138	AFOSR 6A-1567	AFOSR 6A-2634	AFOSR 67-
AFOSR 6A-1168	AFOSR 6A-2662	AFOSR 67-1139	AFOSR 6A-1568	AFOSR 6A-2635	AFOSR 67-
AFOSR 6A-1169	AFOSR 6A-2663	AFOSR 67-1140	AFOSR 6A-1569	AFOSR 6A-2636	AFOSR 67-
AFOSR 6A-1170	AFOSR 6A-2664	AFOSR 67-1141	AFOSR 6A-1570	AFOSR 6A-2637	AFOSR 67-
AFOSR 6A-1171	AFOSR 6A-2665	AFOSR 67-1142	AFOSR 6A-1571	AFOSR 6A-2638	AFOSR 67-
AFOSR 6A-1172	AFOSR 6A-2666	AFOSR 67-1143	AFOSR 6A-1572	AFOSR 6A-2639	AFOSR 67-
AFOSR 6A-1173	AFOSR 6A-2667	AFOSR 67-1144	AFOSR 6A-1573	AFOSR 6A-2640	AFOSR 67-
AFOSR 6A-1174	AFOSR 6A-2668	AFOSR 67-1145	AFOSR 6A-1574	AFOSR 6A-2641	AFOSR 67-
AFOSR 6A-1175	AFOSR 6A-2669	AFOSR 67-1146	AFOSR 6A-1575	AFOSR 6A-2642	AFOSR 67-
AFOSR 6A-1176	AFOSR 6A-2670	AFOSR 67-1147	AFOSR 6A		

AFCSM 67-1433
AFQSR 67-1434
AFQSR 67-1440
AFCSM 67-1442
AFQSR 67-1445
AFQSR 67-1457
AFQSR 67-1460
AFQSR 67-1461
AFCSM 67-1462
AFQSR 67-1463
AFQSR 67-2055
AFQSR 67-2057
AFQSR 67-2067
AFCSM 67-2175
AFQSR 67-2234
AFQSR 67-2255
AFQSR 67-2310
AFQSR 67-2311
AFQSR 67-2368
AFQSR 67-2390
AFCSM 67-2442
AFQSR 67-2447
AFQSR 67-2452
AFQSR 67-2453
AFQSR 67-2464
AFQSR 67-2507
AFQSR 67-2508
AFQSR 67-2511
AFQSR 67-2563
AFQSR 67-2594
AFQSR 67-2767
AFQSR 67-2794
AFQSR 67-2836
AFQSR 67-2837
AFQSR 67-2838
AFQSR 67-2839
AFQSR 68-0001
AFQSR 68-0032
AFQSR 68-0065
AFQSR 68-0096
AFQSR 68-0103
AFQSR 68-0106
AFQSR 68-0109
AFQSR 68-0153
AFQSR 68-0221
AFQSR 68-0238
AFQSR 68-0239
AFQSR 68-0241
AFQSR 68-0242
AFCSM 68-0267
AFQSR 68-0347
AFCSM 68-0350
AFQSR 68-0371
AFQSR 68-0382
AFQSR 68-0384
AFQSR 68-0458
AFQSR 68-0468
AFQSR 68-0469
AFQSR 68-0471
AFQSR 68-0476
AFCSM 68-0478
AFQSR 68-0489
AFQSR 68-0516
AFQSR 68-0577
AFQSR 68-0628
AFQSR 68-0629
AFQSR 68-0640
AFQSR 68-0647
AFQSR 68-0670
AFQSR 68-0750
AFQSR 68-0753
AFQSR 68-0770
AFQSR 68-0826
AFQSR 68-0827
AFQSR 68-0841
AFQSR 68-0891
AFQSR 68-0956
AFQSR 68-0993
AFQSR 68-1085
AFQSR 68-1162
AFQSR 68-1194
AFQSR 68-1232
AFQSR 68-1234
AFQSR 68-1332
AFQSR 68-1367
AFQSR 68-1550
AFQSR 68-1552
AFQSR 68-1602
AFQSR 68-1618
AFQSR 68-1735
AFQSR 68-1736
AFQSR 68-1769
AFQSR 68-1773
AFQSR 68-1787
AFQSR 68-1860
AFQSR 68-1892
AFQSR 68-1934
AFQSR 68-1936
AFQSR 68-1944
AFQSR 68-1959
AFQSR 68-1996
AFQSR 68-2224
AFQSR 68-2241
AFQSR 68-2255
AFQSR 68-2289
AFQSR 68-2290
AFQSR 68-2352
AFQSR 68-2353

AFOSH 66-2354
AFOSH 66-2410
AFOSH 66-2418
AFOSH 66-2419
AFOSH 66-2453
AFOSH 66-2658
AFOSH 66-2672
AFOSH 66-2820

9460
AFATL 67-0015

9783

AFOSH 67-0067
AFOSH 67-0137
AFOSH 67-0138
AFOSH 67-0287
AFOSH 67-0288
AFOSH 67-0308
AFOSH 67-0339
AFOSH 67-0395
AFOSH 67-0414
AFOSH 67-0469
AFOSH 67-0476
AFOSH 67-0567
AFOSH 67-0691
AFOSH 67-0692
AFOSH 67-0697
AFOSH 67-0705
AFOSH 67-0805
AFOSH 67-0834
AFOSH 67-0895
AFOSH 67-0939
AFOSH 67-0994
AFOSH 67-1000
AFOSH 67-1047
AFOSH 67-1216
AFOSH 67-1258
AFOSH 67-1260
AFOSH 67-1888
AFOSH 67-1897
AFOSH 67-1903
AFOSH 67-1906
AFOSH 67-1907
AFOSH 67-1911
AFOSH 67-1912
AFOSH 67-1913
AFOSH 67-1914
AFOSH 67-1915
AFOSH 67-1916
AFOSH 67-1930
AFOSH 67-1935
AFOSH 67-1936
AFOSH 67-2044
AFOSH 67-2052
AFOSH 67-2058
AFOSH 67-2059
AFOSH 67-2167
AFOSH 67-2240
AFOSH 67-2264
AFOSH 67-2383
AFOSH 67-2431
AFOSH 67-2682
AFOSH 68-0230
AFOSH 68-0310
AFOSH 68-0459
AFOSH 68-0460
AFOSH 68-0462
AFOSH 68-0464
AFOSH 68-0490
AFOSH 68-0571
AFOSH 68-0742
AFOSH 68-0744
AFOSH 68-0749
AFOSH 68-0757
AFOSH 68-0837
AFOSH 68-0845
AFOSH 68-0846
AFOSH 68-0848
AFOSH 68-0860
AFOSH 68-0864
AFOSH 68-0893
AFOSH 68-1106
AFOSH 68-1225
AFOSH 68-1230
AFOSH 68-1237
AFOSH 68-1492
AFOSH 68-1941
AFOSH 68-2024
AFOSH 68-2100
AFOSH 68-2125
AFOSH 68-2128
AFOSH 68-2219
AFOSH 68-2220
AFOSH 68-2223
AFOSH 68-2248
AFOSH 68-2315
AFOSH 68-2354
AFOSH 68-2355
AFOSH 68-2403
AFOSH 68-2423
AFOSH 68-2551
AFOSH 68-2553
AFOSH 68-2581
AFOSH 68-2640
AFOSH 68-2840

9787

AFOSH 68-1070

SECTION VI. AD-NUMBER INDEX

- AFATL 67-0015	- AFOSH 67-1992	- ARL 67-10051	- ARL 67-1104A
- AFATL 67-0119	- AFUSH 67-2000	- ARL 67-10061	- ARL 67-1106A
- AFCHL 67-0071	- AFUSH 67-2080	- ARL 67-10071	- ARL 67-1107A
- AFCHL 67-0083	- AFUSH 67-2084	- ARL 67-10081	- ARL 67-1108A
- AFCHL 67-0073	- AFUSH 67-2094	- ARL 67-10091	- ARL 67-1109A
- AFCHL 67-0074	- AFUSH 67-2111	- ARL 67-1010J	- ARL 67-1110A
- AFCHL 67-0080	- AFUSH 67-2451	- ARL 67-1011J	- ARL 67-1111A
- AFCHL 67-0082	- AFUSH 67-2453	- ARL 67-1012J	- ARL 67-1112A
- AFCHL 67-0096	- AFUSH 67-2457	- ARL 67-10131	- ARL 67-1113A
- AFCHL 67-0097	- AFUSH 67-2458	- ARL 67-10141	- ARL 67-1114A
- AFCHL 67-0099	- AFUSH 67-2472	- ARL 67-10151	- ARL 67-1115A
- AFCHL 67-0106	- AFUSH 67-2474	- ARL 67-10161	- ARL 67-1116A
- AFCHL 67-0107	- AFUSH 67-2478	- ARL 67-1017J	- ARL 67-1117A
- AFCHL 67-0119	- AFUSH 67-2480	- ARL 67-1018A	- ARL 67-1118A
- AFCHL 67-0120	- AFUSH 67-2486	- ARL 67-1019A	- ARL 67-1119A
- AFCHL 67-0136	- AFUSH 67-2487	- ARL 67-1020A	- ARL 67-1120A
- AFCHL 67-0141	- AFUSH 67-2488	- ARL 67-1021A	- ARL 67-1121A
- AFCHL 67-0174	- AFUSH 67-2493	- ARL 67-1022A	- ARL 67-1122A
- AFCHL 67-0208	- AFUSH 67-2496	- ARL 67-1023A	- ARL 67-1123A
- AFCHL 67-0221	- AFUSH 67-2503	- ARL 67-1024A	- ARL 67-1124A
- AFCHL 67-0275	- AFUSH 67-2505	- ARL 67-1027A	- ARL 67-1125A
- AFCHL 67-0280	- AFUSH 67-2507	- ARL 67-1028A	- ARL 67-1126A
- AFCHL 67-0330	- AFUSH 67-2508	- ARL 67-1029A	- ARL 67-1127A
- AFCHL 67-0415	- AFUSH 67-2522	- ARL 67-1030A	- ARL 67-1128A
- AFCHL 67-0440	- AFUSH 67-2523	- ARL 67-1031A	- ARL 67-1129A
- AFCHL 67-0445	- AFUSH 67-2524	- ARL 67-1032A	- ARL 67-1130A
- AFCHL 67-0486	- AFUSH 67-2536	- ARL 67-1033A	- ARL 67-1131A
- AFCHL 67-0480	- AFUSH 67-2603	- ARL 67-1034A	- ARL 67-1132A
- AFCHL 67-0526	- AFUSH 67-2705	- ARL 67-1036A	- ARL 67-1133A
- AFCHL 67-0575	- AFUSH 67-2706	- ARL 67-1037A	- ARL 67-1134A
- AFCHL 67-0576	- AFUSH 67-2794	- ARL 67-1038A	- ARL 67-1135A
- AFCHL 67-0577	- AFUSH 67-2845	- ARL 67-1039A	- ARL 67-1136A
- AFCHL 67-0581	- AFUSH 67-	- ARL 67-1040A	- ARL 67-1137A
- AFCHL 67-0636	- AFUSH 68-0526	- ARL 67-1041A	- ARL 67-1138A
- AFCHL 67-0682	- AFUSH 68-0544	- ARL 67-1042A	- ARL 67-1139A
- AFCHL 68-0020	- AFUSH 68-1196	- ARL 67-1043A	- ARL 67-1140J
- AFCHL 68-0025	- AFUSH 68-1478	- ARL 67-1044A	- ARL 67-1141J
- AFOSH 67-	- AFUSH 68-1619	- ARL 67-1045A	- ARL 67-1143J
- AFOSH 67-0003	- AFUSH 68-1683	- ARL 67-1046A	- ARL 67-1144J
- AFOSH 67-0124	- AFUSH 68-1764	- ARL 67-1047A	- ARL 67-1145J
- AFOSH 67-0232	- AFUSH 68-2418	- ARL 67-1048A	- ARL 67-1146J
- AFOSH 67-0249	- ARL 67-0005U	- ARL 67-1049A	- ARL 67-1147A
- AFOSH 67-0301	- ARL 67-0032V	- ARL 67-1050A	- ARL 67-1148A
- AFOSH 67-0303	- ARL 67-0036W	- ARL 67-1051L	- ARL 67-1149A
- AFOSH 67-0391	- ARL 67-0044	- ARL 67-1052A	- ARL 67-1150A
- AFOSH 67-0459	- ARL 67-0051T	- ARL 67-1053L	- ARL 67-1151A
- AFOSH 67-0470	- ARL 67-0067T	- ARL 67-1054A	- ARL 67-1152A
- AFOSH 67-0471	- ARL 67-0070U	- ARL 67-1055L	- ARL 67-1153A
- AFOSH 67-0474	- ARL 67-0118V	- ARL 67-1056L	- ARL 67-1154A
- AFOSH 67-0629	- ARL 67-0125T	- ARL 67-1057A	- ARL 67-1155A
- AFOSH 67-0633	- ARL 67-0126V	- ARL 67-1058L	- ARL 67-1156A
- AFOSH 67-0680	- ARL 67-0136T	- ARL 67-1059C	- ARL 67-1157A
- AFOSH 67-0809	- ARL 67-0157U	- ARL 67-1061C	- ARL 67-1158A
- AFOSH 67-0705	- ARL 67-0166T	- ARL 67-1062A	- ARL 67-1159A
- AFOSH 67-0747	- ARL 67-0173V	- ARL 67-1063L	- ARL 67-1160A
- AFOSH 67-0770	- ARL 67-0184T	- ARL 67-1064A	- ARL 67-1161A
- AFOSH 67-0775	- ARL 67-0190V	- ARL 67-1065L	- ARL 67-1162A
- AFOSH 67-0788	- ARL 67-0204V	- ARL 67-1066A	- ARL 67-1163A
- AFOSH 67-0818	- ARL 67-0209W	- ARL 67-1067L	- ARL 67-1164A
- AFOSH 67-0837	- ARL 67-0211U	- ARL 67-1068A	- ARL 67-1165A
- AFOSH 67-0842	- ARL 67-0237W	- ARL 67-1069A	- ARL 67-1166A
- AFOSH 67-0846	- ARL 67-0238W	- ARL 67-1070A	- ARL 67-1167A
- AFOSH 67-0850	- ARL 67-0239W	- ARL 67-1071A	- ARL 67-1168A
- AFOSH 67-0860	- ARL 67-0240W	- ARL 67-1072A	- ARL 67-1169A
- AFOSH 67-0877	- ARL 67-0241V	- ARL 67-1073A	- ARL 67-1170A
- AFOSH 67-0894	- ARL 67-0243V	- ARL 67-1074B	- ARL 67-1171A
- AFOSH 67-0892	- ARL 67-0244W	- ARL 67-1075A	- ARL 67-1172A
- AFOSH 67-0923	- ARL 67-0245W	- ARL 67-1076A	- ARL 67-1173A
- AFOSH 67-0940	- ARL 67-0246W	- ARL 67-1077A	- ARL 67-1174A
- AFOSH 67-0952	- ARL 67-0248V	- ARL 67-1078A	- ARL 67-1175A
- AFOSH 67-0996	- ARL 67-0249W	- ARL 67-1079A	- ARL 67-1176A
- AFOSH 67-1000	- ARL 67-0250W	- ARL 67-1080A	- ARL 67-1177A
- AFOSH 67-1047	- ARL 67-0251V	- ARL 67-1081A	- ARL 67-1178A
- AFOSH 67-1066	- ARL 67-0252W	- ARL 67-1082A	- ARL 67-1179A
- AFOSH 67-1115	- ARL 67-0253W	- ARL 67-1083A	- ARL 67-1180A
- AFOSH 67-1142	- ARL 67-0254V	- ARL 67-1084A	- ARL 67-1181A
- AFOSH 67-1158	- ARL 67-0255W	- ARL 67-1085A	- ARL 67-1182A
- AFOSH 67-1196	- ARL 67-0256W	- ARL 67-1086A	- ARL 67-1183A
- AFOSH 67-1248	- ARL 67-0257W	- ARL 67-1087A	- ARL 67-1184A
- AFOSH 67-1365	- ARL 67-0258W	- ARL 67-1088A	- ARL 67-1185A
- AFOSH 67-1440	- ARL 67-0259W	- ARL 67-1089B	- ARL 67-1186A
- AFOSH 67-1511	- ARL 67-0260W	- ARL 67-1090B	- ARL 67-1187A
- AFOSH 67-1534	- ARL 67-0261W	- ARL 67-1091B	- ARL 67-1188A
- AFOSH 67-1538	- ARL 67-0262W	- ARL 67-1092B	- ARL 67-1189A
- AFOSH 67-1595	- ARL 67-0263W	- ARL 67-1093B	- ARL 67-1190A
- AFOSH 67-1700	- ARL 67-0264W	- ARL 67-1094B	- ARL 67-1191P
- AFOSH 67-1728	- ARL 67-0267T	- ARL 67-1095B	- ARL 67-1192D
- AFOSH 67-1747	- ARL 67-0268W	- ARL 67-1096B	- ARL 67-1193D
- AFOSH 67-1764	- ARL 67-0269V	- ARL 67-1097A	- ARL 67-1194A
- AFOSH 67-1766	- ARL 67-0270V	- ARL 67-1098A	- ARL 67-1195A
- AFOSH 67-1819	- ARL 67-1000L	- ARL 67-1099A	- ARL 67-1196A
- AFOSH 67-1850	- ARL 67-1001L	- ARL 67-1100A	- ARL 67-1197A
- AFOSH 67-1897	- ARL 67-1002L	- ARL 67-1101A	- ARL 67-1198A
- AFOSH 67-1967	- ARL 67-1003L	- ARL 67-1102A	- ARL 67-1199A
- AFOSH 67-1971	- ARL 67-1004L	- ARL 67-1103A	- ARL 67-1200A

587

AD647300 - AFCL 67-0031	AD647669 - AFOSR 67-0550	AD648225 - AFOSR 67-0148	AD649107 - AFOSR 67-0421
AD647313 - AFOSR 67-0430	AD647670 - AFOSR 67-0554	AD648236 - AFCL 67-0062	AD649126 - AFCL 67-0090
AD647314 - AFOSR 67-0432	AD647671 - AFOSR 67-0577	AD648240 - AFCL 67-0083	AD649136 - AFOSR 67-0724
AD647318 - AFOSR 67-0440	AD647672 - AFOSR 67-0508	AD648243 - AFCL 67-0110	AD649138 - AFOSR 67-0725
AD647320 - AFOSR 67-0442	AD647673 - AFOSR 67-0598	AD648246 - AFCL 67-0111	AD649141 - AFOSR 67-0726
AD647313 - AFCL 67-0087	AD647674 - AFOSR 67-0509	AD648250 - AFOSR 67-0416	AD649142 - AFOSR 67-0727
AD647334 - AFCL 67-0085	AD647675 - AFOSR 67-0601	AD648252 - AFOSR 67-0690	AD649143 - AFOSR 67-0730
AD647342 - AFOSR 67-0458	AD647676 - AFOSR 67-0562	AD648255 - AFOSR 67-0467	AD649144 - AFOSR 67-0731
AD647346 - AFOSR 67-0439	AD647677 - AFOSR 67-0561	AD648256 - AFOSR 67-0463	AD649146 - AFOSR 67-0734
AD647346 - AFOSR 67-0443	AD647678 - AFOSR 67-0551	AD648258 - AFOSR 67-0481	AD649147 - AFOSR 67-0735
AD647347 - AFOSR 67-0474	AD647679 - AFOSR 67-0552	AD648260 - AFOSR 67-0489	AD649149 - AFOSR 67-0733
AD647348 - AFOSR 67-0388	AD647680 - AFOSR 67-0567	AD648261 - AFOSR 67-0635	AD649150 - AFOSR 67-0736
AD647349 - AFOSR 67-0428	AD647681 - AFOSR 67-0599	AD648262 - AFCL 67-0084	AD649152 - AFOSR 67-0737
AD647370 - AFOSR 67-0462	AD647682 - AFOSR 67-0590	AD648266 - AFOSR 67-0688	AD649154 - AFOSR 67-0749
AD647372 - AFOSR 67-0490	AD647683 - AFCL 67-0087	AD648267 - AFOSR 67-0703	AD649155 - AFOSR 67-0750
AD647374 - AFOSR 67-0475	AD647684 - AFOSR 67-0588	AD648269 - AFOSR 67-0464	AD649156 - AFOSR 67-0751
AD647375 - AFOSR 67-0429	AD647686 - AFOSR 67-0578	AD648272 - AFOSR 67-0451	AD649158 - AFOSR 67-0757
AD647377 - AFOSR 67-0371	AD647690 - AFCL 67-0050	AD648273 - AFOSR 67-0452	AD649161 - AFCL 67-0148
AD647378 - AFOSR 67-0433	AD647692 - AFOSR 67-0583	AD648274 - AFOSR 67-0483	AD649162 - AFOSR 67-0709
AD647379 - AFOSR 67-0427	AD647696 - AFOSR 67-0596	AD648276 - AFOSR 67-0486	AD649163 - AFOSR 67-0713
AD647380 - AFOSR 67-0460	AD647698 - AFOSR 67-0570	AD648278 - AFOSR 67-0496	AD649170 - AFCL 67-0084
AD647381 - AFOSR 67-0438	AD647700 - AFOSR 67-0582	AD648279 - AFOSR 67-0572	AD649181 - AFCL 67-0012
AD647382 - AFOSR 67-0466	AD647702 - AFOSR 67-0569	AD648282 - AFOSR 67-0573	AD649182 - AFCL 67-0039
AD647386 - AFOSR 67-0361	AD647703 - AFOSR 67-0594	AD648285 - AFCL 67-0036	AD649208 - AFOSR 67-0752
AD647389 - AFOSR 67-0480	AD647704 - AFOSR 67-0606	AD648458 - AFCL 67-0049	AD649211 - AFOSR 67-0999
AD647391 - AFOSR 67-0414	AD647705 - AFCL 67-0092	AD648463 - AFCL 67-0043	AD649249 - AFOSR 67-0704
AD647392 - AFOSR 67-0520	AD647707 - AFOSR 67-0523	AD648513 - AFOSR 67-0628	AD649241 - AFCL 67-0070
AD647397 - AFOSR 67-0511	AD647708 - AFOSR 67-0095	AD648518 - AFOSR 67-0627	AD649266 - AFCL 67-0027
AD647400 - AFOSR 67-0406	AD647748 - ARL 67-0006U	AD648520 - AFOSR 67-0676	AD649297 - AFOSR 67-0732
AD647401 - AFOSR 67-0531	AD647754 - AFOSR 67-0580	AD648522 - AFOSR 67-0643	AD649298 - AFOSR 67-0715
AD647404 - AFCL 67-0030	AD647755 - AFOSR 67-0581	AD648523 - AFOSR 67-0625	AD649300 - AFOSR 67-0759
AD647411 - AFOSR 67-0425	AD647756 - AFOSR 67-0574	AD648524 - AFOSR 67-0624	AD649308 - AFOSR 67-0722
AD647416 - AFOSR 67-0529	AD647757 - AFOSR 67-0576	AD648526 - AFOSR 67-0623	AD649317 - AFCL 67-0100
AD647420 - AFOSR 67-0410	AD647758 - AFOSR 67-0579	AD648530 - AFOSR 67-0674	AD649314 - AFCL 67-0046
AD647421 - AFOSR 67-0522	AD647773 - AFCL 67-0066	AD648532 - AFOSR 67-0697	AD649383 - AFOSR 67-0565
AD647429 - AFOSR 67-0478	AD647776 - AFCL 67-0093	AD648534 - AFOSR 67-0702	AD649386 - AFOSR 67-0805
AD647438 - AFOSR 67-0396	AD647796 - AFOSR 67-0547	AD648535 - AFOSR 67-0693	AD649395 - AFCL 67-0020
AD647431 - AFOSR 67-0477	AD647800 - AFOSR 67-0525	AD648545 - AFOSR 67-0655	AD649396 - AFCL 67-0040
AD647435 - AFOSR 67-0472	AD647818 - AFOSR 67-0610	AD648549 - AFOSR 67-0654	AD649397 - AFCL 67-0044
AD647436 - AFOSR 67-0362	AD647819 - AFOSR 67-0615	AD648550 - AFOSR 67-0455	AD649401 - AFOSR 67-0811
AD647437 - AFOSR 67-0437	AD647835 - AFOSR 67-0611	AD648551 - AFOSR 67-0463	AD649485 - AFCL 67-0159
AD647438 - AFOSR 67-0435	AD647845 - AFCL 67-0063	AD648556 - AFOSR 67-0465	AD649505 - AFCL 67-0059
AD647439 - AFOSR 67-0436	AD647852 - AFOSR 67-0507	AD648564 - AFOSR 67-0465	AD649582 - AFOSR 67-0769
AD647440 - AFOSR 67-0376	AD647854 - AFOSR 67-0494	AD648565 - AFOSR 67-0454	AD649587 - AFOSR 67-0774
AD647441 - AFOSR 67-0434	AD647855 - AFOSR 67-0533	AD648566 - AFOSR 67-0641	AD649589 - AFOSR 67-0778
AD647442 - AFOSR 67-0498	AD647856 - AFCL 67-0037	AD648567 - AFOSR 67-0456	AD649591 - AFOSR 67-0760
AD647443 - AFOSR 67-0445	AD647858 - AFOSR 67-0539	AD648568 - AFOSR 67-0454	AD649592 - AFOSR 67-0781
AD647444 - AFOSR 67-0378	AD647859 - AFOSR 67-0504	AD648569 - AFOSR 67-0450	AD649595 - AFOSR 67-0784
AD647445 - AFOSR 67-0379	AD647860 - AFOSR 67-0538	AD648570 - AFOSR 67-0632	AD649596 - ARL 67-0003T
AD647446 - AFOSR 67-0395	AD647861 - AFOSR 67-0534	AD648571 - AFOSR 67-0647	AD649599 - AFOSR 67-0760
AD647447 - AFOSR 67-0419	AD647862 - AFOSR 67-0537	AD648588 - AFCL 67-0056	AD649601 - AFOSR 67-0761
AD647448 - AFOSR 67-0356	AD647863 - AFOSR 67-0532	AD648602 - AFOSR 67-0650	AD649602 - AFOSR 67-0762
AD647449 - AFOSR 67-0479	AD647864 - AFOSR 67-0492	AD648650 - AFOSR 67-0753	AD649605 - AFOSR 67-0763
AD647450 - AFOSR 67-0380	AD647865 - AFOSR 67-0571	AD648651 - AFOSR 67-0684	AD649607 - AFOSR 67-0764
AD647451 - AFOSR 67-0385	AD647866 - AFOSR 67-0540	AD648654 - AFOSR 67-0669	AD649608 - AFOSR 67-0765
AD647452 - AFOSR 67-0366	AD647867 - AFOSR 67-0541	AD648655 - AFOSR 67-0636	AD649610 - AFOSR 67-0766
AD647453 - AFOSR 67-0476	AD647868 - AFOSR 67-0493	AD648656 - AFOSR 67-0682	AD649614 - AFOSR 67-0767
AD647454 - AFOSR 67-0359	AD647869 - AFOSR 67-0374	AD648657 - AFOSR 67-0706	AD649618 - ARL 67-0004U
AD647455 - AFOSR 67-0453	AD647873 - AFOSR 67-0502	AD648658 - AFOSR 67-0707	AD649613 - AFOSR 67-0555
AD647456 - AFOSR 67-0377	AD647874 - AFOSR 67-0508	AD648663 - AFOSR 67-0672	AD649684 - AFCL 67-0167
AD647457 - AFOSR 67-0467	AD647875 - AFOSR 67-0497	AD648664 - AFOSR 67-0612	AD649685 - AFCL 67-0117
AD647463 - AFCL 67-0013	AD647876 - AFOSR 67-0496	AD648665 - AFOSR 67-0637	AD649737 - AFOSR 67-0600
AD647467 - AFOSR 67-0530	AD647877 - AFOSR 67-0543	AD648666 - AFOSR 67-0521	AD649739 - AFOSR 67-0604
AD647476 - AFCL 67-0047	AD647878 - AFOSR 67-0544	AD648667 - AFOSR 67-0337	AD649740 - AFOSR 67-0772
AD647485 - AFOSR 67-0386	AD647880 - AFOSR 67-0545	AD648668 - AFOSR 67-0704	AD649741 - AFOSR 67-0792
AD647487 - AFOSR 67-0318	AD647881 - AFOSR 67-0546	AD648674 - AFOSR 67-0691	AD649743 - AFOSR 67-0768
AD647488 - AFOSR 67-0469	AD647885 - AFOSR 67-0677	AD648678 - AFOSR 67-0700	AD649761 - ARL 67-0002U
AD647489 - AFOSR 67-0471	AD647886 - AFOSR 67-0678	AD648679 - AFOSR 67-0686	AD649779 - AFCL 67-0015
AD647491 - AFCL 67-0059	AD647890 - AFOSR 67-0609	AD648681 - AFOSR 67-0649	AD649803 - AFOSR 67-0803
AD647499 - AFOSR 67-0482	AD647897 - AFOSR 67-0651	AD648682 - AFOSR 67-0653	AD649804 - AFOSR 67-0773
AD647500 - AFCL 67-0060	AD647899 - AFOSR 67-0620	AD648684 - AFOSR 67-0671	AD649805 - AFCL 67-0104
AD647502 - AFCL 67-0094	AD647900 - AFOSR 67-0621	AD648685 - AFOSR 67-0694	AD649806 - AFOSR 67-0129
AD647506 - AFOSR 67-0510	AD647901 - AFOSR 67-0622	AD648686 - AFOSR 67-0698	AD649807 - AFCL 67-0028
AD647508 - AFOSR 67-0586	AD647902 - AFOSR 67-0605	AD648689 - AFOSR 67-0659	AD649814 - AFOSR 67-0767
AD647509 - AFOSR 67-0359	AD647906 - AFOSR 67-0631	AD648691 - AFOSR 67-0659	AD649816 - AFOSR 67-0802
AD647510 - AFOSR 67-0370	AD647911 - AFOSR 67-0630	AD648697 - AFCL 67-0111	AD649817 - AFOSR 67-0793
AD647515 - AFOSR 67-0495	AD647912 - AFOSR 67-0632	AD648698 - AFCL 67-0003	AD649848 - AFOSR 67-0794
AD647517 - AFOSR 67-0473	AD647914 - AFOSR 67-0614	AD648699 - AFOSR 67-0689	AD649851 - AFCL 67-0119
AD647520 - AFOSR 67-0600	AD647922 - AFOSR 67-0559	AD648697 - AFOSR 67-0558	AD649867 - AFOSR 67-0067
AD647521 - AFOSR 67-0602	AD647953 - AFOSR 67-0663	AD648698 - AFOSR 67-0079	AD649868 - ARL 67-0121U
AD647522 - AFOSR 67-0603	AD647958 - AFOSR 67-0656	AD648697 - AFOSR 67-0676	AD649870 - AFOSR 67-0844
AD647523 - AFOSR 67-0604	AD647990 - AFOSR 67-0548	AD648691 - AFOSR 67-0691	AD649871 - AFCL 67-0065
AD647524 - AFOSR 67-0668	AD647992 - AFOSR 67-0535	AD648692 - AFOSR 67-0692	AD649872 - AFCL 67-0113
AD647534 - AFOSR 67-0365	AD647994 - AFOSR 67-0569	AD648693 - AFOSR 67-0503	AD649877 - AFCL 67-0126
AD647535 - AFCL 67-0037	AD647995 - AFOSR 67-0562	AD648699 - AFOSR 67-0335	AD649878 - AFOSR 67-0883
AD647581 - AFOSR 67-0585	AD647996 - AFOSR 67-0644	AD648698 - AFOSR 67-0754	AD649930 - AFOSR 67-0796
AD647590 - AFOSR 67-0595	AD647997 - AFOSR 67-0556	AD648699 - AFOSR 67-0741	AD649934 - AFOSR 67-0836
AD647599 - AFCL 67-0004	AD647998 - AFOSR 67-0499	AD648692 - AFOSR 67-0723	AD649940 - AFOSR 67-0839
AD647600 - AFCL 67-0061	AD647999 - AFOSR 67-0447	AD648694 - AFOSR 67-0740	AD649943 - AFOSR 67-1434
AD647626 - AFOSR 67-0372		AD648695 - AFOSR 67-0658	AD649956 - AFOSR 67-0810
AD647627 - AFOSR 67-0592	AD648079 - AFCL 67-0061	AD648699 - AFOSR 67-0742	AD649957 - AFOSR 67-0795
AD647628 - AFOSR 67-0873	AD648080 - AFCL 67-0108	AD648702 - AFOSR 67-0662	AD649958 - AFOSR 67-0799
AD647629 - AFOSR 67-0597	AD648081 - AFCL 67-0111	AD648703 - AFOSR 67-0745	AD649959 - AFOSR 67-0777
AD647630 - AFOSR 67-0736	AD648087 - AFOSR 67-2436	AD648707 - AFOSR 67-0746	AD649960 - AFOSR 67-0782
AD647631 - AFOSR 67-0505	AD648164 - AFCL 67-0072	AD648708 - AFOSR 67-0748	AD649961 - AFOSR 67-0783
AD647632 - AFOSR 67-0537	AD648165 - AFOSR 67-0034	AD648710 - AFOSR 67-0729	AD649962 - AFOSR 67-0786
AD647633 - AFOSR 67-0553	AD648174 - AFOSR 67-0446	AD648711 - AFOSR 67-0701	AD649965 - ARL 67-0029U
AD647634 - AFOSR 67-0563	AD648175 - AFOSR 67-0457	AD648714 - AFOSR 67-0693	AD649979 - AFCL 67-0076
AD647635 - AFOSR 67-0491	AD648174 - AFOSR 67-0642	AD648715 - AFOSR 67-0668	AD649986 - AFOSR 67-0848
AD647636 - AFOSR 67-0550	AD648183 - AFOSR 67-0665	AD648716 - AFCL 67-0029	AD649990 - AFOSR 67-0840
AD647637 - AFOSR 67-0591	AD648205 - AFOSR 67-0646	AD648717 - AFOSR 67-0660	
AD647638 - AFOSR 67-0373	AD648207 - AFOSR 67-0688	AD648726 - AFOSR 67-0003	AD650006 - AFOSR 67-0847
AD647640 - AFOSR 67-0589	AD648210 - AFOSR 67-0626	AD648728 - AFOSR 67-0401	AD650009 - AFOSR 67-0813
AD647641 - AFOSR 67-0375	AD648212 - AFOSR 67-0367	AD648729 - AFOSR 67-0714	AD650010 - AFOSR 67-0825
AD647652 - AFOSR 67-0645	AD648213 - AFOSR 67-0444	AD648737 - AFOSR 67-0717	AD650011 - AFOSR 67-0824
AD647664 - AFOSR 67-0701	AD648218 - AFOSR 67-1494	AD648738 - AFOSR 67-0656	AD650015 - AFOSR 67-0849
AD647665 - AFOSR 67-0500	AD648220 - AFOSR 67-0673	AD648746 - AFCL 67-0022	AD650017 - AFOSR 67-0838
AD647666 - AFOSR 67-0549	AD648221 - AFOSR 67-0644	AD648777 - AFOSR 67-0758	AD650020 - AFOSR 67-0814

AD653206 - AHL 67-0050U
AD653210 - AFCL 67-0051
AD653211 - AFCL 67-0105
AD653212 - AFCL 67-0310
AD653213 - AFCL 67-0052
AD653215 - AFOSR 67-1282
AD653216 - AFOSR 67-1216
AD653217 - AFOSR 67-1218
AD653218 - AFOSR 67-0106
AD653219 - AFOSR 67-2000
AD653224 - AFOSR 67-1167
AD653226 - AFOSR 67-0331
AD653238 - AFOSR 67-1198
AD653240 - AFOSR 67-1642
AD653252 - AFOSR 67-1261
AD653254 - AFOSR 67-1284
AD653255 - AFOSR 67-1276
AD653256 - AFOSR 67-1279
AD653257 - AFOSR 67-1277
AD653259 - AFOSR 67-1283
AD653279 - AFOSR 67-1676
AD653281 - AFOSR 67-1269
AD653283 - AFOSR 67-1249
AD653286 - AFOSR 67-1260
AD653297 - AFOSR 67-1273
AD653299 - AFOSR 67-1221
AD653300 - AFOSR 67-1222
AD653301 - AFOSR 67-1251
AD653303 - AFOSR 67-1253
AD653304 - AFOSR 67-1224
AD653305 - AFOSR 67-1255
AD653306 - AFOSR 67-1256
AD653307 - AFOSR 67-1218
AD653308 - AFOSR 67-1271
AD653309 - AFOSR 67-1241
AD653310 - AFOSR 67-1274
AD653315 - AFOSR 67-1242
AD653316 - AFOSR 67-1240
AD653317 - AFOSR 67-1264
AD653318 - AFOSR 67-1265
AD653319 - AFOSR 67-1254
AD653320 - AFOSR 67-1243
AD653321 - AFOSR 67-1244
AD653322 - AFOSR 67-1281
AD653323 - AFOSR 67-1282
AD653324 - AFOSR 67-1252
AD653325 - AFOSR 67-1256
AD653326 - AFOSR 67-1259
AD653327 - AFOSR 67-1260
AD653329 - AFOSR 67-1226
AD653332 - AFOSR 67-1225
AD653335 - AFOSR 67-1285
AD653336 - AFOSR 67-1257
AD653337 - AFOSR 67-1236
AD653338 - AFOSR 67-1234
AD653339 - AFOSR 67-1263
AD653339 - AFOSR 67-1245
AD653373 - AFOSR 67-1233
AD653375 - AFOSR 67-1231
AD653378 - AFOSR 67-1275
AD653379 - AFOSR 67-1262
AD653381 - AFOSR 67-1232
AD653382 - AFOSR 67-1239
AD653383 - AFOSR 67-1278
AD653384 - AFOSR 67-1248
AD653386 - AFOSR 67-1235
AD653389 - AFOSR 67-1270
AD653401 - ARL 67-0041V
AD653403 - ARL 67-0212V
AD653419 - AFOSR 67-1299
AD653421 - AFOSR 67-1310
AD653424 - AFOSR 67-1332
AD653425 - AFOSR 67-1340
AD653426 - AFOSR 67-1300
AD653427 - AFOSR 67-1301
AD653428 - AFOSR 67-1305
AD653429 - AFOSR 67-1312
AD653431 - AFOSR 67-1311
AD653433 - AFOSR 67-1308
AD653435 - AFOSR 67-1297
AD653436 - AFOSR 67-1309
AD653439 - AFOSR 67-1303
AD653473 - AFOSR 67-1351
AD653476 - AFOSR 67-0202
AD653477 - AFOSR 67-1296
AD653478 - AFOSR 67-1341
AD653481 - AFOSR 67-1294
AD653484 - AFOSR 67-1307
AD653485 - AFOSR 67-1306
AD653486 - AFOSR 67-1293
AD653489 - AFOSR 67-1333
AD653491 - AFOSR 67-1295
AD653492 - AFOSR 67-1291
AD653494 - AFOSR 67-1322
AD653495 - AFOSR 67-1287
AD653496 - AFOSR 67-1342
AD653497 - AFOSR 67-1343
AD653501 - AFOSR 67-1289
AD653502 - AFOSR 67-1292
AD653548 - AHL 67-0020U
AD653573 - AFCL 67-0209
AD653575 - AHL 67-0023U
AD653578 - AHL 67-0047U
AD653579 - AFCL 67-0212
AD653580 - AFCL 67-0213
AD653581 - ARL 67-0053U
AD653582 - AFCL 67-0122
AD653586 - ARL 67-0052U

AD653587 - AFOSR 67-1288
AD653589 - ARL 67-0055U
AD653592 - AHL 67-0071U
AD653593 - AHL 67-0059U
AD653594 - AFOSR 67-1286
AD653595 - ARL 67-0102U
AD653601 - AFCL 67-0219
AD653603 - AFOSR 67-0976
AD653607 - AFCL 67-0281
AD653610 - AFCL 67-0199
AD653611 - AFOSR 67-1290
AD653613 - AFOSR 67-1337
AD653614 - AFOSR 67-1313
AD653639 - AFCL 67-0328
AD653641 - AFOSR 67-1208
AD653648 - AFCL 67-0174
AD653649 - AFCL 67-0193
AD653652 - AHL 67-0026V
AD653654 - ARL 67-0031V
AD653655 - ARL 67-0040V
AD653658 - ARL 67-0073V
AD653659 - AHL 67-0076V
AD653660 - AHL 67-0080V
AD653661 - ARL 67-0083V
AD653662 - ARL 67-0084V
AD653663 - ARL 67-0085V
AD653664 - ARL 67-0090V
AD653666 - AHL 67-0092V
AD653667 - AHL 67-0097V
AD653679 - AFOSR 67-1318
AD653680 - AFOSR 67-1316
AD653681 - AFOSR 67-0661
AD653682 - AFOSR 67-1117
AD653683 - AFOSR 67-1302
AD653684 - AFOSR 67-1319
AD653688 - AFOSR 67-1314
AD653699 - AFOSR 67-1321
AD653700 - AFOSR 67-1317
AD653701 - ARL 67-0027V
AD653702 - AFOSR 67-1324
AD653703 - ARL 67-0034V
AD653704 - ARL 67-0066V
AD653705 - ARL 67-0070V
AD653707 - AFOSR 67-1123
AD653708 - AFOSR 67-1139
AD653709 - AFOSR 67-1131
AD653731 - AFOSR 67-1334
AD653735 - AFOSR 67-1335
AD653743 - AFOSR 67-1315
AD653753 - AFOSR 67-2850
AD653757 - AFCL 67-0207
AD653800 - AFOSR 67-1362
AD653801 - AFOSR 67-1371
AD653802 - AFOSR 67-1363
AD653803 - AFOSR 67-1361
AD653807 - AFOSR 67-1372
AD653809 - AFOSR 67-1381
AD653810 - AFOSR 67-1380
AD653811 - AFOSR 67-1379
AD653812 - AFOSR 67-1377
AD653813 - AFOSR 67-1376
AD653814 - AFOSR 67-1388
AD653815 - AFOSR 67-1382
AD653816 - AFOSR 67-1383
AD653817 - AFOSR 67-1393
AD653819 - AFOSR 67-1388
AD653820 - AFOSR 67-1390
AD653821 - AFOSR 67-1365
AD653822 - AFOSR 67-1391
AD653823 - AFOSR 67-1375
AD653824 - AFOSR 67-1374
AD653825 - AFOSR 67-1387
AD653826 - AFOSR 67-1378
AD653827 - AFOSR 67-1394
AD653828 - AFOSR 67-1373
AD653829 - AFOSR 67-1377
AD653830 - AFOSR 67-1386
AD653831 - AFOSR 67-1392
AD653832 - AFOSR 67-1366
AD653833 - AFOSR 67-1358
AD653834 - AFOSR 67-1364
AD653845 - AFOSR 67-1355
AD653896 - ARL 67-0038V
AD653898 - ARL 67-0024V
AD653899 - ARL 67-0025V
AD653900 - AHL 67-0028V
AD653902 - ARL 67-0087V
AD653923 - AFOSR 67-1411
AD653944 - AFOSR 67-1400
AD653905 - AFOSR 67-1404
AD653906 - AFOSR 67-1408
AD653907 - AFOSR 67-1369
AD653908 - AFOSR 67-1349
AD653909 - AFOSR 67-1350
AD653910 - AFOSR 67-1352
AD653911 - AFOSR 67-1356
AD653912 - AFOSR 67-1360
AD653913 - AFOSR 67-1353
AD653914 - AFOSR 67-1359
AD653915 - AFOSR 67-1409
AD653916 - AFOSR 67-1403
AD653919 - AFOSR 67-1357
AD653921 - AFOSR 67-1345
AD653929 - AFOSR 67-1444
AD653950 - AFCL 67-0284
AD653960 - ARL 67-0054V
AD653973 - AHL 67-0011
AD653975 - AFOSR 67-1272

AD653977 - AFOSR 67-1402
AD653979 - AFOSR 67-1370
AD653981 - ARL 67-0122U
AD653982 - AFOSR 67-1344
AD653983 - AFCL 67-0337
AD653985 - AHL 67-0112U
AD653988 - AFOSR 67-1387
AD653989 - AFCL 67-0119
AD653992 - AFCL 67-0295
AD653993 - AFCL 67-0314
AD653994 - AFCL 67-0299
AD653995 - AFCL 67-0300
AD653997 - AFCL 67-0220
AD653999 - AFOSR 67-1412
AD654003 - AFCL 67-0265
AD654005 - AFCL 67-0288
AD654006 - AHL 67-0012
AD654007 - AFCL 67-0267
AD654008 - AFCL 67-0109
AD654009 - AFCL 67-0292
AD654012 - AFCL 67-0180
AD654013 - AHL 67-0096
AD654014 - ARL 67-0323
AD654015 - AFCL 67-0323
AD654019 - AFOSR 67-1308
AD654021 - AFOSR 67-1348
AD654023 - AFOSR 67-1410
AD654024 - AFOSR 67-1347
AD654025 - AFOSR 67-1406
AD654026 - AFOSR 67-1405
AD654073 - AFCL 67-0286
AD654074 - AFCL 67-0287
AD654075 - AFOSR 67-1418
AD654116 - AFOSR 67-1416
AD654120 - AFOSR 67-1415
AD654121 - AFOSR 67-1423
AD654127 - AFOSR 67-1437
AD654228 - AFOSR 67-1449
AD654229 - AFOSR 67-1448
AD654230 - AFOSR 67-1428
AD654231 - AFOSR 67-1417
AD654232 - AFOSR 67-1450
AD654233 - AFOSR 67-1420
AD654234 - AFOSR 67-1435
AD654235 - AFOSR 67-1450
AD654236 - AFOSR 67-1466
AD654238 - AFOSR 67-1447
AD654239 - AFOSR 67-1474
AD654240 - AFOSR 67-1444
AD654241 - AFOSR 67-1467
AD654244 - AFOSR 67-1426
AD654247 - AFOSR 67-1419
AD654248 - AFOSR 67-1482
AD654249 - AFOSR 67-1483
AD654250 - AFOSR 67-1421
AD654251 - AFOSR 67-1443
AD654252 - AFOSR 67-1468
AD654253 - AFOSR 67-1442
AD654254 - AFOSR 67-1430
AD654255 - AFOSR 67-1436
AD654256 - AFOSR 67-1451
AD654257 - AFOSR 67-1460
AD654258 - AFOSR 67-1476
AD654259 - AFOSR 67-1445
AD654261 - AFOSR 67-1429
AD654262 - AFOSR 67-1431
AD654263 - AFOSR 67-1432
AD654265 - AFOSR 67-1433
AD654267 - AFCL 67-0115
AD654273 - AHL 67-0220U
AD654275 - AFCL 67-0289
AD654278 - AFOSR 67-1427
AD654298 - AFCL 67-0222
AD654300 - AFCL 67-0252
AD654301 - AFCL 67-0309
AD654304 - AFCL 67-0312
AD654305 - AFCL 67-0271
AD654306 - AFCL 67-0184
AD654309 - AFCL 67-0279
AD654310 - AFOSR 67-1413
AD654315 - AFOSR 67-1254
AD654318 - AFCL 67-0350
AD654319 - AFCL 67-0357
AD654326 - AFOSR 67-1414
AD654328 - AFOSR 67-1424
AD654329 - AFCL 67-0359
AD654330 - AFCL 67-0356
AD654468 - AFOSR 67-1401
AD654486 - AFOSR 67-1180
AD654586 - AFCL 67-0326
AD654587 - AFCL 67-0327
AD654592 - AFOSR 67-1495
AD654596 - AFCL 67-0281
AD654600 - AFOSR 67-1514
AD654601 - AFOSR 67-1516
AD654602 - AFOSR 67-1510
AD654603 - AFOSR 67-1498
AD654604 - AFOSR 67-1515
AD654605 - AFOSR 67-1503
AD654613 - AFOSR 67-1504
AD654614 - AFOSR 67-1491
AD654615 - AFOSR 67-1493
AD654616 - AFOSR 67-1497
AD654617 - AFOSR 67-1506
AD654618 - AFOSR 67-0576
AD654619 - AFOSR 67-1499
AD654620 - AFOSR 67-1517

AD654626 - AHL 67-0005
AD654629 - AFOSR 67-1522
AD654631 - AFOSR 67-1116
AD654632 - AFOSR 67-1487
AD654633 - AFOSR 67-1485
AD654661 - AFOSR 67-2481
AD654673 - AFCL 67-0176
AD654674 - AFCL 67-0177
AD654675 - AFCL 67-0178
AD654676 - AFCL 67-0179
AD654690 - AFCL 67-0235
AD654681 - AFCL 67-0204
AD654682 - AFCL 67-0206
AD654683 - AFCL 67-0227
AD654686 - AFCL 67-0131
AD654687 - AFCL 67-0144
AD654688 - AFCL 67-0161
AD654690 - AFCL 67-0301
AD654692 - AFCL 67-0317
AD654693 - AFCL 67-0257
AD654694 - AFCL 67-0361
AD654697 - AFOSR 67-1336
AD654698 - AFOSR 67-1484
AD654710 - AFOSR 67-1521
AD654713 - AFCL 67-0362
AD654734 - AFOSR 67-1488
AD654736 - AFOSR 67-1465
AD654739 - AFOSR 67-1959
AD654740 - AFOSR 67-2074
AD654746 - AFCL 67-0275
AD654753 - AFOSR 67-1472
AD654754 - AFOSR 67-1524
AD654755 - AFOSR 67-1525
AD654756 - AFOSR 67-1530
AD654757 - AFOSR 67-1532
AD654758 - AFOSR 67-1537
AD654759 - AFOSR 67-1458
AD654760 - AFOSR 67-1463
AD654820 - AFOSR 67-1464
AD654824 - AFOSR 67-1477
AD654825 - AFOSR 67-1456
AD654826 - AFOSR 67-1528
AD654827 - AFOSR 67-1479
AD654828 - AFOSR 67-1469
AD654829 - AFOSR 67-1453
AD654830 - AFOSR 67-1505
AD654831 - AFOSR 67-1513
AD654832 - AFOSR 67-1480
AD654833 - AFOSR 67-1481
AD654849 - AFOSR 67-1471
AD654861 - AFOSR 67-1526
AD654862 - AFOSR 67-1527
AD654864 - AFOSR 67-1470
AD654865 - AFOSR 67-1462
AD654867 - AFOSR 67-1500
AD654869 - AFOSR 67-1529
AD654870 - AFOSR 67-1531
AD654880 - AFOSR 67-1473
AD654938 - AFOSR 67-1536
AD654942 - AFOSR 67-2085
AD654943 - AFOSR 67-1476
AD654944 - AFOSR 67-1492
AD654946 - AFOSR 67-1539
AD654958 - AFOSR 67-1454
AD654960 - AFOSR 67-1455
AD654961 - AFOSR 67-1461
AD654962 - AFOSR 67-1490
AD655022 - AFOSR 67-1564
AD655023 - AFOSR 67-1565
AD655024 - AFOSR 67-1567
AD655025 - AFOSR 67-1570
AD655026 - AFOSR 67-1566
AD655027 - AFOSR 67-1568
AD655058 - AFCL 67-0344
AD655059 - AFCL 67-0205
AD655076 - AFOSR 67-1118
AD655079 - AFCL 67-0258
AD655080 - AFCL 67-1230
AD655084 - AFCL 67-0255
AD655085 - AFCL 67-0256
AD655086 - AFOSR 67-1520
AD655090 - AFOSR 67-1546
AD655091 - AFCL 67-0236
AD655097 - AFCL 67-0293
AD655099 - AFCL 67-0162
AD655108 - AFCL 67-1494
AD655117 - AFOSR 67-1489
AD655128 - AFOSR 67-1548
AD655135 - AFCL 67-0114
AD655136 - AFOSR 67-1501
AD655139 - AFOSR 67-1552
AD655145 - AFOSR 67-1519
AD655146 - AFOSR 67-1541
AD655165 - AFOSR 67-1560
AD655166 - AFOSR 67-1537
AD655190 - AFOSR 67-1906
AD655191 - AFOSR 67-1907
AD655195 - AFOSR 67-1911
AD655213 - AFOSR 67-1585
AD655214 - AFOSR 67-1586
AD655215 - AFOSR 67-1587
AD655216 - AFOSR 67-1574
AD655217 - AFOSR 67-1572
AD655218 - AFOSR 67-1575
AD655219 - AFOSR 67-1573
AD655220 - AFOSR 67-1558
AD655221 - AFOSR 67-1557

A0578790	-AFNSR	67-2042
A0578791	-AFOSW	67-2072
A0578902	-AFCSR	67-2076
A0578905	-AFUSR	67-2052
A0578997	-AFOSR	67-2053
A0578998	-AFOSR	67-2067
A0579000	-AFOSR	67-2054
A0579001	-AFUSM	67-2063
A0579002	-AFOSM	67-2061
A0579003	-AFOSR	67-2071
A0579004	-AFOSF	67-2064
A0579005	-AFOSK	67-2056
A0579111	-AFOSM	67-2057
A0579114	-AFOSR	67-2059
A0579115	-AFOSR	67-2060
A0579116	-AFOSR	67-2075
A0579119	-AFOSM	67-2065
A0583420	-AFOSR	67-2061
A0658004	-AFOSR	67-2022
A0658006	-AFCLR	67-0466
A0658007	-AFCLR	67-0367
A0658018	-AFOSM	67-1766
A0658020	-AFCLR	67-0307
A0658022	-SML	67-0033
A0658026	-ACL	67-0123U
A0658030	-AFCLR	67-0436
A0658030	-AFCLR	67-0406
A0659035	-AFOSR	68-1817
A0659040	-AFCLR	67-0425
A0659042	-AFOSM	67-2045
A0659044	-AFOSM	67-2068
A0659045	-AFOSM	67-2077
A0659047	-AFOSM	67-2077
A0659049	-AFOSR	67-1535
A0659090	-AFOSM	67-2049
A0659091	-AFOSM	67-2062
A0659092	-ACL	67-0062U
A0659093	-AFOSM	67-1747
A0659094	-AFOSM	67-0115U
A0659095	-AFOSR	67-2050
A0659096	-AFCLR	67-0298
A0659194	-AFCLR	67-0196
A0659196	-AFOSM	67-0483
A0659198	-AFOSR	67-1664
A0659205	-AFOSR	67-2070
A0659206	-AFCLR	67-0447
A0659209	-AFOSR	67-2044
A0659218	-AFOSR	67-2109
A0659238	-AFUSM	67-2041
A0659240	-AFOSM	67-2041
A0659241	-AFOSM	67-2113
A0659242	-AFOSR	67-2110
A0659245	-AFOSM	67-2088
A0659246	-AFOSM	67-2061
A0659247	-AFOSR	67-2087
A0659248	-AFOSM	67-2066
A0659252	-AFOSM	67-2120
A0659253	-AFOSR	67-2078
A0659254	-AFOSM	67-2082
A0659255	-AFOSR	67-2130
A0659256	-AFOSR	67-2122
A0659257	-AFOSM	67-2092
A0659258	-AFOSR	67-2095
A0659259	-AFOSR	67-2084
A0659260	-AFOSM	67-2119
A0659261	-AFOSR	67-2098
A0659262	-AFOSM	67-2098
A0659263	-AFOSR	67-2099
A0659265	-AFOSM	67-2093
A0659266	-AFOSM	67-2118
A0659267	-AFOSM	67-2121
A0659268	-AFOSM	67-2083
A0659270	-AFOSR	67-2104
A0659271	-AFOSR	67-2108
A0659272	-AFOSR	67-2131
A0659273	-AFOSM	67-2079
A0659274	-AFOSM	67-2090
A0659275	-AFOSM	67-2097
A0659276	-AFOSM	67-2094
A0659277	-AFOSM	67-2124
A0659279	-AFOSM	67-2112
A0659280	-AFOSR	67-2139
A0659281	-AFOSR	67-2135
A0659282	-AFOSM	67-2131
A0659284	-AFCLR	67-0386
A0659297	-AFOSM	67-2102
A0659298	-AFOSR	67-2101
A0659305	-AFOSR	67-2114
A0659341	-AFCLR	67-0347
A0659349	-AFCLR	67-0341
A0659350	-AFOSM	67-2127
A0659351	-AFOSR	67-2158
A0659352	-AFOSM	67-2164
A0659353	-AFOSM	67-2165
A0659354	-AFOSM	67-2156
A0659355	-AFOSM	67-2163
A0659356	-AFOSM	67-2152
A0659357	-AFOSM	67-2160
A0659358	-AFOSM	67-2147
A0659359	-AFOSM	67-2143
A0659360	-AFOSM	67-2146
A0659361	-AFOSM	67-2146
A0659362	-AFOSR	67-2146
A0659363	-AFOSM	67-2153
A0659364	-AFOSM	67-2155
A0659365	-AFOSM	67-2148

A0859139	-	AFCL	67-0168
A0859154	-	AFSL	67-0133U
A0859155	-	AML	67-0138U
A0859186	-	AFQSR	67-2807
A0859188	-	AFQRL	67-0467
AF659160	-	AFQSR	67-0044
A0859168	-	AFQRL	67-0401
A0859169	-	AFQSR	67-1571
A0859209	-	AFQSR	67-2868
A0859212	-	AFQSR	67-2726
A0859213	-	AFQSR	67-2825
A0859214	-	AFQSR	67-2828
A0859215	-	AFQSR	67-2867
A0859216	-	AFQSR	67-2872
A0859217	-	AFQSR	67-2874
A0859218	-	AFQSR	67-2897
A0859219	-	AFQSR	67-2375
A0859220	-	AFQSR	67-2829
A0859221	-	AFQSR	67-2883
A0859222	-	AFQSR	67-2826
A0859223	-	AFQSR	67-2863
A0859224	-	AFQSR	67-2881
A0859225	-	AFQSR	67-2877
A0859226	-	AFQSR	67-2865
A0859227	-	AFQSR	67-2876
A0859228	-	AFQSR	67-2826
A0859229	-	AFQSR	67-2371
A0859230	-	AFQSR	67-2270
A0859231	-	AFQSR	67-2273
A0859232	-	AFQSR	67-2884
A0859233	-	AFQSR	67-2831
A0859234	-	AFQSR	67-2887
A0859235	-	AFQSR	67-2892
A0859237	-	AFQSR	67-2880
A0859238	-	AFQSR	67-2864
A0859241	-	AFQSR	67-2379
A0859253	-	AFQRL	67-2312
A0859258	-	AFQSR	67-0492
A0859262	-	AFQSR	67-2258
A0859265	-	AFQSR	67-2339
A0859266	-	AFQSR	67-2241
A0859267	-	AFQSR	67-2227
A0859268	-	AFQSR	67-2257
A0859269	-	AFQSR	67-2228
A0859270	-	AFQSR	67-2229
A0859271	-	AFQSR	67-2259
A0859275	-	AFQSR	67-2261
A0859369	-	AFQSR	67-2310
A0859369	-	AFQSR	67-2311
A0859370	-	AFQRL	67-0163U
A0859370	-	AFQSR	67-1831U
A0859380	-	AFQRL	67-050A
A0859382	-	AFQRL	67-0325
A0859420	-	AFQSR	67-2286
A0859421	-	AFQRL	67-0112
A0859439	-	AFQSR	67-2307
A0859440	-	AFQSR	67-2037
A0859441	-	AFQSR	67-1542
A0859445	-	AFQSR	67-2325
A0859446	-	AFQSR	67-2246
A0859451	-	AFQRL	67-0522
A0859463	-	AFQSR	67-2253
A0859466	-	AFQRL	67-0509
A0859466	-	AFQSR	67-2300
A0859467	-	AFQSR	67-2262
A0859468	-	AFQSR	67-2365
A0859469	-	AFQSR	67-2366
A0859491	-	AFQSR	67-1982
A0859492	-	AFQSR	67-2289
A0859517	-	AFQSR	67-2343
A0859518	-	AFQSR	67-2350
A0859519	-	AFQSR	67-2349
A0859524	-	AFQSR	67-2249
A0859526	-	AFQSR	67-2250
A0859527	-	AFQSR	67-2311
A0859530	-	AFQSR	67-2316
A0859531	-	AFQSR	67-2318
A0859532	-	AFQSR	67-2319
A0859535	-	AFQSR	67-2317
A0859536	-	AFQSR	67-2243
A0859537	-	AFQSR	67-2386
A0859538	-	AFQSR	67-2334
A0859544	-	AFQSR	67-2324
A0859544	-	AFQSR	67-2325
A0859549	-	AFQSR	67-2277
A0859549	-	AFQSR	67-2282
A0859549	-	AFQSR	67-2287
A0859549	-	AFQSR	67-2314
A0859564	-	AFQSR	67-2348
A0859571	-	AFQSR	67-2245
A0859578	-	AFQSR	67-2345
A0859578	-	AFQSR	67-2326
A0859582	-	AFQSR	67-2328
A0859588	-	AFQSR	67-2380
A0859587	-	AFQSR	67-2332
A0859591	-	AFQSR	67-2323
A0859600	-	AFQSR	67-2351
A0859604			

A0662705	- AFICPL 67-0525	A0662594	- AFOSR 67-2399	A0663109	- AFUSM 68-0011	A0663974	- AFOSM 68-0152
A0662701	- AFICM 67-0558	A0662595	- AFISM 67-2741	A0663110	- AFUSR 68-0019	A0663975	- AFOSM 68-0131
A06627015	- AFOSR 67-2355	A0662596	- AFOSM 67-2742	A0663117	- AFOSM 68-0015	A0663976	- AFOSM 68-0135
A06627017	- AFICM 67-2355	A0662597	- AFICM 67-0305	A0663118	- AFOSR 68-0000	A0663977	- AFOSM 68-0138
A0662706	- AFICM 67-2355	A0662601	- AFICM 67-0152	A0663120	- AFOSR 68-0012	A0663978	- AFOSR 68-0136
A0662710	- AFICM 67-0117	A0662602	- AFICM 67-0485	A0663122	- AFOSR 68-0028	A0663979	- AFOSR 68-0134
A0662717	- AFICM 67-2702	A0662607	- AFICM 67-2781	A0663123	- AFOSR 68-0029	A0663980	- AFOSR 68-0134
A0662720	- AFICM 67-0567	A0662610	- AFOSM 67-2741	A0663124	- AFOSM 68-0010	A0663981	- AFOSR 68-0137
A0662721	- AFICM 67-2692	A0662611	- AFOSM 67-2749	A0663125	- AFOSM 68-0010	A0663982	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662618	- AFOSM 67-2700	A0663126	- AFOSM 68-0010	A0663983	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662619	- AFOSM 67-2700	A0663127	- AFOSM 68-0010	A0663984	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662620	- AFOSM 67-2700	A0663128	- AFOSM 68-0010	A0663985	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662621	- AFOSM 67-2700	A0663129	- AFOSM 68-0010	A0663986	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662622	- AFOSM 67-2700	A0663130	- AFOSM 68-0010	A0663987	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662623	- AFOSM 67-2700	A0663131	- AFOSM 68-0010	A0663988	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662624	- AFOSM 67-2700	A0663132	- AFOSM 68-0010	A0663989	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662625	- AFOSM 67-2700	A0663133	- AFOSM 68-0010	A0663990	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662626	- AFOSM 67-2700	A0663134	- AFOSM 68-0010	A0663991	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662627	- AFOSM 67-2700	A0663135	- AFOSM 68-0010	A0663992	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662628	- AFOSM 67-2700	A0663136	- AFOSM 68-0010	A0663993	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662629	- AFOSM 67-2700	A0663137	- AFOSM 68-0010	A0663994	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662630	- AFOSM 67-2700	A0663138	- AFOSM 68-0010	A0663995	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662631	- AFOSM 67-2700	A0663139	- AFOSM 68-0010	A0663996	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662632	- AFOSM 67-2700	A0663140	- AFOSM 68-0010	A0663997	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662633	- AFOSM 67-2700	A0663141	- AFOSM 68-0010	A0663998	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662634	- AFOSM 67-2700	A0663142	- AFOSM 68-0010	A0663999	- AFOSR 68-0116
A06627213	- AFICM 67-2692	A0662635	- AFOSM 67-2700	A0663143	- AFOSM 68-0010	A0664000	- AFOSM 68-0116
A06627213	- AFICM 67-2692	A0662636	- AFOSM 67-2700	A0663144	- AFOSM 68-0010	A0664001	- AFOSM 68-0116
A06627213	- AFICM 67-2692	A0662637	- AFOSM 67-2700	A0663145	- AFOSM 68-0010	A0664002	- AFOSM 68-0116
A06627213	- AFICM 67-2692	A0662638	- AFOSM 67-2700	A0663146	- AFOSM 68-0010	A0664003	- AFOSM 68-0116
A06627213	- AFICM 67-2692	A0662639	- AFOSM 67-2700	A0663147	- AFOSM 68-0010	A0664004	- AFOSM 68-0116
A06627213	- AFICM 67-2692	A0662640	- AFOSM 67-2700	A0663148	- AFOSM 68-0010	A0664005	- AFOSM 68-0116
A06627213	- AFICM 67-2692	A0662641	- AFOSM 67-2700	A0663149	- AFOSM 68-0010	A0664006	- AFOSM 68-0116
A06627213	- AFICM 67-2692	A0662642	- AFOSM 67-2700	A0663150	- AFOSM 68-0010	A0664007	- AFOSM 68-0116
A06627213	- AFICM 67-2692	A0662643	- AFOSM 67-2700	A0663151	- AFOSM 68-0010</		

AD6652226	- AFOSH	68-0270
AD6652227	- AFOSH	68-0276
AD6652228	- AFOSH	68-0272
AD6652229	- AFOSH	68-0271
AD6652230	- AFOSH	68-0301
AD6652240	- AFOSH	68-0313
AD6652241	- AFOSH	68-0314
AD6652244	- AFOSH	68-0316
AD6652246	- AFOSH	68-0303
AD6652249	- AFOSH	68-0284
AD6652250	- AFOSH	68-0269
AD6652251	- AFOSH	68-0275
AD6652252	- AFOSH	68-0274
AD6652253	- AFOSH	68-0304
AD6652254	- AFOSH	68-0273
AD6652255	- AFOSH	68-0283
AD6652256	- AFOSH	68-0308
AD6652260	- AFOSH	68-0282
AD6652263	- AFOSH	68-0315
AD6652266	- AFL	67-0323
AD6652267	- AFOSH	68-0297
AD6652269	- AFOSH	68-0208
AD6652270	- AFOSH	68-0311
AD6652271	- AFOSH	68-0312
AD6652272	- AFOSH	68-0299
AD6652273	- AFOSH	68-0300
AD6652274	- AFOSH	68-0365
AD6652279	- AFOSH	68-0343
AD6652285	- AFOSH	67-0680
AD6652286	- AFOSH	68-0373
AD6652287	- AFOSH	68-0322
AD6652291	- AFOSH	68-0336
AD6652292	- AFOSH	68-0325
AD6652294	- AFOSH	67-0651
AD6652295	- AFOSH	68-0327
AD6652296	- AFOSH	68-0324
AD6652297	- AFOSH	68-0321
AD6652298	- AFOSH	67-0512
AD6652299	- AFL	67-0231 V
AD6652300	- AFL	67-0213 V
AD6652301	- AFL	67-0230
AD6652304	- AFL	67-0225 V
AD6652309	- AFOSH	68-0330
AD6652310	- AFOSH	68-0337
AD6652315	- AFOSH	68-0332
AD6652316	- AFOSH	68-0334
AD6652318	- AFL	67-0221 U
AD6652319	- AFOSH	68-0326
AD6652320	- AFL	67-0222 U
AD6652321	- AFOSH	68-0328
AD6652322	- AFOSH	67-0266
AD6652323	- AFOSH	68-0333
AD6652324	- AFOSH	68-0338
AD6652328	- AFL	67-0139 V
AD6652329	- AFOSH	68-0340
AD6652330	- AFOSH	68-0329
AD6652331	- AFOSH	68-0339
AD6652332	- AFOSH	68-0321 V
AD6652333	- AFL	67-0226 V
AD6652339	- AFOSH	68-0268
AD6652340	- AFOSH	68-0350
AD6652341	- AFOSH	68-0350
AD6652342	- AFOSH	68-0360
AD6652343	- AFOSH	68-0357
AD6652344	- AFOSH	68-0359
AD6652345	- AFOSH	68-0363
AD6652346	- AFOSH	68-0369
AD6652347	- AFOSH	68-0335
AD6652350	- AFOSH	68-0351
AD6652351	- AFL	67-0214 V
AD6652352	- AFOSH	68-0361
AD6652353	- AFOSH	68-0362
AD6652357	- AFOSH	68-0350
AD6652358	- AFOSH	68-0379
AD6652359	- AFOSH	68-0374
AD6652360	- AFOSH	68-0377
AD6652361	- AFOSH	68-0378
AD6652362	- AFOSH	68-0375
AD6652364	- AFOSH	68-0368
AD6652368	- AFOSH	68-0349
AD6652369	- AFOSH	68-0352
AD6652370	- AFOSH	68-0366
AD6652371	- AFOSH	68-0364
AD6652372	- AFOSH	68-0367
AD6652373	- AFOSH	68-0365
AD6652374	- AFL	67-0291 V
AD6652375	- AFOSH	67-0290 V
AD6652376	- AFOSH	68-0372
AD6652377	- AFL	67-0272 V
AD6652378	- AFL	67-0273 V
AD6652379	- AFL	67-0276 V
AD6652380	- AFL	67-0297 V
AD6652381	- AFOSH	67-0672 V
AD6652382	- AFOSH	67-0674
AD6652383	- AFOSH	67-0674

A0665959	- AF CRL	67-0503
A0659560	- AF CRL	67-0897
A0659561	- AF CRL	67-0486
A0659563	- ARL	67-02237
A0659564	- AFOSR	66-0370
A0659565	- AFOSR	67-2787
A0659566	- AFOSM	66-0346
A0659568	- AFOSR	66-0371
A0659569	- ARL	67-0236U
A0659570	- ARL	67-0224
A0659572	- AFOSR	67-0327
A0659574	- AFOSR	66-0307
A0659575	- AF CML	66-0067
A0659576	- AFOSR	66-0342
A0659578	- AF CML	66-0004
A0659580	- AF CRL	67-0623
A0659583	- AF CRL	67-0546
A0659584	- AF CRL	67-0497
A0659587	- AF CRL	67-0613
A0659590	- AF CRL	66-0050
A0659595	- ARL	67-0251U
A0659597	- AF CRL	67-0646
A0659592	- ARL	67-0299W
A0659594	- AFOSM	66-0418
A0659595	- AFOSM	66-0405
A0659596	- AFOSR	66-0396
A0659597	- AFOSR	66-0397
A0659598	- AFOSR	66-0398
A0659599	- AFUSM	66-0399
A0659602	- AF CRL	67-0634
A0659604	- AFOSR	66-0403
A0659644	- AFOSM	66-0402
A0659645	- AFOSR	66-0416
A0659646	- AFOSR	66-0401
A0659647	- AFOSR	66-0407
A0659648	- AFOSR	66-0413
A0659649	- AFOSM	66-0414
A0659650	- AFOSM	66-0409
A0659653	- AFOSM	66-0411
A0659658	- AFOSR	66-0387
A0659690	- AFOSR	66-0386
A0659692	- AFOSR	66-0388
A0659693	- AFOSR	66-0389
A0659695	- AFOSR	66-0356
A0659697	- AFOSM	66-0376
A0659698	- AFOSR	66-0391
A0659699	- AFOSR	66-0390
A0660000	- AFOSR	66-0306
A0660002	- AFOSR	66-0385
A0660004	- AF CRL	66-0008
A0660021	- AF CRL	67-0659
A0660025	- AF CRL	66-0022
A0660026	- AF CRL	66-0073
A0660027	- AF CRL	66-0075
A0660028	- AF CRL	66-0074
A0660029	- AF CRL	66-0076
A0660031	- AF CRL	67-0594
A0660033	- AFOSR	66-0264
A0660032	- AF CRL	67-0638
A0660034	- AF CRL	67-0625
A0660040	- AF CRL	66-0019
A0660042	- AFOSR	66-0392
A0660043	- AFOSR	66-0066
A0660045	- ARL	67-0102
A0660047	- ARL	66-0200U
A0660048	- AFOSR	66-0194
A0660052	- AF CRL	67-0626
A0660055	- AF CRL	67-0583
A0660065	- AF CRL	66-0055
A0660069	- AF CRL	66-0007
A0660074	- AFOSR	66-0449
A0660075	- ARL	67-0277U
A0660088	- AFOSM	66-0395
A0660089	- AFOSR	66-0446
A0660091	- AFOSR	66-0437
A0660092	- AF CRL	66-0026
A0660159	- AFOSR	66-0438
A0660160	- AFOSR	66-0439
A0660162	- AFOSR	66-0440
A0660164	- AFOSR	66-0441
A0660165	- AFOSR	66-0442
A0660168	- AFOSR	66-0433
A0660170	- AFOSR	66-0432
A0660171	- AFOSR	67-0205U
A0660172	- AFOSR	66-0430
A0660175	- AFOSR	66-0431
A0660240	- AFOSM	66-0435
A0660244	- AFOSR	66-0429
A0660246	- AFUSM	66-0425
A0660249	- AFOSR	66-0436
A0660250	- AFOSR	66-0426
A0660252	- AFOSR	66-0420
A0660253	- AFOSR	66-0423
A0660255	- AFOSR	66-0447
A0660256	- AFOSR	66-0427
A0660258	- AFOSR	66-0450
A0660259	- AFOSM	67-0428
A0660261	- AFOSR	66-0445
A0660262	- AFOSR	66-0422
A0660263	- AFOSR	66-0424
A0660287	- AFOSM	66-0456
A0660318	- AFUSM	66-0478
A0660330	- AFOSR	66-0485

AD666J32	-	AFDSR	68-0482
AD666J33	-	AFDSR	68-0488
AD666J34	-	AFDSR	68-0476
AD666J37	-	AFDSH	68-0683
AD666J40	-	AFDSR	68-0658
AD666J43	-	AFDSR	68-0631
AD666J44	-	AFDSR	68-0648
AD666J46	-	AFDSR	68-0484
AD666J62	-	AFDSR	68-0660
AD666J66	-	AFDSR	68-0472
AD666J67	-	AFDSR	68-0459
AD666J68	-	AFDSR	68-0458
AD666J88	-	AFDSR	68-18P1
AD666J90	-	AFDSR	68-1960
AD666J98	-	AFCHL	67-0868
AD666A28	-	ARL	67-0218P
AD666A29	-	ARL	67-0300P
AD666A31	-	AFCHL	67-0300P
AD666A32	-	ARL	67-0217P
AD666A33	-	ARL	67-0275P
AD666A36	-	AFCHL	68-0035
AD666A38	-	AFCHL	68-0045
AD666A37	-	AFCHL	67-0345
AD666A38	-	ARL	67-0280P
AD666A39	-	ARL	67-0282P
AD666A41	-	AFCHL	67-0408
AD666A42	-	AFCHL	68-0047
AD666A43	-	AFCHL	68-0054
AD666A44	-	AFCHL	68-0056
AD666A45	-	AFCHL	68-0040
AD666A46	-	AFCHL	67-0679
AD666A49	-	AFCHL	67-0809
AD666A50	-	AFCHL	67-0807
AD666A53	-	AFDSR	68-0318
AD666A55	-	AFDSR	68-0235
AD666A56	-	AFDSR	68-0155
AD666A57	-	AFDSR	68-0686
AD666A58	-	AFDSR	68-0461
AD666A61	-	AFDSR	68-0470
AD666A65	-	AFDSR	68-0474
AD666A68	-	AFDSR	68-0033
AD666A69	-	AFDSR	68-0217
AD666A73	-	AFDSR	68-0457
AD666A75	-	AFDSR	68-0513
AD666A76	-	AFDSR	68-0498
AD666A80	-	AFDSR	68-1262
AD666A81	-	AFDSR	68-0310
AD666A91	-	AFDSR	68-0499
AD666A92	-	AFDSR	68-0503
AD666A93	-	AFDSR	68-0520
AD666A94	-	AFDSR	68-0504
AD666A95	-	AFDSR	68-0219
AD666A99	-	AFCHL	67-0532
AD666B00	-	AFCHL	68-0066
AD666B01	-	ARL	67-0238P
AD666B05	-	ARL	67-0216T
AD666B06	-	AFCHL	68-0053
AD666B07	-	AFDSR	68-0529
AD666B08	-	ARL	67-0233P
AD666B10	-	AFCHL	68-0079
AD666B71	-	AFCHL	68-0010
AD666B72	-	AFDSR	68-0523
AD666B73	-	AFDSR	68-0514
AD666B76	-	AFCHL	67-0593
AD666B77	-	AFDSR	68-0453
AD666B78	-	AFDSR	67-2390
AD666B80	-	AFDSR	68-0510
AD666B81	-	AFDSH	68-0528
AD666B87	-	AFCHL	68-0066
AD666B88	-	AFDSR	68-0527
AD666B89	-	AFCHL	68-0501
AD666B90	-	AFDSR	68-0505
AD666B91	-	AFDSR	68-0524
AD666B94	-	AFDSR	68-0525
AD666B95	-	AFCHL	67-0618
AD666B96	-	AFDSR	68-0216
AD66703	-	AFCHL	67-0620
AD66706	-	AFDSR	68-0495
AD66708	-	AFDSR	68-0497
AD66709	-	AFDSR	68-0866
AD66710	-	AFDSR	68-0823
AD66714	-	AFDSR	68-0496
AD66724	-	AFDSR	68-0492
AD66725	-	AFDSR	68-0490
AD66844	-	AFDSR	68-0585
AD66846	-	AFDSR	68-0506
AD66855	-	AFDSR	68-0507
AD66860	-	AFDSR	68-0509
AD66888	-	AHL	68-0006P
AD66891	-	AHL	68-0010P
AD66892	-	AFCHL	68-0051
AD66899	-	AFDSR	68-0279
AD66900	-	AFDSR	68-0290
AD66912	-	AFDSR	68-0381
AD66917	-	AFDSR	68-0500
AD66918	-	AFCHL	67-0648
AD66920	-	AFCHL	68-0670
AD66922	-	AFCHL	67-0666
AD66928	-	AFDSR	68-0242
AD66979	-	AFCHL	68-0105
AD66930	-		

A0688870	- AFOSH	68-0883	A0689581	- AFOSH	68-1014	A0689907	- AFOSH	68-1158	A0690318	- AFOSH	68-1153
A0688879	- AFOSH	68-1083	A0689582	- AFOSH	68-1013	A0689908	- AFOSH	68-1098	A0690319	- AFOSH	68-1248
A0688882	- AFOSH	68-0906	A0689583	- AFOSH	68-0902	A0689909	- AFOSH	68-1108	A0690320	- AFOSH	68-1249
A0688883	- AFOSH	68-0905	A0689584	- AFOSH	68-0902	A0689910	- AFOSH	68-1094	A0690321	- AFOSH	68-1250
A0688884	- AFOSH	68-0907	A0689585	- AFOSH	68-0903	A0689911	- AFOSH	68-1103	A0690322	- AFOSH	68-1251
A0688885	- AFOSH	68-0909	A0689586	- AFOSH	68-0903	A0689912	- AFOSH	68-1108	A0690323	- AFOSH	68-1252
A0688886	- AFOSH	68-0911	A0689587	- AFOSH	68-0908	A0689913	- AFOSH	68-1113	A0690324	- AFOSH	68-1253
A0688887	- AFOSH	68-0909	A0689588	- AFOSH	68-0908	A0689914	- AFOSH	68-1118	A0690325	- AFOSH	68-1254
A0688888	- AFOSH	68-0910	A0689589	- AFOSH	68-0908	A0689915	- AFOSH	68-1127	A0690326	- AFOSH	68-1255
A0688889	- AFOSH	68-0910	A0689590	- AFOSH	68-0908	A0689916	- AFOSH	68-1127	A0690327	- AFOSH	68-1256
A0688890	- AFOSH	68-0910	A0689591	- AFOSH	68-0908	A0689917	- AFOSH	68-1127	A0690328	- AFOSH	68-1257
A0688891	- AFOSH	68-0910	A0689592	- AFOSH	68-0908	A0689918	- AFOSH	68-1127	A0690329	- AFOSH	68-1258
A0688892	- AFOSH	68-0910	A0689593	- AFOSH	68-0908	A0689919	- AFOSH	68-1127	A0690330	- AFOSH	68-1259
A0688893	- AFOSH	68-0910	A0689594	- AFOSH	68-0908	A0689920	- AFOSH	68-1127	A0690331	- AFOSH	68-1260
A0688894	- AFOSH	68-0910	A0689595	- AFOSH	68-0908	A0689921	- AFOSH	68-1127	A0690332	- AFOSH	68-1261
A0688895	- AFOSH	68-0910	A0689596	- AFOSH	68-0908	A0689922	- AFOSH	68-1127	A0690333	- AFOSH	68-1262
A0688896	- AFOSH	68-0910	A0689597	- AFOSH	68-0908	A0689923	- AFOSH	68-1127	A0690334	- AFOSH	68-1263
A0688897	- AFOSH	68-0910	A0689598	- AFOSH	68-0908	A0689924	- AFOSH	68-1127	A0690335	- AFOSH	68-1264
A0688898	- AFOSH	68-0910	A0689599	- AFOSH	68-0908	A0689925	- AFOSH	68-1127	A0690336	- AFOSH	68-1265
A0688899	- AFOSH	68-0910	A0689600	- AFOSH	68-0908	A0689926	- AFOSH	68-1127	A0690337	- AFOSH	68-1266
A0688900	- AFOSH	68-0910	A0689601	- AFOSH	68-0908	A0689927	- AFOSH	68-1127	A0690338	- AFOSH	68-1267
A0688901	- AFOSH	68-0910	A0689602	- AFOSH	68-0908	A0689928	- AFOSH	68-1127	A0690339	- AFOSH	68-1268
A0688902	- AFOSH	68-0910	A0689603	- AFOSH	68-0908	A0689929	- AFOSH	68-1127	A0690340	- AFOSH	68-1269
A0688903	- AFOSH	68-0910	A0689604	- AFOSH	68-0908	A0689930	- AFOSH	68-1127	A0690341	- AFOSH	68-1270
A0688904	- AFOSH	68-0910	A0689605	- AFOSH	68-0908	A0689931	- AFOSH	68-1127	A0690342	- AFOSH	68-1271
A0688905	- AFOSH	68-0910	A0689606	- AFOSH	68-0908	A0689932	- AFOSH	68-1127	A0690343	- AFOSH	68-1272
A0688906	- AFOSH	68-0910	A0689607	- AFOSH	68-0908	A0689933	- AFOSH	68-1127	A0690344	- AFOSH	68-1273
A0688907	- AFOSH	68-0910	A0689608	- AFOSH	68-0908	A0689934	- AFOSH	68-1127	A0690345	- AFOSH	68-1274
A0688908	- AFOSH	68-0910	A0689609	- AFOSH	68-0908	A0689935	- AFOSH	68-1127	A0690346	- AFOSH	68-1275
A0688909	- AFOSH	68-0910	A0689610	- AFOSH	68-0908	A0689936	- AFOSH	68-1127	A0690347	- AFOSH	68-1276
A0688910	- AFOSH	68-0910	A0689611	- AFOSH	68-0908	A0689937	- AFOSH	68-1127	A0690348	- AFOSH	68-1277
A0688911	- AFOSH	68-0910	A0689612	- AFOSH	68-0908	A0689938	- AFOSH	68-112			

SECTION VII. KWIC-TYPE SUBJECT INDEX

080

4-81

ABEL

THE INFLUENCE OF STATISTICAL ERRORS ON THE ABEL INVERSION FINAL REPORT NOV 1967

AFML 68-0044

ABELIAN

SKPM-HADAMARD ABELIAN GROUP DIFFERENCE SETS
ON PERIOD RELATIONS FOR ABELIAN INTEGRALS ON ALGEBRAIC CURVES
UNIFORM DISTRIBUTION IN LOCALLY COMPACT ABELIAN GROUPS

AFOSR67-2334
AFOSR67-2805
AFOSR68-2295

ABLATING

INTERACTION OF A CHEMICALLY REACTING LAMINAR BOUNDARY LAYER AND AN ABLATING SURFACE PART I ANALYSIS

ARL 68-0029

ABLATION

TWO LAYER ABLATION AT AN AXISYMMETRIC STAGNATION POINT

ARL 68-0181

ABRIKOSOV

PROPERTIES OF AN ABRIKOSOV FLUXOID IN TYPE-II SUPERCONDUCTORS

AFOSR68-1840

ABSOLUTE

ABSOLUTE GRAVITY MEASUREMENT BY MEANS OF REVERSIBLE PENDULUM APPARATUS FINAL REPORT SEPT 1967
ABSOLUTE RADIATION STANDARD IN THE FAR INFRARED
ABSOLUTE RECOVERY OF FIRST-LIST RESPONSES FROM UNLEARNING DURING 26 MINUTES FILLED WITH AN EASY RF DIFFICULT
ABSOLUTE MEASUREMENT OF INELASTIC COLLISION CROSS SECTIONS FOR VIBRONIC EXCITED STATES
ABSOLUTE MEASUREMENTS OF THE 2 SUPER 1 P AND 2 SUPER 3 P ELECTRON EXCITATION CROSS SECTIONS OF HELIUM ATOMS
ABSOLUTE CONFIGURATION AND OPTICAL ROTATORY DISPERSION OF METHYL ALKYL SULFOXIDES
ABSOLUTE DETERMINATION OF FLOW PARAMETERS IN A LOW DENSITY HYPERSONIC TUNNEL, PART I ELECTRON BEAM STUDIES OF
ABSOLUTE AND CONVECTIVE INSTABILITIES
THE ABSOLUTE CONFIGURATION OF METHYL ALLYL SULFOXIDE STEREOCHEMISTRY OF THE GRIGNARD SYNTHESIS OF OPTICALLY ACTIVE
THE ABSOLUTE CONFIGURATION OF SULFOXIDES AND SULFINATES
ON THE ABSOLUTE MAGNITUDE AND EFFECTIVE TEMPERATURE OF THE HYDROGEN-POOR STAR HD 30353
SYNTHESIS AND ABSOLUTE CONFIGURATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES AND PHOSPHINATES
THE PARABOLA TEST FOR ABSOLUTE STABILITY
DISTRIBUTION AND POWER OF THE ABSOLUTE NORMAL SCORES TEST
IONIZED MERCURY GAS IN THE HEATED SHOCK TUBE THE MEASUREMENT OF RELAXATION TIMES AND ABSOLUTE INTENSITIES FINAL REPORT

AFCL67-0597
AFOSR67-0488
AFOSR67-2233
AFOSR68-0845
AFOSR68-1128
AFOSR68-1720
ARL 68-1114
ARL 68-1276
AFOSR67-0680
AFOSR68-2499
AFOSR67-2673
AFOSR68-2496
AFOSR68-2484
AFOSR68-0205
AFOSR68-1930

ABSORBERS

TUNGSTEN COMPOUNDS AS LIQUID ABSORBERS FOR MOSSBAUER EXPERIMENTS
WAVE INTERACTIONS IN SATURABLE ABSORBERS

AFOSR67-2581
AFOSR68-0094

ABSORPTION

ABSORPTION SPECTRUM OF ACTIVATED NITROGEN IN THE 600-1100-A REGION
ABSORPTION PEAK FOR ULTRASONIC WAVES NEAR THE SPIN-FLIP TRANSITION OF UNIAXIAL ANTIFERROMAGNETS
ABSORPTION SPECTRA OF SQUARE-PLANAR COMPLEXES OF ETHYLENEDIISULFONAMIDE WITH NICKEL(II) AND PALLADIUM(II)
ABSORPTION IN HIGH-ENERGY PHOTOPRODUCTION
ABSORPTION SPECTRUM OF A MAGNETOPLASMA DIELECTRIC IN A RESO CAVITY
THE ABSORPTION AND EMISSION OF IMPURITY LINES FROM HOT COMPRESSED ARGON WITH A TRACE OF GRAPHITE POWDER
X-RAY ABSORPTION IN THE 2-TO-200 A REGION
X-RAY ABSORPTION SPECTROSCOPY AT THE COPPER K EDGE
OPTICAL ABSORPTION COEFFICIENTS OF VANADIUM PENTOXIDE SINGLE CRYSTALS FINAL REPORT MARCH 1967
INDUCED ABSORPTION IN PURE KCl AND CAPSUB2
ON GREY ABSORPTION COEFFICIENTS IN RADIATIVE TRANSFER
STUDY OF ABSORPTION AND REFRACTION CHANGES IN RADIATION EMANATING FROM JUPITER AND RADIO STARS FINAL REPORT FEB 1967
INFRARED ABSORPTION PROGRAM FINAL REPORT FEB 1968
LOCAL MODE ABSORPTION IN COMPENSATED SILICON-DOPED GALLIUM ARSENIDE
TWO-WHITON ABSORPTION SPECTRUM OF CO2
ELECTRONIC ABSORPTION SPECTRA OF ION PAIRS COMPOSED OF SUBSTITUTED AMINE PICRATES IN ACETONITRILE
ATMOSPHERIC ABSORPTION OF SOLAR RADIATION BY THE 9.6 MICRON OZONE BAND
ULTRAVIOLET ABSORPTION OF SOLID ARGON KRYPTON AND KENON
THE INFRARED ABSORPTION BANDS OF OZONE
EVALUATION OF ABSORPTION AND GAIN FROM SPONTANEOUS EMISSION PROFILES
EXCITED SINGLET ABSORPTION IN 1,2-BENZANTHRACENE BY THE USE OF NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY
AN EVALUATION OF ABSORPTION CORRECTION FUNCTIONS FOR ELECTRON PROBE MICROANALYSIS
THEORY OF OPTICAL ABSORPTION BY DIATOMIC MOLECULES EMBEDDED IN RARE GAS CRYSTALS
FAR INFRARED RESONANT ABSORPTION IN α -TYPE SILICON
INTESTINAL DIGESTION AND ABSORPTION OF SUGARS AND PEPTIDES FINAL REPORT APRIL 1968
INTERBAND MAGNETO-OPTICAL ABSORPTION IN GALLIUM ARSENIDE
LOCALIZED VIBRATIONAL MODE ABSORPTION OF PHOSPHORUS IN GALLIUM ARSENIDE
NEGATIVE CYCLOTRON RESONANCE ABSORPTION FINAL REPORT AUG 1967
FINE STRUCTURE IN THE OPTICAL ABSORPTION EDGE OF Zn SSURKOSUBI-X SOLID SOLUTIONS
THEORY OF I R LATTICE VIBRATION ABSORPTION BY GAP MODES AND RESONANCE MODES IN KI
PERIODIC COVARIATION OF RADIOWAVE ABSORPTION EARTH CURRENTS AND OTHER ASSOCIATED PHENOMENA IN THE AURORAL ZONE
RANDOM-PHASE K-MATRIX APPROACH TO ABSORPTION IN PERIPHERAL INTERACTIONS
ENERGY TRANSPORT BY CAVITATION WITH ABSORPTION IN CYLINDRICAL ARCS
SPATIAL RESOLUTION OF EMISSION AND ABSORPTION COEFFICIENTS IN SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY
HELICONS AND NON-RESONANT CYCLOTRON ABSORPTION IN INSB AND Hg SUBI SURINUS SUB X CD SUB X TE
USE OF OPV WAVE FUNCTIONS FOR INTERBAND ABSORPTION IN THE ALKALIS
LASER FLASH HEATING TECHNIQUES FOR ATOMIC ABSORPTION SPECTROSCOPY
IMPURITY-INDUCED SECOND-HARMONIC INFRARED ABSORPTION AND RAMAN SCATTERING BY UNICENTER LOCALIZED MODES IN ALKALI-HALIDES
THE SEISMIC ALGITUDE AND THE COEFFICIENT OF ABSORPTION IN THE IBERIAN PENINSULA REGION /SPANISH/
EXPERIMENTAL MEASUREMENT OF THE EMISSION AND ABSORPTION OF RADIATION BY AN ARGON PLASMA
OPTICAL PROPERTIES OF A-HNS IN THE FUNDAMENTAL ABSORPTION REGION
RADIATION COUPLED SHOCK LAYER INCLUDING UPSTREAM ABSORPTION EFFECTS
PLANE SPECTROMETRY ATOMIC FLUORESCENCE VS ATOMIC ABSORPTION
RESEARCH DIRECTED TOWARDS THE STUDY OF FAR INFRARED ABSORPTION CONTAINS FINAL REPORT JULY 1967

AFCL67-0109
AFOSR67-1411
AFOSR68-0360
AFOSR68-1365
AFOSR68-2409
AFOSR68-2105
AFOSR67-1294
AFOSR68-0497
AFOSR67-0786
AFOSR67-1143
AFOSR67-2044
AFCL67-0114
AFCL68-0118
AFOSR67-0470
AFOSR67-1728
AFOSR68-1695
AFCL67-0572
AFOSR67-1385
AFCL67-0237
AFOSR67-2631
ARL 68-0325
AFOSR68-1845
AFCL68-0420
AFOSR67-0214
AFOSR68-1396
AFOSR68-0601
AFOSR67-0636
AFCL67-0497
ARL 68-0305
AFOSR68-1472
AFCL67-0248
AFOSR67-0574
ARL 68-0354
ARL 67-0379
ARL 68-0190
AFOSR67-1719
AFML 67-0287
AFOSR68-0924
AFOSR67-1280
ARL 67-0187
AFOSR67-0237
AFOSR68-0549
AFOSR68-1804
AFCL67-0482

ADSORPTION

- CONTINUED

COMPARISON OF LINE AND CONTINUOUS SOURCES IN ATOMIC ABSORPTION SPECTROPHOTOMETRY
RESEARCH IN MEASUREMENT OF RATIOS OF POLARIZATION TO ABSORPTION FOR STARS ALONG THE MILKY WAY FINAL REPORT SEPT 1968
THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS III THE ABSORPTION AND EMISSION SPECTRA OF A MULTILAYERED
DECAY CORRELATIONS OF PHOTO-PRODUCED RHO MESONS IN THE STRONG ABSORPTION MODEL
COHERENT FLUORESCENCE FROM ZINC SULFIDE EXCITED BY TWO-PHOTON ABSORPTION
LOW- β -REGION ROCKET EXPERIMENTS USING LOW FREQUENCY RADIO WAVE ABSORPTION
ACCURACY AND SENSITIVITY OF THE THERMAL LENS METHOD FOR MEASURING ABSORPTION
OBSERVATIONS OF THE SEPTEMBER 2, 1966 PCA EVENT, MIDDAY RECOVERY IN ABSORPTION
NUCLEON-ANTI-NUCLEON CHARGE-EXCHANGE SCATTERING USING U / 6.6 / AND THE ABSORPTION MODEL
TEMPERATURE DEPENDENCE OF THE WIDTH OF THE FUNDAMENTAL LATTICE-VIBRATION ABSORPTION PEAK IN IONIC CRYSTALS II
A SOLID STATE POLARIMETER SUITABLE FOR ROCKET-BORNE IONOSPHERIC DIFFERENTIAL ABSORPTION MEASUREMENTS
STUDY OF ATMOSPHERIC CONSTITUENTS AND STRUCTURE BY MEASUREMENT OF TRANSMISSION AND ABSORPTION OF MILLIMETER WAVES OF
LASER PHOTOLYSIS AND SPECTROSCOPY IN THE NANOSECOND TIME RANGE EXCITED SINGLET STATE ABSORPTION IN CORONENE
SIMULTANEOUS BALLOON MEASUREMENTS OF AURORAL X-RAYS DURING SLOWLY VARYING IONOSPHERIC ABSORPTION EVENTS
THE SELECTION OF OPTIMUM CONDITIONS FOR SPECTROCHEMICAL METHODS III SENSITIVITY OF ATOMIC FLUORESCENCE ABSORPTION AND
ENERGY BAND STRUCTURE OF CUPROUS OXIDE IN THE VICINITY OF THE FUNDAMENTAL EDGE FROM MAGNETO-OSCILLATORY ABSORPTION
USE OF A CONTINUOUS SOURCE OF EXCITATION AN ARGON-HYDROGEN-AIR FLAME AND AN EXTENDED FLAME CELL FOR ATOMIC ABSORPTION

AFOSR67-1301
AFCL66-0464
AFOSR67-0266
AFOSR67-0276
AFOSR66-2116
AFCL67-0540
AFOSR67-2064
AFOSR66-0488
AFOSR66-0132
AFOSR66-0921
AFCL67-0373
AFCL67-0544
ARL 66-0144
AFOSR66-1334
AFOSR67-1920
AFOSR67-2331
AFOSR67-1305

ABSTRACTING
DIFFUSION OF ABSTRACTING AND INDEXING SERVICES FOR GOVERNMENT-SPONSORED RESEARCH SCARECROW PRESS INC METUCHEN N J 1968 AFOSR66-0437

ACCELERATION
ACCELERATION PROCESS IN THE HALL CURRENT DEVICE
ACCELERATION OF MICROPARTICLES BY LASER-INDUCED VAPOR EMISSION
PLASMA ACCELERATION IN AN ELECTRICAL DISCHARGE BY THE SELF-INDUCED MAGNETIC FIELD
LOSSES IN PLASMA ACCELERATION
INVESTIGATION OF ACCELERATION MECHANISMS IN MPD ACCELERATORS
RADIO SPECTRA AND FERMI ACCELERATION BY SHOCKS
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL II-AN INVESTIGATION OF THE VARIOUS PLASMA DISCHARGES SURROUNDING A
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL I THE DEVELOPMENT OF A CW TRAVELING WAVE ACCELERATOR FOR THE
MECHANISM AND DYNAMICS OF COAXIAL PLASMA ACCELERATION FINAL REPORT MARCH 1957
OVL RESEARCH EFFORTS IN THE FIELD OF PLASMA ACCELERATION

AFOSR67-2664
AFOSR66-1388
ARL 67-0248
AFOSR66-0004
ARL 66-0078
AFOSR67-2732
AFOSR67-0977
AFOSR67-0979
AFOSR67-1062
ARL 66-1018

ACCELERATOR
STATE OF THE ART OF MPD ACCELERATOR RESEARCH
PLASMA VORTICES IN THE COAXIAL ACCELERATOR
THEORETICAL ANALYSIS OF A COAXIAL HALL ACCELERATOR
ELECTRIC CURRENT DISTRIBUTION IN AN MPD ACCELERATOR
PHENOMENA IN THE CATHODE REGION OF AN MPD ACCELERATOR
ONE-DIMENSIONAL ANALYSIS OF A TRAVELING WAVE ACCELERATOR
AN INTERNALLY CALIBRATED ELECTRON SPECTROMETER FOR ACCELERATOR ENERGY MONITORING
INVESTIGATION OF PLASMA ROTATION IN A PULSED INDUCTIVE ACCELERATOR
A SURVEY OF METHODS FOR MEASUREMENTS OF RADIATION FIELDS FROM THE AFCL LINEAR ACCELERATOR
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL I THE DEVELOPMENT OF A CW TRAVELING WAVE ACCELERATOR FOR THE

ARL 66-1327
AFOSR66-1668
AFOSR67-2073
ARL 66-1019
ARL 67-0291
AFOSR67-0383
AFCL66-0408
AFOSR66-0546
AFCL67-0301
AFOSR67-0979

ACCELERATORS
PERFORMANCE STUDIES OF PLASMA ACCELERATORS
INVESTIGATION OF ACCELERATION MECHANISMS IN MPD ACCELERATORS

AFOSR66-2630
ARL 66-0078

ACCELEROMETER
OMNIDIRECTIONAL ELECTROMAGNETIC ACCELEROMETER

AFCL67-0470

ACCEPTOR
HOLE TRAPPING AND THE IONIZATION ENERGY OF NATIVE ACCEPTOR CENTERS IN AGBR
ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE II IODIDE ACCEPTOR SOLUTES

AFOSR67-0011
AFOSR66-0367

ACCEPTORS
WRITING PUSHDOWN ACCEPTORS
PHOTOCONDUCTIVITY OF ELECTRON ACCEPTORS FLUOREN-DELTA/ SUPER 9 ALPHA /-MALONONITRILE
EFFECT OF WATER AND SOME OTHER HYDROGEN BOND DONORS AND ACCEPTORS ON PAH IN ACETONITRILE OF MIXTURES OF ACIDS AND

AFCL66-0344
AFCL67-0021
AFOSR67-2156

ACCESS
ON-LINE TYPEWRITER ACCESS TO CLASSIFICATION TABLES ON DRUM STORAGE
TOWARD ECONOMICAL REMOTE COMPUTER ACCESS

AFOSR66-1604
AFOSR67-2018

ACCLINATION
SYNTHESIS OF ATROPINE LABELED WITH C14 IN THE TROPINE RING AND EFFECT OF COLD ACCLINATION ON ATROPINE METABOLISM FINAL

AFOSR67-2030

ACCOMMODATION
DETERMINATION OF THE THERMAL ACCOMMODATION COEFFICIENTS OF GASES ON CLEAN SURFACES AT TEMPERATURES ABOVE 300 DEGREES K
A COLLECTION OF SOME CONTROLLED SURFACE THERMAL ACCOMMODATION COEFFICIENT MEASUREMENTS

AFOSR67-1922
AFOSR67-1921

ACCUMULATOR
A PARALLEL ACCUMULATOR FOR A GENERAL-PURPOSE COMPUTER

AFOSR66-1520

ACETATE
CERIUM /IV/ ACETATE
DIFFUSION COEFFICIENTS FOR ORGANIC VAPORS IN POLYVINYL ACETATE
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR V HALIDE AND ACETATE ION CATALYSIS OF THE SOLVOLYSIS OF
AROMATIC OXIDATION BY ELECTRON TRANSFER II OXIDATIONS OF AROMATIC ETHERS AND AMINES BY MANGANIC ACETATE
AROMATIC OXIDATION BY ELECTRON TRANSFER III OXIDATION OF 1- AND 2-METHOXY-NAPHTHALENE BY MANGANIC ACETATE

AFOSR66-2522
ARL 67-0183
AFOSR66-0711
AFOSR67-0242
AFOSR67-0243

ACETIC
MECHANISMS OF SUBSTITUTION REACTIONS SULFINYL SULFUR SOLVOLYSIS OF ARYL SULFINYL SULFONES IN ACETIC ACID-WATER

AFOSR67-0074

ACETONE
MOLECULAR PHOTOCHEMISTRY VIII EVIDENCE FOR A SINGLET-STATE COMPLEX IN THE PHOTOCYCLOADDITION OF ACETONE TO TRANS-1,2-

AFOSR66-1727

ACETONITRILE
ACETONITRILE EXCHANGE RATES IN SOLUTIONS OF NICKEL /II/ IONS BY NUCLEAR MAGNETIC RESONANCE
PROTONATION IN ACETONITRILE OF WATER ALCOHOLS AND DIETHYL ETHER

AFOSR67-1687
AFOSR66-2210

ACETONITRILE - CONTINUED

HYDRATION OF IONS IN ACETONITRILE	AFOSR67-1209
TITRATION OF BASES IN ACETONITRILE	AFOSR67-2893
AUTOMOTOLYSIS CONSTANT OF ACETONITRILE	AFOSR66-1713
ACID-BASE INDICATOR CONSTANTS IN ACETONITRILE	AFOSR67-1026
HYDRATION OF UNDISSOCIATED SALTS IN ACETONITRILE	AFOSR67-1686
HIGH SENSITIVITY COULOMETRIC ANALYSIS IN ACETONITRILE	AFOSR66-1946
ACID-BASE PROPERTIES OF MONO- AND DINITROPHENOLS IN ACETONITRILE	AFOSR67-0225
ACID-BASE INDICATOR PROPERTIES OF SULFONEPHTHALEINS AND BENZEINS IN ACETONITRILE	AFOSR67-0218
VOLTAETRIC AND SPECTRAL STUDIES ON ZIRCONIUM IN CHLORIDE MEDIA IN ACETONITRILE	AFOSR66-2266
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XX SOME REACTIONS OF ACETONITRILE DERIVATIVES OF MOLYBDENUM AND	AFOSR67-1573
EFFECT OF WATER AND SOME OTHER HYDROGEN BOND DONORS AND ACCEPTORS ON PAM IN ACETONITRILE OF MIXTURES OF ACIDS AND	AFOSR67-2166
ELECTRONIC ABSORPTION SPECTRA OF ION PAIRS COMPOSED OF SUBSTITUTED ANINE PICRATES IN ACETONITRILE	AFOSR66-1695
ACETYLACETONATES	
ANHYDROUS AND HYDRATED RARE EARTH ACETYLACETONATES AND THEIR INFRARED SPECTRA	ARL 66-0322
ACETYLENE	
MICROWAVE ROTATION SPECTRA OF ETHYL ACETYLENE AND ETHYL ISOCYANIDE	AFOSR67-0659
IONIC POLYMERIZATION OF SIMPLE UNSATURATED HYDROCARBONS, ACETYLENE AND ETHYLENE	ARL 67-1237
ACETYLENE-AIR	
MEASUREMENT OF THE FREE ATOM FRACTION OF 22 ELEMENTS IN AN ACETYLENE-AIR FLAME	AFOSR67-1038
ACETYLENE-OXYGEN	
CO EMISSION FROM ACETYLENE-OXYGEN FLAMES	AFOSR67-1106
MEASUREMENT OF THE DAMPING CONSTANT /THE A-PARAMETER/ OF SEVERAL ELEMENTS IN SEVERAL HYDROGEN AND ACETYLENE-OXYGEN	AFOSR67-1036
ACETYLENES	
ORGANOLITHIUM COMPOUNDS AND ACETYLENES IV SEQUENCE OF ADDITION-METALATION IN THE REACTION OF ORGANOLITHIUM COMPOUNDS	AFOSR66-2086
ACETYLENIC	
REACTIONS OF ACETYLENIC KETONES AND AN ALDEHYDE WITH PHOSPHORUS PENTACHLORIDE	AFOSR67-0030
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XV NEW OLEFINIC AND ACETYLENIC DERIVATIVES OF TUNGSTEN	AFOSR67-0477
ACETYLIDES	
SOME TRANSITION-METAL ACETYLIDES	AFOSR66-11
ACHIEVEMENT	
POSITION IN GROUP ACHIEVEMENT MOTIVATION AND GROUP ASPIRATIONS	AFOSR66-1164
ACID	
ACID MONOAMINE METABOLITES OF CEREBROSPINAL FLUID IN MENTAL DEPRESSION AND MANIA	AFOSR67-0867
MIXED HETEROPOLY ACID FORMATION FINAL REPORT JULY 1967	AFOSR67-1605
THE FLUOROSULFURIC ACID SOLVENT SYSTEM V IODINE TRIFLUOROSULFATE	AFOSR67-0543
THE FLUOROSULFURIC ACID SOLVENT SYSTEM IV THE SOLUTES WATER AND POTASSIUM NITRATE	AFOSR67-0544
THE FLUOROSULFURIC ACID SOLVENT SYSTEM II SOLUTIONS OF ANTIMONY PENTAFLUORIDE ANTIMONY PENTAFLUORIDE	AFOSR67-0545
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF ETHYLENEBISBISGUANIDE-NICKEL/II/ ION	AFOSR67-1789
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF ETHYLENEBISBISGUANIDE-PALLADIUM /II/ ION	AFOSR66-2271
CORROSION BY CHLOROSULFONIC ACID FINAL REPORT OCT 1967	AFOSR67-0513
EFFECT OF N-METHYLIMINOACETIC ACID AS A NON-BRIDGING LIGAND IN THE CHROMIUM /II/-CHROMIUM/III/ ELECTRON-TRANSFER	AFOSR66-2807
CUPROUS CHLORIDE IN HYDROCHLORIC ACID ANALYSIS AND SOLUBILITY	AFOSR66-0089
TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE ALPHA CHAIN OF RABBIT HEMOGLOBIN	AFOSR67-1631
KINETIC ORDER WITH RESPECT TO SOLVENT ACID HYDROLYSIS AND PREFERENTIAL SOLVATION OF THE REINECKATE ION	AFOSR66-0174
FURTHER STUDIES ON THE IMMUNOGENICITY OF D-ARINO ACID POLYMERS	AFOSR66-0836
A NEW REACTION OF THIONYL CHLORIDE WITH A CARBOXYLIC ACID IN THE PRESENCE OF A TERTIARY AMINE AN X-RAY	AFOSR67-2857
SEQUENCE PEPTIDE POLYMERS I POLYMERS BASED ON ASPARTIC ACID AND GLYCINE	AFOSR67-1078
THE CATALYTIC ACTIVITY OF NICKEL AND NICKEL BORIDE FOR FORMIC ACID DECOMPOSITION	AFOSR66-0160
CORRELATION BETWEEN THE PHOTOCHEMISTRY AND THE MASS SPECTRA OF PYRUVIC ACID AND ISOPROPYL PYRUVATE	AFOSR67-1847
BURNING VELOCITIES IN MIXTURES OF METHYL ALCOHOL FORMALDEHYDE OR FORMIC ACID WITH OXYGEN	AFOSR66-1203
ION RADICALS XI THE REACTIONS OF THIOXANTHENE AND THIOXANTHENE 10-OXIDE IN SULFURIC ACID	AFOSR67-0022
KINETICS OF OSMIUM-CATALYZED REACTION BETWEEN CERTIUM/IV/ AND ARSENIC/III/ IN SULFURIC ACID MEDIUM	AFOSR66-0366
EFFECT OF STRESS AND PARA-CHLOROPHENYLALANINE UPON BRAIN SEROTONIN 5-HYDROXYIN-DOLEASCETIC ACID AND CATECHOLAMINES IN	AFOSR66-1770
CATIONS AND OXY CATIONS OF IODINE III THE I AND LOWER OXIDATION STATES OF IODINE IN SULFURIC ACID	AFOSR67-0546
MECHANISMS OF REACTIONS OF THIOSULFINATES /SULFENIC ANHYDRIDES/ I THE THIOSULFINATE-SULFENIC ACID REACTION	AFOSR67-2010
THE MECHANISM OF THE DISPROPORTIONATION OF SULFENIC ACIDS RATE AND EQUILIBRIUM CONSTANTS FOR THE SULFENIC ACID-	AFOSR67-0075
ION RADICALS XII THE REACTIONS OF DIARYL SULFIDES AND SULFOXIDES BENZENE THIOSULFONATE AND BENZENESULFENIC ACID IN	AFOSR67-1636
ACID-BASE	
ACID-BASE INDICATOR PROPERTIES OF SULFONEPHTHALEINS AND BENZEINS IN ACETONITRILE	AFOSR67-0218
ACID-BASE PROPERTIES OF MONO- AND DINITROPHENOLS IN ACETONITRILE	AFOSR67-0225
ACID-BASE CHARACTERISTICS OF PHOTOCROMISM	AFOSR67-0614
ACID-BASE INDICATOR CONSTANTS IN ACETONITRILE	AFOSR67-1026
ACID-BASE CHARACTERISTICS OF PHOTOCROMISM	AFOSR66-0345
HIGH TEMPERATURE ACID-BASE REACTIONS-II METHYL-AMMONIUM CHLORIDE WITH CERTAIN METAL OXIDES	AFOSR67-1500
ACID-WATER	
MECHANISMS OF SUBSTITUTION REACTIONS SULFENYL SULFUR SOLVOLYSIS OF ARYL SULFENYL SULFONES IN ACETIC ACID-WATER	AFOSR67-0074
ACIDIC	
SPECIFIC SPOT TESTS BASED ON THE RELEASE OF HYDROGEN CYANIDE IN ACIDIC MERCURIC CYANIDE SOLUTION	ARL 68-0178
ACIDITY	
ACIDITY OF HYDROCARBONS XII EQUILIBRIUM ACIDITIES OF SOME HYDROCARBONS TOWARDS LITHIUM CYCLOHEXYLAMINE IN	AFOSR67-0730
ACIDITY OF HYDROCARBONS XIII RELATIVE EQUILIBRIUM ACIDITIES OF HYDROCARBONS TOWARD CESIUM CYCLOHEXYLAMINE	AFOSR67-0731
ACIDS	
PHOSPHONIC ACIDS AND ESTERS ARE SYNTHESIS OF SUBSTITUTED PHENYL- AND ARYLPHOSPHONATES BY THE PHOTOKINETIC ACRYLATION	AFOSR66-0736
PHOTOCHEMICAL DECARBOXYLATION OF ACIDS WITH THALLIUM/II/	AFOSR66-2511
CYCLOPOLYMERIZATION OF ACIDS AND ESTERS II 4-CYCLOPENTANONE AND 5-HYDROXY-2-PENTANONE	AFOSR67-2511
SOLVATION OF EXTRACTED COMPLEX METAL ACIDS III THE SULFURIC ACID-ETHYLENE SYSTEM	AFOSR67-1140
REACTIONS OF DIARYLAMINE WITH LOWER ACIDS	AFOSR67-1991
SOLVATION OF EXTRACTED COMPLEX METAL ACIDS III	AFOSR67-2713

ACIDS - CONTINUED

SOLVATION OF EXTRACTED COMPLEX METAL ACIDS IN THE MAUCLA-NITROBENZENE SYSTEM
 THE MECHANISM OF THE DISPROPORTIONATION OF SULFONIC ACIDS RATE AND EQUILIBRIUM CONSTANTS FOR THE SULFONIC ACID-
 CYCLOPROPANONES V INHIBITION OF POLYMERIZATION AND ADDITION OF ACIDS
 HYDROGEN-ADDITION RADICALS FORMED IN THE AROMATIC RINGS OF AMINO ACIDS POLYAMINO ACIDS AND PROTEINS
 BRIDGED RING SYSTEMS--XIII THE SYNTHESIS OF CYCLOHEPTENE CARBOXYLIC ACIDS
 COMPLEXES OF CHROMIUM (III) WITH SOME N-SUBSTITUTED ETHYLENEDIAMINETRIACETIC ACIDS
 HYDROGEN-ADDITION RADICALS FORMED IN THE AROMATIC RINGS OF AMINO ACIDS POLYAMINO ACIDS AND PROTEINS
 HALOMETHYL-METAL COMPOUNDS VII THE REACTION OF PHENYL /BROMODICHLOROMETHYL/ MERCURY WITH CARBOXYLIC ACIDS
 EFFECT OF WATER AND SOME OTHER HYDROGEN BOND DONORS AND ACCEPTORS ON PAH IN ACETONITRILE OF MIXTURES OF ACIDS AND
 ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXX BEHAVIOR OF PHENYLALLYLIC ANIONS AND THEIR CONJUGATED ACIDS

AFOSR66-1781
 AFOSR67-0075
 AFOSR67-1826
 AFOSR66-2849
 AFOSR66-0733
 AFOSR67-2657
 AFOSR68-2749
 AFOSR67-0049
 AFOSR67-2166
 AFOSR67-0447

ACOUSTIC

ACOUSTIC SPECIFICATION OF SPEECH FINAL REPORT JAN 1967
 ACOUSTIC SPECIFICATION OF SPEECH FINAL REPORT JAN 1968
 ACOUSTIC FACTORS VERSUS LANGUAGE FACTORS IN SHORT-TERM MEMORY
 ACOUSTIC WAVES IN THE TROPOSPHERE
 STUDY OF ACOUSTIC PROPERTIES OF SPEECH SOUNDS
 MULTIPLE ACOUSTIC DIFFRACTION TECHNIQUES FOR FREQUENCY SHIFTING OF LASER SOURCES
 COS AS AN ACOUSTIC WAVE GUIDE
 RADIATION-DRIVEN ACOUSTIC WAVES IN A CONFINED GAS
 RESEARCH IN NUCLEAR ACOUSTIC RESONANCE A SUMMARY
 ELECTRICALLY CONTROLLED ACOUSTIC BEAM DEFLECTION
 DIFFRACTION OF LIGHT BY SURFACE ACOUSTIC WAVES
 DIRECT DETECTION OF F19 NUCLEAR ACOUSTIC RESONANCE IN ANTIFERRO-MAGNETIC RAMMS
 RED-WINGED BLACKBIRD RESPONSES TO ACOUSTIC STIMULI FINAL REPORT FEB 1967
 INTERACTION OF EXTERNAL RADIATION WITH AN ACOUSTIC WAVE
 HEAT TRANSFER FROM A CIRCULAR CYLINDER BY ACOUSTIC STREAMING
 SINGLE UNIT STUDIES OF CORTICAL CODING OF SIMPLE ACOUSTIC STIMULI
 FORCED MOTIONS OF SHELLS AND PLATES SURROUNDED BY AN ACOUSTIC FLUID
 DOPPLER CONVERSION AND ADIABATIC TIME DOMAIN CONVERSION OF ACOUSTIC AND SPIN WAVES

AFCL67-0279
 AFCL68-0171
 AFOSR67-1827
 AFOSR67-1904
 AFCL68-0448
 AFOSR67-0439
 ARL 67-1200
 AFOSR66-0070
 AFOSR66-1546
 AFCL67-0312
 AFOSR66-0063
 AFOSR66-1527
 AFOSR67-0717
 AFOSR66-2847
 ARL 66-0334
 AFOSR66-2771
 AFOSR66-0106
 AFOSR67-0455

ACOUSTICAL

AN ACOUSTICAL TRACKING SYSTEM USING A DELTA CORRELATOR

AFOSR67-1564

ACOUSTICS

GEOMETRICAL ACOUSTICS IN MAGNETIC MATERIALS

AFCL67-0025

ACUSTOELECTRIC

ACUSTOELECTRIC OSCILLATIONS CURRENT SATURATION AND ELECTRON DRIFT MOBILITY IN CADMIUM SULPHIDE CRYSTALS
 ACUSTOELECTRIC EFFECTS IN SOLIDS
 ACUSTOELECTRIC EFFECTS IN SOLIDS FINAL REPORT OCT 1967

AFCL67-0285
 AFCL67-0636
 AFCL68-0136

ACOUTICS

PRIMERAS JORNADAS LATINO AMERICANAS DE ACUSTICA /FIRST LATIN AMERICAN SYMPOSIUM ON ACOUSTICS CORDOBA ARGENTINA 17-23 MAY AFOSR67-1954

ACQUISITION

ACQUISITION OF HIERARCHICAL CONTROL OVER THE TEMPORAL ORGANIZATION OF A SKILL
 A HYBRID DATA ACQUISITION AND CONTROL SYSTEM FOR A HYPERSONIC WIND TUNNEL COMPLEX
 THE ROLE OF DISTINCTIVE FEATURES IN CHILDRENS ACQUISITION OF PHONOLOGY

AFOSR67-1837
 ARL 66-1385
 AFCL68-0264

ACRIDINE

REACTIVE STATE IN THE PHOTOREDUCTION OF ACRIDINE IN ETHANOL

ARL 66-0129

ACRYLOPHENONE

ANIONIC POLYMERIZATION AND COPOLYMERIZATION OF ACRYLOPHENONE

AFOSR66-1905

ACTION

FOKKER ACTION PRINCIPLE AND THE HYPERBOLIC MOTION
 INHIBITORY ACTION OF ADRENERGIC BLOCKING AGENTS ON CATECHOLAMINE RELEASE AND UPTAKE IN ISOLATED NERVE GRANULES
 GENESIS OF ACTION POTENTIALS IN EXCITABLE TISSUES FINAL REPORT MAY 1967
 GIANT PULSE LASER ACTION AT 77 DEGREE K
 PAST VERSUS PRESENT WIND ACTION IN THE MOJAVE DESERT REGION CALIFORNIA
 ANALYSIS OF THE MECHANISM OF ACTION OF THE NERVE GROWTH FACTOR
 HALOMETHYL-METAL COMPOUNDS XII THE ACTION OF SODIUM IODIDE ON PHENYL /TRIHALOMETHYL/ MERCURY COMPOUNDS A NEW METHOD OF
 A FURTHER ADIABATIC INVARIANCE OF THE ACTION INTEGRAL FOR THE HARMONIC OSCILLATOR
 EFFECT OF VARYING PERIODS OF COLD EXPOSURE ON THE ACTION AND METABOLISM OF HEXOBARBITAL
 TRANSPORT OF BIOLOGICAL AMINES AS AN ELEMENT OF DRUG ACTION
 SELECTIVE PROTECTION OF 5-HYDROXYTRYPTAMINE STORES AGAINST THE ACTION OF RESERPINE BY TREATMENT WITH
 REUPTAKE OF NORDRENALINE IN ISOLATED ADRENERGIC NERVE GRANULES AND THE ACTION OF ATP
 THE INTERFERENCE OF TETRAEZAINE BENZQUINAMIDE AND PRENYLAMINE WITH THE ACTION OF RESERPINE
 THE STRESS INTENSITY FACTOR FOR A PENNY-SHAPED CRACK IN AN ELASTIC BODY UNDER THE ACTION OF SYMMETRIC BODY FORCES
 THE DISTRIBUTION OF STRESS IN THE VICINITY OF A PENNY-SHAPED CRACK IN AN ELASTIC SOLID UNDER THE ACTION OF SYMMETRIC
 STUDIES ON THE TACHYPHYLAXIS TO ALPHA-METHYL METATYRAMINE WITH SPECIAL REFERENCE TO ITS CENTRAL STIMULATING ACTION

AFOSR67-1843
 AFOSR67-0500
 AFOSR67-1693
 AFOSR67-0069
 AFCL67-0683
 AFOSR66-2337
 AFOSR67-0796
 AFOSR66-1003
 AFOSR67-2106
 AFOSR66-0602
 AFOSR66-0605
 AFOSR66-0192
 AFOSR66-0603
 AFOSR66-0632
 AFOSR66-1635
 AFOSR66-2711

ACTIONS

A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE RE ACTIONS IN THE SYSTEM BORON TRIFLUORIDE-METHANOL A MODIFIED
 ON REPRESENTATIONS OF PROBLEMS OF REASONING ABOUT ACTIONS

AFOSR67-2478
 AFOSR66-1327

ACTIVATED

STUDIES OF THERMALLY ACTIVATED COUPLED-CURRENT PROCESSES FINAL REPORT NOV 1967
 ABSORPTION SPECTRUM OF ACTIVATED NITROGEN IN THE 600-1100-A REGION
 ELECTROPHYSIOLOGICAL STUDY OF VISUAL CORTICAL MECHANISMS ACTIVATED DURING AVOIDANCE CONDITIONING TRAILS IN MACAQUE
 VIBRATIONAL ENERGY TRANSFER FROM A HOMOLOGOUS SERIES OF CHEMICALLY ACTIVATED RADICALS

AFOSR67-2789
 AFCL67-0109
 AFOSR66-0196
 AFOSR66-2139

ACTIVATION

ACTIVATION AND LONG TERM PERFORMANCE
 ACTIVATION HEAT IN PROG SARTORIUS MUSCLE
 ELECTRICAL MEASUREMENTS AND NUCLEAR ACTIVATION TECHNIQUES FOR RADIATION DAMAGE STUDIES AND IMPURITY ANALYSIS IN
 INSTABILITY OF FIRING THRESHOLD AND REMOTE ACTIVATION IN CO-VISUAL NEURONS
 HYPER-IONIZATION OF TRACE ELEMENTS IN STONE REFRIGERATED BY ACTIVATION ANALYSIS /GERMANY/
 OPTICAL DETECTION OF CARBON NITROGEN AND OXYGEN IN 15 N BY ACTIVATION ANALYSIS
 TRANSIENT STATE DECOMPOSITION OF /APPROXIMATELY 10% IN NEUTRON ACTIVATION

AFOSR67-1941
 AFOSR66-1686
 AFCL67-0596
 AFOSR67-1047
 AFOSR66-1999
 AFCL67-0227
 AFOSR66-0332

ACTIVE

ACTIVE RC OFLAY NETWORKS USING OPERATIONAL AMPLIFIERS
 ACTIVE NETWORK SYNTHESIS USING PRACTICAL AMPLIFIERS
 ON THE ACTIVE REGION CORONA AND THE INTERPRETATION OF TYPE I BURSTS
 OPTICALLY ACTIVE SILICON COMPOUNDS AND THEIR REACTIONS
 OPTICALLY ACTIVE SILANES AND THEIR REACTIONS- THE PERHYDROMETHYL-L-NAPHTHYL-PHENYLSILYL SYSTEM
 SYNTHESIS OF ACTIVE AND PASSIVE COMPATIBLE IMPEDANCES
 MODEL ASPECTS OF ACTIVE NETWORK THEORY FINAL REPORT SEPT 1968
 METABOLISM OF BIOLOGICALLY ACTIVE AMINES FINAL REPORT FEB 1967
 THE SYNTHESIS OF OPTICALLY ACTIVE SULPHOXIDES FROM SULPHINAMIDES
 DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS IN THE BODY FINAL REPORT MARCH 1967
 DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE BODY
 DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE BODY
 MULTIPARAMETER SENSITIVITY IN ACTIVE RC INTEGRATED CIRCUITS
 PLASMA IMPEDANCE ELEMENT IN AN ACTIVE FARRY-PEROT MICROWAVE RESONATOR
 RESEARCH ON THE THEORY AND DESIGN OF ACTIVE NETWORKS FINAL REPORT SEPT 1966
 A MONTE CARLO SIMULATION OF THE NUCLEAR ACTIVE CASCADE IN EAS /ANALYSIS OF BOLIVIAN AIR SHOWER JOINT EXPERIMENT/
 SYNTHESIS AND ABSOLUTE CONFIGURATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES AND PHOSPHINATES
 TRANSFER FUNCTION SYNTHESIS USING RESONATORS AND SOME ACTIVE RC RESONATORS
 STUDIES OF THE EQUATORIAL IONOSPHERE USING TRANSMISSIONS FROM ACTIVE SATELLITES FINAL REPORT SEPT 1967
 A NEW ROUTE TO THE PREPARATION AND CONFIGURATIONAL CORRELATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES
 THE ABSOLUTE CONFIGURATION OF METHYL ALLYL SULFOXIDE STEREOCHEMISTRY OF THE GRIGNARD SYNTHESIS OF OPTICALLY ACTIVE

AFCL67-0333
 AFOSR67-0390
 AFCL67-0577
 ARL 67-1242
 ARL 68-0366
 AFOSR68-1230
 AFAL 67-0185
 AFOSR67-0846
 AFOSR68-1489
 AFOSR67-0884
 AFOSR68-0810
 AFOSR68-0999
 AFCL67-0067
 AFOSR68-2125
 AFCL67-0060
 AFOSR68-0184
 AFOSR68-2496
 AFCL67-0130
 AFCL68-0020
 AFOSR67-2379
 AFOSR67-0680

ACTIVITIES

RESEARCH ACTIVITIES AT THE SULPHUR GROVE OBSERVATORY, 1965-1967
 DISPLACEMENT ACTIVITIES AND AROUSAL
 SPECIFIC AND NON-SPECIFIC ACTIVITIES IN THE CENTRAL VISUAL PATHWAYS
 STUDY OF SCIENTIFIC AND TECHNICAL DATA ACTIVITIES IN THE UNITED STATES VOLUME II PART C PRELIMINARY CENSUS OF

ARL 67-1098
 AFOSR68-0608
 AFOSR68-1017
 AFOSR68-1403

ACTIVITY

THE ACTIVITY SEISMIC OF THE REGION OF THE PENINSULA AFRICA UP TO YEAR OF 1960 /SPANISH/
 THE ACTIVITY OF AFFERENT NERVE FIBERS FROM THE VESTIBULAR ORGAN AND OF NEURONS IN THE VESTIBULAR NUCLEI OF
 THE ACTIVITY OF COPPER IN SOLID COPPER-PLATINUM ALLOYS AND SOME OBSERVATIONS ON THE ORDERING OF CUSUMPT
 OXYGEN ACTIVITY GRADIENTS IN METAL OXIDES UNDER APPLIED ELECTRIC POTENTIALS AND THEIR INFLUENCE ON TRANSFERENCE NUMBER
 THE ION ACTIVITY FUNCTION - AN APPROACH TO THE STUDY OF ELECTROLYTE BEHAVIOUR IN CONCENTRATED SOLUTIONS
 RHYTHMIC ACTIVITY IN A SIMULATED NEURONAL NETWORK
 SUDOMOTOR ACTIVITY AS AFFECTED BY THE THERMAL STATUS OF THE SKIN IN A WARM ENVIRONMENT
 THE SEISMIC ACTIVITY IN THE CYPRUS AREA
 THE OPTICAL ACTIVITY OF UROBINILS DERIVED FROM PHYCOERYTHROBILIN
 SINGLE-UNIT ACTIVITY IN THE PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS
 THE CATALYTIC ACTIVITY OF NICKEL AND NICKEL BORIDE FOR FORMIC ACID DECOMPOSITION
 NEUROSECRETORY ACTIVITY IN SUPRAOPTIC NUCLEUS OF NORMAL RATS
 CHOLINESTERASE ACTIVITY OF THE NECTITATING MEMBRANE REINNUNOVATED BY CHOLINERGIC FIBERS
 VISCERAL AFFERENT ACTIVITY EFFECTS ON BRAIN STEM RETICULAR FORMATION FINAL REPORT JULY 1966
 ENERGETICS OF MUSCLE ACTIVITY IN RELATION TO THE MOLECULAR PHYSIOLOGY OF THE CONTRACTION PROCESS FINAL REPORT DEC 1966
 TELEMETRY OF SPIKE ACTIVITY DURING BEHAVIORAL RESPONSE TO ODDNANTS
 THE CONTROL OF CIRCADIAN ACTIVITY IN COCKROACHES
 STUDIES ON CORTICOTECTAL ACTIVITY IN THE UNANESTHETIZED MID-PONTINE CAT
 RELATIONSHIP BETWEEN CORTICAL ACTIVITY AND THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE BODY
 THE EFFECT OF ADP ON THE ATPASE ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC STRENGTH
 SOME ADDITIONAL ASPECTS OF THE UNEQUAL ACTIVITY OF THE NORTHERN AND SOUTHERN SOLAR HEMISPHERES MICROWAVE RADIO BURSTS
 PROTONS ASSOCIATED WITH CENTERS OF SOLAR ACTIVITY AND THEIR PROPAGATION IN INTERPLANETARY MAGNETIC FIELD REGIONS
 INFORMATION PROCESSING IN EVERYDAY HUMAN ACTIVITY
 GAS CHROMATOGRAPHIC DETECTION OF IN VIVO ACTIVITY OF EQUINE INFECTIONS ANAEMIA VIRUS
 CORRELATION BETWEEN LIGHT- AND DARK IONIC ACTIVITY IN THE CENTRAL VISUAL PATHWAYS IN THE ABSENCE AS WELL AS IN THE
 A REFERENCE ORBIT USEFUL IN INTEGRATING BETWEEN ACTIVITY SPHERES
 RELATIONSHIPS BETWEEN RESERPINE INDUCED PHASIC PEG ACTIVITY AND SINGLE UNIT DISCHARGE IN THE PONTINE RETICULAR
 QUANTITATIVE ANALYSIS OF THE SPONTANEOUS AND EVOKED ACTIVITY OF THE CELLS OF THE PURKINJE /FRENCH/
 WATER INSOLUBLE DERIVATIVES OF PROTEINS WITH BIOLOGICAL ACTIVITY FINAL REPORT SEPT 1967
 EFFECTS OF MAGNESIUM AND CALCIUM IONS ON THE ADENOSINETRIPHOSPHATASE ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC
 VERBAL SHORT TERM-MEMORY AS A FUNCTION OF DEGREE OF LEARNING ON A PERCEPTUAL MOTOR INTERPOLATED ACTIVITY
 AN ANALYSIS OF THE PERFORMANCE OF THE THREE-STATION SPARSA NETWORK FOR DETECTING AND TRACKING THUNDERSTORM ACTIVITY

AFOSR67-0560
 AFOSR68-0672
 ARL 67-0247
 ARL 68-1155
 AFOSR67-1292
 AFOSR67-0207
 AFOSR68-2803
 AFOSR67-2762
 AFOSR68-0813
 AFOSR68-1987
 AFCL68-0160
 AFOSR67-2095
 AFOSR68-2731
 AFOSR68-0040
 AFOSR68-1635
 AFOSR68-1403
 AFOSR68-2174
 AFOSR68-2715
 AFOSR67-2544
 AFOSR67-2251
 AFCL68-0217
 AFOSR68-0886
 AFOSR68-1521
 AFOSR68-2178
 AFOSR68-2789
 AFOSR67-1170
 AFOSR67-2560
 AFOSR67-2585
 AFOSR67-2025
 AFOSR67-2249
 AFOSR68-1891
 AFCL68-0272

ACTOMYOSIN

THE EFFECT OF ADP ON THE ATPASE ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC STRENGTH
 EFFECTS OF MAGNESIUM AND CALCIUM IONS ON THE ADENOSINETRIPHOSPHATASE ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC

AFOSR67-2251
 AFOSR67-2249

ADAPTATION

ADAPTATION BETWEEN THE PRESSURE AND THE WIND FIELD IN MESO- AND SMALL-SCALE MOTIONS
 ADAPTATION OF LOUDNESS TO NONAURAL STIMULATION
 ADAPTATION TO MUSCULAR EFFORT
 COLD ADAPTATION OF KOREAN WOMEN DIVERS FINAL REPORT DEC 1967
 STRUCTURAL AND FUNCTIONAL ADAPTATION IN A VISUAL SYSTEM
 A NEURAL COMPONENT IN DARK ADAPTATION
 PSYCHOPHYSICAL RELATIONS IN ADAPTATION PROCESSES FINAL REPORT AUG 1968
 FURTHER STUDIES ON DISTRIBUTED ADAPTATION IN NEURONAL NETWORKS FINAL REPORT AUG 1967
 TACTILE SPATIAL AFTER EFFECT OF ADAPTATION LEVEL
 PERCEIVED INTENSITY OF OODR AS A FUNCTION OF TIME OF ADAPTATION
 ELECTROPHYSIOLOGICAL EVIDENCE FOR A NEURAL STAGE IN DARK ADAPTATION
 THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT JULY 1967
 THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT SEPT 1968
 CHOICE BETWEEN AUTOTROPHY AND HETEROTROPHY IN PSEUDOMONAS OXALATICUS UTILIZATION OF OXALATE BY CELLS AFTER ADAPTATION

AFCL68-0275
 AFOSR67-1450
 AFOSR68-2203
 AFOSR68-0908
 AFOSR68-0700
 AFOSR67-2541
 AFOSR68-2205
 AMRL 67-0121
 AFOSR67-1738
 AFOSR68-2556
 AFOSR67-2545
 AFOSR67-2735
 AFOSR68-2087
 AFOSR68-1990

ADAPTIVE

ADAPTIVE SAMPLING BASED ON AMPLITUDE SENSITIVITY
 ADAPTIVE CONTROL OF UNKNOWN TIME VARIABLE SYSTEMS
 ADAPTIVE COMPUTERS
 AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS
 AN ADAPTIVE TREE PRUNING SYSTEM A LANGUAGE FOR PROGRAMMING HEURISTIC TREE SEARCHES
 AN ADAPTIVE COMPUTING SYSTEM ON THE SYNTHESIS OF THRESHOLD LOGIC NETWORKS
 AN ADAPTIVE MULTICATEGORY PATTERN CLASSIFICATION SYSTEM
 AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS
 ON ADAPTIVE NETS
 ON AN ADAPTIVE FLU UTILIZING FERROMAGNETIC THIN-FILM WEIGHTS
 OPTIMAL ADAPTIVE FILTER REALIZATIONS FOR SAMPLE STOCHASTIC PROCESSES WITH AN UNKNOWN PARAMETER
 DESIGN OF ADAPTIVE CONTROL SYSTEMS THROUGH UTILIZATION OF SENSITIVITY CONCEPTS
 A NONLINEAR ADAPTIVE ESTIMATION RECURSIVE ALGORITHM
 A PERFORMANCE CRITERION FOR ADAPTIVE PATTERN CLASSIFICATION SYSTEMS
 SIGNAL ANALYSIS METHODS FOR ADAPTIVE CONTROL SYSTEMS
 THE PROBLEM OF MULTIPARAMETER ADAPTIVE SYSTEMS HAVING SPECIFIED POLES AND ZEROS
 UNSUPERVISED LEARNING MINIMUM RISK ADAPTIVE PATTERN CLASSIFICATION
 HAYESIAN APPROACH TO THE OPTIMIZATION OF ADAPTIVE SYSTEMS

AFOSR67-0452
 AFOSR68-0233
 AFOSR68-1267
 AFOSR67-1593
 AFOSR68-0030
 AFOSR68-0039
 AFOSR68-0279
 AFOSR68-1178
 AFOSR68-1367
 AFOSR67-0833
 AFOSR67-1586
 AFOSR68-0005
 AFOSR68-1818
 AFOSR67-0831
 AFOSR68-2834
 AFOSR67-0765
 AFOSR67-1889
 AFOSR68-0361

ADDITION

ADDITION RADICALS FORMED BY HYDROXYL RADICAL BOMBARDMENT OF URACIL
 THE ADDITION OF GRIGNARD REAGENTS TO VINYL SILANES
 HYDROGEN ADDITION RADICALS OF STILBESTROL HEXESTROL AND BENZESTROL
 A NONMULK ADDITION TECHNIQUE FOR ASSOCIATIVE PROCESSORS
 RADIATIVE ENERGY ADDITION BEHIND A SHOCKWAVE
 THE CHEMISTRY OF CARBANIONS XVII THE ADDITION OF METHYL ORGANOMETALLIC REAGENTS TO CYCLOHEXENONE DERIVATIVES
 ELECTRON SPIN RESONANCE STUDY OF HYDROGEN ADDITION AND - REPLACEMENT REACTIONS IN SOME PYRIMIDINE COMPOUNDS
 STEREOCHEMICAL COURSE OF THE FREE-RADICAL ADDITION OF HYDROGEN BROMIDE TO 1-CHLORO-4-T-BUTYL CYCLOHEXENE
 1-ASYMMETRIC INDUCTION IN STEREOSPECIFIC ADDITION POLYMER
 PROPANONES V INHIBITION OF POLYMERIZATION AND ADDITION OF ACIDS
 CHEMISTRY OF CARBANIONS XIV FACTORS INFLUENCING THE RATE OF ADDITION OF DIMETHYLMAGNESIUM TO BENZOPHENONE
 CHEMISTRY OF CARBANIONS XII THE ROLE OF COPPER IN THE CONJUGATE ADDITION OF ORGANOMETALLIC REAGENTS
 THE SPARSA ATMOSPHERIC ELECTRICITY DETECTION SYSTEM AS MODIFIED BY THE ADDITION OF THE IMAGE STORAGE TUBE
 BOUNDARY LAYER CHARACTERISTICS FOR HYPERSONIC FLOW WITH AND WITHOUT MASS ADDITION, FINAL REPORT JAN 1968
 AN INVESTIGATION OF METHODS OF PRODUCING SULFUR TRIOXIDE IN JET EXHAUSTS THROUGH ADDITION OF FUEL ADDITIVES TO JPA
 RIPOLAR EXPANSION OF SCREENED COULOMB POTENTIALS HELMHOLTZ SOLID HARMONICS AND THEIR ADDITION THEOREMS
 STUDIES IN STEREOCHEMISTRY XXXVIII OPEN-CHAIN VS CYCLIC MODELS FOR 1-3-ASYMMETRIC INDUCTION IN ADDITION REACTIONS

AFOSR67-0018
 ARL 68-1067
 AFOSR68-1821
 AFOSR67-1108
 ARL 67-1816
 AFOSR68-2487
 AFOSR67-2282
 AFOSR68-2884
 AFOSR68-2442
 AFOSR67-1826
 AFOSR68-2466
 AFOSR67-1432
 AFOSR67-0183
 ARL 68-0002
 AFCL68-0287
 AFOSR67-1843
 AFOSR68-2443

ADDITION-METALATION

ORGANOLITHIUM COMPOUNDS AND ACETYLENES IV SEQUENCE OF ADDITION-METALATION IN THE REACTION OF ORGANOLITHIUM COMPOUNDS

AFOSR68-2066

ADDITIVE

CAPACITY OF AN ADDITIVE GAUSSIAN COLORED NOISE CHANNEL WITH NOISELESS FEEDBACK ALLERTON CONFERENCE ON CIRCUIT AND SOME REMARKS ON CONTINUOUS ADDITIVE FUNCTIONALS

AFOSR68-2531
 AFOSR68-0411

ADDITIVES

ELECTRON ATTACHING ADDITIVES FOR THE MODIFICATION OF RE-ENTRY PLASMAS
 A STUDY OF THE USE OF CHEMICAL ADDITIVES FOR THE ALLEVIATION OF THE PLASMA SHEATH PROBLEM
 AN INVESTIGATION OF METHODS OF PRODUCING SULFUR TRIOXIDE IN JET EXHAUSTS THROUGH ADDITION OF FUEL ADDITIVES TO JPA

AFCL67-0214
 AFCL67-0493
 AFCL68-0257

ADDUCT

M AND F NUCLEAR MAGNETIC RESONANCE SPECTRA OF THE ADDUCT OF SUB3HSUB20 /BORON TRIFLUORIDE - MONOHYDRATE/

AFOSR67-1270

ADDUCTS

EXTRINSIC COTTON EFFECTS IN DYE-BOVINE PLASMA ALBUMIN ADDUCTS

AFOSR68-0312

ADENOSINETRIPHOSPHAT

EFFECTS OF MAGNESIUM AND CALCIUM IONS ON THE ADENOSINETRIPHOSPHATASE ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC

AFOSR67-2249

ADIABATIC

ADIABATIC PULSATIONS AND CONVECTIVE INSTABILITY OF GASEOUS MASSES
 A FURTHER ADIABATIC INVARIANCE OF THE ACTION INTEGRAL FOR THE HARMONIC OSCILLATOR
 DOPPLER CONVERSION AND ADIABATIC TIME DOMAIN CONVERSION OF ACOUSTIC AND SPIN WAVES
 NUMERICAL METHODS OF COMPUTING THREE-DIMENSIONAL TRAJECTORIES FOR ADIABATIC AND DIABATIC FLOWS
 THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON I A CORRECTION TO THE ADIABATIC

AFOSR67-2666
 AFOSR68-1003
 AFOSR67-0455
 AFCL68-0357
 AFCL68-0523

ADIABATICALLY

NO - O CHEMILUMINESCENT REACTION USING ADIABATICALLY EXPANDED NITRIC OXIDE

AFOSR67-1995

ADJECTIVALS

SOME DISCUSSION AND EXTENSION OF MANFRED BIERWISCHS WORK ON GERMAN ADJECTIVALS

AFCL68-3055

ADMINISTRATIVE

POSITION OF THE COUNTY IN THE ADMINISTRATIVE SYSTEM

AFOSR68-2303

ADMITTANCE

ADMITTANCE OF A THICK MONOPOLE DRIVEN FROM A COAXIAL LINE
 CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN ELECTRICALLY THICK TUBULAR ANTENNA DRIVEN BY A VOLTAGE ACROSS A FINITE
 EXPERIMENTAL INVESTIGATION OF MUTUAL ADMITTANCE AND MICROWAVE BREAKDOWN OF SLOT ANTENNAS
 DETERMINATIONS OF STAFF-VARIABLE EQUATIONS FOR ADMITTANCE DESCRIPTIONS SUITABLE FOR THE COMPUTER
 FREQUENCY VARIATION OF THE MOS-TRANSISTOR V SUB D EQUALS 0 ADMITTANCE

FCRL-67-0533
 AFCL67-0377
 AFCL68-0578
 AFOSR68-2893
 AFOSR68-0592

ADRENAL

GREATER LOWERING OF BRAIN AND ADRENAL CATECHOLAMINES IN GROUP-HOUSED THAN IN INDIVIDUALLY-HOUSED MICE ADMINISTERED
 OCCURRENCE AND SOME PROPERTIES OF DOPAMINE CONTAINING GRANULES IN THE SHEEP ADRENAL

AFOSR68-1774
 AFOSR68-1736

ADRENALINE

THE EFFECT OF OXYTOCIN AND ADRENALINE ON BLOOD FLOW IN THE HIND LIMB OF THE DOG FOLLOWING CHRONIC LUMBAR SYMPATHECTOMY
 EFFECTS OF ATROPINE PSEPH AND ADRENALINE IN CATS WITH MESENCEPHALIC TRANSECTION AND IN THE ISOLATED HEMISPHERE CAT

AFOSR67-2572
 AFOSR67-2380

ADRENERGIC

R ADRENERGIC FINDINGS AND VESICLES ISOLATED FROM BRAIN
 REMARKABLE ADRENERGIC NERVES IN THE EXOCRINE PANCREAS
 INHIBITORY ACTION OF ADRENERGIC BLOCKING AGENTS ON CATECHOLAMINE RELEASE AND UPTAKE IN ISOLATED NERVE GRANULES
 SIMULTANEOUS DEMONSTRATION OF ADRENERGIC AND NON- ADRENERGIC NERVE FIBERS
 REUPTAKE OF NORADRENALINE IN ISOLATED ADRENERGIC NERVE GRANULES AND THE ACTION OF ATP
 REUPTAKE AND NET UPTAKE OF NORADRENALINE IN ADRENERGIC NERVE GRANULES WITH A NOTE ON THE AFFINITY FOR L- AND D-ISOMERS
 SIMULTANEOUS DEMONSTRATION OF ADRENERGIC AND NON- ADRENERGIC NERVE FIBERS
 MECHANISM OF DRUG-INDUCED CATECHOLAMINE RELEASE FROM ADRENERGIC NERVE GRANULES
 SOME FACTORS AFFECTING CATECHOLAMINE UPTAKE STORAGE AND RELEASE IN ADRENERGIC NERVE GRANULES
 EFFECT OF DIRECTLY AND INDIRECTLY ACTING SYMPATHOMIMETIC AMINES ON ADRENERGIC TRANSMITTER GRANULES

AFOSR67-1103
 AFOSR68-1016
 AFOSR67-0500
 AFOSR68-1649
 AFOSR68-0192
 AFOSR68-0311
 AFOSR68-1649
 AFOSR68-0467
 AFOSR68-0872
 AFOSR68-2729

ADREN-DEMEULLATED

CATECHOLAMINE EXCRETION IN ADREN-DEMEULLATED RATS EXPOSED TO COLD AFTER CHRONIC GUANETHIDINE TREATMENT

AFOSR67-0501

ADRENOCORTICOTROPIC

HYPOTHALAMIC SECRETORY FACTOR FOR ADRENOCORTICOTROPIC HORMONE FINAL REPORT NOV 1968

AFOSR68-2333

ADSORBED

ELECTROCHEMICAL MARKING WITH AN ADSORBED METAL COMPLEX DETERMINATION OF SILVER- - MERCURY MIXTURES
THERMAL AND MAGNETIC PROPERTIES OF ADSORBED PHASES OF HE-3 AND -4 AT LOW TEMPERATURES FINAL REPORT JULY 1968
CHEMICAL CHARACTERIZATION OF MOLECULES ADSORBED ON A FOREIGN SOLID FINAL REPORT NOV 1968
HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE X-BAND PARADAY ROTATION OF WATER ADSORBED ON HEMOGLOBIN

AFOSR68-0211
AFOSR68-2330
AFOSR68-2774
AFOSR67-2081

ADSORPTION

ADSORPTION OF POLAR COMPOUNDS ON AMORPHOUS BORON
ADSORPTION ON NIOBIUM/110, TANTALUM/110, AND VANADIUM/110 SURFACES
ADSORPTION ON SINGLE CRYSTAL PLANES, FINAL REPORT SEP 1967
ADSORPTION ON SINGLE CRYSTAL PLANES
THE ADSORPTION OF METAL CHELATE COMPLEXES FROM ORGANIC SOLUTIONS
REFRACTOMETER ADSORPTION IN TRANSIENTS AND AT SUB-FREEZING TEMPERATURES FINAL REPORT JUNE 1968
LEED STUDY OF EFFECTS OF GAS ADSORPTION ON THE MO 110 SURFACE
LEED STUDY OF EFFECTS OF GAS ADSORPTION ON THE MO 110 SURFACE
A LEED STUDY OF CO AND CO SUB 2 ADSORPTION ON MO 110
MOSSBAUER EFFECT SPECTRA OF AMMONIA ADSORPTION ON A SUPPORTED IRON CATALYST
CHROMOCOLLOMETRIC MEASUREMENT OF IODINE/111/ ADSORPTION FROM THIOCYANATE MEDIUM
INSTRUMENT FOR FUNCTIONAL READOUT OF CHROMOCOLLOMETRIC DATA APPLICATION TO CADMIUM ADSORPTION FROM IODIDE MEDIUM
APPLICATIONS ON NON-UNIFORM ELECTRIC FIELDS PART I - ELECTROPHORETIC EVALUATION OF ADSORPTION

AFOSR67-0696
ARL 67-0163
ARL 67-0196
ARL 67-1068
ARL 67-1017
AFOSR68-0413
ARL 68-0219
ARL 68-1221
ARL 68-0270
AFOSR67-2472
AFOSR68-0729
AFOSR67-0750
AFOSR67-1671

ADVANCED

ADVANCED ANTENNA TECHNIQUES FINAL REPORT APR 1967
ADVANCED OXIDIZER CHEMISTRY
ADVANCED OXIDIZER CHEMISTRY
ADVANCED OXIDIZER CHEMISTRY
ADVANCED OXIDIZER CHEMISTRY
ADVANCED OXIDIZER CHEMISTRY
ADVANCED OXIDIZER CHEMISTRY FINAL REPORT APRIL 1968
ADVANCED OXIDIZER CHEMISTRY
ADVANCED OXIDIZER CHEMISTRY
ADVANCED MATHEMATICAL RESEARCH FINAL REPORT SEPT 1968
ADVANCED OXIDIZER CHEMISTRY
ADVANCED CALCULUS
AN ADVANCED METEOROLOGICAL SOUNDING SYSTEM PHASE II /PROOF-OF-CONCEPT/
RESEARCH ON ADVANCED GAS DYNAMIC TEST FACILITIES FINAL REPORT APRIL 1967

AFOSR67-0317
AFOSR67-0384
AFOSR67-1521
AFOSR67-1596
AFOSR67-2443
AFOSR68-1207
AFOSR68-1209
AFOSR68-1571
AFOSR68-2088
AFOSR68-2099
AFOSR68-2446
ARL 68-1274
AFOSR67-0268
ARL 67-0069

ADVANCES

ADVANCES IN HOT WIRE ANEMOMETRY PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON HOT WIRE ANEMOMETRY FINAL REPORT JULY
ADVANCES IN MOLECULAR BIOLOGY AND PREDICTIONS FOR 2000 A.D.
RECENT ADVANCES IN THE CALCULATION OF TURBULENT BOUNDARY LAYERS
RECENT ADVANCES IN THE PHOTOCHEMISTRY OF AZO ALKANES
SOLAR ORBITALNESS AND THE PERHELION ADVANCES OF PLANETS

AFOSR68-1492
ARL 68-1010
ARL 67-1067
ARL 68-1068
AFOSR68-1842

AEROBEF

PROVIDE PAYLOAD FOR AFROSHEE ROCKET REFURBISH AND TEST A LUNAR POINTING CONTROL AND TELEMETRY SYSTEM FINAL REPORT NOV

AFOSR67-0647

AERODYNAMIC

AERODYNAMIC STUDY OF AN ARGON PLASMA
RECENT HYPERSONIC AERODYNAMIC RESEARCH AT ONERA /OFFICE NATIONAL DES ESSAIS ET LA RECHERCHE AEROSPATIALE/
AN INVESTIGATION OF AERODYNAMIC CONTROLS AT HYPERSONIC MACH NUMBERS FINAL REPORT MAY 1967
HEAT TRANSFER AND RELATED SUPERSONIC FLOW STRUCTURE FOR AERODYNAMIC REARWARD-FACING SURFACE STEPS
EXPERIMENTAL INVESTIGATION OF AN ELECTRIC ARC IN TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS
EXPERIMENTAL INVESTIGATIONS OF AN ELECTRIC ARC IN TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS

AFOSR68-0490
ARL 67-1168
ARL 67-0030
ARL 67-1279
ARL 67-0232
ARL 67-1073

AERODYNAMICS

AERODYNAMICS OF OSCILLATING DISKS AND A RIGHT-CIRCULAR CYLINDER
AERODYNAMICS OF THE HYPERSONIC SLIPPER BEARING
AN INVESTIGATION OF HYPERSONIC AERODYNAMICS AT HIGH ALTITUDES

ARL 67-0004
ARL 68-0026
ARL 68-1110

AEROELASTIC

AEROELASTIC STABILITY CHARACTERISTICS OF CYLINDRICAL SHELLS CONSIDERING IMPERFECTIONS AND EDGE CONSTRAINT
AN EXPERIMENTAL STUDY ON THE AEROELASTIC STABILITY OF THIN CYLINDRICAL SHELLS AT THE LOWER SUPERSONIC MACH NUMBERS
INTERACTION OF MECHANICAL AND AEROELASTIC INSTABILITIES OF A CIRCULAR CYLINDRICAL SHELL

AFOSR68-0382
ARL 67-0006
AFOSR67-0627

AEROLASTICIAN

EXPANDING THE CONSCIOUSNESS OF THE AEROLASTICIAN

AFOSR68-0925

AEROSOL

AEROSOL MEASUREMENTS IN THE TROPOSPHERE AND STRATOSPHERE

AFOSR67-0003

AEROSOLS

RELATION OF AEROSOLS TO ATMOSPHERIC FEATURES FINAL REPORT SEPT 1968
THE EFFECTS OF AEROSOLS IN THE ATMOSPHERE ON THE PROPAGATION OF MICROWAVE SIGNALS

AFOSR68-0360
AFOSR67-0822

AEROSPACE

AEROSPACE POWER AND BEHAVIORAL KNOWLEDGE
AEROSPACE RESEARCH IN ARC TECHNOLOGY AND ITS INDUSTRIAL APPLICATIONS
CHEMISTRY RESEARCH AT THE AEROSPACE RESEARCH LABORATORIES
FUNDAMENTAL PROBLEMS OF FUTURE AEROSPACE STRUCTURES FINAL REPORT SEPT 1967
RESEARCH IN OPTIMIZATION THEORY AND AEROSPACE APPLICATIONS FINAL REPORT APRIL 1968
RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO AEROSPACE PROBLEMS
RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO AEROSPACE PROBLEMS
MATHEMATICAL/STATISTICAL TECHNIQUE TO ESTIMATE MAXIMUM AEROSPACE VEHICLE RESPONSE TO WIND FINAL REPORT MAY 1967
MAGNETICALLY INDUCED PLASMA STREAMING AND ITS APPLICATION TO AEROSPACE TECHNOLOGY
PROGRAM AND PROBLEMS OF RESEARCH IN ARC TECHNOLOGY WITH RESPECT TO AEROSPACE APPLICATIONS

AFOSR68-0631
ARL 68-1325
ARL 67-1230
AFOSR67-2175
AFOSR68-1030
ARL 68-1313
ARL 68-1324
AFOSR67-0394
ARL 68-1319
ARL 68-1322

AFFECTIVE

A STUDY OF COGNITIVE AND AFFECTIVE ATTITUDES
NEURAL PATTERNS ASSOCIATED WITH AFFECTIVE RESPONSES FINAL REPORT FEB 1967

AFOSR68-2329
AFOSR67-1604

APPERTENT
VISCERAL APPERTENT ACTIVITY EFFECTS ON BRAIN STEM RETICULAR FORMATION FINAL REPORT JULY 1966
THE ACTIVITY OF APPERTENT NERVE FIBERS FROM THE VESTIBULAR ORGAN AND OF NEURONS IN THE VESTIBULAR NUCLEI OF
AFOSR66-0540
AFOSR66-0672

APPINITIES
THE MEASUREMENT OF ELECTRON APPINITIES BY THE GASEOUS ELECTRON CAPTURE TECHNIQUE
NON EQUILIBRIUM FLOW FIELD EQUATIONS TO WITHIN FIRST ORDER TERMS IN THE APPINITIES FINAL REPORT JULY 1966
AFOSR66-1283
AFOSR66-1026

APPINITY
REUPTAKE AND NET UPTAKE OF NORADRENALINE IN ADRENERGIC NERVE GRANULES WITH A NOTE ON THE APPINITY FOR L-AND D-ISOMERS
AFOSR66-0311

APPLUENCE
ON RELATIONS BETWEEN THE INFLUENCE APPLUENCE AND PHENOMENAL CONGRUENCE OF SCIENCES AS THEY AFFECT SOCIOLOGYS FUTURE
AFOSR66-0680

AFTERBURNER
INFRARED RADIATION AND SUPPRESSION FROM THE EXHAUST PLUME OF JET AIRCRAFT DURING AFTERBURNER OPERATION
A STUDY OF RADIATION CHARACTERISTICS AND ITS SUPPRESSION FROM THE PLUME OF A JET AIRCRAFT DURING AFTERBURNER
A STUDY OF INFRARED RADIATION AND ITS SUPPRESSION FROM THE EXHAUST PLUMES OF JET AIRCRAFT DURING AFTERBURNER
ARL 66-1433
ARL 67-0271
ARL 66-1301

AFTERGLOW
AFTERGLOW STUDIES IN NITROGEN
A THEORY OF THE AURORAL AFTERGLOW OF NITROGEN
ION CONVERSION IN AN ARGON AFTERGLOW
AFCL67-0423
AFCL67-0252
AFOSR66-2250

AFTERGLOWS
A COMPUTER CODE FOR RECOMBINATION AND DIFFUSION CONTROLLED AFTERGLOWS
AFOSR66-1854

AFTERSHOCK
AFTERSHOCK SEQUENCES OF SOME LARGE EARTHQUAKES IN THE REGION OF GREECE
I - AFTERSHOCK P-WAVE SPECTRA AND DYNAMIC FEATURES OF THE FEBRUARY 4 1965 ALEUTIAN ISLANDS EARTHQUAKE SEQUENCE - II -
THE JUNE 21 1967 EARTHQUAKE SERIES AT FAIRBANKS ALASKA AFTERSHOCK LOCATIONS DEPTHS AND MAGNITUDES
THE FOCAL MECHANISM OF THE ALASKA EARTHQUAKE OF MARCH 28 1964 AND OF ITS AFTERSHOCK SEQUENCE
AFOSR66-0007
AFCL67-0141
AFOSR67-2860
AFCL67-0023

AFTERSHOCKS
AFTERSHOCKS AND MICROAFTERSHOCKS OF THE GREAT ALASKA EARTHQUAKE OF 1964
FOCAL DEPTHS OF AFTERSHOCKS
FREE OSCILLATIONS AFTERSHOCKS AND 0
PRELIMINARY STUDY OF THE AFTERSHOCKS IN THE CENTRAL ANDES
AFCL66-0396
AFCL66-0395
AFOSR67-1228
AFOSR67-2070

AGARD
SURFACE EFFECTS IN SEEDED COMBUSTION PRODUCTS /PROCEEDINGS OF A SPECIALISTS MEETING AGARD PROPULSION AND ENERGETICS
AFOSR67-1216

AGENTS
OXIDATION OF SOME CHELATING AGENTS AND COMPLEXES WITH ALKALINE FERRICYANIDE
INHIBITORY ACTION OF ADRENERGIC BLOCKING AGENTS ON CATECHOLAMINE RELEASE AND UPTAKE IN ISOLATED NERVE GRANULES
HALOGENATED ORGANOTIN COMPOUNDS AS EX SUB2 TRANSFER AGENTS
DETERMINATION OF TRACE METALS USING COORDINATION CHAIN REACTIONS WITH MASKING AGENTS AND WITH AUTOMATED RATE
AFOSR67-2832
AFOSR67-0500
AFOSR67-0203
AFOSR67-2653

AGGRESSION
DISCUSSION OF AGGRESSION DEFENSE AND NEUROHUMORS - PAPER BY ALAN B ROTHBALLER PROCEEDINGS OF THE FIFTH CONFERENCE ON
BRAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL MECHANISMS AND SOCIAL PATTERNS UCLA FORUM IN MEDICAL SCIENCES
AFOSR66-1877
AFOSR66-1341

AGGRESSIVE
RAPID MODIFICATION OF ISOLATION-INDUCED AGGRESSIVE BEHAVIOR AND ELEVATION OF BRAIN CATECHOLAMINES AND SEROTONIN BY THE
AFOSR66-2732

AGING
THE INFLUENCE OF AGING ON THE LOW-TEMPERATURE YIELD POINT IN IRON
ARL 67-1251

AGRICULTURE
AGRICULTURE AS THE FOUNDATION
AFOSR66-2543

AIR-BREATHING
HYPERSONIC AIR-BREATHING PROPULSION
AFOSR67-0842

AIR-DELIVERED
THE AIR-DELIVERED WHITE LIGHTNING MUNITION FINAL REPORT MAR 1967
AFATL67-0015

AIR-SEA
AIR-SEA WAVES FROM THE EXPLOSION OF KRAKATOA
THE KRAKATOA AIR-SEA WAVES AN EXAMPLE OF PULSE PROPAGATION IN COUPLED SYSTEMS
OPTICAL SYSTEMS FOR NIGHT TIME AIR-SEA RESCUE
AFOSR67-0307
AFOSR66-1433
ARL 67-1323

AIR-SHOWERS
THREE-DIMENSIONAL MONTE CARLO SIMULATION OF EXTENSIVE AIR-SHOWERS
AFOSR66-0576

AIRBORNE
AIRBORNE ELECTRONIC ULTRA-FAST SCANNING SPECTROMETER
AIRBORNE RECONNAISSANCE MAGNETOMETER SYSTEM /U/ FINAL REPORT DEC 1967
AIRBORNE MEASUREMENTS OF THE IONOSPHERE FINAL REPORT JAN 1968
AIRBORNE RECONNAISSANCE MAGNETOMETER SYSTEM (U) FINAL REPORT JUNE 1968
A DIGITAL AIRBORNE METEOROLOGICAL DATA COLLECTION SYSTEM
FEASIBILITY STUDY FOR AIRBORNE ICE-CRYSTAL DISOROMETER FINAL REPORT SEPT 1968
GAIN COMPENSATED PHOTOPOLARIMETER FOR AIRBORNE MEASUREMENTS OF SKYLIGHT POLARIZATION
A FEASIBILITY AND DESIGN STUDY FOR AN AIRBORNE RADIOMETRIC SYSTEM TO MEASURE REMOTELY THE VERTICAL PROFILE OF
SCATTERING AND REFLECTANCE OF LIGHT FROM AIRBORNE LASER SYSTEMS
AFCL67-0220
AFCL67-0694
AFCL66-0106
AFCL66-0359
AFCL67-0420
AFCL66-0519
AFCL67-0396
AFCL66-0107
AFCL66-0479

AIRCRAFT

AIRCRAFT INSTRUMENTATION TO MEASURE CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED IONOSPHERIC SOUNDERS IN AIRCRAFT
 CLEAR LIMITS-OF-SIGHT FROM AIRCRAFT
 DEVELOPMENT OF AN EXPERIMENTAL AIRCRAFT HYGROMETER FINAL REPORT OCT 1967
 ARL RESEARCH APPLICATIONS TO V/SOL AIRCRAFT
 RADIATION AND RECEPTION OF ELECTROMAGNETIC ENERGY FROM AIRCRAFT AND GUIDED MISSILES FINAL REPORT DEC 1967
 STUDY OF THE CONTROL OF ELECTROMAGNETIC RADIATION FROM AIRCRAFT AND SPACE VEHICLES FINAL REPORT MAR 1968
 A STATISTICAL MODEL OF THE TEMPERATURE FIELD AT SUPERSONIC AIRCRAFT ALTITUDES
 INFRARED RADIATION AND SUPPRESSION FROM THE EXHAUST PLUME OF JET AIRCRAFT DURING AFTERBURNER OPERATION
 A STUDY OF RADIATION CHARACTERISTICS AND ITS SUPPRESSION FROM THE PLUME OF A JET AIRCRAFT DURING AFTERBURNER
 A STUDY OF INFRARED RADIATION AND ITS SUPPRESSION FROM THE EXHAUST PLUMES OF JET AIRCRAFT DURING AFTERBURNER
 THE TURBULENCE CLIMATOLOGY OF THE UNITED STATES BETWEEN 20,000 AND 45,000 FEET ESTIMATED FROM AIRCRAFT REPORTS AND STRENGTH RESPONSE PARAMETERS OF NATURAL SOIL SURFACES AND THEIR APPLICATION TO THE LANDING PROBLEM OF AIRCRAFT

AFCL67-0049
 AFCL68-0369
 AFCL67-0438
 AFCL67-0408
 ARL 68-1401
 AFCL68-0071
 AFCL68-0206
 AFCL67-0274
 ARL 68-1413
 ARL 67-0271
 ARL 68-1301
 AFCL68-0337
 AFCL67-0583

AIRFOIL

SOLUTION OF THE TRANSONIC AIRFOIL PROBLEM THROUGH PARAMETRIC DIFFERENTIATION

AFOSR67-1104

AIRFOILS

STALL PROPAGATION IN A CASCADE OF AIRFOILS

AFOSR68-2304

AIRGLOW

AIRGLOW OBSERVATIONS AND RESEARCH FINAL REPORT DEC 1966
 STUDIES OF AIRGLOW AND AURORA PHENOMENA USING INSTRUMENTATION TECHNIQUES FINAL REPORT MAR 1967
 DOPPLER PROFILES OF THE 5577 Å AIRGLOW
 A ROCKET INSTRUMENT FOR THE MEASUREMENT OF DAY AIRGLOW
 BALLOON-BORNE OBSERVATIONS OF BRIGHTNESS VARIATIONS IN THE 1.27 MICRON BAND OF OXYGEN IN THE DAY AND TWILIGHT AIRGLOW

AFCL67-0029
 AFCL67-0431
 AFCL67-0441
 AFCL67-0257
 AFCL68-0157

AIRLOADS

SUBSONIC OSCILLATORY OR STEADY AIRLOADS ON WINGS WITH CONTROL SURFACES AND OTHER DISCONTINUITIES

AFOSR68-0414

AIRMAN

AIRMAN QUALIFYING EXAMINATION-66 ADMINISTERED AS A CONFIDENCE TEST

AFOSR68-2182

AIRSTREAM

NONLINEAR OSCILLATIONS OF ELASTIC PANELS IN A SUPERSONIC NONVISCIOUS AIRSTREAM
 ATOMIZATION AND VAPORIZATION OF A LIQUID SHEET EXPOSED TO A SUPERSONIC AIRSTREAM

AFOSR68-1891
 AFOSR68-1821

AIRYS

AN EXTENSION OF AIRYS EQUATION

AFOSR68-0335

ALASKA

THE FOCAL MECHANISM OF THE ALASKA EARTHQUAKE MARCH 28 1964 AND OF ITS AFTERSHOCK SEQUENCE
 SEISMIC STITCHES FROM THE MARCH 1964 ALASKA EARTHQUAKE
 TECTONIC MOVEMENT AND DEFORMATION RELEASE IN ALASKA FINAL REPORT JUNE 1968
 AFTERSHOCKS AND MICROAFTERSHOCKS OF THE GREAT ALASKA EARTHQUAKE OF 1964
 THE JUNE 21 1967 EARTHQUAKE SERIES AT FAIRBANKS ALASKA AFTERSHOCK LOCATIONS DEPTHS AND MAGNITUDES
 LARGE APERTURE SEISMIC TELEMETERING SYSTEM FOR CENTRAL ALASKA

AFCL 67-0073
 AFCL 68-0604
 AFOSR68-1933
 AFCL 68-0396
 AFOSR67-2880
 AFOSR67-2151

ALBEDO

MEASUREMENT OF PRIMARY AND ALBEDO COSMIC RAYS ON A POLAR ORBITING SATELLITE
 INFLUENCE OF SINGLE SCATTERING ALBEDO ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS

AFOSR67-2525
 AFCL 67-0410

ALBUMIN

EXTRINSIC COTTON EFFECTS IN DYE-BOVINE PLASMA ALBUMIN ADDUCTS

AFOSR68-0312

ALCOHOL

ORBITAL WAVEFUNCTIONS FOR ETHANE METHYL ALCOHOL AND HYDROGEN PEROXIDE
 BURNING VELOCITIES IN MIXTURES OF METHYL ALCOHOL FORMALDEHYDE OR FORMIC ACID WITH OXYGEN

AFOSR67-2469
 AFOSR68-1203

ALCOHOLS

ION-MOLECULE REACTIONS IN ALCOHOLS
 PROTONATION IN ACETONITRILE OF WATER ALCOHOLS AND DIETHYL ETHER
 DIELECTRIC RELAXATION IN ISOMETRIC OCTYL ALCOHOLS
 DIELECTRIC STUDY OF INTERMOLECULAR ASSOCIATION IN ISOMETRIC OCTYL ALCOHOLS
 MALONETHYL METAL COMPOUNDS IN THE REACTION OF PHENYL BROMODICHLOROPHTHYL MERCURY WITH ALCOHOLS
 NONPLANAR CYCLOBUTANE I THE 3-ISOPROPYLCYCLOBUTYL SYSTEM NUCLEAR MAGNETIC RESONANCE SPECTRA OF ALCOHOLS AND AMINES

ARI 67-1107
 AFOSR68-2210
 AFOSR68-2241
 AFOSR68-2207
 AFOSR67-0201
 AFOSR67-0647

ALDEHYDE

REACTIONS OF ACETYLENIC KETONES AND AN ALDEHYDE WITH PHOSPHORUS PENTACHLORIDE

AFOSR67-0919

ALDOSE

CHARACTERISTICS OF ALDOSE VARIABILITY
 ON THE TISSUE SPECIFICITY AND BIOLOGICAL SIGNIFICANCE OF ALDOSE C IN THE CHICKEN

AFOSR68-0310
 AFOSR67-0765

ALFVEN

ON THE STRUCTURE OF ALFVEN SHOCKS
 THEORY OF THE DAMPING OF ALFVEN WAVES IN BISMUTH METAL
 PRODUCTION AND PROPAGATION OF PLASMOIDS IN A NONLINEAR ALFVEN WAVE

AFOSR67-0290
 AFOSR68-0591
 AFOSR68-2677

ALGAE

THE FORMATION OF VERDOHAEMOCHROME FROM PYRIDINE PROTOHAEMOCHROME BY EXTRACTS OF RED ALGAE AND OF LIVER

AFOSR68-0511

ALGEBRA

ALGEBRA AUTOMATA I PARALLEL PROGRAMMING AS A PROLEGOMENA TO THE CATEGORICAL APPROACH
 ALGEBRA AUTOMATA II THE CATEGORICAL FRAMEWORK FOR DYNAMIC ANALYSIS
 THE ALGEBRA OF SCALAR AND VECTOR VECTOR STRENGTHS IN HPGGE RESIDUES
 CURRENT ALGEBRA AND NONFOTONIC DECAYS
 A CURRENT ALGEBRA RELATION BETWEEN PCAC AND VECTOR MESON DOMINANCE
 GAUGE-FIELD ALGEBRA TOPI-MESON METHODS AND DIVERGENCES

AFOSR68-1451
 AFOSR68-0654
 AFOSR67-0274
 AFOSR68-1011
 AFOSR67-0771
 AFOSR68-0214

ALGEBRA

- CONTINUED

MAXIMAL IDEALS IN THE ALGEBRA OF BOUNDED HOLOMORPHIC FUNCTIONS	AFOSR67-1362
REPRESENTATIONS OF THE ALGEBRA OF ALL OPERATORS IN HILBERT SPACE AND RELATED ANALYTIC FUNCTION ALGEBRAS	AFOSR67-2848
VECTOR AND SPINOR CURRENT ALGEBRA AND THE N/D METHOD	AFOSR67-1040
SUPERCONVERGENCE AND CURRENT ALGEBRA	AFOSR68-0584
SUPERCONVERGENCE AND CURRENT ALGEBRA FOR A SPIN ONE HALF TARGET	AFOSR68-1240
DYNAMICAL APPROACH TO CURRENT ALGEBRA	AFOSR67-1435
A GENERAL TREATMENT OF CURRENT ALGEBRA	AFOSR68-1259
A LIMITATION ON THE USE OF CURRENT ALGEBRA TECHNIQUES FOR MESON DECAYS	AFOSR67-2802
CHARACTERIZATION OF DERIVATIONS ON AN ALGEBRA OF MEASURES II	AFOSR68-2453
APPROACH TO CURRENTS AND THE DERIVATION OF CURRENT ALGEBRA	AFOSR67-2766
EARTH EXPANSION GENERAL RELATIVITY PROBLEMS OF ABSTRACT ALGEBRA FINAL JUNE 1967	ARL 67-0122
SCALE OF MESON AND BARYON COUPLINGS AND UNIVERSALITY IN THE ALGEBRA OF FACTORIZED RESIDUES	AFOSR68-2738
PERTURBATIVE APPROACH TO SUPERCONVERGENCE RELATIONS AND CURRENT ALGEBRA	AFOSR68-2215
REALIZATION OF LIE ALGEBRAS BY ANALYTIC FUNCTIONS OF GENERATORS OF A GIVEN LIE ALGEBRA	AFOSR68-2501
ALGEBRAIC	
ALGEBRAIC ASPECTS OF REGGE RECURRENCES	AFOSR67-1319
ALGEBRAIC STRUCTURE OF LINEAR DYNAMICAL SYSTEMS I THE MODULE OF SIGMA	AFOSR67-1469
ALGEBRAIC ASPECTS OF THE THEORY OF DYNAMICAL SYSTEMS	AFOSR67-2388
ALGEBRAIC STRUCTURE OF SUPERCONVERGENCE RELATIONS	AFOSR67-2459
ALGEBRAIC CLASSIFICATION OF REGGE POLES	AFOSR68-1142
AN ALGEBRAIC TREATMENT OF FLUCTUATIONS OF SUMS OF RANDOM VARIABLES	AFOSR68-1642
REMARKS ON ALGEBRAIC DECOMPOSITION OF AUTOMATA	AFOSR68-1930
ANALYTIC AND ALGEBRAIC RELATIONS BETWEEN SOME CLASSICAL QUANTUM - MECHANICAL PROBLEMS	AFOSR68-1214
RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODES	AFOSR67-0365
RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODES FINAL REPORT SEPT 1968	AFOSR68-0470
A GEOMETRIC CRITERION FOR ALGEBRAIC VARIETIES	AFOSR68-0705
ON PERIOD RELATIONS FOR ABELIAN INTEGRALS ON ALGEBRAIC CURVES	AFOSR67-2805
SURVEY OF COMPUTER LANGUAGES FOR SYMBOLIC AND ALGEBRAIC MANIPULATIONS PROCEEDINGS OF IPIPS CONFERENCE ON SYMBOL	AFOSR67-0811
HOLOMORPH CONVEXITY IN THE SPACE OF CYCLES OF AN ALGEBRAIC VARIETY	AFOSR67-1273
ABSTRACT BIOLOGICAL SYSTEMS AS SEQUENTIAL MACHINES III SOME ALGEBRAIC ASPECTS	AFOSR67-0901
UNIFORM ASYMPTOTIC EXPANSIONS OF INTEGRALS WITH STATIONARY POINT NEAR ALGEBRAIC SINGULARITY	AFOSR67-1625
THEORY OF DYNAMICAL SYSTEMS REPRESENTED BY DIFFERENTIAL EQUATIONS AND ALGEBRAIC STRUCTURES	AFOSR68-2209
ALGEBRAS	
ALGEBRAS WITH THE SAME MULTIPLICATIVE MEASURES	AFOSR68-0570
CURRENT ALGEBRAS APPLIED TO MESON STATES	AFOSR67-0577
CURRENT ALGEBRAS AND SU THREE VIOLATIONS	AFOSR67-0872
CURRENT ALGEBRAS AND THE DECAY	AFOSR67-1323
CURRENT ALGEBRAS IN A PERTURBATION THEORETIC MODEL	AFOSR67-1349
ON A CLASS OF C ALGEBRAS	AFOSR67-1712
POWER-ASSOCIATIVE ALGEBRAS IN WHICH EVERY SUBALGEBRA IS AN IDEAL	AFOSR67-1240
COCOMMUTATIVE HOPF ALGEBRAS	AFOSR67-1090
REALIZATION OF LIE ALGEBRAS BY ANALYTIC FUNCTIONS OF GENERATORS OF A GIVEN LIE ALGEBRA	AFOSR68-2501
CENTRAL IDEMPOTENTS IN GROUP ALGEBRAS	AFOSR67-0699
NOTE ON THE NUMBER OF FINITE ALGEBRAS	AFOSR68-2017
TRANSLATION-INVARIANT DIRICHLET ALGEBRAS ON COMPACT GROUPS	AFOSR67-0223
SOME OBSERVATIONS ON ENVELOPING ALGEBRAS OF NONCOMPACT GROUPS	AFOSR67-0673
INHOMOGENIZATIONS OF SEMI-SIMPLE LIE ALGEBRAS	AFOSR67-0549
REPRESENTATION THEORY OF LOCAL CURRENT ALGEBRAS	AFOSR68-0926
FUNCTIONAL REPRESENTATION OF TOPOLOGICAL ALGEBRAS	AFOSR68-2478
ON IRREDUCIBLE REPRESENTATION OF A CLASS OF ALGEBRAS AND RELATED PROJECTIVE REPRESENTATIONS	AFOSR67-0793
MUTUALLY RECIPROCAL CONTRACTION AND EXPANSION OF CERTAIN LIE ALGEBRAS	AFOSR67-0550
REPRESENTATIONS OF THE ALGEBRA OF ALL OPERATORS IN HILBERT SPACE AND RELATED ANALYTIC FUNCTION ALGEBRAS	AFOSR67-2848
ALGOL	
FORMULA ALGOL MANUAL	AFOSR68-0836
A PRELIMINARY SKETCH OF FORMULA ALGOL	AFOSR67-2207
ALGORITHM	
AN ALGORITHM FOR THE SOLUTION OF THE TWO-DIMENSIONAL HIDDEN-LINE PROBLEM	AFOSR68-0871
AN ALGORITHM FOR CONSTRUCTING IRREDUCIBLE REALIZATION OF TIME INVARIANT SYSTEMS	AFOSR68-1351
AN ALGORITHM FOR THE ANALYSIS AND DESIGN OF LINEAR STATE VARIABLE FEEDBACK SYSTEMS	AFOSR68-2049
PARTIAL ALGORITHM PROBLEMS FOR CONTEXT FREE LANGUAGES	AFOSR67-0024
SOME TECHNIQUES FOR ALGORITHM OPTIMIZATION WITH APPLICATION TO MATRIX ARITHMETIC EXPRESSIONS	AFOSR68-2641
THE RATE OF CONVERGENCE OF AN ALGORITHM FOR RECOVERING FUNCTIONS FROM NOISY MEASUREMENTS TAKEN AT RANDOMLY SELECTED	AFOSR68-2349
A GENERALIZED STEEPEST DESCENT ALGORITHM FOR MULTISTAGE OPTIMIZATION PROCESSES FINAL REPORT JUNE 1968	ARL 68-0002
AN EFFICIENT CONTEXT-FREE PARSING ALGORITHM	AFOSR68-2105
A NONLINEAR ADAPTIVE ESTIMATION RECURSIVE ALGORITHM	AFOSR68-1918
ERROR BOUNDS FOR CONVOLUTIONAL CODES AND AN ASYMPTOTICALLY OPTIMUM DECODING ALGORITHM	AFOSR67-1927
ALGORITHMIC	
AN ALGORITHMIC METHOD FOR ORGANIZING CHECKING EXPERIMENTS	AFOSR68-1082
ALGORITHMS	
COMPUTATIONAL ALGORITHMS IN OPTIMAL CONTROL	AFOSR67-1678
TERMINATION OF ALGORITHMS	AFOSR68-1302
APPROXIMATE SOLUTION ALGORITHMS FOR NONLINEAR FILTER PROBLEMS	AFOSR68-2026
SENSITIVITY ANALYSIS OF DISCRETE FILTERING AND SMOOTHING ALGORITHMS	AFOSR68-2045
LARGE AND SMALL SCALE SENSITIVITY ANALYSIS OF OPTIMUM ESTIMATION ALGORITHMS	AFOSR68-2027
ALKALI	
REACTIONS OF ALKALI METAL DERIVATIVES OF METAL CARBONYLS VIII PREPARATION PROTONATION AND ALKYLATION OF SODIUM	AFOSR67-0602
F AND M TRAPS IN ALKALI HALIDES STUDIED BY MEANS OF PHOTOSTIMULATED THERMOLUMINESCENCE	AFOSR67-1342
OPTICAL PUMPING IN ALKALI METAL VAPORS FINAL REPORT FEB 1968	AFOSR68-1768
STUDY OF KINETICS OF ALKALI METAL DEPOSITION IN NONAQUEOUS SOLUTIONS FINAL REPORT OCT 1968	AFOSR68-0560
ON DIPOLE CENTERS IN ALKALI HALIDES	AFOSR68-1458
SOLID STATE STUDIES OF ALKALI METALS IN TRANSITION-METAL OXIDES	AFOSR67-2739
CRYSTAL GROWTH STUDIES OF THE ALKALI METALS THE RARE EARTHS AND COBALT FINAL REPORT AUG 1967	AFOSR67-1892
TRAPPED EXCITON STATES IN THE ALKALI HALIDES	AFOSR67-1155
LIFETIMES OF RESONANCE STATES IN ALKALI ATOMS	AFOSR67-0689
DETECTION OF MERCURIC CYANIDE AND ALKALI HALIDES IN PRESENCE OF ALKALI CYANIDE	ARL 67-0097
NUCLEAR SPIN-LATTICE RELAXATION IN ALKALI HALIDES AT LOW TEMPERATURES	AFOSR67-1353
LIFETIME OF THE TRIPLET M CENTER IN ALKALI HALIDE CRYSTALS	AFOSR68-1116
INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES I SENSITIZED FLUORESCENCE AND QUENCHING IN CS- NSUB2	AFOSR67-1144
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS II ENERGY TRANSFER IN COLLISIONS BETWEEN SODIUM AND INERT GAS ATOMS	AFOSR67-2204
INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES II THE QUENCHING OF SODIUM RESONANCE RADIATION BY N	AFOSR67-2675
MODIFIED INTERIOMIC POTENTIAL FOR THE ALKALI METALS	AFOSR68-0702
EVIDENCE FOR RESONANT-WING SIDEBANDS IN ALKALI HALIDES	AFOSR67-1445

ALKALI - CONTINUED

PRECISION AND THE OPTICAL PROPERTIES OF THE ALKALI HALIDES / ABSTRACT ONLY/ CYCLOTRON RESONANCE OF THE PLASMA IN CERTAIN ALKALI HALIDES STRONG-COUPLING THEORY OF PARAELECTRIC IMPURITIES IN ALKALI HALIDES COLLISIONAL DISALIGNMENT OF MAGNETICALLY ORIENTED SUPER SP ALKALI ATOMS DETECTION OF MERCURIC CYANIDE AND ALKALI HALIDES IN PRESENCE OF ALKALI CYANIDE COLLISIONAL EXCITATION TRANSFER BETWEEN THE 2P1/2 AND 2D3/2 LEVELS IN ALKALI ATOMS	AFOSR67-1386 AFOSR68-0177 AFOSR67-1860 AFOSR68-1123 ARL 67-0097 AFOSR67-0017
ALKALI-HALIDE	
IMPURITY-INDUCED SECOND-HARMONIC INFRARED ABSORPTION AND RAMAN SCATTERING BY D-CENTER LOCALIZED MODES IN ALKALI-HALIDE	AFOSR68-0024
ALKALINE	
OXIDATION OF SOME CHELATING AGENTS AND COMPLEXES WITH ALKALINE FERRICYANIDE	AFOSR67-2832
ALKALIS	
USE OF DPM WAVE FUNCTIONS FOR INTERBAND ABSORPTION IN THE ALKALIS	AFOSR67-1719
ALKANECARBOXYLATES	
RELATIVE RATE CONSTANTS FOR ANODIC OXIDATIONS OF POTASSIUM ALKANECARBOXYLATES	AFOSR68-2008
ALKANES	
IONIC PROCESSES IN CYCLIC ALKANES ION-MOLECULE REACTIONS IN NORMAL ALKANES. HYDRIDE ION TRANSFER. EQUATION-OF-STATE PARAMETERS FOR NORMAL ALKANES CORRELATION WITH CHAIN LENGTH RECENT ADVANCES IN THE PHOTOCHEMISTRY OF AZO ALKANES	ARL 68-1435 ARL 68-1120 AFOSR68-0718 ARL 68-1068
ALKAROMATIC	
ALKAROMATIC CHLOROCARBONS SYNTHESIS AND PROPERTIES OF ALKAROMATIC CHLOROCARBONS; FINAL REPORT JUN 1968	ARL 67-1118 ARL 68-0107
ALKENES	
OXIDATIONS OF ACYCLIC ALKENES LIQUID PHASE OXIDATIONS OF CYCLIC ALKENES II EFFECTS OF EXPERIMENTAL VARIABLES IN OXIDATIONS OF ALKENES	AFOSR67-0900 AFOSR68-0359 AFOSR67-0905
ALKYL	
SOME ALKYL SILANE CHEMISTRY THE PHOTOLYSIS OF ALKYL NITRILES IN ALKOLIC MEDIA ION-MOLECULE REACTIONS IN ALKYL HALIDES ION-MOLECULE REACTIONS IN ALKYL HALIDES II. METHYL AND ETHYL BROMIDES FORMATION AND OXIDATION OF ALKYL RADICALS BY COBALT /III/ COMPLEXES THERMAL RACEMIZATION OF DIARYL ALKYL ARYL AND DIALKYL SULFOXIDES BY PYRAMIDAL INVERSION INHIBITION OF THE HYDROGEN-OXYGEN REACTION BY ALKYL SILANES STRUCTURAL EFFECTS ON THE COMPLEXING ABILITY OF ALKYL DIPHENYLPHOSPHINATES WITH MAGNESIUM IODIDE MOLECULAR PHOTOCHEMISTRY V. PHOTOCYCLOADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND DISPROPORTIONATION AND COMBINATION REACTIONS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL AND ISOPROPYL ABSOLUTE CONFIGURATION AND OPTICAL ROTATORY DISPERSION OF METHYL ALKYL SULFOXIDES CYCLOPROPANONES--IX REACTIONS OF ACIDS AND AMINES WITH CYCLOPROPANONE AND SOME ALKYL CYCLOPROPANONES NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS III THE REACTION OF ALKYL	ARL 68-1432 AFOSR68-2842 ARL 67-1247 ARL 68-1119 AFOSR68-2509 AFOSR68-2490 AFOSR68-2864 AFOSR67-0751 AFOSR67-2185 ARL 67-1111 ARL 67-0208 AFOSR68-1720 AFOSR68-2513 AFOSR67-0707
ALKYLATION	
THE CHEMISTRY OF CARBANIONS X THE SELECTIVE ALKYLATION OF UNSYMMETRICAL KETONES THE CHEMISTRY OF CARBANIONS VIII THE INTRAMOLECULAR ALKYLATION OF KETYL RADICAL ANIONS THE CHEMISTRY OF CARBANIONS XV THE STEREOCHEMISTRY OF ALKYLATION OF 4-T-BUTYLCYCLOHEXANONE THE CHEMISTRY OF CARBANIONS XVI THE STEREOCHEMISTRY OF ALKYLATION OF THE 1-ACETYL AND 1-CYANO DERIVATIVES OF REACTIONS OF ALKALI METAL DERIVATIVES OF METAL CARBONYLS VIII PREPARATION PROTONATION AND ALKYLATION OF SODIUM	AFOSR67-1423 AFOSR67-1433 AFOSR68-2485 AFOSR68-2627 AFOSR67-0602
ALLEN	
VAN ALLEN BELT PLASMA PHYSICS CHANGES IN VAN ALLEN RADIATION ASSOCIATED WITH POLAR SUBSTANCES THE MAGNETIC FIELD AND ENERGY OF AN AXISYMMETRIC VAN ALLEN BELT	AFOSR67-0213 AFOSR68-1054 AFOSR68-0845
ALLERTON	
CAPACITY OF AN ADDITIVE GAUSSIAN COLOR NOISE CHANNEL WITH NOISELESS FEEDBACK ALLERTON CONFERENCE ON CIRCUIT AND	AFOSR68-2531
ALLOY	
SUPERCONDUCTIVITY IN THE ALLOY SYSTEM INDIUM-THALLIUM DISPERSED PARTICLE BEHAVIOR IN Y-NICKEL ALLOY FERROMAGNETISM IN /AUSUBAY/ GOLD VANADIUM ALLOY ELECTROHYDRODYNAMIC SPRAYING OF GALLIUM-INDIUM ALLOY REPEATED DISCONTINUOUS YIELDING OF 2024 ALUMINUM ALLOY A PSEUDOPOTENTIAL CALCULATION OF THE COSINE MIXED ALLOY SYSTEM SYMMETRY OF GROUND STATE IN A DILUTE MAGNETIC METAL ALLOY SUPERCONDUCTIVITY AND PARTICLES SIZE IN HETEROGENEOUS COPPER LEAD ALLOY /GERMAN/	AFOSR67-1052 AFOSR67-1577 AFOSR67-1675 AFOSR68-2196 AFOSR68-1836 ARL 67-1080 AFOSR68-0584 AFOSR67-0159
ALLOYS	
FIBER REINFORCED NI-CR ALLOYS FOR HIGH TEMPERATURE-HIGH STRENGTH APPLICATIONS FINAL REPORT JAN 1967 PROXIMITY EFFECTS IN EUTECTIC ALLOYS TRANSITION TEMPERATURE AND SPECIFIC HEAT ELECTRON STATES IN DILUTE DISORDERED ALLOYS MAGNETORESISTANCE OF DILUTE MAGNETIC ALLOYS ELECTRICAL RESISTIVITY OF DILUTE PONI ALLOYS LOCAL EXCHANGE ENHANCEMENT EFFECTS MECHANICAL PROPERTIES OF SOME TANTALUM ALLOYS PRECIPITATION STRENGTHENING IN AL-MG-ZN ALLOYS THE FORMATION OF POINT DEFECTS IN BINARY ALLOYS THE STUDY OF POINT DEFECTS IN CSCI ORDERED ALLOYS AND OTHER INTERMETALLIC COMPOUNDS FINAL REPORT NOV 1968 SELF-DIFFUSION IN NEAR EQUI-ATOMIC ORDERED ALLOYS LATTICE PARAMETERS OF IRON-RICH IRON-CALLIUM ALLOYS THE EFFECTIVE SUPERCONDUCTING HAMILTONIAN FOR ALLOYS WITH MAGNETIC IMPURITIES SIZE AND DISTRIBUTION OF G. P. ZONES IN AL-ZN ALLOYS SINGLET-TRIPLET FORMULATION FOR DILUTE MAGNETIC ALLOYS I S-D EXCHANGE MODEL SINGLET-TRIPLET FORMULATION FOR DILUTE MAGNETIC ALLOYS II THE ANDERSON MODEL THE ACTIVITY OF COPPER IN SOLID COPPER-PLATINUM ALLOYS AND SOME OBSERVATIONS ON THE ORDERING OF CUSUBJPT OPTICAL PROPERTIES OF SOLID RARE GASES AND THEIR ALLOYS /ABSTRACT ONLY/	ARL 67-0049 AFOSR68-0336 AFOSR68-1825 AFOSR68-1829 AFOSR68-0930 AFOSR67-1267 ARL 67-1156 ARL 68-1152 AFOSR68-2844 ARL 67-1153 AFOSR67-1224 AFOSR68-0906 ARL 67-1150 AFOSR68-1963 AFOSR68-2452 ARL 67-0247 AFOSR67-1384

LOW TEMPERATURE SPECIFIC HEAT OF DILUTE MAGNETIC ALLOYS	AFOSR68-0821
SUPERCONDUCTIVITY OF RHENIUM AND SOME RHENIUM-OSMIUM ALLOYS AT HIGH PRESSURE	AFOSR68-0661
THE FROST SURFACE OF ALUMINUM AND DILUTE ALUMINUM-ZINC ALLOYS	AFOSR67-0435
DIFFUSION IN NEAR-EQUILIBRIUM ORDERED GOLD-CADMIUM ALLOYS	AFOSR67-1171
THE KINETICS OF MUSTITE SCALE FORMATION ON IRON-NICKEL ALLOYS	AFOSR67-2690
TRANSITION TEMPERATURE OF LEAD-INDIUM AND LEAD-THALLIUM ALLOYS	AFOSR68-1558
MAGNETIC PROPERTIES OF SUPERCONDUCTING MOLYBDENUM-RHENIUM ALLOYS	AFOSR67-1010
TEMPERATURE SENSITIVE DUCTILITY IN FACE CENTERED CUBIC COPPER ALLOYS	AFML 67-0082
ELECTRON AND PHONON EFFECTS IN SUPERCONDUCTING FCC LEAD-BASED ALLOYS	AFOSR67-1773
MICROSCOPIC EVIDENCE FOR A SPIN-COMPENSATED STATE IN DILUTE FE-CU ALLOYS	AFOSR67-1841
ON THE NATURE OF MASSIVE PHASES IN HYPOTHECTOID COPPER GALLIUM ALLOYS	AFOSR67-1415
MICROWAVE FLUX-FLOW DISLOCATION IN PARAMAGNETICALLY-LIMITED TI-V ALLOYS	AFOSR67-1741
SUPERCONDUCTING TRANSITIONS IN BODY-CENTERED CUBIC THALLIUM-INDIUM ALLOYS	AFOSR67-1237
ANOMALOUS CONCENTRATION DEPENDENCE OF RESISTIVITY IN DILUTE MAGNETIC ALLOYS	AFOSR68-1749
ENHANCED EFFECTIVE EXCHANGE INTERACTION DUE TO LOCALIZED SPINS IN DILUTE ALLOYS AND RARE EARTH METALS	AFOSR68-1023
RESEARCH ON THE STABILITY OF THE BODY-CENTERED-CUBIC STRUCTURE IN METALS AND ALLOYS FINAL REPORT AUG 1968	AFOSR68-1482
INTERPLAY BETWEEN C P ZONES PRECIPITATION AND STRENGTHENING IN ALUMINUM-ZINC ALLOYS	ARL 68-1161
MAGNETIC-FIELD DEPENDENCE OF THE HYPERFINE FIELD AT IRON IN DILUTE IRON-PALLADIUM ALLOYS	AFOSR68-1494
PATENT PROCESS OF FORMING PASSIVATING INTERNAL INSULATIONS BANDS IN SILVER-INDIUM ALLOYS	ARL 68-1145
EFFECT OF PARAMAGNETISM AND SPIN-ORBIT SCATTERING ON M SUB CSUB 2 OR ZIRCONIUM-NIONIUM ALLOYS	AFOSR67-1017
PHENOMENOLOGICAL THEORY OF THE RESISTIVITY AND SUSCEPTIBILITY OF DILUTE RHODIUM-IRON AND IRIUM-IRON ALLOYS	AFOSR67-2660
REMARKS ON THE RECENT LETTER OBSERVATION OF NAGAOKA'S ROUND STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS	AFOSR67-1784
ALLYL	
REARRANGEMENT OF ALLYL PHOSPHINITES AND OPTICAL STABILITY OF ALLYL PHOSPHINE OXIDES	AFOSR68-1592
THE ABSOLUTE CONFIGURATION OF METHYL ALLYL SULFOXIDE STEREOCHEMISTRY OF THE GRIGNARD SYNTHESIS OF OPTICALLY ACTIVE	AFOSR67-0680
REARRANGEMENT OF ALLYL PHOSPHINITES AND OPTICAL STABILITY OF ALLYL PHOSPHINE OXIDES	AFOSR68-1592
ALLYLIC	
THE THERMAL RACEMIZATION OF ALLYLIC SULFOXIDES AND THE INTERCONVERSION OF ALLYLIC SULFOXIDES AND SULFENATES MECHANISM	AFOSR68-2497
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XIX RELATIONSHIPS BETWEEN POSITION OF PROTONATION OF ALLYLIC ANIONS	AFOSR67-0429
ALPHA	
A SEARCH FOR ALPHA PARTICLES TRAPPED IN THE GEOMAGNETIC FIELD	AFOSR67-2527
SCATTERING OF ALPHA PARTICLES BY OXYGEN I BOMBARDING ENERGY RANGE 5.0 TO 10.0 MEV	AFOSR68-0807
SCATTERING OF ALPHA PARTICLES BY OXYGEN II BOMBARDING ENERGY RANGE 10 TO 19 MEV	AFOSR68-0904
HEAT CAPACITY OF ALPHA URANIUM AT A PRESSURE OF 10 KBAR BETWEEN 0.3 AND 6 DEGREES K	AFOSR67-0160
CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED FERRIC OXIDE BY THE FLUX METHOD AND SEGREGATION STUDIES OF IRON	AFOSR67-0353
PREFERRED OPTICAL ALPHA POTENTIALS FOR O, ALPHA REACTION CALCULATIONS BY THE DISTORTED-WAVE BORN APPROXIMATION	ARL 68-1485
OPTICAL PROPERTIES OF ALPHA MANGANESE SULFIDE	AFOSR67-1753
OPTICAL PROPERTIES OF ALPHA - MNS	ARL 68-1478
PARTICLE-MOLE STATES IN THE ALPHA PARTICLE WITH REALISTIC FORCES	AFOSR67-1622
LEVELS IN DISPERSED THROUGH ALPHA CAPTURE BY CUSPERIA	ARL 67-1035
CALCULATED RAMSAUER-TOWNSEND EFFECT IN ALPHA PARTICLE-ALPHA PARTICLE COLLISIONS	AFOSR68-0850
STRATOSPHERIC HUMIDITY SENSING WITH THE ALPHA RADIATION HYGROMETER	AFOSR67-0604
PREFERRED OPTICAL ALPHA POTENTIALS FOR O, ALPHA REACTION CALCULATIONS BY THE DISTORTED-WAVE BORN APPROXIMATION	ARL 68-1485
OPTICAL-MODEL ANALYSIS OF THE SURLAND-32-ALPHA ALPHA SULPHUR-32 ELASTIC SCATTERING FROM 10 0 TO 17 5 MEV	AFOSR68-1282
ON THE SIGMOIDAL LAW RELATING ASSOCIATION VALUE /ALPHA/ AND SCALED MEANINGFULNESS /M PRIME/	AFOSR68-0824
THE IDENTIFICATION OF PROSTAGLANDINS E TWO P TWO AND ALPHA TWO FROM RABBIT KIDNEY MEDULLA	AFOSR68-0357
DIRECT REACTION ANALYSIS OF THE BORDON-ELEVEN /PROTON ALPHA/ BERYLLIUM-EIGHT REACTION	AFOSR68-2218
COMPLEX CHANNEL SCHRODINGER-EQUATION MODEL FOR NEUTRON- ALPHA AND DEUTERON-TRITON SCATTERING I	AFOSR67-0224
HEATS OF FORMATION OF A-ALPHA-BERYLLIUM CHLORIDE AND A -ALPHA AND B-BERYLLIUM NITRIDE	AFOSR67-0864
TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE ALPHA CHAIN OF RABBIT HEMOGLOBIN	AFOSR67-1631
FUNCTIONAL PROPERTIES OF A HEMOGLOBIN CARRYING HEME ONLY ON ALPHA CHAINS	AFOSR68-2791
PHOTOCATALYTICITY OF ELECTRON ACCEPTORS FLUOREN-DELTA/ SUPER 9 ALPHA /-MALONONITRILE	AFOSR67-0021
STACKING FAULT ENERGIES OF THE STRUCTURALLY RELATED COPPER -GALLIUM ALPHA AND ZETA PHASES	AFOSR67-1404
SOME OBSERVATIONS CONCERNING THE SUPERMULTIPLY OF NEGATIVE -PARITY EXCITED STATES IN THE ALPHA PARTICLE	AFOSR67-0570
ALPHA-ALPHA	
2-780-1 3-ALKADIYL DIRADICALS DEHALOGENATION OF ALPHA-ALPHA	AFOSR68-2904
ALPHA-ALUMINUM	
HEATS OF FORMATION OF ALUMINUM DIBORIDE AND ALPHA-ALUMINUM DODECABORIDE	AFOSR67-2639
ALPHA-CHOLESTANE-2	
A NOVEL SYNTHESIS OF 2 3-SECO-A-NOR-5 ALPHA-CHOLESTANE-2 3-DIOL	AFOSR68-2235
ALPHA-GLUCOSE	
STUDIES ON INTESTINAL SUCRASE AND INTESTINAL SUGAR TRANSPORT VI LIBERATION OF ALPHA-GLUCOSE BY SUCRASE AND ISOMALTASE	AFOSR68-0195
ALPHA-HALO	
ORGANOBIPHENOL CHEMISTRY IV THE REACTIONS OF TRIALKYL PHOSPHITES WITH ALPHA-HALO KETONES	AFOSR67-1703
ALPHA-HALOACETOPHENONE	
KINETICS AND MECHANISM OF THE REACTION OF TRIPHENYLPHOSPHINE WITH ALPHA-HALOACETOPHENONES	AFOSR68-0495
ALPHA-METHACRYL	
POLYMERIZATION AND COPOLYMERIZATION OF ALPHA-METHACRYLO- PHENONE	AFOSR68-1910
ALPHA-METHYL	
STUDIES ON THE TACHYPHYLAXIS TO ALPHA-METHYL METATYRAMINE WITH SPECIAL REFERENCE TO ITS CENTRAL STIMULATING ACTION	AFOSR68-2711
ALPHA-METHYLTYROSINE	
STIMULUS-DEPENDENT ANTAGONISM OF THE ALPHA-METHYLTYROSINE- INDUCED LOWERING OF BRAIN CATECHOLAMINES BY LEVO	AFOSR68-2060
ALPHA-PARTICLE	
AMBIGUITIES IN THE OPTICAL-MODEL ANALYSIS OF ALPHA-PARTICLE SCATTERING	AFOSR67-2181
ALPHA-PARTICLES	
ELASTIC SCATTERING OF ALPHA-PARTICLES BY ZINC IN THE ENERGY RANGE 8 TO 19 MEV	AFOSR67-0466

ALPHA-TITANIUM-IRON	
THE ALPHA-TITANIUM-IRON SOLID SOLUTION AND ITS SUPERCONDUCTING PROPERTIES	AFOSR67-0510
ALPHA-URANIUM	
SUPERCONDUCTIVITY OF ALPHA-URANIUM AND URANIUM COMPOUNDS AT HIGH PRESSURE	AFOSR67-1211
ALPHA-ZINC	
ESR STUDY OF MANGANESE-DOPED ALPHA-ZINC SILICATE CRYSTALS	AFOSR67-1572
ALPHEN	
LOW-FIELD DE HAAS-VAN ALPHEN STUDY OF THE FERMI SURFACE OF ALUMINUM	AFOSR67-1963
ALPINE	
SEISMIC ANOMALIES IN THE ALPINE ARC FINAL REPORT FEB 1968	AFCL68-0327
ALTERATIONS	
ALTERATIONS IN SODIUM CHLORIDE AND WATER INTAKE AFTER SEPTAL LESIONS IN THE RAT	AFOSR68-0416
ALTERATIONS OF BRAIN BIOCHEMISTRY AND DEVELOPMENT OF BEHAVIOR	AFOSR68-2339
ALTERED	
PERFORMANCE AND LIFE SUPPORT IN ALTERED ENVIRONMENTS	AFOSR68-2096
BODY AND FIELD PERCEPTUAL DIMENSION AND ALTERED SENSORY ENVIRONMENTS	AFOSR67-0810
PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS FINAL REPORT JUNE	AFOSR67-0679
PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS	AFOSR67-2492
ALTERNATE	
ALTERNATE GRADIENT FOCUSING OF MOLECULAR BEAMS	AFOSR67-0024
ALTERNATE COEFFICIENTS CONSTRAINTS FOR STABILITY TEST	AFOSR68-2535
AN ALTERNATE DERIVATION OF SOME EQUATIONS OCCURRING IN A PAPER BY KRAICHNAN, FINAL REPORT APRIL 1968	ARL 68-0075
CORRECTION TO THE ENERGY OF A CRYSTAL IN THE ALTERNATE MOLECULAR ORBITAL APPROXIMATION	AFOSR67-1070
ALTERNATING	
ALTERNATING CURRENT JOSEPHSON EFFECT IN SUPERFLUID HELIUM	AFOSR67-1772
ALTERNATIVE	
ALTERNATIVE PROBLEMS FOR NONLINEAR FUNCTIONAL EQUATIONS	AFOSR68-0808
ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING FLAT PLATE IN A	ARL 67-0126
RESEARCH IN MULTIPLE ALTERNATIVE COMMUNICATIONS FINAL REPORT NOV 1966	AFCL67-0030
ALTERNATIVES	
SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES AGAINST CERTAIN ALTERNATIVES FINAL REPORT SEP 1968	ARL 68-0169
SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES AGAINST CERTAIN ALTERNATIVES FINAL REPORT MARCH 1967	ARL 67-0044
ALTITUDE	
ALTITUDE PROFILE OF THE INFRARED ATMOSPHERIC SYSTEM OF OXYGEN IN THE DAYGLOW	AFCL68-0500
HIGH ALTITUDE ATMOSPHERIC TRANSMITTANCE AS OBSERVED OVER NORTHERN CALIFORNIA	AFCL68-0505
REPORT ON HIGH ALTITUDE ROBIN FLIGHTS OCTOBER 1966	AFCL67-0433
A CLIMATOLOGY OF VERY HIGH ALTITUDE RADAR PRECIPITATION ECHOS	AFCL68-0630
ON A CAUSE OF FAILURE OF HIGH ALTITUDE PLASTIC BALLOONS	AFCL67-0611
GEOMAGNETIC OBSERVATIONS OF 1962 HIGH ALTITUDE NUCLEAR TESTS /U/ FINAL REPORT MAR 1967	AFCL67-0452
A SURVEY OF METHODS FOR CONTROLLING THE ALTITUDE OF FREE BALLOONS WITH AIR BALLAST SYSTEMS	AFCL67-0372
WIDESPREAD OPTICAL/IR EFFECTS FROM HIGH ALTITUDE DETONATIONS /U/ FINAL REPORT AUG 1967	AFCL67-0542
/U/ ATMOSPHERIC DENSITY FROM DRAG ON LOW ALTITUDE SATELLITES REPORT 2	AFCL68-0068
THE MEASUREMENTS OF THE SOLAR CONSTANT FROM HIGH ALTITUDE BALLOONS	AFCL68-0334
INFRARED RADIANCE OF SELECTED TERRAIN FEATURES AS VIEWED FROM HIGH ALTITUDE	AFCL67-0448
THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT JULY 1967	AFOSR67-2735
THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT SEPT 1968	AFOSR68-2067
SOLAR RESEARCH AND INSTRUMENTATION PROGRAMS AT SACRAMENTO PEAK OBSERVATORY AND HIGH ALTITUDE OBSERVATORY FINAL REPORT	AFCL67-0390
ALTITUDES	
SATELLITE STUDIES IN LOW ALTITUDES FINAL REPORT JUNE 1968	AFCL68-0491
UV VISIBLE AND IR ATTENUATION FOR ALTITUDES TO 50 KM 1968	AFCL68-0153
AN INVESTIGATION OF HYPERSONIC AERODYNAMICS AT HIGH ALTITUDES	ARL 68-1110
A STATISTICAL MODEL OF THE TEMPERATURE FIELD AT SUPERSONIC AIRCRAFT ALTITUDES	AFCL67-0274
ALUMINA	
STUDY OF ALUMINA CRYSTAL STRUCTURES /AUTOMATION OF THE VERNEUIL PROCESS/ FINAL REPORT MAR 1967	AFCL67-0148
STUDIES OF MOLTEN ALUMINA IN THE ARC-IMAGE FURNACE	AFOSR67-0564
RESEARCH ON ELECTRICAL CONDUCTIVITY AND CONDUCTION MECHANISMS IN ALUMINA FINAL REPORT AUGUST 1968	ARL 68-0154
ALUMINATE	
THE CRYSTAL STRUCTURE OF POTASSIUM ALUMINATE	AFOSR67-1310
ALUMINIUM	
THE THERMOPOWER OF ALUMINIUM WITH TRANSITION METAL IMPURITIES	AFOSR68-0054
THE HEATS OF FORMATION OF THE CARBIDES OF ALUMINIUM AND BERYLLIUM	AFOSR68-1795
DISCONTINUOUS YIELDING OF COMMERCIAL-PURE ALUMINIUM	AFOSR67-1003
PROPAGATION OF FINITE AMPLITUDE WAVES IN SINGLE CRYSTALS OF HIGH-PURITY ALUMINIUM	AFOSR67-1939
ALUMINUM	
ON THE ALUMINUM BORIDE TYPE PHASES	AFOSR67-1669
GROWTH OF ALUMINUM IN TA/110/	ARL 67-1092
GROWTH OF ALUMINUM ON TA 110	ARL 68-1226
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS	ARL 68-0319
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS	ARL 68-1073
TWIN BOUNDARIES IN ALUMINUM	ARL 68-0126
AN EVALUATION OF THE ALUMINUM OXIDE HUMIDITY ELEMENT	AFCL68-0547
THE FERMI SURFACE OF ALUMINUM AND DILUTE ALUMINUM-ZINC ALLOYS	AFOSR67-0435
HEAT OF FORMATION OF ALUMINUM CHLORIDE	AFOSR67-2638
HEATS OF FORMATION OF ALUMINUM DIHYDROXIDE AND ALPHA-ALUMINUM OXOCARBONIDE	AFOSR67-2639
FIELD STUDY OF THE GROWTH OF ALUMINUM FILMS ON THE TA /110/ SURFACE	ARL 68-0042

ALUMINUM - CONTINUED

STRAIN AGEING OF COMMERCIAL PURE ALUMINUM ON THE STATIC RESPONSE OF ANNEALED ALUMINUM	AFOSR67-0890
HIGH TEMPERATURE ELASTIC MODULI OF ALUMINUM	AFOSR67-2447
COMBUSTION OF BORON, MAGNESIUM, AND ALUMINUM SUSPENSIONS IN HYDROCARBON FUELS	ARL 66-1687
LONGITUDINAL MAGNETACOUSTIC EFFECT IN ALUMINUM	ARL 66-1945
VAPOR PHASE COMBUSTION OF BERYLLIUM AND ALUMINUM FINAL REPORT MARCH	AFOSR66-0722
REPEATED DISCONTINUOUS YIELDING OF 8024 ALUMINUM ALLOY	AFOSR66-1249
DETERMINATION OF RATES OF RACEMIZATION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NMR STUDIES OF RACEMIC MIXTURES	AFOSR66-1936
INVESTIGATION OF ELECTRON BEAM PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT DEC 1968	ARL 67-1241
DETERMINATION OF RATES OF OPTICAL INVERSION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NUCLEAR MAGNETIC RESONANCE	AFCL67-0273
MEASURED RELATIVE ENTHALPY OF AMORPHOUS CRYSTALLINE ALUMINUM TRIFLUORIDE FROM 273 TO 1173 DEGREES K AND DERIVED	ARL 67-0224
THE REFLECTANCE OF THE INTERMETALLIC COMPOUNDS NICKEL ALUMINUM AND COBALT ALUMINUM	AFOSR67-2014
MICROSTRUCTURAL ANOMALIES AFFECTING TENSILE STRENGTH OF ALUMINUM OXIDE	AFOSR67-1183
POLYMERIZATION OF STYRENE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM VANADIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS	ARL 66-1176
LOW-FIELD DE HAAS-VAN ALPHEN STUDY OF THE FERMIL SURFACE OF ALUMINUM	AFOSR67-2643
SHOCK WAVES PRODUCED BY SMALL STRESS INCREMENTS IN ANNEALED ALUMINUM	AFOSR67-1963
HIGH-MAGNETIC-FIELD STUDIES OF ORTHORHOMBIC AND RHOMBOHEDRAL ALUMINUM IRON OXIDE/ COMPOUNDS	AFOSR67-0888
INVESTIGATION OF ELECTRON BEAM AND HOLLOW CATHODE PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT NOV	AFCL68-0004
DYNAMIC TEMPERATURE MEASUREMENT DURING AXIAL IMPACT OF ANNEALED ALUMINUM TUBES	AFOSR66-0826
THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF ALUMINUM AND NICKEL	AFOSR67-1048
EXPERIMENTAL DATA ON SMALL-PLASTIC DEFORMATION WAVES IN ANNEALED ALUMINUM	AFOSR66-0647
THE VAPOR PRESSURE VAPOR DIMERIZATION AND HEAT OF SUBLIMATION OF ALUMINUM FLUORIDE USING THE ENTRAINMENT METHOD	AFOSR66-1264
POLYMERIZATION OF VINYL CYCLOHEXANE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS	AFOSR67-2644
THE REFLECTANCE OF THE INTERMETALLIC COMPOUNDS NICKEL ALUMINUM AND COBALT ALUMINUM	AFOSR67-1183
DIRECT AND CORE-POLARIZATION CONTRIBUTIONS TO THE KNIGHT SHIFT IN METALLIC ALUMINUM	AFOSR67-0427
POLYMERIZATION OF STYRENE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM VANADIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS	AFOSR67-2643
THE SUPERCONDUCTING TRANSITION TEMPERATURE OF LANTHANUM SUBSCRIPT ONE MINUS X GADOLINIUM SUB X ALUMINUM SUB TWO	AFOSR66-1866
ALUMINUM	
OSUB2 AND CO INTERACTION WITH ALUMINUM FILMS GROWN ON TA /110/ 0508	ARL 66-0087
AMBIGUITIES	
AMBIGUITIES IN THE OPTICAL-MODEL ANALYSIS OF ALPHA-PARTICLE SCATTERING	AFOSR67-2181
REMOVAL OF POINT-AMBIGUITIES THROUGH FINITE-PART RENORMALIZATION	AFOSR67-0593
ELECTROMAGNETIC MASS SHIFTS COMMUTATOR AMBIGUITIES AND EXPONENTIALLY FALLING FORM FACTORS	AFOSR66-1632
AMBIGUITY	
DETERMINING THE DEGREE OF AMBIGUITY IN FROST POINT TEMPERATURES AS MEASURED BY AN OPTICAL DEW POINT SENSOR	AFCL67-0147
AMBIPOLEAR	
AMBIPOLEAR CARRIER TRANSPORT AND SURFACE RECOMBINATION VELOCITY IN SEMICONDUCTOR SURFACE LAYERS	AFOSR67-2269
AMRIVALENCE	
CORRELATES OF AMRIVALENCE RISK-TAKING AND RIGIDITY FINAL REPORT MARCH 1967	AFOSR67-1157
AMINE	
ELECTRONIC ABSORPTION SPECTRA OF ION PAIRS COMPOSED OF SUBSTITUTED AMINE PICRATES IN ACETONITRILE	AFOSR66-1695
A NEW REACTION OF THIONYL CHLORIDE WITH A CARBOXYLIC ACID IN THE PRESENCE OF A TERTIARY AMINE AN X-RAY	AFOSR67-2857
AMINES	
TRANSPORT OF BIOLOGICAL AMINES AS AN ELEMENT OF DRUG ACTION	AFOSR66-0602
5-HYDROXYTRYPTAMINE AND RELATED AMINES IN ENDOCRINE CELL SYSTEMS	AFOSR66-2795
METABOLISM OF BIOLOGICALLY ACTIVE AMINES FINAL REPORT FEB 1967	AFOSR67-0846
CYCLOPROPANONES--IX REACTIONS OF ACIDS AND AMINES WITH CYCLOPROPANONE AND SOME ALKYL CYCLOPROPANONES	AFOSR66-2813
CYCLOPROPANONES VI REACTION OF CYCLOPROPANONE WITH AMINES	AFOSR67-2226
EFFECT OF DIRECTLY AND INDIRECTLY ACTING SYMPATHOMIMETIC AMINES ON ADRENERGIC TRANSMITTER GRANULES	AFOSR66-2729
AROMATIC OXIDATION BY ELECTRON TRANSFER II OXIDATIONS OF AROMATIC ETHERS AND AMINES BY MANGANIC ACETATE	AFOSR67-0242
NONPLANAR CYCLOPENTANE I THE 3-ISOPROPYLCYCLOBUTYL SYSTEM NUCLEAR MAGNETIC RESONANCE SPECTRA OF ALCOHOLS AND AMINES	AFOSR67-0457
AMINO	
TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE ALPHA CHAIN OF RABBIT HEMOGLOBIN	AFOSR67-1631
HYDROGEN-ADDITION RADICALS FORMED IN THE AROMATIC RINGS OF AMINO ACIDS POLYAMINO ACIDS AND PROTEINS	AFOSR66-2249
HAND RF-ASSIGNMENT FOR ANILINE AND ITS DERIVATIVES THE MIGRATION /SPECTROSCOPIC/ MOMENT OF THE AMINO GROUPS	ARL 67-0222
AMMONIA	
MOSBAUER EFFECT SPECTRA OF AMMONIA ADSORPTION ON A SUPPORTED IRON CATALYST	AFOSR67-2472
THE LOW TEMPERATURE OXIDATION OF AMMONIA OVER A SUPPORTED RUTHENIUM CATALYST	AFOSR67-2501
LINE MIXING BY COLLISIONS IN THE FAR INFRARED SPECTRUM OF AMMONIA	AFCL68-0422
AMMONIUM	
AMMONIUM PERCHLORATE-BASED PROPELLANT IGNITION BY LOW-CONVECTIVE HEAT FLUXES	AFOSR66-1465
COMBUSTION OF AMMONIUM PERCHLORATE--SOME NEGATIVE CONCLUSIONS	AFOSR66-2819
CRYSTALLIZATION OF FERROUS AMMONIUM SULFATE ON A SEED IN MAGNETIC FIELDS UP TO KILO-DEREESTO	AFOSR67-1729
CATALYZED THERMAL DECOMPOSITION OF AMMONIUM PERCHLORATE	AFOSR66-2633
LONGITUDINAL SOUND VELOCITIES OF GRANULAR COMPLEXES OF AMMONIUM PERCHLORATE AND POTASSIUM CHLORIDE	AFOSR67-2036
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF AMMONIUM TRIFLUOROACETATE	AFOSR67-1476
ACCURATE MEASUREMENTS OF OPTICAL SECOND-HARMONIC GENERATION IN AMMONIUM DIHYDROGEN PHOSPHATE AND CALCITE	AFOSR67-1401
THE EFFECTS OF HIGH MAGNETIC FIELDS ON THE ISOTHERMAL DISSOLUTION AND GROWTH RATES OF FERROUS AMMONIUM SULFATE	AFOSR67-2740
AMNESIA	
ON THE MECHANISMS OF POSTHYPNOTIC AMNESIA	AFOSR67-1846
RESPONSE DURING SLEEP WITH INTERVENING WAKING AMNESIA	AFOSR67-0890
PARAMETERS OF HYPNOSIS WITH SPECIAL REFERENCE TO POSTHYPNOTIC AMNESIA AND HYPNOTIC ANALGESIA FINAL REPORT OCT 1968	AFOSR66-1901
AMORPHOUS	
ABSORPTION OF POLAR COMPOUNDS ON AMORPHOUS BORON	AFOSR67-0698
ANALYSIS OF SCATTERING DATA FOR MIXTURES OF AMORPHOUS SOLIDS OF LIQUIDS	AFOSR66-2107
FURTHER COMMENTS ON THE PAPER /ON THE INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM /AMORPHOUS/ BORON/	ARL 67-0248
AMPLIFICATION	
THE METHOD OF CALCULATION TABLES OF AMPLIFICATION AND AMPLITUDE OF THE MOVEMENTS OF THE EARTH IN CUALQUIER SEISMOGRAPH	AFOSR67-0558

AMPLIFICATION

PHOTOELASTIC AMPLIFICATION OF LIGHT AND THE GENERATION OF HYPER SOUND BY THE STIMULATED BRILLOUIN PROCESS
REFLECTION AND AMPLIFICATION OF ELECTROMAGNETIC WAVES IN AN OSCILLATING IONIZED MEDIUM PART II
QUANTUM THEORY OF PARAMETRIC AMPLIFICATION II
QUANTUM THEORY OF PARAMETRIC AMPLIFICATION I
A MICROWAVE SOURCE USING ULTRASONIC AMPLIFICATION IN PIEZOELECTRIC SEMICONDUCTORS

AFCL68-0021
AFCL68-0313
AFOSR68-0136
AFOSR68-0141
AFCL68-0198

AMPLIFIER

ANALYSIS OF DISTRIBUTED AMPLIFIER STRUCTURES
A HIGH PRECISION LOGARITHMIC AMPLIFIER USING SAMPLING TECHNIQUES
APPLICATION OF THE SEQUENTIAL LIGHT AMPLIFIER TO ASTRONOMY AND RELATED PROBLEMS FINAL REPORT AUG 1967
NONRECIPROCAL TUNNEL DIODE DISTRIBUTED AMPLIFIER
A CONSTANT BANDWIDTH WIDE RANGE TRANSISTORIZED LOGARITHMIC AMPLIFIER
PHOTOGRAPHIC RECORDINGS WITH ENHANCED CONTRAST USING THE STORAGE IMAGE AMPLIFIER, AND APPLICATIONS IN RESEARCH FINAL

AFOSR67-1230
AFCL68-0191
ARL 67-0165
AFOSR67-1406
AFCL67-0166
ARL 68-0100

AMPLIFIERS

INTEGRATED SELECTIVE AMPLIFIERS USING FREQUENCY TRANSLATION
NETWORKS WITH UNITY-GAIN VOLTAGE AMPLIFIERS
ACTIVE NETWORK SYNTHESIS USING PRACTICAL AMPLIFIERS
ACTIVE RC DISPLAY NETWORKS USING OPERATIONAL AMPLIFIERS
NETWORK FUNCTION SYNTHESIS USING NON-LOCAL GROUNDING AMPLIFIERS AND RC ONE-PORTS
DESIGN OF INTEGRABLE DESPITIZED FREQUENCY SELECTIVE AMPLIFIERS
A GENERAL MATCHING THEORY AND ITS APPLICATION TO TUNNEL DIODE AMPLIFIERS
NONLINEAR AND ANISOTROPIC EFFECTS IN MAGNETICALLY TUNED LASER AMPLIFIERS
PARAMETRIC PHENOMENA AS APPLIED TO VIBRATION ISOLATORS AND MECHANICAL AMPLIFIERS

AFOSR67-0339
AFCL67-0353
AFOSR67-0390
AFCL67-0333
AFCL68-0111
AFOSR67-0331
AFOSR67-0333
AFOSR68-0671
AFOSR67-2085

AMPLITUDE

AMPLITUDE BOUNDS ON PERIODIC AND APERIODIC OSCILLATIONS SECOND-ORDER SYSTEMS
AMPLITUDE CHANGES OF THE EEG POTENTIAL EVOKED BY GYOTIC STIMULI DURING SLEEP IN MAN /ITALIAN/
AMPLITUDE LIMITING APPLIED TO A SENSITIVE CORRELATION DETECTOR
AMPLITUDE INDEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE
AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE
AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE
LARGE AMPLITUDE ELECTROTHERMAL WAVES IN A NONEQUILIBRIUM PLASMA
LARGE AMPLITUDE STABILIZATION OF FLUTE GROWTH
PROPAGATION OF FINITE AMPLITUDE WAVES IN SINGLE CRYSTALS OF HIGH-PURITY ALUMINIUM
NONLINEAR OSCILLATIONS AMPLITUDE BOUNDS FOR SECOND-ORDER SYSTEMS
ADAPTIVE SAMPLING BASED ON AMPLITUDE SENSITIVITY
EXACT NEAR FIELD SCATTERING AMPLITUDE AND EVANESCENT WAVES
ON THE INTERACTION OF A FINITE AMPLITUDE PULSE WITH A COMBUSTION REGION
THEORY VS EXPERIMENT FOR FINITE AMPLITUDE STRESS WAVES
STRUCTURE OF THE ETA DECAY INTO 3 PIONS AMPLITUDE
RADE APPROXIMANTS AND BOUNDS ON THE BETHE-SALPETER AMPLITUDE
THE METHOD OF CALCULATION TABLES OF APPLICATION AND AMPLITUDE OF THE MOVEMENTS OF THE EARTH IN CUALQUIER SEISMOGRAPH
PHOTOELECTRIC CORRELATION MEASUREMENTS WITH TIME-TO- AMPLITUDE CONVERTERS
CONVERGENCE OF RADE APPROXIMANTS FOR THE BETHE-SALPETER AMPLITUDE
ANALYTIC CONTINUATION OF THE OFF-ENERGY-SHELL SCATTERING AMPLITUDE
ANALYSIS AND SYNTHESIS OF DISCRETE-TIME SYSTEMS WITH CONTROL SIGNALS OF VARIABLE AMPLITUDE AND PULSE-WIDTH

AFOSR67-1776
AFOSR67-1855
AFOSR68-0904
ARL 68-1149
ARL 68-1190
ARL 68-1377
AFOSR68-0743
AFOSR68-1174
AFOSR67-1939
AFOSR67-0811
AFOSR67-0457
AFOSR68-2862
AFOSR67-2430
AFOSR68-0350
AFOSR67-1748
AFOSR67-0540
AFOSR67-0550
AFCL68-0094
AFOSR67-2145
AFOSR67-2146
AFOSR67-1487

AMPLITUDE-LIMITED

EXPERIMENTAL TESTS OF THE THEORY OF AN AMPLITUDE-LIMITED CORRELATION DETECTOR

AFOSR68-2604

AMPLITUDES

REACTION AMPLITUDES FOR PSEUDOSCALAR MESONS ON SPIN-HALF FERMIONS IN FOURTH-ORDER PERTURBATION THEORY
SUPERCONVERGENT AMPLITUDES IN NUCLEON COMPTON SCATTERING
SUPERCONVERGENT AMPLITUDES AND REPRESENTATIONS OF $SL(2, R)$
EXTRAPOLATION OF THE AMPLITUDES OF NONLEPTONIC DECAYS OF K MESONS
REGGIZATION OF INVARIANT AMPLITUDES
OSCILLATIONS OF SCATTERING AMPLITUDES AT HIGH ENERGY
PROPERTIES OF FREEDMAN-WANG AMPLITUDES
STRUCTURE OF UNITARY SCATTERING AMPLITUDES
COUPLED EQUATIONS FOR SCATTERING AMPLITUDES AND HADRONIC CURRENTS
KINEMATIC SINGULARITIES OF HELICITY AMPLITUDES FOR COMPTON SCATTERING
TRAVEL TIMES APPARENT VELOCITIES AND AMPLITUDES OF BODY WAVES
ANTENNA ARRAYS WITH PARTIALLY TAPERED AMPLITUDES
GRIBOV-PONOMERCHUK POLES IN SCATTERING AMPLITUDES
LOW-ENERGY CONSTRAINTS ON PION PRODUCTION AMPLITUDES IN PI NUCLEON SCATTERING
THRESHOLD BEHAVIOUR OF THREE-BODY PARTIAL-WAVE AMPLITUDES -II
FURTES THEOREM AND INTERFERENCE OF ELECTRODYNAMIC AMPLITUDES
ON THE RESPONSE OF LINEAR SYSTEMS TO INPUTS WITH LIMITED AMPLITUDES AND SLOPES
SOME CONSIDERATION AND SUPERCONVERGENCE PROPERTIES OF SCATTERING AMPLITUDES IN THE HELICITY FORMALISM
USE OF ANALYTICITY IN THE CALCULATION OF NONRELATIVISTIC SCATTERING AMPLITUDES
PROPAGATION OF DISTURBANCES IN A GUTENBERG-RULLEN A SPHERICAL EARTH MODEL TRAVEL TIMES AND AMPLITUDES OF S WAVES

AFOSR68-2747
AFOSR68-0278
AFOSR68-1213
AFOSR67-0883
AFOSR67-1643
AFOSR67-1140
AFOSR68-1228
AFOSR67-2825
AFOSR67-0885
AFOSR68-1503
AFOSR68-1449
AFCL67-0088
AFOSR67-2777
AFOSR68-0198
AFOSR67-1363
AFOSR68-1364
AFOSR68-0069
AFOSR68-1140
AFOSR68-1630
AFCL67-0291

ANESTHESIA

PENTOBARBITAL ANESTHESIA IN THE HERRING AND LESSER BLACK-BACKED GULL

AFOSR67-0134

ANALGESIA

THE USE OF PAIN-STATE REPORTS IN THE STUDY OF HYPNOTIC ANALGESIA TO THE PAIN OF ICE WATER
PARAMETERS OF HYPNOSIS WITH SPECIAL REFERENCE TO POSTHYPNOTIC AMNESIA AND HYPNOTIC ANALGESIA FINAL REPORT OCT 1968

AFOSR67-2729
AFOSR68-1901

ANALOG

ANALOG STATES IN CUSUPPER35
ANALOG STATES IN CUSUPPER37
ANALOG STATES THROUGH THE SSUPPER34/P/GAMMA/CUSUPPER35 REACTION
ANALOG DOUBLET IN CUSUPPER 35
ANALOG DOUBLET IN CUSUPPER 38
IMPROVED ANALOG VOICE COMMUNICATIONS
ISOBARIC ANALOG STATES IN HEAVY NUCLEI Y RESONANCES IN ZR-90 FROM PROTON INELASTIC SCATTERING
ISOBARIC ANALOG STATE STUDIES IN THE BARIUM REGION
ISOBARIC ANALOG STATES IN CUSUPPER35
ISOBARIC ANALOG STATES IN MASS-35 NUCLEI
ISOBARIC ANALOG STATES IN CUSUPPER35
ISOBARIC ANALOG STATES IN 25-10 SHELL NUCLEI
ISOBARIC ANALOG STATES IN THE S-D SHELL
A CAPACITOR ANALOG MEMORY
AN ISOBARIC ANALOG STATE WITH L F SUPPER 7 - OVER 2 CONFIGURATION IN SUPPER 37 CL
RESEARCH AND DEVELOPMENT OF ANALOG MODELS
OPTIMUM LINEAR TRANSMISSION OF ANALOG DATA FOR CHANNELS JANUARY 1968

ARL 67-1039
ARL 67-1205
ARL 68-0128
ARL 68-1212
ARL 68-1340
AFCL68-0227
AFOSR68-1296
ARL 67-1176
ARL 67-1196
ARL 67-1280
ARL 68-0036
ARL 68-1204
ARL 68-1205
AFOSR67-0711
ARL 67-0111
AFCL67-0189
AFOSR68-1158

AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS
 AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS
 GAMMA-RAY ANGULAR CORRELATION STUDIES AND ISOBARIC ANALOG STATES IN Pb-18 SHELL NUCLEI
 THE ATOM-CONNECTIVITY MATRIX (ACM) AS A MATHEMATICAL ANALOG OF CHEMISTRY
 SCAS A PROGRAMMING SYSTEM FOR THE SIMULATION OF COMBINED ANALOG DIGITAL SYSTEMS
 INVESTIGATION AND CONTINUED DEVELOPMENT OF THE IDEALAS FOURIER TRANSFORM ANALOG COMPUTER FINAL REPORT JUN 1967
 THE MEANING OF COLLISION BROADENING OF SPECTRAL LINES I THE CLASSICAL-OSCILLATOR ANALOG

AFOSR67-1593
 AFOSR68-1178
 ARL 67-1038
 ARL 67-1114
 AFOSR67-0818
 AFCL67-0388
 AFCL68-0489

ANALOGICAL

RESEARCH ON THE ANALOGICAL SIMULATION OF NEURAL BEHAVIOR FINAL REPORT JUNE 1967

AFOSR67-1313

ANALOGUE

ISOBARIC ANALOGUE STATES IN HEAVY NUCLEI IV SAMARIUM ISOTOPES
 A LATTICE THEORETICAL ANALOGUE OF THE SCHUR LEMMA
 NEUTRON THRESHOLDS TO RESONANT ANALOGUE STATES

AFOSR67-2193
 AFOSR67-0821
 AFOSR68-0896

ANALYSES

QUANTITATIVE ANALYSES FOR ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY
 SPECTROSCOPIC ANALYSES OF A AND B STARS OF PECULIAR COMPOSITION
 THERMOGRAVIMETRIC ANALYSES AND VAPOR PHASE SEPARATIONS OF VOLATILE METAL COMPLEXES
 CHEMICAL SOCIETY OF ZURICH-COMPARISONAL ANALYSES OF MOBILE SYSTEMS--METHODS AND RESULTS /GERMAN/
 DEVELOPMENT AND APPLICATION OF METHODS FOR ANALYSES OF RESEARCH MATERIALS FINAL REPORT JAN 1967
 APPLICATION OF GAS CHROMATOGRAPHY TO METAL ANALYSES

ARL 68-1438
 AFOSR68-2768
 ARL 68-1050
 AFOSR68-2422
 ARL 67-0002
 ARL 68-1008

ANALYSIS

ANALYSIS OF LY ULTRAVIOLET SPECTROMETER OBSERVATIONS /U/
 ANALYSIS AND DESIGN OF MAXIMUM-GAIN LOW-CURRENT JUNCTION FIELD EFFECT TRANSISTOR CONFIGURATIONS
 ANALYSIS AND SYNTHESIS OF UNEQUALLY SPACED ARRAYS USING THE Z-TRANSFORM
 ANALYSIS AND SYNTHESIS OF NETWORKS USING RESONATORS COMPATIBLE WITH INTEGRATED ELECTRONICS
 ANALYSIS OF RADIATION INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS
 ANALYSIS AND SIMULATION OF WORD-SELECTION PROCEDURES IN ERROR-FREE COMMUNICATION SYSTEMS PART II - PRESENTATION AND
 ANALYSIS OF RADIATION-INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS FINAL REPORT FEB 1968
 ANALYSIS OF LIDAR DATA OBTAINED UNDER CONDITIONS OF LOW CEILING AND VISIBILITY
 ANALYSIS AND DESIGN OF COMMUNICATION NETWORKS WITH MEMORY
 ANALYSIS OF SPACE-TIME STRUCTURE IN ELEMENTARY PARTICLE PHYSICS
 ANALYSIS OF THE PHASE FUNCTION IN SINGLE SIDEBAND SIGNAL AND ITS APPLICATION TO SPEECH
 ANALYSIS OF DISTRIBUTED AMPLIFIER STRUCTURES
 ANALYSIS AND SYNTHESIS OF DISCRETE-TIME SYSTEMS WITH CONTROL SIGNALS OF VARIABLE AMPLITUDE AND PULSE-WIDTH
 ANALYSIS OF DEPOLARIZING AND HYPERPOLARIZING INACTIVATION RESPONSES IN GYMNOSTIC ELECTROPLAQUES
 ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION
 ANALYSIS OF BRAIN WAVE RECORDS FROM ORBITAL FLIGHT GT-7 BY COMPUTATIONS TO BE USED IN A THIRTY DAY PRIMATE FLIGHT
 ANALYSIS OF FAR-FIELD MIXING WITH A PERIODIC SOURCE OF VORTICITY AT THE ORIFICE
 ANALYSIS OF THE SKELETAL CONFIGURATION OF CRYSTALLINE HEN EGG-WHITE LYSOZYME
 ANALYSIS OF POLARIZED LIGHT IN WOLF-SPIDERS
 ANALYSIS OF RESPONSES OF HAMSTER TASTE UNITS TO GUSTATORY AND THERMAL STIMULI
 ANALYSIS OF 3-BODY ANGULAR MOMENTUM STATES IN P1 N INTERACTIONS
 ANALYSIS OF SHORT WEB-STIFFENED SANDWICH SHELL WITH CLOSED ENDS UNDER EXTERNAL PRESSURE
 ANALYSIS OF COSMIC RAY EXPERIMENTS FINAL REPORT AUG 1967
 ANALYSIS OF NUCLEAR-QUADRUPOLE-RESONANCE SPECTRA IN ANTIFERROMAGNETIC SINGLE CRYSTALS
 ANALYSIS OF SOME RANDOM BLENDING PROCESSES
 ANALYSIS OF MUSICAL INSTRUMENT TONES
 ANALYSIS OF THE LEONARD AND RAMEY METHOD OF DETERMINING THE THICKNESS OF THIN METALLIC FILMS
 ANALYSIS OF THERMODYNAMIC EXCESS PROPERTIES OF LIQUID MIXTURES OF ARGON AND KRYPTON
 ANALYSIS OF LUE CONVERSATION PROVIDING ACCOUNTS FINDING BREACHES AND TAKING SIDES FINAL REPORT AUG 1968
 ANALYSIS OF SCATTERING DATA FOR MIXTURES OF AMORPHOUS SOLIDS OF LIQUIDS
 ANALYSIS OF THE MECHANISM OF ACTION OF THE NERVE GROWTH FACTOR
 ANALYSIS AND DESIGN OF A HIGH PRESSURE A.C. ARC HEATER, FINAL REPORT DEC 1967
 ANALYSIS OF THE PERFORMANCE OF THE THREE-STATION SPARSA NETWORK FOR DETECTING AND TRACKING THUNDERSTORM ACTIVITY
 ANALYSIS OF SPECTROGRAPHIC PLATED IN SEMICONDUCTOR RESEARCH BY OPTO-ELECTRONIC PROCESSING.
 ANALYSIS OF FLUID DYNAMICS OF SUPERSONIC COMBUSTION PROCESS CONTROLLED BY MIXING
 ANALYSIS OF A CIRCULING LINE
 ANALYSIS OF DIFFUSION AND RECOMBINATION LOSSES IN THE NEGATIVE GLOW
 AN ANALYSIS OF THE TRAVEL TIMES OF S WAVES TO NORTH DEGREES
 AN ANALYSIS OF THE ANPPS-16--ROSE SYSTEM
 AN ANALYSIS OF THE PERFORMANCE OF THE THREE-STATION SPARSA NETWORK FOR DETECTING AND TRACKING THUNDERSTORM ACTIVITY
 AN ANALYSIS OF THE 6250-ANGSTROM BAND SYSTEM OF CSP
 AN ANALYSIS OF FUNDAMENTAL FACTORS GOVERNING THE LIMITATIONS IN DETECTION OF IMAGES, FINAL REPORT MAY 1968
 THE ANALYSIS OF EXPERIMENTAL DATA OBTAINED FROM STABILITY STUDIES ON ELASTIC COLUMN AND PLATE STRUCTURES
 THE ANALYSIS OF NOISY NON-LINEAR DEVICES BY MEANS OF GENERALIZED RANDOM PROCESSES FINAL REPORT MARCH 1967
 SCENE ANALYSIS USING THE CONCEPT OF MODEL
 TRACE ANALYSIS OF SOLIDS BY MASS SPECTROMETRY FINAL REPORT JULY 1967
 ERROR ANALYSIS OF THE HUMIDITY-TEMPERATURE MEASURING SET AN/TMO-11
 METAL ANALYSIS BY GAS CHROMATOGRAPHY USING FLUOROCARBON- CONTAINING BETA-DIKETONATE CHELATES
 METAL ANALYSIS BY GAS CHROMATOGRAPHY
 SYNTAR ANALYSIS BY A PRODUCTION LANGUAGE
 MODEL ANALYSIS AND APPROXIMATIONS FOR SYSTEM RELIABILITY AND AVAILABILITY
 ON THE ANALYSIS OF HUMAN PROBLEM SOLVING PROTOCOLS
 SIGNAL ANALYSIS METHODS FOR ADAPTIVE CONTROL SYSTEMS
 SYSTEMS ANALYSIS AND ADDITIONAL INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND PULSE DOPPLER RADAR
 CONTENT ANALYSIS OF DOCUMENTARY AND BIOGRAPHIC MATERIALS METHODOLOGY
 SPECTRAL ANALYSIS FOR GEOPHYSICAL DATA
 RESEARCH ANALYSIS IN THE LIFE SCIENCES FINAL REPORT NOV 1967
 SPECTRAL ANALYSIS OF PHOTOEMISSIVE YIELDS IN GASES AND RELATED CRYSTALS
 SYNTACTIC ANALYSIS
 COVARIANT ANALYSIS OF QUARK COMMUTATORS AND ELECTROMAGNETIC COUPLINGS
 STABILITY ANALYSIS OF PREDICTIVE CONTROL SYSTEMS
 NUMERICAL ANALYSIS OF HADRON TOTAL CROSS SECTIONS IN THE QUARK MODEL
 FREQUENCY ANALYSIS OF THE LATE RECEPTOR POTENTIAL
 FREQUENCY ANALYSIS OF THE ELECTRORETINOGRAM
 A SEMANTIC ANALYSIS OF ENGLISH LOCATIVE PREPOSITIONS
 CODING AND ANALYSIS OF DOCUMENTARY MATERIALS FROM COMMUNIST CHINA
 A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS
 ULTRATRACE ANALYSIS BY COORDINATION CHAIN REACTIONS FINAL REPORT JULY 1967
 A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS
 FUNCTIONAL ANALYSIS OF INFORMATION RETRIEVAL FINAL REPORT AUG 1968
 PARAMETRIC ANALYSIS OF STATISTICAL COMMUNICATION NETS
 INTENTIONS ANALYSIS A METHODOLOGICAL COMPONENT OF FORECASTING INTERNATIONAL BEHAVIOR FINAL REPORT FEB 1968
 FUNCTIONAL ANALYSIS APPROACH TO THE STABILITY OF NONLINEAR SYSTEMS
 VIBRATIONAL ANALYSIS OF 13 SUB C IS SUB 02
 THEORETICAL ANALYSIS OF A SECONDARY EMISSION EXPERIMENT ON INSULATORS
 MONTE CARLO ANALYSIS OF SPARKLIGHT SCATTERING MEASUREMENTS
 UNCERTAINTY ANALYSIS IN DYNAMIC SYSTEMS

AFCL67-0091
 AFCL67-0194
 AFCL67-0230
 AFCL67-0472
 AFCL67-0571
 AFCL67-0594
 AFCL68-0200
 AFCL68-0822
 AFOSR67-0393
 AFOSR67-0491
 AFOSR67-0862
 AFOSR67-1230
 AFOSR67-1487
 AFOSR67-1490
 AFOSR67-1766
 AFOSR67-1881
 AFOSR67-2222
 AFOSR67-2513
 AFOSR67-2534
 AFOSR67-2626
 AFOSR67-2622
 AFOSR67-2630
 AFOSR67-2656
 AFOSR68-0050
 AFOSR68-0439
 AFOSR68-0775
 AFOSR68-0936
 AFOSR68-1183
 AFOSR68-1942
 AFOSR68-2107
 AFOSR68-2332
 ARL 67-0276
 ARL 67-0289
 ARL 68-0858
 ARL 68-1118
 ARL 68-1300
 ARL 68-1448
 AFCL67-0384
 AFCL67-0534
 AFCL68-0272
 AFOSR68-1327
 ARL 68-0182
 AFOSR67-1259
 ARL 67-0048
 AFCL67-0133
 AFCL67-0451
 AFCL68-0154
 ARL 68-1075
 ARL 68-1084
 AFOSR67-0254
 AFOSR67-1438
 AFOSR67-2204
 AFOSR68-2504
 AFCL67-0182
 AFOSR67-2619
 AFOSR67-0443
 AFOSR67-2603
 ARL 68-0247
 AFCL67-0305
 AFOSR67-0684
 AFOSR67-1339
 AFOSR68-1371
 AFOSR68-2689
 AFOSR68-2691
 AFCL68-0056
 AFOSR67-1187
 AFOSR67-1534
 AFOSR67-1792
 AFOSR68-1801
 AFOS68-2190
 AFOSR68-2420
 ORA 68-0008
 RADC 67-0030
 AFCL67-0321
 AFCL67-0489
 AFCL68-0311
 AFOSR67-1417

THEORETICAL ANALYSIS OF A COAXIAL HALL ACCELERATOR
 APPROXIMATE ANALYSIS OF LINEARIZED INVISCID RELAXING GAS FLOW
 SENSITIVITY ANALYSIS OF DISCRETE FILTERING AND SMOOTHING ALGORITHMS
 OPERATIONAL ANALYSIS OF BEHAVIORAL SITUATIONS FINAL REPORT OCT 1968
 PERFORMANCE ANALYSIS OF UTIAS IMPLSION-DRIVEN HYPERVELOCITY LAUNCHER
 A DISTORTION ANALYSIS OF THE MOS TRANSISTOR
 EXPERIMENTAL ANALYSIS OF CEREBRAL DOMINANCE IN MAN
 QUANTITATIVE ANALYSIS OF THE SPONTANEOUS AND EVOKED ACTIVITY OF THE CELLS OF THE PURKINJE /FRENCH/
 MATHEMATICAL ANALYSIS OF THE THERMAL WAVE TECHNIQUE FOR LINEAR KINETICS
 MATHEMATICAL ANALYSIS OF LANDIS-TYPE EXPERIMENTS ON THE TRANSPORT OF FLUID ACROSS THE WALLS OF CAPILLARY BLOOD VESSELS
 A LINEARIZED ANALYSIS OF MASS-TRANSFER EFFECTS ON COMPRESSED LAMINAR VORTEX FLOWS
 A THEORETICAL ANALYSIS OF EXTENSIVE AIR SHOWERS I NEAR- VERTICAL SHOWERS AT SEA LEVEL
 THERMODYNAMIC ANALYSIS OF VAPOR-LIQUID AND VAPOR-SOLID EQUILIBRIA DATA TO OBTAIN INTERACTION SECOND VIRIAL
 OPTICAL-MODEL ANALYSIS OF THE SULPHUR-32-ALPHA ALPHA SULPHUR-32 ELASTIC SCATTERING FROM 10 0 TO 17 5 MEV
 FASTER FOURIER ANALYSIS
 THE MECHANICAL ANALYSIS OF QUATERNARY TECTONISM FINAL REPORT OCT 1967
 DOPPLER SIGNAL ANALYSIS AND PROCESSING TECHNIQUES FOR MODIFIED /PORCUPINE/ C-BAND PULSE DOPPLER RADAR FINAL REPORT FEB
 MASS TRANSPORT ANALYSIS FOR OSTVALD RIPENING AND RELATED PHENOMENA
 CONFORMATIONAL ANALYSIS OF TRITOLYLPHOSPHINES
 COLLECTION AND ANALYSIS OF SEISMIC WAVE PROPAGATION DATA
 FLUCTUATION PROBE ANALYSIS OF SEMICONDUCTORS FINAL REPORT SEPT
 CONFORMATIONAL ANALYSIS TEST THE VALIDITY OF THE NUCLEAR MAGNETIC RESONANCE METHOD OF ESTABLISHING CONFORMATIONAL
 CONFORMATIONAL ANALYSIS XIV CONFORMATIONAL EQUILIBRIA OF CYCLOHEXYL HALIDES
 CONFORMATIONAL ANALYSIS XV THE CONFORMATIONAL ENTHALPY ENTROPY AND FREE ENERGY OF THE CARBOXYL CARBOXYLATE
 CONFORMATIONAL ANALYSIS XVI 1,3-DIOXANES
 MICROELECTRODE ANALYSIS OF TRANSFER OF VISUAL INFORMATION BY THE CORPUS CALLOSUM
 BOUNDARY-LAYER ANALYSIS OF TWO-PHASE FLOW OVER AN OSCILLATING FLAT PLATE
 ONE-DIMENSIONAL ANALYSIS OF A TRAVELLING WAVE ACCELERATOR
 COUPLED CHANNEL ANALYSIS OF PROTON SCATTERING FROM 19F
 PEIERLS BARRIER ANALYSIS
 COMPILATION AND ANALYSIS OF LEXICAL RESOURCES IN INFORMATION SCIENCE FINAL REPORT JUNE 1968
 DEVELOPMENT AND ANALYSIS OF MODELS FOR A MAP MATCHING NAVIGATION SYSTEM
 DIRECT REACTION ANALYSIS OF THE BORON-ELEVEN /PROTON ALPHA/ CERVIL (UM-EIGHT REACTION
 A METHOD FOR THE ANALYSIS OF PULSE HEIGHT SPECTRA
 AN INTERTEMPORAL ANALYSIS OF THE DEFENSE IMPACT UPON A LOCAL COMMUNITY CASE STUDY OF EL PASO COUNTY COLORADO 1941 1965
 AN ELASTO-PLASTIC ANALYSIS OF CIRCULAR RINGS WITH TEMPERATURE DEPENDENT YIELD STRESS
 CONSTRUCTIVE REAL ANALYSIS
 THE USE OF CONTENT ANALYSIS FOR EXPLANATORY STUDIES
 /U/ RADAR SIGNATURE ANALYSIS BASED ON MEASURED DIFFERENTIAL PHASE SHIFTS OF TARGET SCATTERING AT TWO HARMONIC
 METHODOLOGY FOR THE ANALYSIS OF INTERNAL SOCIAL MOVEMENTS /SOCIAL MOVEMENTS AND SOCIAL SYSTEM CHANGE/
 EFFICIENT NUMERICAL ANALYSIS OF NONLINEAR CIRCUITS
 AN ALGORITHM FOR THE ANALYSIS AND DESIGN OF LINEAR STATE VARIABLE FEEDBACK SYSTEMS
 STUDY OF ON-LINE DATA ANALYSIS WITH A HYBRID COMPUTER FINAL REPORT JULY 1968
 QUASI-ONE-DIMENSIONAL ANALYSIS OF MAGNETOACOUSTICS
 STRESS AND DEFORMATION ANALYSIS OF FLEXIBLE BALLOONS FINAL REPORT MAR 1967
 ROCKET IR HORIZON DATA ANALYSIS FINAL REPORT JUNE 1968
 A DIFFERENTIAL THERMAL ANALYSIS SAMPLE HOLDER FOR USE TO 1700 DEGREES C
 A DIFFERENTIAL THERMAL ANALYSIS SAMPLE HOLDER FOR USE TO 1700 DEGREES C
 TECHNIQUES IN INTRINSIC ANALYSIS FINAL REPORT NOV 1966
 CHOICE REACTION TIME AN ANALYSIS OF THE MAJOR THEORETICAL POSITIONS
 THIN FILM MAGNETIZATION ANALYSIS
 THE METHOD FOR ABUNDANCE ANALYSIS PART III. ON THE CURVE OF-GROWTH METHOD
 SENSITIVITY AND STABILITY ANALYSIS ON A FINITE TIME INTERVAL
 COMPUTER PROGRAMS FOR THE ANALYSIS OF GAMMA-RAY ANGULAR CORRELATION MEASUREMENTS FINAL REPORT AUG 1967
 THE FUTURE OF TRACE METAL ANALYSIS BY GAS CHROMATOGRAPHY
 AUTOMATIC ENGLISH SENTENCE ANALYSIS FINAL REPORT MAY 1967
 POLITICAL ELITES A MODE OF ANALYSIS
 LINEAR SEQUENTIAL CIRCUITS ANALYSIS SYNTHESIS AND APPLICATIONS
 VECTOR POLAR METHOD FOR THE ANALYSIS OF WAVE INTERSECTIONS
 LINGUISTIC SPECIFICATION AND ANALYSIS OF CLASSES OF PATTERNS
 A MATHEMATICAL MODEL FOR THE ANALYSIS OF CONTOUR-LINE DATA
 HIGH SENSITIVITY COLOMETRIC ANALYSIS IN ACETONITRILE
 MAGNETOSPHERIC TAIL STUDIES 3 ANALYSIS OF HOURLY AVERAGED IMP-C DATA IN THE MAGNETOSPHERIC TAIL 2 UNCOUPLING OF
 EDUCATION FOR POLICY MAKERS AN ANALYSIS OF LECTURERS AND READING MATERIALS AT SELECTED WAR COLLEGES
 SPECIAL PROGRAM IN MATHEMATICAL ANALYSIS
 RAPID AND ULTRA-SENSITIVE METAL ANALYSIS BY NEW GAS CHROMATOGRAPHIC TECHNIQUES
 FORMAL SYSTEMS OF INTUITIONISTIC ANALYSIS I
 AMBIGUITIES IN THE OPTICAL-MODEL ANALYSIS OF ALPHA-PARTICLE SCATTERING
 THE STATISTICAL AND COMPUTATIONAL ANALYSIS OF A SIMPLE LEARNING PROGRAM FINAL REPORT MARCH 1966
 LARGE AND SMALL SCALE SENSITIVITY ANALYSIS OF OPTIMUM ESTIMATION ALGORITHMS
 YMF 050-III SOLAR ULTRAVIOLET DATA ANALYSIS PROGRAM FINAL REPORT NOV 1966
 AN EXPERIMENTAL METHOD FOR PROSODIC ANALYSIS
 THE MANGANESE STAR 53 TAURI II FINE ANALYSIS
 APPLICATION OF AUTOMATIC LITERATURE ANALYSIS TECHNIQUES TO PSYCHIATRIC INTERVIEWS
 SIMPLIFIED VARIATIONAL AND PHYSICAL ANALYSIS OF HEAT TRANSFER IN LAMINAR AND TURBULENT FLOW
 FREQUENCY DEPENDENT FICTION CONSTANT ANALYSIS OF DIFFUSION IN SIMPLE LIQUIDS
 CUPROUS CHLORIDE IN HYDROCHLORIC ACID ANALYSIS AND SOLUBILITY
 THE USE OF PRECISE SCHOTTKY DATA IN THE ANALYSIS OF THE METAL-VACUUM SURFACE BARRIER FOR THERMIONIC EMITTERS I-
 COMPUTER ASSISTED ELECTROENCEPHALOGRAPHIC ANALYSIS OF CHICK PYRIDOXINE DEFICIENCY STATES
 UTILIZATION OF THE LAMBDA FUNCTIONS IN THE ANALYSIS AND SYNTHESIS OF MONOPULSE ANTENNA DIFFERENCE PATTERNS
 DECISION-THEORETIC PSYCHOMETRICS A LOGICAL ANALYSIS OF GUESSING
 MODULATED LIGHT SOURCE FOR ELECTRO-OPTICAL ANALYSIS OF SPECTRAL LINES
 PREDICTION -TRYING A PILOT STUDY IN SEMANTIC ANALYSIS
 RESEARCH IN STATISTICS INFORMATION THEORY AND ANALYSIS FINAL REPORT JULY 1968
 UTILITY OF QUANTIZED MODELS OF FADING FOR ERROR ANALYSIS FINAL REPORT JAN 1968
 MECHANISMS OF COLOR DISCRIMINATION A BEHAVIORAL ANALYSIS FINAL REPORT JAN 1967
 NOTES TOWARDS AN AXIOMATIZATION OF INTUITIONISTIC ANALYSIS
 A NUMERICAL INTEGRATION FORMULA USEFUL IN FOURIER ANALYSIS
 APPLICATION OF GEOMETRICAL OPTICS TO THE DESIGN AND ANALYSIS OF MICROWAVE ANTENNAS
 SMOOTHING EFFECT OF THE TURBULENCE TERM IN OBJECTIVE ANALYSIS AND NUMERICAL PREDICTION
 CONVECTIVE INSTABILITY OF INERTIA WAVES AND PHYSICAL ANALYSIS OF THE FORMATION OF TYPHOONS AT THE EARLY STAGE
 ALGEBRA AUTOMATA II THE CATEGORICAL FRAMEWORK FOR DYNAMIC ANALYSIS
 A MONTE CARLO SIMULATION OF THE NUCLEAR ACTIVE CASCADE IN EAS /ANALYSIS OF BOLIVIAN AIR SHOWER JOINT EXPERIMENT/
 AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO THE STRESS ANALYSIS OF A CLAMPED RECTANGULAR PLATE
 CHOICE OF AXES FOR PROJECTION OF DATA ON A CRT USING MULTIVARIATE ANALYSIS OF VARIANCE
 DETERMINATION OF TRACE ELEMENTS IN STONE METEORITES BY ACTIVATION ANALYSIS /GERMAN/
 COMPUTERIZED GRAPHICAL DISPLAY OF DATA FOR VISUAL EXAMINATION AND ANALYSIS IN PHYSICS RESEARCH
 A STUDY OF DISCRETE PROPAGATION-BASED MODELS FOR PICTORIAL PATTERN ANALYSIS FINAL REPORT JUNE 1967
 DETERMINATION OF CARBON NITROGEN AND OXYGEN IN SILICON BY ACTIVATION ANALYSIS
 SEVERAL HIGH SENSITIVITY RADIO-FREQUENCY DETECTORS FOR PERMANENT GAS ANALYSIS
 APPLICATION OF THE SHOOT-SURFACE INTERPOLATION TO THE FINITE-ELEMENT ANALYSIS
 AN EXTENSION OF THE INITIAL VALUE THEOREM AND ITS APPLICATION TO RANDOM SIGNAL ANALYSIS
 AIR PRESSURE DEPENDENCE OF COSMIC RAY INTENSITY METHODS AND RESULTS OF A STATISTICAL ANALYSIS OF NEUTRON MONITOR DATA
 OPERATION OF A LONG PERIOD SEISMOGRAPH NETWORK UTILIZING MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON
 INTERACTION OF A CHEMICALLY REACTING LAMINAR BOUNDARY LAYER AND AN ABLATING SURFACE PART I ANALYSIS
 FROM RESEARCH TO APPLICATION A FOLLOW-UP EFFECTIVENESS STUDY OF GRANT AF-AF08R 177-63 COMPUTER ANALYSIS AND SYNTHESIS

AFOSR67-2073
 AFOSR68-0846
 AFOSR68-2044
 AFOSR68-2326
 ARL 68-0018
 AFOSR67-0107
 AFOSR67-1827
 AFOSR67-2585
 AFOSR68-1816
 AFOSR68-2358
 ARL 68-0071
 AFOSR67-0261
 AFOSR67-1249
 AFOSR68-1282
 AFOSR67-0057
 AFOSR67-0630
 AFOSR68-0176
 AFOSR67-2367
 AFOSR67-2628
 AFOSR67-2773
 AFOSR67-2830
 AFOSR68-0677
 AFOSR68-0678
 AFOSR68-0975
 AFOSR68-2411
 AFOSR68-2714
 ARL 67-0287
 AFOSR67-0363
 AFOSR68-0901
 AFOSR68-1101
 AFOSR68-1375
 AFOSR68-2080
 AFOSR68-2214
 ARL 67-0085
 SRI 68-0001
 AFOSR67-2836
 AFOSR68-0088
 AFOSR67-2096
 AFOSR67-0476
 AFOSR68-1893
 AFOSR68-2142
 AFOSR68-2049
 AFOSR68-0353
 AFOSR67-1000
 AFOSR67-0348
 AFOSR68-0300
 ARL 68-0235
 ARL 68-0332
 AFOSR67-0153
 AFOSR67-1804
 AFOSR68-
 AFOSR67-1149
 AFOSR68-2839
 ARL 67-0168
 ARL 68-1043
 AFOSR67-1887
 AFOSR68-0024
 AFOSR68-0036
 AFOSR67-0850
 AFOSR67-0987
 AFOSR68-1391
 AFOSR68-1846
 AFOSR67-0351
 AFOSR68-0953
 AFOSR68-2181
 ARL 67-1123
 AFOSR67-0622
 AFOSR67-2181
 AFOSR68-0505
 AFOSR68-2027
 AFOSR68-0570
 AFOSR67-3250
 AFOSR67-1119
 AFOSR67-2019
 AFOSR68-0103
 AFOSR68-1944
 AFOSR68-0089
 AFOSR67-0189
 AFOSR67-1890
 AFOSR68-0834
 AFOSR68-2154
 ARL 67-1193
 AFOSR68-0765
 AFOSR68-1480
 AFOSR68-0033
 AFOSR67-2140
 AFOSR67-0620
 AFOSR68-0493
 AFOSR67-0501
 AFOSR68-0289
 AFOSR68-0292
 AFOSR68-0454
 AFOSR68-0184
 AFOSR67-1580
 AFOSR68-0393
 AFOSR68-1990
 ARL 68-0267
 AFOSR67-0467
 AFOSR67-0227
 AFOSR68-0353
 AFOSR67-1899
 AFOSR68-1832
 AFOSR67-0212
 AFOSR67-0449
 ARL 68-0029
 AFOSR67-1819

ELECTRICAL MEASUREMENTS AND NUCLEAR ACTIVATION TECHNIQUES FOR RADIATION DAMAGE STUDIES AND IMPURITY ANALYSIS IN APPLICATION OF MULTILAYER ANALYZERS TO IS-150 A FLUORESCENCE SPECTROSCOPY FOR CHEMICAL AND VALENCE BAND ANALYSIS AFOSR67-0090 AFOSR67-0035

ANALYTIC

ANALYTIC CONTINUATION AND GLOBAL THEOREMS IN GENERAL RELATIVITY
ANALYTIC CONTINUATION OF THE OFF-ENERGY-SHELL SCATTERING AMPLITUDE
ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL COMPLEX VARIABLES
ANALYTIC AND ALGEBRAIC RELATIONS BETWEEN SOME CLASSICAL QUANTUM - MECHANICAL PROBLEMS
ON THE ANALYTIC PROPERTIES OF SOLUTIONS FOR A GENERALIZED AXIALLY SYMMETRIC SCHRÖDINGER EQUATION
ON THE ANALYTIC PROPERTIES OF SOLUTIONS OF EQUATION
FUNCTIONAL ANALYTIC ASPECTS OF CONTROL THEORY
APPROXIMATE ANALYTIC SOLUTIONS FOR NONSIMILAR BOUNDARY LAYERS
LINEAR SPACES OF ANALYTIC FUNCTIONS
INFINITE GAMES AND ANALYTIC SETS
A LINDOLF THEOREM AND ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL VARIABLES WITH AN APPLICATION TO THE FEYNMAN
AN INVESTIGATION OF THE ANALYTIC PROPERTIES OF SOLUTIONS TO THE GENERALIZED AXIALLY SYMMETRIC REDUCED WAVE EQUATION IN
UNIQUENESS THEOREMS FOR ANALYTIC FUNCTIONS OF ONE AND OF SEVERAL COMPLEX VARIABLES
APPROXIMATION BY BOUNDED ANALYTIC FUNCTIONS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE
A TRANSLATION THEOREM FOR ANALYTIC FEYNMAN INTEGRALS
ANTHROPOLOGY IN GOVERNMENT AN ANALYTIC BIBLIOGRAPHY
REALIZATION OF LIE ALGEBRAS BY ANALYTIC FUNCTIONS OF GENERATORS OF A GIVEN LIE ALGEBRA
POLYNOMIAL APPROXIMATION OF FUNCTIONS ANALYTIC IN A DISK
DISTRIBUTIONS AND THE BOUNDARY VALUES OF ANALYTIC FUNCTIONS
ON ENTIRE FUNCTIONS OF EXPONENTIAL TYPE AND INDICATORS OF ANALYTIC FUNCTIONALS
REPRESENTATIONS OF THE ALGEBRA OF ALL OPERATORS IN HILBERT SPACE AND RELATED ANALYTIC FUNCTION ALGEBRAS
CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC JORDAN CURVE WITH AFOSR67-0147 AFOSR67-2146 AFOSR67-2799 AFOSR68-1214 AFOSR67-0837 AFOSR67-2190 ARL 68-1288 ARL 67-0131 AFOSR68-0203 AFOSR68-0280 AFOSR68-2826 AFOSR68-0766 AFOSR68-0986 AFOSR68-2799 AFOSR67-2767 AFOSR68-0648 AFOSR68-2801 AFOSR67-0561 AFOSR67-1272 AFOSR67-2864 AFOSR67-2846 AFOSR67-2880

ANALYTICAL

ANALYTICAL DESCRIPTION OF A FARRY-PRODT PHOTOELECTRIC SPECTROMETER
ANALYTICAL AND EXPERIMENTAL STUDIES OF MICROWAVE INTERACTION WITH A HYPERSONIC AIR PLASMA
ANALYTICAL EXPRESSIONS OF SPACE-TIME CORRELATIONS CELERITIES FACILITIES AND METHODS OF MEASUREMENT FOR TEMPERATURE
ANALYTICAL METHODS IN PROBABILITY THEORY
ANALYTICAL AND EXPERIMENTAL INVESTIGATIONS OF OSCILLATIONS IN ROCKET MOTOR BAFFLE CAVITIES FINAL REPORT MAY 1968
ANALYTICAL TECHNIQUES FOR THE DETERMINATION OF TRACE IMPURITIES IN CADMIUM SULFIDE FINAL REPORT JULY 1968
ANALYTICAL TREATMENT OF THE EXPLOSION PROBLEM
AN ANALYTICAL STUDY OF A FLUID CYLINDER ARC MODEL BALANCED BY CROSSED MAGNETIC AND FLOW FIELDS FINAL REPORT JAN 1968
SOME ANALYTICAL METHODS FOR SOLVING A CLASS OF BOUNDARY VALUE PROBLEMS
SOME ANALYTICAL TREATMENTS OF ELECTROHYDRODYNAMIC PROCESSES
APPROXIMATE ANALYTICAL SOLUTION FOR SATELLITE ORBITS SUBJECTED TO SMALL THRUST OR DRAG
PRELIMINARY ANALYTICAL EXPLORATIONS OF HEAT TRANSFER FROM BOUNDARY LAYERS CONTAINING STREAMWISE VORTICES, FINAL REPORT
EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF THE EXPANSION FLOW FIELD OVER A DELTA WING AT HYPERSONIC SPEEDS FINAL
A COMPUTER STUDY OF AN ANALYTICAL MODEL OF BOUNDARY LAYER TRANSITION AFOSR67-0020 AFOSR67-0201 AFOSR67-0992 AFOSR67-1190 AFOSR68-1369 ARL 68-0132 ARL 68-1384 ARL 68-0019 AFOSR67-0362 ARL 68-1365 AFOSR67-2288 ARL 67-0280 ARL 68-0027 AFOSR68-0617

ANALYTICITY

ANALYTICITY CONSTRAINTS ON UNPAUL-MASS REGGE FORMULAS
ANALYTICITY AND CAUSALITY
USE OF ANALYTICITY IN THE CALCULATION OF NONRELATIVISTIC SCATTERING AMPLITUDES
HERMITIAN ANALYTICITY AND S-MATRIX SINGULARITY STRUCTURE
MOMENTUM-SPACE ANALYTICITY PROPERTIES OF THE BERGMAN-WEIL INTEGRAL FOR THE THREE POINT FUNCTION
DAUGHTERS FROM ANALYTICITY PLUS CROSSING SYMMETRY AFOSR67-1195 AFOSR68-0649 AFOSR68-1630 AFOSR67-1138 AFOSR67-1537 AFOSR67-2701

ANALYZER

SPEECH ANALYZER SYSTEMS FINAL REPORT JUN 1968
SPATIAL INTENSITY DISTRIBUTION AND COLOR ANALYZER FINAL REPORT SEP 1967
NARROW BAND LONG RANGE COLOR TELEVISION SYSTEM INCORPORATING COLOR ANALYZER
MODIFICATION OF THE MODEL 254C SIMULANEOUS DOUBLE-SPECTRUM /SPECTRUM/ ANALYZER FOR IMPROVED EXTRACTION OF PITCH DATA AFOSR68-0618 ARL 67-0160 ARL 67-1138 AFOSR68-0116

ANALYZERS

APPLICATION OF MULTILAYER ANALYZERS TO IS-150 A FLUORESCENCE SPECTROSCOPY FOR CHEMICAL AND VALENCE BAND ANALYSIS
INVESTIGATION OF CURRENT-VOLTAGE CHARACTERISTICS OF SPACECRAFT-MOUNTED SPHERICAL ELECTROSTATIC ANALYZERS FINAL REPORT AFOSR67-0035 AFOSR68-0680

ANALYZING

MODELS FOR ANALYZING INFORMATION AND COMMAND SYSTEMS FINAL REPORT OCT 1968
ON THE USE OF EXPERIMENTAL AND COMPUTATIONAL TECHNIQUES IN ANALYZING THE PERFORMANCE OF SCANNED ARRAYS AFOSR68-2188 AFOSR68-0297

ANAMALIES

MICROSTRUCTURAL ANAMALIES AFFECTING TENSILE STRENGTH OF ALUMINUM OXIDE ARL 68-1175

ANATOMICAL

ANATOMICAL LOCALIZATION OF TARGET LEARNING AND MEMORY FINAL REPORT NOV 1967 AFOSR67-2506

ANCHOR

ANCHOR EFFECT LIMITS AFOSR67-2492

ANDERSON

NEW COMPARISON OF THE ANDERSON AND S-O EXCHANGE MODELS
SINGLET-TRIPLET FORMULATION FOR DILUTE MAGNETIC ALLOYS II THE ANDERSON MODEL AFOSR68-1047 AFOSR68-2457

ANDES

PRELIMINARY STUDY OF THE AFTERSHOCKS IN THE CENTRAL ANDES AFOSR67-2070

ANDREAS

A MICRO-EARTHQUAKE SURVEY OF THE SAN ANDREAS FAULT SYSTEM IN SOUTHERN CALIFORNIA AFOSR67-2143

ANELASTIC

ANELASTIC RELAXATION IN NaCl ARL 67-1147

ANELASTICITY

THE ANELASTICITY OF THE MANTLE AFOSR68-1450

ANEMOMETER	
CONTINUOUS-WAVE THREE-COMPONENT SONIC ANEMOMETER FINAL REPORT MAR 1968 IMPROVEMENTS AND REFINEMENTS ON A PULSE TYPE SONIC ANEMOMETER FINAL REPORT AUG 1968	AFCL68-0140 AFCL68-0814
ANEMOMETRY	
ADVANCES IN HOT WIRE ANEMOMETRY PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON HOT WIRE ANEMOMETRY FINAL REPORT JULY	AF15HAB-1992
ANESTHESIA	
THE NEUROPHYSIOLOGY OF ANESTHESIA	AFOSR67-1314
ANESTHETICS	
BINDING OF ANESTHETICS TO PROTEINS LINKAGE BETWEEN THE BIRTH-LIGAND SITE OF HEME IRON ION AND THE NONPOLAR BINDING	AFOSR68-2755
ANGEL	
QUANTITATIVE OBSERVATIONS OF DOT ANGEL ECHOES AT TWO FREQUENCIES	AFOSR67-0870
ANGLE	
ANGLE DEPENDENT REFLECTIVITY OF NATURAL SURFACES 1 - 12 MICRON FINAL REPORT AUG 1968 KIEBSTER ANGLE REFLECTION SPECTRUM FOR OPTICAL RESONANCES NUSE BLUNTNESS, CONE ANGLE, AND MACH NUMBER EFFECTS ON THE STABILITY DERIVATIVES OF BLENDER CONES FINAL REPORT SEP 1968 DIAGNOSTICS OF MAGNETOPLASMAS BY LARGE ANGLE LASER SCATTERING THE BEHAVIOUR OF THE ANGULAR CORRELATION SYMMETRY ANGLE FOLLOWING INELASTIC SCATTERING OF HELIUM 3 PARTICLES FROM VORTEX INDUCED ROLLING MOMENTS ON FINNED MISSILES AT HIGH ANGLE OF ATTACK REPRESENTATION OF THE THREE-DIMENSIONAL ROTATION GROUP IN TERMS OF DIRECTION AND ANGLE OF ROTATION. A NOTE ON THE VARIATION OF THE UNIT REYNOLDS NUMBER ON A FLAT PLATE AS A FUNCTION OF THE ANGLE OF ATTACK FINAL REPORT APPROXIMATE ROUGH SLIP VECTOR DIRECTION DETERMINATION FOR IBERIAN NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE FROM	AFCL68-0551 ARL 68-0251 ARL 67-0184 ARL 67-0020 AFOSR68-1384 AFCL68-0567 ARL 68-0251 ARL 68-0030 AFOSR68-1436
ANGLES	
METHOD OF DETECTING SMALL ANGLES OF MICROWAVE FARADAY ROTATION HYPERSONIC FLOW OF BLUNT DPLTA WINGS AT LOW ANGLES OF ATTACK I SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION RELATIVISTIC POSITRON-ELECTRON BREMSSTRAHLUNG AT WIDE ANGLES A NUMERICAL CALCULATION TRANSMISSION THROUGH AN ANISOTROPIC PLASMA SLAB AT ARBITRARY ANGLES OF INCIDENCE CORRELATION BETWEEN OPTICAL AND RADIO EMISSION FROM EXTENSIVE AIR SHOWERS AT LARGE ZENITH ANGLES	AFOSR67-0375 AFOSR67-0005 AFOSR67-1647 AFCL67-0674 AFOSR67-1374
ANGSTROMS	
THE SOLAR LINE AT LAMBDA 6868 ANGSTROMS INTERPRETED AS CH LOSS MEASUREMENT OF ORGANIC MATERIALS AT 6328 ANGSTROMS	AFOSR67-1596 AFOSR68-0082
ANGULAR	
ANGULAR RESOLUTION BEYOND THE RAYLEIGH LIMIT ANGULAR RESOLUTION OF A PASSIVE TWO-ANTENNA SYSTEM ANGULAR FUNCTIONS FOR A THREE NUCLEON SYSTEM ANGULAR DIAMETER OF JC 879 FROM INTERPLANETARY SCINTILLATIONS ANGULAR CORRELATION MEASUREMENTS FOR NICKEL 68 - PROTON GAMMA ANGULAR SIZE OF JC 373 B ANGULAR DISTRIBUTIONS OF FAST SCATTERED PARTICLES RESULTING FROM COLLISIONS OF 1 - TO 60 KEV NOBLE GASES WITH METAL ANGULAR DEPENDENCE OF SCATTERING AT HIGH ENERGIES COMPLEX ANGULAR MOMENTUM AND INFINITE HELICITY SUMS GAMMA-RAY ANGULAR CORRELATION STUDIES AND ISOBARIC ANALOG STATES IN 28-10 SHELL NUCLEI ENERGETIC AND ANGULAR STUDIES OF ARGON-DEUTERIUM POSITIVE MOLECULAR ION AND NITROGEN-DEUTERIUM POSITIVE MOLECULAR ANALYSIS OF 3-BODY ANGULAR MOMENTUM STATES IN PI N INTERACTIONS THE BEHAVIOUR OF THE ANGULAR CORRELATION SYMMETRY ANGLE FOLLOWING INELASTIC SCATTERING OF HELIUM 3 PARTICLES FROM A METHOD OF DETERMINING ANGULAR MOMENTA OF NUCLEAR EXCITED STATES TABLES OF COEFFICIENTS FOR ANGULAR CORRELATION OF RADIATIVE TRANSITIONS FROM ALIGNED NUCLEI CORRELATION EFFECTS IN ATOMS II ANGULAR CORRELATIONS BETWEEN ELECTRONS CONDITIONS FOR THE VALIDITY OF THE ANGULAR SPECTRUM OF PLANE WAVES INVESTIGATION OF EXTRA-NUCLEAR EFFECTS IN ANGULAR CORRELATIONS FINAL REPORT JUNE 1967 THE EFFECT OF LINEAR FREQUENCY MODULATION ON ANGULAR RESOLUTION AND POINTING ACCURACY COMPUTER PROGRAMS FOR THE ANALYSIS OF GAMMA-RAY ANGULAR CORRELATION MEASUREMENTS FINAL REPORT AUG 1967 NUCLEAR STRUCTURE OF JC SUPPER 43 II. GAMMA-RAY ANGULAR CORRELATIONS A SIMPLIFIED PROCEDURE FOR CORRECTING A MEASURED ANGULAR DISTRIBUTION OF PARTICLES FOR DISTORTION BY A SCATTERING A BROAD-RANGE MAGNETIC SPECTROGRAPH SYSTEM FOR ROUTINE ANGULAR DISTRIBUTION DETERMINATIONS THE STELLAR INTERFEROMETER AT NARRABRI OBSERVATORY -II THE ANGULAR DIAMETERS OF 15 STARS LUNAR OCCULTATION STUDIES OF FIVE WEAK RADIO SOURCES OF SMALL ANGULAR SIZE EVIDENCE FOR EXCHANGE EFFECTS IN INELASTIC SCATTERING PROCESSES FROM ANGULAR CORRELATION DATA	AFCL67-0061 AFCL67-0368 AFOSR67-1356 AFOSR67-1447 AFOSR68-0696 AFOSR68-1025 AFOSR68-2100 AFOSR68-2262 AFOSR68-0779 ARL 67-1036 AFOSR67-1374 AFOSR67-2822 AFOSR68-1384 ARL 67-1248 ARL 68-0330 AFOSR67-2801 AFOSR68-2806 AFOSR67-1612 AFCL67-0680 ARL 67-0184 ARL 68-1341 AFOSR68-0567 AFOSR67-0446 AFOSR68-1797 AFOSR67-1730 AFOSR68-1012
ANHARMONIC	
ANHARMONIC CONTRIBUTION TO THE GRUNEISEN PARAMETERS OF SOLID ARGON KRYPTON AND XENON ANHARMONIC CONTRIBUTIONS TO THE HELMHOLTZ FREE ENERGY OF A SIMPLE CRYSTAL MODEL HIGH-TEMPERATURE LIMIT AND ZERO-POINT ANHARMONIC POTENTIAL FUNCTIONS OF POLYATOMIC MOLECULES FINAL REPORT DEC 1967 VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS WITH EXCHANGE-DOMINATED COLLISIONS TEMPERATURE PROPAGATION IN ANHARMONIC SOLIDS LEAST-SQUARES ADJUSTMENT OF ANHARMONIC POTENTIAL CONSTANTS APPLICATION TO CARBON DIOXIDE CONTAINING ISOTOPES 12 AND 13 USE OF HELLMANN-FEYNMAN AND HYPERTHERMAL THEOREMS TO OBTAIN ANHARMONIC VIBRATION-ROTATION EXPECTATION VALUES AND THEIR NON-EQUILIBRIUM SOLUTIONS FOR THE RADIATIVE DECAY OF A SYSTEM OF OSCILLATORS HARMONIC AND ANHARMONIC	AFOSR67-1651 AFOSR68-0853 AFOSR68-0125 AFOSR67-1180 AFOSR68-1608 AFOSR68-1136 AFOSR68-0207 AFOSR67-0269 AFCL67-0446
ANHARMONICITY	
ANHARMONICITY IN THE SYMMETRIC AND ASYMMETRIC CH VIBRATIONS OF ETHYLENE FERROELECTRICITY AND LATTICE ANHARMONICITY TORSIONAL COORDINATES IN VIBRATIONAL ANHARMONICITY APPLICATION TO ETHYLENE	AFOSR67-2488 AFOSR68-1501 AFOSR67-2841
ANHYDRIDES	
MECHANISMS OF REACTIONS OF THIOSULFINATES /SULFINIC ANHYDRIDES/ I THE THIOSULFINATE-SULFINIC ACID REACTION MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR IV THE HYDROLYSIS OF SULFINYL SULFONES /SULFINIC ANHYDRIDES/	AFOSR67-2010 AFOSR67-2192
ANHYDROUS	
ANHYDROUS AND HYDRATED RARE EARTH ACETYLACETONATES AND THEIR INFRARED SPECTRA MEASURED RELATIVE ENTHALPY OF ANHYDROUS CRYSTALLINE ALUMINUM TRIFLUORIDE FROM 273 TO 1173 DEGREES K AND DERIVED	ARL 68-0127 AFOSR67-2014
ANHYSTERETIC	
ANHYSTERETIC MAGNETIZATION PROCESS AND ROSSBAUER EFFECT IN IRON POWDER	AFOSR68-0165

ANILINE	
BAND RE-ASSIGNMENT FOR ANILINE AND ITS DERIVATIVES THE MIGRATION /SPECTROSCOPIC/ MOMENT OF THE ANINO GROUPS	ARL 67-0222
ANIMAL	
ANIMAL SONAR SYSTEM BIOLOGY AND BIONICS VOLUMES 1 AND 2 SYMPOSIUM ON SONIC MODELS OF THE ANIMAL SONAR SYSTEM VILLA	AFOSR67-2074
ANIMAL SONAR IN AIR	AFOSR66-1679
ANIMAL SONAR SYSTEM BIOLOGY AND BIONICS VOLUMES 1 AND 2 SYMPOSIUM ON SONIC MODELS OF THE ANIMAL SONAR SYSTEM VILLA	AFOSR67-2074
ANIMALS	
LONG RANGE NAVIGATION IN ANIMALS FINAL REPORT SEPT 1968	AFOSR66-2373
SOME TECHNIQUES FOR THE ELECTRICAL BRAIN STIMULATION OF SMALL UNRESTRAINED ANIMALS	AFOSR67-0133
BRIEF COMMUNICATION A NEW TECHNIQUE FOR A STABLE PHOTIC STIMULATION OF FREE-MOVING ANIMALS	AFOSR66-1699
ANION	
THE HYPERPOLY-12-NIOBOMANGANATE/IV/ ANION	AFOSR66-0012
THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS IV THE ELECTRONIC STATES OF THE PARACYCLOPHANE ANION	AFOSR67-0644
SOLVENT EFFECTS ON THE BORON-FLUORINE COUPLING CONSTANT AND ON FLUORINE EXCHANGE IN THE TETRAFLUOROBORATE ANION	AFOSR60-1412
ANIONIC	
ANIONIC REARRANGEMENT OF HYDRAZINES II ISOMERS OF BIS /ORGANOSILYL/ HYDRAZINES	AFOSR67-0208
ANIONIC POLYMERIZATION AND COPOLYMERIZATION OF ACRYLOPHENONE	AFOSR66-1905
NEW ANIONIC REARRANGEMENTS IV KINETICS OF CATALYZED ANIONIC REARRANGEMENT OF BIS/ORGANOSILYL/METHYLHYDRAZINES	AFOSR67-2376
NEW ANIONIC REARRANGEMENTS III CATALYTIC REARRANGEMENT OF ORGANOSILYLHYDRAZINES	AFOSR67-2377
NEW ANIONIC REARRANGEMENTS VIII 1,4-ANIONIC REARRANGEMENT OF SILYLETHYLENEDIAMINES	AFOSR66-1157
ON SEQUENCE DISTRIBUTIONS FROM ANIONIC POLYMERIZATIONS	AFOSR67-1006
NEW ANIONIC REARRANGEMENTS IV KINETICS OF CATALYZED ANIONIC REARRANGEMENT OF BIS/ORGANOSILYL/METHYLHYDRAZINES	AFOSR67-2376
ANIONS	
ENOLATE ANIONS AS SYNTHETIC INTERMEDIATES	AFOSR67-2678
POTASSIUM HYPERFINE SPLITTING IN THE ESR SPECTRUM OF PYRENE ANIONS IN TETRAHYDROFURAN	AFOSR66-1255
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXX BEHAVIOR OF PHENYLALLYLIC ANIONS AND THEIR CONJUGATED ACIDS	AFOSR67-0447
THE CHEMISTRY OF CARBANIONS VIII THE INTRAMOLECULAR ALKYLATION OF KETYL RADICAL ANIONS	AFOSR67-1433
ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS II SPECTROSCOPIC EFFECTS OF PHENYL SUBSTITUTION IN BENZYL ANIONS	AFOSR66-1092
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXIX RELATIONSHIPS BETWEEN POSITION OF PROTONATION OF ALLYLIC ANIONS	AFOSR67-0429
ANISOLE	
EFFECT OF PRESSURE ON CONDUCTANCE III TETRAISODAMMONIUM PICRATE ANISOLE	AFOSR66-0216
ANISOTROPIC	
ANISOTROPIC MEDIA AND NETWORK SYNTHESIS FINAL REPORT OCT 1967	AFOSR67-0606
ANISOTROPIC SPIN POLARIZATION IN FERROMAGNETIC NICKEL	AFOSR67-0494
ANISOTROPIC PROPAGATION OF SOLAR PROTONS DEDUCED FROM SIMULTANEOUS OBSERVATIONS BY EARTH SATELLITES AND THE MARINER	AFOSR67-1217
NONLINEAR AND ANISOTROPIC EFFECTS IN MAGNETICALLY TUNED LASER AMPLIFIERS	AFOSR66-0671
SIGNAL DISTORTION IN ANISOTROPIC HOMOGENEOUS IONIZED MEDIA I LONGITUDINAL MAGNETIC FIELD	AFOSR67-0579
TRANSMISSION THROUGH AN ANISOTROPIC PLASMA SLAB AT ARBITRARY ANGLES OF INCIDENCE	AFOSR67-0624
HEAT CONDUCTION IN A ROUND ANISOTROPIC MEDIUM	AFOSR66-1735
TRANSIENT REFLECTED SIGNALS FROM AN ANISOTROPIC PLASMA	AFOSR67-0065
ANTENNA PROPERTIES IN THE PRESENCE OF ANISOTROPIC IONIZED MEDIA FINAL REPORT JUNE 1967	AFOSR67-0623
MULTI-MODE WAVE COUPLING IN INHOMOGENEOUS ANISOTROPIC MEDIA - WITH SOME MAGNETOIONIC APPLICATIONS	AFOSR66-0067
ANTENNA RADIATION PROPERTIES IN PRESENCE OF ANISOTROPIC PLASMAS	AFOSR67-0623
PURITY DEPENDENCE OF THE CRITICAL FIELD IN ANISOTROPIC SUPERCONDUCTORS	AFOSR67-0701
THEORY OF NON-LINEAR MIXED FREQUENCY GENERATION IN ANISOTROPIC PLASMA	AFOSR67-0067
AN INVESTIGATION OF THE ORDERING OF MOLECULES IN THE ANISOTROPIC LIQUID PHASE OF LIQUID CRYSTALS FINAL REPORT 1967	AFOSR67-2622
ELECTROMAGNETIC FIELDS IN A SPHERICAL CAVITY WITH A CONCENTRIC ANISOTROPIC SHELL SYSTEM	AFOSR66-0031
SCATTERING OF ELECTROMAGNETIC WAVES BY A SEMI-INFINITE METAL PLATE IN ANISOTROPIC PLASMA	AFOSR67-0291
THE RESOLUTION OF THE THERMODYNAMIC PARADOX AND THE THEORY OF GUIDED WAVE PROPAGATION IN ANISOTROPIC MEDIA	AFOSR66-1193
ANISOTROPY	
ANISOTROPY IN TUNNELING DENSITY OF STATES IN PURE TYPE-II SUPERCONDUCTORS	AFOSR67-1742
OPTICAL ANISOTROPY OF CHAIN MOLECULES THEORY OF DEPOLARIZATION OF SCATTERED LIGHT WITH APPLICATION TO POLY-N-ALKANES	AFOSR66-0260
MAGNETIC ANISOTROPY IN FERROMAGNETIC THIN FILMS	AFOSR66-0158
MICROHARDNESS ANISOTROPY IN ROCK SALT STRUCTURE OXIDES	AWL 66-1176
AXIAL MAGNETIC ANISOTROPY IN THE HEAVIER RARE EARTH SODIUM MOLYBDATE	AFOSR66-1462
A CASE OF TRANSIENT ANISOTROPY DURING THE RECOVERY PHASE OF A FORBUSH DECREASE	AFOSR67-0795
EFFECTS OF ENERGY GAP ANISOTROPY IN PURE SUPERCONDUCTORS	AFOSR67-0162
ANNEALED	
ON THE STATIC RESPONSE OF ANNEALED ALUMINUM	AFOSR67-2447
STRUCTURE TRANSFORMATIONS ON CLEAVED AND ANNEALED GE(111) SURFACES	AFOSR66-1870
SHOCK WAVES PRODUCED BY SMALL STRESS INCREMENTS IN ANNEALED ALUMINUM	AFOSR67-0655
DYNAMIC TEMPERATURE MEASUREMENT DURING AXIAL IMPACT OF ANNEALED ALUMINUM TUBES	AFOSR66-0826
EXPERIMENTAL DATA ON SMALL-PLASTIC DEFORMATION WAVES IN ANNEALED ALUMINUM	AFOSR66-0647
ANNEALING	
AN AUTOMATIC ELECTRIC ANNEALING FURNACE	AFOSR66-0528
LOW TEMPERATURE IRRADIATION AND ANNEALING OF N-TYPE GERMANIUM EFFECTS ON OPTICAL BLEACHING	AFOSR66-0214
ANNEALATION	
BY-PRODUCTS OF THE ROBINSON ANNEALATION REACTION WITH CYCLO- HEXANONE CYCLOPENTANONE AND CYCLOPENTANE-1,2-DIONE	AFOSR67-1428
ANNIHILATION	
BUBBLE ANNIHILATION IN CAVITATION STREAMERS	AFOSR66-2298
POSITRON ANNIHILATION IN METALS FINAL REPORT FEB 1968	AFOSR66-0318
POLARIZED POSITRON ANNIHILATION IN FERROMAGNETIC NICKEL	AFOSR67-0444
ANNUAL	
ANNUAL REPORT - SEPARATED FLOWS	AFOSR66-1899
FIFTH ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW	AFOSR66-0581
PROCEEDINGS OF ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW AT AUSTIN TEXAS 16-17 MAR 1967	AFOSR67-0851
REPORT OF JOINT SATELLITE STUDIES GROUP ANNUAL MEETING OSLO APRIL 1968 FINAL REPORT APR 1968	AFOSR66-0260
ANNULAR	
ANNULAR FLOW MGD DEVICE USING POTASSIUM GAS FINAL REPORT APRIL 1966	AFOSR67-1136

ANNULAR - CONTINUED

A MAGNETIC ANNULAR ARC DRIVEN SHOCK TUBE ARC STRUCTURE IN A MAGNETIC ANNULAR DISCHARGE FLOW OF A RAREFIED GAS IN A TUBE OF ANNULAR SECTION	AFOSR67-0418 AFOSR67-2049 AFOSR67-0137
ANNULI	
SUPERFLUID FLOW TRANSITIONS IN ROTATING NARROW ANNULI	AFOSR68-1317
ANNULUS	
STABILITY OF SUPERFLUID FLOW IN AN ANNULUS LOWERING SUPERFLUID STATES IN A ROTATING ANNULUS THRESHOLD FOR SUPERFLUID VORTEX LINES IN A ROTATING ANNULUS	AFOSR67-0019 AFOSR67-0017 AFOSR67-2569
ANODE	
SURVEY OF EFFECT OF SURFACE PROPERTIES ON ANODE EROSION, FINAL REPORT APRIL 1968 ELECTRICAL CONDUCTION FROM A LAMINAR ARC HEATED FLOW TO A COOLED CYLINDRICAL ANODE FINAL REPORT JULY 1967	ARL 68-0069 ARL 67-0142
ANODIC	
INTERMEDIATES IN ANODIC OXIDATION OF CARBOXYLATES CHRONOPOTENTIOMETRY RELATIVE RATE CONSTANTS FOR ANODIC OXIDATIONS OF POTASSIUM ALKANE CARBOXYLATES	AFOSR68-2910 AFOSR68-2908
ANOMALIES	
COLOR ANOMALIES AND METAL DEFICIENCIES IN SOLAR-TYPE DISK- POPULATION STARS SEISMIC ANOMALIES IN THE ALPINE ARC FINAL REPORT FEB 1968 MELTING-POINT ANOMALIES P AND S TRAVEL TIME ANOMALIES AND THEIR INTERPRETATION AZIMUTH AND SLOWNESS ANOMALIES OF SEISMIC WAVES MEASURED ON THE CENTRAL CALIFORNIA SEISMOGRAPHIC ARRAY PART II SOME REMARKS ON HEAT FLOW AND GRAVITY ANOMALIES INFRA-RED MAGNETO-OPTICAL STUDIES OF LINE-WIDTH ANOMALIES CAUSED BY RESONANT POLARON COUPLING TO MAGNETIC STATES IN ORBIT PERTURBATIONS OF ARTIFICIAL EARTH SATELLITES AS FUNCTIONS OF GRAVITY ANOMALIES AND DIFFERENTIAL CORRECTIONS OF	AFOSR67-0034 AFOSR68-0327 AFOSR67-1444 AFOSR67-0265 AFOSR67-0588 AFOSR68-1430 ARL 68-1374 AFOSR68-0163
ANOMALOUS	
ANOMALOUS THRESHOLDS AS LIMITS OF COMPLEX SINGULARITIES	AFOSR67-1541
ANOMALOUS	
ANOMALOUS HALL EFFECT AND OTHER RELATED NONLINEAR BULK EFFECTS FINAL REPORT SEPT 1967 ANOMALOUS SCATTERING BY MAGNETIC IMPURITIES IN SUPERCONDUCTORS ANOMALOUS PLASMA TRANSPORT IN RF DISCHARGES ANOMALOUS RESISTIVE INSTABILITY ANOMALOUS AND NORMAL SINGULARITIES AND THE INFINITE MOMENTUM LIMIT ANOMALOUS CONCENTRATION DEPENDENCE OF RESISTIVITY IN DILUTE MAGNETIC ALLOYS ON ANOMALOUS PLASMA TRANSPORT IN RF DISCHARGES NONCORRELATION OF ANOMALOUS PLASMA TRANSPORT EQUILIBRIUM PLASMA DENSITY AND LOW-FREQUENCY POTENTIAL OSCILLATIONS IN A NORMAL THRESHOLD BEHAVIOUR IN THE PRESENCE OF ANOMALOUS THRESHOLDS QUANTUM STRUCTURE IN THE DIELECTRIC FUNCTION OF METALS AND ANOMALOUS PROPAGATION MODES	AFOSR67-0547 AFOSR67-1038 AFOSR67-1596 AFOSR67-2503 AFOSR68-0987 AFOSR68-1749 AFOSR67-1175 AFOSR68-0741 AFOSR67-0072 AFOSR68-1788
ANOMALY	
ANOMALY IN SPIN-WAVE SPECTRUM OF MAGNETIC METALS COMPARISON OF SATELLITE GEODES AND ANOMALY FIELDS	AFOSR67-0108 AFOSR67-0131
ANTAGONISM	
STIMULUS-DEPENDENT ANTAGONISM OF THE ALPHA-METHYLTYROSINE- INDUCED LOWERING OF BRAIN CATECHOLAMINES BY LEVO	AFOSR68-2060
ANTENNA	
ANTENNA ARRAYS WITH PARTIALLY TAPERED AMPLITUDES ANTENNA SYSTEM OPTIMIZATION BY TRANSCoHERENCE FUNCTION MAXIMIZATION THEORY ANTENNA SYSTEM OPTIMIZATION BY TRANSCoHERENCE FUNCTION MAXIMIZATION APPLICATIONS ANTENNA RADIATION PROPERTIES IN PRESENCE OF ANISOTROPIC PLASMAS ANTENNA PROPERTIES IN THE PRESENCE OF ANISOTROPIC IONIZED MEDIA FINAL REPORT JUNE 1967 ANTENNA PROCESSING FOR HIGH-RESOLUTION MAPPING ANTENNA PROCESSING FOR SURFACE TARGET DETECTION ON ANTENNA IMPEDANCES IN A COLD PLASMA WITH A PERPENDICULAR STATIC MAGNETIC FIELD ROCKET ANTENNA MULTIPACTOR BREAKDOWN UNDER DYNAMIC PRESSURE CONDITIONS STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/ ADVANCED ANTENNA TECHNIQUES FINAL REPORT APR 1967 STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/ STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/ STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/ FINAL REPORT APR 1968 CIRCULAR ANTENNA ARRAYS HAVING TANGENTIAL DIPOLES AS ELEMENTS STUDIES OF ANTENNA BREAKDOWN IN THE PRESENCE OF A PLASMA SHEATH INCLUDING EFFECTS OF FORCED CONVECTION A 1600 MHZ ANTENNA FOR A TWENTY-FOUR INCH EJECTABLE SPHERE TRANSVERSE ANTENNA FEED STUDY FINAL REPORT MAY 1968 THE HELICAL ANTENNA AND ITS PROBLEMS STUDY OF ECM ANTENNA OPTIMIZATION FINAL REPORT MAR 1967 STUDY OF ECM ANTENNA OPTIMIZATION /U/ FINAL REPORT MAR 1967 S-BAND TELEMETRY ANTENNA STUDIES SOUNDING ROCKET RESEARCH AND DEVELOPMENT PROBLEMS S-BAND TELEMETRY ANTENNA STUDIES NOSE-TIP ARRAY AND OTHER SYSTEMS S-BAND TELEMETRY ANTENNA STUDIES CAVITY-MOUNTED ARRAY THE BUCKLAND PARK ANTENNA ARRAY THE DETERMINATION OF ANTENNA PARAMETERS BY THE USE OF EXTRA-TERRRESTRIAL RADIO SOURCES HIGH-GAIN UHF BACKFIRE ANTENNA FOR COMMUNICATIONS TELEMETRY AND RADIO ASTRONOMY STUDY OF APPLICATION OF ANTENNA OPTIMIZATION TECHNIQUES FINAL REPORT NOV 1967 POWER FLOW FROM A SHORT ANTENNA IN A LOSSY UNIAxIAL MEDIUM THE INSULATED CYLINDRICAL ANTENNA IMMERSED IN A COMPRESSIBLE PLASMA RADIATION PATTERNS OF A SLOT ANTENNA IN THE PRESENCE OF A BREAKDOWN SHEATH MICROWAVE ALL-PASS NETWORKS FOR ANTENNA FEED SYSTEMS GAIN OPTIMIZATION FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM FLUCTUATIONS A THEORETICAL STUDY OF A CYLINDRICAL ANTENNA WITH A HEMISPHERICAL CAP DESIGN AND FIRST OF MANY 23,000 136.5 MHZ ANTENNA FOR MIND AP 7,618 A METHOD OF OBTAINING THE IMPEDANCE OF AN ANTENNA IN A DISSIPATIVE MEDIUM FROM THAT IN AIR SPACE-TIME CROSS-CORRELATION FUNCTIONS FOR ANTENNA ARRAY ELEMENTS IN A NOISE FIELD STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS /U/ STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS /U/ STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS FINAL REPORT MAR 1968	AFOSR67-0088 AFOSR67-0150 AFOSR67-0168 AFOSR67-0623 AFOSR67-0625 AFOSR67-0637 AFOSR68-0119 AFOSR68-0576 AFOSR68-0155 AFOSR67-0302 AFOSR67-0317 AFOSR67-0456 AFOSR67-0629 AFOSR68-0253 AFOSR68-0271 AFOSR67-0190 AFOSR67-0238 AFOSR68-0279 AFOSR67-0358 AFOSR67-0348 AFOSR67-0349 AFOSR68-0331 AFOSR67-0339 AFOSR68-0620 AFOSR68-2011 AFOSR68-0231 AFOSR67-0568 AFOSR67-0632 AFOSR68-0573 AFOSR68-0577 AFOSR68-0601 AFOSR67-0235 AFOSR67-0489 AFOSR68-0347 AFOSR67-0083 AFOSR68-0049 AFOSR67-0464 AFOSR67-0473 AFOSR67-0474 AFOSR67-0545 AFOSR68-0037 AFOSR68-0038 AFOSR68-0226

ANTENNA

- CONTINUED

COMPARISON OF MULTIDIMENSIONAL DECISION-THEORETIC ANTENNA PROCESSING SYSTEM AND CONVENTIONAL SYSTEMS
 A GENERAL LEAST SQUARE DETERMINATION OF THE IMPEDANCE OF AN ANTENNA FROM SLOTTED LINE MEASUREMENTS ACCOUNT TAKEN OF
 THE EFFECT OF A FOREGROUND RIDGE ON THE GAIN AND PATTERN OF AN ANTENNA
 OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM ERRORS
 AN EXPERIMENTAL STUDY OF AN ELECTRICALLY THICK TUBULAR MONOPOLE ANTENNA DRIVEN BY A COAXIAL TRANSMISSION LINE
 THEORETICAL AND EXPERIMENTAL INVESTIGATION OF FOCAL PLANE ADAPTIVE ANTENNA TECHNIQUES FINAL REPORT APR 1966
 AN EXPLICIT RELATION BETWEEN MUTUAL COUPLING AND THE PATTERN OF AN ANTENNA ARRAY
 EIGENELEMENTS OF THE FINITE FOURIER TRANSFORM AND THEIR APPLICATION TO ANTENNA PATTERN SYNTHESIS
 CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN ELECTRICALLY THICK TUBULAR ANTENNA DRIVEN BY A VOLTAGE ACROSS A FINITE
 UTILIZATION OF THE LANBGA FUNCTIONS IN THE ANALYSIS AND SYNTHESIS OF MONOPOLE ANTENNA DIFFERENCE PATTERNS
 ARRAYS OF UNEQUAL AND UNEQUALLY SPACED DIPOLES WITH APPLICATION TO THE LOG-PERIODIC ANTENNA
 A COMPARISON BETWEEN A N-ELEMENTS CIRCULAR ARRAY AND AN ELECTRICALLY THICK TUBULAR DIPOLE ANTENNA WITH EQUIVALENT

AFCL66-0366
 AFCL66-0429
 AFCL67-0484
 AFCL67-0310
 AFCL67-0406
 AFCL68-0249
 AFOSR67-0468
 AFCL67-0362
 AFCL67-0377
 AFOSR68-0838
 AFCL67-0036
 AFCL67-0258

ANTENNAS

RADIO LINKS AND ANTENNAS IN BOUNDED OR BOUNDED LOSSY MEDIA FINAL REPORT JAN 1967
 INVESTIGATION OF ANTENNAS IN PLASMA MEDIA FINAL REPORT NOV 1968
 TELEMETRY AND COMMAND ANTENNAS FOR THE ATMOSPHERIC COMPOSITION SATELLITE
 HIGH GAIN LOG-PERIODIC ANTENNAS
 SURFACE FIELDS OF LINEAR ANTENNAS IN FREE SPACE DIELECTRIC RODS AND MAGNETODIOLIC MEDIA
 SOME PROPERTIES OF HELICAL ANTENNAS AT LOW FREQUENCIES
 IMPEDANCE-LOADING RECEIVING ANTENNAS WITH MINIMUM BACKSCATTERING AND MAXIMUM RECEIVED POWER
 TELEMETRY COMMAND AND RECON ANTENNAS FOR VARIOUS AIR FORCE ROCKETS PROBES AND SATELLITES FINAL REPORT JAN 1967
 STUDY OF PLASMA SHEATH EFFECTS ON ANTENNAS FINAL REPORT APR 1967
 ELECTRICALLY-SMALL SUPERCONDUCTING ANTENNAS FINAL REPORT APRIL 1967
 RESEARCH IN ELECTROMAGNETIC RADIATION AND ANTENNAS A SUMMARIZING REVIEW FINAL REPORT DEC 1967
 VOLTAGE BREAKDOWN CHARACTERISTICS OF MISSILE ANTENNAS FINAL REPORT MAY 1968
 ON TWO ARBITRARILY LOCATED IDENTICAL PARALLEL ANTENNAS
 EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
 EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
 NATURE AND OPTIMISATION OF THE GROUND-LATERAL-WAVE EXCITED BY SUBMERGED ANTENNAS
 APPLICATION OF GEOMETRICAL OPTICS TO THE DESIGN AND ANALYSIS OF MICROWAVE ANTENNAS
 AN EXPERIMENTAL STUDY OF THE BREAKDOWN CHARACTERISTICS OF MICROWAVE AND VHF ANTENNAS FINAL REPORT JULY 1968
 EXPERIMENTAL INVESTIGATION OF MUTUAL ADMITTANCE AND MICROWAVE BREAKDOWN OF SLOT ANTENNAS

AFCL67-0167
 AFCL68-0616
 AFCL67-0072
 AFCL67-0325
 AFCL68-0574
 AFCL68-0345
 AFCL68-0583
 AFCL67-0110
 AFCL67-0300
 AFCL67-0200
 AFCL67-0667
 AFCL68-0336
 AFCL67-0200
 AFCL67-0667
 AFCL68-0086
 AFOSR67-1862
 AFCL67-0501
 AFCL68-0450
 AFCL68-0578

ANTHOLOGY

THE CMLODORRONS/ ANTHOLOGY I/ FINAL REPORT AUG 1967

ARL 67-0167

ANTHRACENE

INTERACTION OF ANTHRACENE AND BIACETYL AT DIFFERENT EXCITATION WAVELENGTHS
 STRUCTURED FLUORESCENCE SPECTRUM OF ANTHRACENE VAPOR

ARL 68-0130
 AFOSR68-0730

ANTHROPOLOGY

ANTHROPOLOGY IN GOVERNMENT AN ANALYTIC BIBLIOGRAPHY

AFOSR68-0042

ANTIBODIES

ANTIBODIES TO SEQUENTIAL AND CONFORMATIONAL DETERMINANTS
 FORMATION AND ISOLATION OF RABBIT ANTIBODIES TO A SYNTHETIC ANTIGEN OF LOW MOLECULAR WEIGHT
 STUDIES ON THE COMPETENCE OF SINGLE CELLS TO PRODUCE ANTIBODIES OF TWO SPECIFICITIES

AFOSR68-2701
 AFOSR67-2349
 AFOSR68-2726

ANTIBODY

USE OF SYNTHETIC POLYPEPTIDES IN STUDIES ON THE CONTROL OF ANTIBODY FORMATION

AFOSR68-0534

ANTICLUTTER

RESONANT-REGION RADAR AND OTHER ANTICLUTTER TECHNIQUES /U/

AFCL68-0052

ANTIFERROMAGNET

HARTREE-FOCK APPROXIMATION TO THE HEISENBERG ANTIFERROMAGNET
 MAGNETIC FIELD-DEPENDENT ELASTIC EFFECTS IN THE CUBIC ANTIFERROMAGNET /RUBIDIUM MANGANESE TRIFLUORIDE/

AFOSR67-1207
 AFOSR67-2731

ANTIFERROMAGNETIC

EVIDENCE FOR ANTIFERROMAGNETIC EXCHANGE IN THE SPECIFIC HEAT OF CDS MN AT 4.2 DEGREES K
 HARMONIC GENERATION IN ANTIFERROMAGNETIC RESONANCE
 ELECTRON SPIN POLARIZATION IN FIELD-COOLED ANTIFERROMAGNETIC CHROMIUM
 ANALYSIS OF NUCLEAR-QUADRUPLER-RESONANCE SPECTRA IN ANTIFERROMAGNETIC SINGLE CRYSTALS

ARL 68-1463
 AFCL67-0254
 ARL 68-1483
 AFOSR68-0050

ANTIFERROMAGNETISM

ANTIFERROMAGNETISM IN DIBROMIDIUM MANGANESE CHLORIDE DIBROMIDE
 KINETIC EFFECTS IN SPIN-1/2 ANTIFERROMAGNETISM

AFOSR68-0051
 AFOSR68-0414

ANTIFERROMAGNETS

ABSORPTION PEAK FOR ULTRASONIC WAVES NEAR THE SPIN-FLOP TRANSITION OF UNIAXIAL ANTIFERROMAGNETS

AFOSR67-1411

ANTIGEN

INDUCTION OF UNRESPONSIVENESS TO A SYNTHETIC ANTIGEN CAPABLE OF PROVOKING EXCLUSIVELY DELAYED-TYPE SENSITIVITY IN
 FORMATION AND ISOLATION OF RABBIT ANTIBODIES TO A SYNTHETIC ANTIGEN OF LOW MOLECULAR WEIGHT

AFOSR68-0535
 AFOSR67-2349

ANTIGENIC

ANTIGENIC COMPETITION BETWEEN POLYPEPTIDYL DETERMINANTS IN NORMAL AND TOLERANT RABBITS

AFOSR68-1652

ANTIGENS

DIFFERENCES IN IMMUNE RESPONSE TO SYNTHETIC ANTIGENS IN TWO INBRED STRAINS OF GUINEA-PIGS
 NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1966
 NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1967

AFOSR67-2350
 AFOSR67-0610
 AFOSR68-0520

ANTIMONIDE

STUDIES OF THE EMISSION FROM INDIUM ANTIMONIDE
 MICROWAVE EMISSION FROM INDIUM-NICKEL ANTIMONIDE EUTECTIC
 CONTINUOUS MICROWAVE EMISSION FROM INDIUM ANTIMONIDE
 LINEAR CRYSTAL MOMENTUM VALENCE-BAND SPLITTING IN INDIUM ANTIMONIDE
 ELECTROREFLECTANCE STUDY OF INTERBAND MAGNETO-OPTICAL TRANSITIONS IN INDIUM ARSENIDE AND INDIUM ANTIMONIDE AT 1.5

AFOSR68-2041
 AFOSR68-2208
 AFOSR67-0810
 AFOSR68-1469
 AFOSR67-2361

ANTIMONY

LOW-TEMPERATURE SPECIFIC HEAT OF ANTIMONY REACTIONS OF RHENIUM CARBOXYL DERIVATIVES WITH ANTIMONY PENTACHLORIDE SPOT TESTS FOR THE DETECTION OF ELEMENTAL ARSENIC ANTIMONY AND TIN SPOT TESTS FOR THE DETECTION OF BOUND ARSENIC AND ANTIMONY LOW-ENERGY ELECTRON DIFFRACTION STUDY OF SURFACES OF ANTIMONY AND BISMUTH THE FLUOROSULFURIC ACID SOLVENT SYSTEM II: SOLUTIONS OF ANTIMONY TETRAPHOSPHORIDE ANTIMONY PENTAFLUORIDE THE CRYSTAL CHEMISTRY OF SELECTED ARSINE RARE EARTH COMPOUNDS WITH SELENIUM TELLURIUM AND ANTIMONY	AFOSR67-1645 AFOSR68-0687 ARL 67-0086 ARL 67-0087 AFOSR67-2606 AFOSR67-0545 AFOSR67-2485
ANTINORMALLY	
ANTINORMALLY ORDERED CORRELATIONS AND QUANTUM COUNTERS	AFOSR67-0388
ANTIOCH	
THE EARTHQUAKE SEQUENCE OF SEPTEMBER 1965 NEAR ANTIOCH CALIFORNIA	AFOSR67-0888
ANTISYMMETRIC	
ANTISYMMETRIC EXCHANGE	AFOSR68-1841
ANTISYMMETRIZED	
ANTISYMMETRIZED DISTORTED-WAVE APPROXIMATION FOR NUCLEON-NUCLEUS SCATTERING	AFOSR67-1600
ANTIUNITARY	
UNITARY AND ANTIUNITARY RAY REPRESENTATIONS OF THE PRODUCT OF N COMMUTING PARITY OPERATORS	AFOSR67-0700
ANTONIDE	
QUANTUM LIMIT GALVANOMAGNETIC PHENOMENA IN NORMAL-INDIUM ANTONIDE	AFOSR67-1677
AORTIC	
ROLE OF SINO AORTIC REFLEXES IN THE REGULATION OF EXPERIMENTAL RENAL HYPERTENSION DURING NATURAL SLEEP	AFOSR68-0943
APERIODIC	
AMPLITUDE BOUNDS ON PERIODIC AND APERIODIC OSCILLATIONS SECOND-ORDER SYSTEMS	AFOSR67-1776
APERTURE	
LARGE APERTURE SEISMIC TELEMETERING SYSTEM FOR CENTRAL ALASKA LINE SOURCE APERTURE MONOPULSE EXCITATIONS FINAL REPORT APR 1968 THEORY OF TENSOR APERTURE SYNTHESIS SCATTERING BY A SPHERICAL SHELL WITH A CIRCULAR APERTURE	AFOSR67-2151 AFOSR68-0254 AFOSR67-0226 AFOSR68-0036
APERTURES	
DETERMINATION OF APERTURES IN THE FOCUSING PLANE OF X-RAY POWDER DIFFRACTOMETERS	AFOSR67-0168
APPARATUS	
APPARATUS FOR GUARDED POLARIZATION MEASUREMENTS APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES APPARATUS FOR THERMOLUMINESCENCE MEASUREMENTS APPARATUS FOR THERMOLUMINESCENCE MEASUREMENTS AN APPARATUS FOR THE PRECISE DETERMINATION OF LIFETIMES OF ATOMIC STATES AN APPARATUS FOR THE MEASUREMENT OF INTERNAL FRICTION THE ROLE OF APPARATUS AND EQUIPMENT IN CHEMISTRY TECHNIQUE AND APPARATUS FOR DETERMINING THE RESPONSE OF SCINTILLATORS AND SEMICONDUCTORS TO LOW ENERGY X-RAY LOW TEMPERATURE CLEAVAGE MANIPULATOR FOR LEAD APPARATUS SHOCK WAVE PRECURSOR MEASUREMENTS PART II: EXPERIMENTAL APPARATUS AND AIR TEST RESULTS ABSOLUTE GRAVITY MEASUREMENT BY MEANS OF REVERSIBLE PENDULUM APPARATUS FINAL REPORT SEPT 1967 EXPERIMENTS ON THE INJECTION AND CONTAINMENT OF ELECTRON CLOUDS IN A TOROIDAL APPARATUS	ARL 67-0164 ARL 68-0234 ARL 68-0331 ARL 68-1187 ARL 68-1379 AFOSR68-1767 ARL 68-0237 ARL 68-1012 AFOSR67-1934 AFOSR67-2319 AFOSR68-1772 AFOSR67-0597 AFOSR68-1939
APPARENT	
APPARENT WARMTH AS A FUNCTION OF THERMAL IRRADIATION TRAVEL TIMES APPARENT VELOCITIES AND AMPLITUDES OF BODY WAVES EFFECTS OF THE STEFAN-HUSSLEY FLOW ON THE APPARENT KINETICS OF HETEROGENEOUS CHEMICAL REACTIONS IN FORCED CONVECTION BOUNDS ON THE VALUE OF A DIRICHLET INTEGRAL REPRESENTING A COEFFICIENT OF APPARENT MASS	AFOSR68-0313 AFOSR68-1449 AFOSR67-0468 ARL 67-1276
APPLICABILITY	
A REVIEW OF THE APPLICABILITY OF THE SOUTHWELL PLOT TO THE INTERPRETATION OF TEST DATA OBTAINED FROM STABILITY STUDIES	AFOSR67-1441
APPLICABLE	
COMMENTS ON TECHNIQUES APPLICABLE TO DETERMINATIONS OF SPATIAL DISTRIBUTION OF INTENSITY AND CHROMATICITY A NONLINEAR COMPUTER MODEL APPLICABLE TO LOW-BETA PLASMA INTERCHANGE MODES IN TWO DIMENSIONS	ARL 68-0241 AFOSR68-0079
APPLICATION	
APPLICATION OF DOPPLER RADAR TO STORM DYNAMICS FINAL REPORT JAN 1967 APPLICATION OF GEOMETRICAL OPTICS TO THE DESIGN AND ANALYSIS OF MICROWAVE ANTENNAS APPLICATION OF ELECTROMAGNETIC THEORY TO RADIATING AND NON-RADIATING TRANSMISSION LINES FINAL REPORT MAY 1966 APPLICATION OF GENERALIZED FUNCTION THEORY TO NETWORK REALIZABILITY THEORY AND TIME DOMAIN SYNTHESIS OF POSITIVE-REAL APPLICATION OF MULTILAYER ANALYZERS TO 15-150 A FLUORESCENCE SPECTROSCOPY FOR CHEMICAL AND VALENCE BAND ANALYSIS APPLICATION OF INFORMATION THEORY TO THE NERVOUS SYSTEM FINAL REPORT APRIL 1967 APPLICATION OF GAME THEORY TO THE SENSITIVITY DESIGN OF OPTIMAL SYSTEMS APPLICATION OF QUASILINEARIZATION TO THE SOLUTION OF NONLINEAR DIFFERENTIAL EQUATIONS APPLICATION OF THE SMOOTH-SURFACE INTERPOLATION TO THE FINITE-ELEMENT ANALYSIS APPLICATION OF AUTOMATIC LITERATURE ANALYSIS TECHNIQUES TO PSYCHIATRIC INTERVIEWS APPLICATION OF A TEMPERATURE-OSCILLATION METHOD TO THERMOMAGNETIC STUDIES OF MAGNETIC PHENOMENA AT LOW TEMPERATURES APPLICATION OF THE METHOD OF PARAMETRIC DIFFERENTIATION TO RADIATION GASDYNAMICS APPLICATION OF LINEAR GRAPH THEORY TO PRINTED CIRCUITS APPLICATION OF THE KERNEL FUNCTION FOR THE COMPUTATION OF FLOWS OF COMPRESSIBLE FLUIDS APPLICATION OF BLUNT TRAILING EDGE BLADINGS TO SUPERSONIC COMPRESSOR STAGES FINAL REPORT MAY 1967 APPLICATION OF THE SEQUENTIAL LIGHT AMPLIFIER TO ASTRONOMY AND RELATED PROBLEMS FINAL REPORT AUG 1967 APPLICATION OF THE DIFFERENTIAL INTERFEROMETER TO ARC-HEATED PLASMAS APPLICATION OF HIGH-SPEED HOLOGRAPHIC PHOTOMICROSCOPY APPLICATION OF THE BLUNT TRAILING EDGE BLADE CONCEPT TO LOW HUB TIP RATIO TRANSONIC SUPERSONIC COMPRESSORS FINAL APPLICATION OF GAS CHROMATOGRAPHY TO METAL ANALYSES AN APPLICATION OF CORRELATION RADIOLOGY TO THE STUDY OF PLASMA RADIATION	AFOSR67-0100 AFOSR67-0501 AFOSR68-0262 AFOSR68-0389 AFOSR67-0035 AFOSR67-0922 AFOSR67-1517 AFOSR67-1865 AFOSR67-1899 AFOSR67-2019 AFOSR68-1914 AFOSR68-1862 AFOSR68-2129 AFOSR68-2590 ARL 67-0120 ARL 67-0165 ARL 67-1278 ARL 67-1345 ARL 68-0110 ARL 68-1008 AFOSR68-0158

AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO THE STRESS ANALYSIS OF A CLAMPED RECTANGULAR PLATE
 AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO EIGENVALUE PROBLEMS
 AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO MID DUCT FLOW
 AN APPLICATION OF STRAIN-GRADIENT THEORY TO NONHOMOGENEOUS MATERIALS
 THE APPLICATION OF A POSITIVE IMPEDANCE INVERTER TO THE DESIGN OF INTEGRATED SELECTIVE FILTERS
 THE APPLICATION OF IMPLUSION WAVE DYNAMICS TO A HYPERVELOCITY LAUNCHER. FINAL REPORT DEC 1967
 THE APPLICATION OF THE METHOD OF STEEPEST DESCENT TO A PURSUIT EVASION PROBLEM
 STUDY OF APPLICATION OF ANTENNA OPTIMIZATION TECHNIQUES FINAL REPORT NOV 1967
 THEORY AND APPLICATION OF MOTION AROUND EQUILIBRIUM POSITIONS
 THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED PARAMETER SYSTEMS - I
 THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED PARAMETER SYSTEMS - II
 DEVELOPMENT AND APPLICATION OF METHODS FOR ANALYSIS OF RESEARCH MATERIALS FINAL REPORT JAN 1967
 FROM RESEARCH TO APPLICATION A FOLLOW-UP EFFECTIVENESS STUDY OF GRANT AF-APSR 197-63 COMPUTER ANALYSIS AND SYNTHESIS
 INTERPRETATION AND APPLICATION OF TRANSIENT AND IMPULSE RESPONSE APPROXIMATIONS IN ELECTROMAGNETIC SCATTERING PROBLEMS
 THE PHYSICAL TENSOR AND APPLICATION FINAL REPORT FEB 1967
 THE PHYSICAL TENSOR AND APPLICATION
 MODULARITY IN DESIGN THE APPLICATION OF SHIFT REGISTERS IN SECONDARY STATE ASSIGNMENT
 PLASMA RESPONSE TO THE SUDDEN APPLICATION OF AN ELECTRIC FIELD
 ATOMIC PROCESSES WITH SPECIAL APPLICATION TO GASEOUS NEBULAE
 TEST-PARTICLE PROPAGATOR AND ITS APPLICATION TO THE DECAY OF PLASMA WAVE PCHOES
 A GENERAL MATCHING THEORY AND ITS APPLICATION TO TUNNEL DIODE AMPLIFIERS
 HIGH SPEED CASCADE TESTING AND ITS APPLICATION TO AXIAL FLOW SUPERSONIC COMPRESSORS
 RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO AEROSPACE PROBLEMS
 RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO AEROSPACE PROBLEMS
 A NEW MODEL FOR IMPULSIVE PHENOMENA APPLICATION ATMOSPHERIC-NOISE COMMUNICATION CHANNELS
 MICROSCOPIC PARTICLE SEPARATION AND APPLICATION
 STABILITY INDICATIVE FUNCTION AND ITS APPLICATION TO SYSTEMS WITH TIME DELAY
 KINETIC EQUATION FOR A PLASMA AND ITS APPLICATION TO HIGH-FREQUENCY CONDUCTIVITY
 STABILITY OF TURBULENT CHANNEL FLOW WITH APPLICATION TO MALKUS'S THEORY
 COMPUTABLE SEMANTIC DERIVATIONS AND THEIR APPLICATION TO NATURAL LANGUAGE TEXTS/
 SOME DISTRIBUTION-FREE STATISTICS AND THEIR APPLICATION TO THE SLECTION PROBLEM
 COLLECTIVE NUCLEAR BRACATING MODE MODEL WITH APPLICATION TO SUMME MONOPOLE STATE
 MAGNETICALLY INDUCED PLASMA STREAMING AND ITS APPLICATION TO AEROSPACE TECHNOLOGY
 SOME TECHNIQUES FOR ALGORITHM OPTIMIZATION WITH APPLICATION TO MATRIX ARITHMETIC EXPRESSIONS
 AN EXTENSION OF THE INITIAL VALUE THEOREM AND ITS APPLICATION TO RANDOM SIGNAL ANALYSIS
 NMR RELAXATION MEASUREMENTS USING WAVEFORM BURSTS APPLICATION TO COO
 TORSIONAL COORDINATES IN VIBRATIONAL ANHARMONICITY APPLICATION TO ETHYLENE
 ARRAYS OF UNEQUAL AND UNEQUALLY SPACED DIPOLES WITH APPLICATION TO THE LOG-PERIODIC ANTENNA
 DISPERSION EFFECTS IN A HIGH GAIN 3.19U HE-NE LASER APPLICATION TO THE LASER METEOROLGY MEASUREMENT OF PLASMA DENSITY
 AN APPROACH TO THE BOUND-STATE THREE-BODY PROBLEM WITH APPLICATION TO THE HELIUM-LIKE ATOM
 EIGENFUNCTIONS OF THE 1. INITI FOURIER TRANSFORM AND THEIR APPLICATION TO ANTENNA PATTERN SYNTHESIS
 RESULTS ON LOCATION AND SCALE PARAMETER ESTIMATION WITH APPLICATION TO THE EXTREME-VALUE DISTRIBUTION
 A PATTERN RECOGNITION MODEL FOR ON-LINE CURVE FITTING AN APPLICATION OF THRESHOLD THEORY
 RELATIVISTIC SPINOR FORMULATION OF STOKES PARAMETERS WITH APPLICATION TO THE INVERSE COMPTON EFFECT
 LEAST-SQUARES ADJUSTMENT OF ANHARMONIC POTENTIAL CONSTANTS APPLICATION TO CARBON DIOXIDE CONTAINING ISOTOPES 12 AND 13
 INSTRUMENT FOR FUNCTIONAL READOUT OF CHROMOCOLLOMETRIC DATA APPLICATION TO CADMIUM ADSORPTION FROM IODIDE MEDIUM
 QUANTUM HARD-SPHERE GAS IN THE LIMIT OF HIGH DENSITIES WITH APPLICATION TO SOLIDIFIED LIGHT GASES
 RESULTS ON STATISTICAL ESTIMATION AND HYPOTHESIS TESTING WITH APPLICATION TO THE WEIBULL AND EXTREME-VALUE
 STRENGTH RESPONSE PARAMETERS OF NATURAL SOIL SURFACES AND THEIR APPLICATION TO THE LANDING PROBLEM OF AIRCRAFT
 MOMENT METHOD APPROXIMATION FOR THE VISCOSITY OF SIMPLE LIQUIDS APPLICATION TO THE LANDING PROBLEM OF AIRCRAFT
 ANALYSIS OF THE PHASE FUNCTION IN SINGLE SIDEBAND SIGNAL AND ITS APPLICATION TO SPEECH
 SOME OF THE LATEST DISCOVERIES IN II-VI LASERS AND THEIR POTENTIAL APPLICATION IN SUCH AREAS AS LOW INTENSITY RADAR
 RELATIVISTIC TRANSFORMATION LAWS FOR THERMODYNAMICAL VARIABLES WITH APPLICATION TO THE CLASSICAL ELECTRON THEORY
 DISCONTINUITY RELATIONS AND SHOCK POLARS FOR CONSERVATION EQUATIONS WITH APPLICATION TO MAGNETOGASDYNAMICS
 MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION IN A FIXED DOMAIN AND AN APPLICATION TO A PROBLEM OF
 SOME COMMENTS ON EXISTENCE AND UNIQUENESS THEOREMS IN APPLIED MATHEMATICS WITH AN APPLICATION TO THEM
 OPTICAL ANISOTROPY OF CHAIN MOLECULES THEORY OF DEPOLARIZATION OF SCATTERED LIGHT WITH APPLICATION TO N-ALKANES
 A LINEAR OF THEORY AND ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL VARIABLES WITH AN APPLICATION TO THE FEYNMAN

APPLICATIONS

APPLICATIONS OF THE SOLID AND LIQUID STATE CONCEPTS FOR MACROMERITIC SYSTEMS FINAL REPORT JUNE 1967
 APPLICATIONS ON NON-UNIFORM ELECTRIC FIELDS PART I - ELECTROPHORETIC EVALUATION OF ADSORPTION
 APPLICATIONS FOR THE MOSSBAUER EFFECT IN CHEMISTRY
 APPLICATIONS OF GRAPH THEORY FINAL REPORT MARCH 1968
 APPLICATIONS OF A METHOD FOR ON-LINE ESTIMATION AND CONTROL
 THE APPLICATIONS OF GENERALIZED FUNCTIONS FINAL REPORT DEC 1967
 SOME APPLICATIONS OF REPRODUCING KERNEL HILBERT SPACES
 SOME APPLICATIONS OF INTELEMETRY
 SOME APPLICATIONS OF THE PEAK GAIN CRITERION
 FURTHER APPLICATIONS OF THE CHEMILUMINESCENT METHOD FOR THE MEASUREMENT OF ATMOSPHERIC OZONE FINAL REPORT JAN 1967
 ARL RESEARCH APPLICATIONS TO VISTOL AIRCRAFT
 MOLECULAR BIOLOGY APPLICATIONS OF MASS SPECTROMETRY FINAL REPORT DEC 1967
 COMMENTS ON FURTHER APPLICATIONS OF THE THEORY OF PARTICLE COARSENING
 RATIOS OF MEANS AND APPLICATIONS
 CERTAIN SEMICONDUCTOR APPLICATIONS OF THE SCANNING ELECTRON MICROSCOPE
 COMPLEX VARIABLES AND APPLICATIONS
 A THEOREM ON RANK WITH APPLICATIONS TO MAPPINGS ON SYMMETRY CLASSES OF TENSORS
 A BIOGRAPHY OF LASER APPLICATIONS
 LARGE VOLUME PULSED FIELD COILS APPLICATIONS TO SYNCHRONOUS PULSE OPERATION FROM 250 TO 500 KILOGAUSS
 INEQUALITIES OF POINCARÉ TYPE AND APPLICATIONS TO SINGULAR ELLIPTIC DIFFERENTIAL OPERATORS
 MODERN COMPUTER SYSTEMS AND THEIR APPLICATIONS TO A RESEARCH LABORATORY
 AN IDEALIZED PROBLEM WITH F2-LAYER APPLICATIONS
 AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
 AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
 AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS II APPLICATIONS
 MICROSCOPIC PARTICLE SEPARATION AND APPLICATIONS FINAL REPORT FEB 1968
 THE POISSON TRANSFORM PROPERTIES AND APPLICATIONS
 AN IDENTITY FOR ELLIPTIC EQUATIONS WITH APPLICATIONS
 ENSEMBLE DEPENDENT OF FLUCTUATIONS WITH APPLICATIONS TO MACHINE COMPUTATIONS
 INFORMATION TO IN COMPLEX SYSTEMS WITH APPLICATIONS TO REGULATION
 MODERN OPTICS DESIGN TO FLOW VISUALIZATION APPLICATIONS
 RESEARCH IN OPTIC THEORY AND AEROSPACE APPLICATIONS FINAL REPORT APRIL 1968
 ON SOME SELF- AND RANKING PROCEDURES WITH APPLICATIONS TO MULTIVARIATE POPULATIONS
 GENERALIZED IMPEDANCE BOUNDARY CONDITIONS WITH APPLICATIONS TO SURFACE WAVE STRUCTURES
 LINEAR SEQUENTIAL CIRCUITS ANALYSIS SYNTHESIS AND APPLICATIONS
 PARTIAL DIFFERENTIAL EQUATIONS OPERATOR THEORY AND APPLICATIONS
 RESISTANCE CHANGES IN LIPID BILAYERS IMMUNOLOGICAL APPLICATIONS
 NORMALIZED CUMULATIVE BLACKBODY FUNCTIONS, AND THEIR APPLICATIONS IN THERMAL RADIATION CALCULATIONS
 AEROSPACE RESEARCH IN ARC TECHNOLOGY AND ITS INDUSTRIAL APPLICATIONS
 ON A MEAN VALUE THEOREM FOR VECTOR-VALUED FUNCTIONS WITH APPLICATIONS TO UNIQUENESS THEOREMS FOR RIGHT-HAND-
 COMPREHENSIVE FORMALISM FOR NUCLEAR-REACTION PROBLEMS II APPLICATIONS - GIANT RESONANCES AND DOORWAY STATES
 FIBER REINFORCED Ni-Cr ALLOYS FOR HIGH TEMPERATURE-HIGH STRENGTH APPLICATIONS FINAL REPORT JAN 1967
 ANTENNA SYSTEM OPTIMIZATION BY TRANSCONFERENCE FUNCTION MAXIMIZATION APPLICATIONS
 THE TWO USES OF MINICOMPACT GROUP IN PARTICLE PHYSICS AND THEIR PHYSICAL APPLICATIONS
 PROGRAM AND PROBLEMS IN RESEARCH IN ARC TECHNOLOGY WITH RESPECT TO AEROSPACE APPLICATIONS

AFOSR67-1580
 AFOSR68-0193
 AFOSR68-0598
 AFOSR68-2224
 AFOSR68-0089
 ARL 67-0220
 SRL 68-0017
 AFCL67-0632
 AFOSR67-0376
 AFOSR68-0533
 AFOSR68-0544
 ARL 67-0002
 AFOSR67-1819
 AFCL67-0690
 AFOSR67-1181
 AFOSR68-1681
 AFOSR68-1350
 AFOSR68-2399
 ARL 68-0157
 AFOSR68-2853
 AFOSR67-0333
 ARL 68-1018
 ARL 68-1313
 ARL 68-1324
 AFOSR67-0783
 ARL 68-1400
 AFOSR67-1200
 AFOSR67-1888
 AFOSR67-2063
 AFOSR68-0796
 AFOSR68-2783
 AFOSR67-0028
 ARL 68-1319
 AFOSR68-2641
 AFOSR68-1832
 ARL 68-0301
 AFOSR67-2041
 AFCL67-0036
 ARL 68-0135
 AFCL67-0165
 AFCL67-0342
 ARL 67-0023
 AFOSR68-0037
 AFOSR67-1046
 AFOSR68-0207
 AFOSR67-0750
 AFOSR67-1667
 ARL 68-0688
 AFCL67-0583
 AFOSR68-2814
 AFOSR67-0862
 ARL 67-1313
 AFOSR67-0192
 AFOSR67-2436
 AFOSR68-1957
 AFOSR68-1574
 AFOSR68-0240
 AFOSR68-2626

AFCL67-0414
 AFOSR67-1871
 AFOSR68-0208
 AFOSR68-0588
 AFOSR68-2047
 AFOSR67-2816
 AFOSR68-1973
 AFOSR68-2713
 ARL 68-1297
 AFCL67-0029
 ARL 68-1401
 AFOSR68-0529
 AFOSR68-2226
 ARL 67-0226
 AFOSR67-0490
 ARL 68-1276
 AFOSR67-2476
 AFCL67-0223
 AFOSR67-2374
 AFOSR68-1278
 ARL 68-1078
 AFCL67-0174
 AFOSR67-0046
 AFOSR67-0431
 AFOSR67-1202
 ARL 68-0024
 AFOSR68-2044
 AFOSR68-2783
 AFOSR67-1775
 AFOSR68-0727
 ARL 67-1225
 AFOSR68-1030
 ARL 67-1304
 AFCL67-0519
 AFOSR68-0036
 AFOSR68-1579
 AFOSR68-2120
 ARL 68-0255
 ARL 68-1325
 AFOSR67-0775
 AFOSR68-0895
 AFCL 67-0049
 AFCL67-0168
 AFOSR67-1351
 ARL 68-1322

APPLICATIONS - CONTINUED

MULTI-MODE WAVE COUPLING IN INHOMOGENEOUS ANISOTROPIC MEDIA - WITH SOME MAGNETOHYDRAULIC APPLICATIONS
 PHOTOGRAPHIC RECORDING WITH ENHANCED CONTRAST USING THE STORAGE IMAGE AMPLIFIER, AND APPLICATIONS IN RESEARCH FINAL
 AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS II APPLICATIONS
 SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART I-THEORETICAL BACKGROUND AND APPLICATIONS

AFCL66-0067
 ARL 66-0100
 AFOSR67-1202
 AFCL67-0362

APPLIED

CURRENT ALGEBRAS APPLIED TO MESON STATES
 THEORY OF QUEUES APPLIED TO TIME-SHARPO COMPUTER SYSTEMS
 AMPLITUDE LIMITING APPLIED TO A SENSITIVE CORRELATION DETECTOR
 PATTERN RECOGNITION APPLIED TO COUGH CATEGORIZATION
 PARAMETRIC PHENOMENA AS APPLIED TO VIBRATION ISOLATORS AND MECHANICAL AMPLIFIERS
 THE LAX-VEENHOFF METHOD APPLIED TO AXIAL SYMMETRIC SWIRL FLOW
 MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1963 VOLUME VIII FINAL REPORT AUG 1966
 MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1962 VOLUME VII FINAL REPORT AUG 1966
 MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1961 VOLUME VI FINAL REPORT AUG 1966
 PHOTOELASTIC COATING TECHNOLOGY APPLIED TO CONTACT PROBLEMS
 LONG CYLINDRICAL SHELL UNDER LOADS APPLIED TO A REINFORCING RING
 ESTIMATES OF SPECTRAL ENERGY DENSITY APPLIED TO VERTICAL PROFILES OF THE HORIZONTAL WIND IN THE LOWER IONOSPHERE
 LEARNING THROUGH PATTERN RECOGNITION APPLIED TO A CLASS OF GAMES
 THE BIHARMONIC BOUNDARY VALUE PROBLEM AS APPLIED TO A MEMBRANE HAVING AN IRREGULAR SHAPE FINAL REPORT AUG 1967
 OXYGEN ACTIVITY GRADIENTS IN METAL OXIDES UNDER APPLIED ELECTRIC POTENTIALS AND THEIR INFLUENCE ON TRANSPERANCE NUMBER
 SOME COMMENTS ON EXISTENCE AND UNIQUENESS THEOREMS IN APPLIED MATHEMATICS WITH AN APPLICATION TO THIN
 SPECTRAL EMISSIONITY CALCULATIONS BY THE STATISTICAL MODEL APPLIED TO THE 4.3 MICRONS BANDS OF CARBON DIOXIDE AT HIGH
 APPROACH TO THE N-BODY PROBLEM WITH HARD SPHERE INTERACTION APPLIED TO THE COLLISION DOMAINS OF THREE BODIES
 DIRECT MEASUREMENT OF THE DEPLETION LAYER WIDTH VARIATION VS APPLIED BIAS FOR A P-N JUNCTION
 A KEYWORD AND AUTHOR INDEX FOR THE MASTERS THESES IN THE PURE AND APPLIED SCIENCES ACCEPTED BY U S COLLEGES AND
 MATHEMATICAL ASPECTS OF COMPUTER SCIENCE PROCEEDINGS OF SYMPOSIA IN APPLIED MATHEMATICS MATHEMATICAL ASPECTS OF
 STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING WIRES FINAL

AFOSR67-0677
 AFOSR67-0736
 AFOSR68-0964
 AFOSR67-2137
 AFOSR67-2088
 ARL 67-1270
 AFOSR67-0302
 AFOSR67-0363
 AFOSR67-0364
 ARL 67-1224
 AFOSR67-2083
 AFCL67-0084
 AFOSR68-0814
 AFOSR67-1766
 ARL 66-1185
 AFOSR68-1674
 AFOSR67-2612
 AFOSR67-0047
 AFOSR67-0344
 AFOSR67-0421
 AFOSR68-1019
 AFCL67-0276

APPROACH

APPROACH TO THE THREE-BODY SCATTERING PROBLEM
 APPROACH TO THE N-BODY PROBLEM WITH HARD SPHERE INTERACTION APPLIED TO THE COLLISION DOMAINS OF THREE BODIES
 APPROACH TO MAGNETIC SATURATION IN SINGLE CRYSTAL TALLUM AT 42 SUPER O K AND 140 KG
 APPROACH TO CURRENTS AND THE DERIVATION OF CURRENT ALGEBRA
 APPROACH TO EQUAL-TIME COMMUTATORS IN QUANTUM FIELD THEORY
 AN APPROACH TO THE SOUND-STATE THREE-BODY PROBLEM WITH APPLICATION TO THE HELIUM-LIKE ATOM
 AN APPROACH TO HEURISTIC PROBLEM SOLVING AND THEOREM PROVING IN THE PROPOSITIONAL CALCULUS
 AN APPROACH TO RADIATION SOURCE DESIGN FOR MILITARY APPLICATIONS UTILIZING THE WALL-STABILIZED ARC AS AN EXAMPLE FINAL
 AN APPROACH TO CARBOXY-STIELTJES INTEGRATION
 THE APPROACH TO THE BLAST WAVE IN UNSTEADY HYPERSONIC FLOW
 A NEW APPROACH TO MANY-ELECTRON THEORY AT INTERMEDIATE DENSITIES
 A NEW APPROACH TO LOCALIZED DIAGNOSTICS
 A NEW APPROACH TO STOCHASTIC CONTROL
 A NEW APPROACH TO LINEAR PURSUIT-EVASION PROBLEMS
 A MATRIX APPROACH TO THE THEORY OF BIOTOPOLOGICAL MAPPING
 BAYESIAN APPROACH TO THE OPTIMIZATION OF ADAPTIVE SYSTEMS
 DYNAMICAL APPROACH TO CURRENT ALGEBRA
 VARIATIONAL APPROACH TO BOUNDARY-VALUE PROBLEMS IN KINETIC THEORY
 A DISHONEST APPROACH TO CERTAIN STOCHASTIC EIGENVALUE PROBLEMS
 VARIATIONAL APPROACH TO RAREFIED FLOWS IN CYLINDRICAL AND SPHERICAL GEOMETRY
 EQUILIBRIUM APPROACH TO SECOND SOUND IN SOLIDS
 PERTURBATIVE APPROACH TO SUPERCONVERGENCE RELATIONS AND CURRENT ALGEBRA
 SEMI-ANALYTIC APPROACH TO ROOT LOCUS
 A HOMOLOGICAL APPROACH TO PARAMETRIC FEYNMAN INTEGRALS
 A FINITE STATE APPROACH TO THE SYNTHESIS OF BIOENGINEERING CONTROL SYSTEMS
 A PROBABILISTIC APPROACH TO THE PARAMETER SENSITIVITY PROBLEM
 GROUP-THEORETIC APPROACH TO THE RELATIVISTIC THEORY OF SCATTERING
 A DISTRIBUTIONAL APPROACH TO TIME-VARYING SENSITIVITY
 A CHARACTERISTICS APPROACH TO RADIATION GASDYNAMICS
 FUNCTIONAL ANALYSIS APPROACH TO THE STABILITY OF NONLINEAR SYSTEMS
 RANDOM-PHASE K-MATRIX APPROACH TO ABSORPTION IN PERIPHERAL INTERACTIONS
 OPTIMAL MATCHING A NEW APPROACH TO THE MATCHING PROBLEM FOR REAL LINEAR TIME-INVARIANT ONE-PORT NETWORKS
 TWO-PION DECAYS OF KAONS IN A NOVEL APPROACH TO NONLEPTONIC WEAK PROCESSES
 THE ISENTROPIC COMPRESSION TUBE A NEW APPROACH TO GENERATING HYPERVELOCITY TEST FLOWS WITH LOW DISSOCIATION
 UPPER AND LOWER BOUNDS AND THE GENERALIZED VARIATION-PERTURB APPROACH OF MANY-ELECTRON THEORY
 COMPUTATION OF AXIAL-SYMMETRIC TRANSMIC SWIRL FLOWS BY THE UNSTEADY FLOW APPROACH
 ALGEBRA AUTOMATA I PARALLEL PROGRAMMING AS A PROLEGOMENA TO THE CATEGORICAL APPROACH
 INTERACTION IN MULTIDIMENSIONAL CONTINGENCY TABLES AN INFORMATION THEORETIC APPROACH

AFCL67-0673
 AFOSR67-0067
 AFOSR67-2747
 AFOSR67-2766
 AFOSR68-1168
 AFCL67-0145
 AFOSR68-0689
 ARL 67-0179
 ARL 68-0350
 ARL 67-1066
 AFOSR67-2471
 AFOSR68-1404
 AFOSR68-2021
 AFOSR68-2109
 AFOSR67-0806
 AFOSR68-0361
 AFOSR67-1455
 AFOSR67-0138
 AFOSR67-1692
 AFOSR67-1913
 AFOSR68-1112
 AFOSR68-2215
 AFOSR67-0463
 AFOSR67-1639
 AFOSR67-0481
 AFOSR68-0327
 AFOSR68-1263
 AFOSR68-0510
 AFOSR68-0616
 RADCL 67-0030
 AFOSR67-0574
 AFOSR68-2462
 AFOSR67-0126
 ARL 67-0133
 AFOSR68-2571
 ARL 68-0070
 AFOSR68-0453
 AFOSR68-2793

APPROACHES

ATTITUDES AND APPROACHES TO RESEARCH

ARL 67-1110

APPROXIMANTS

PADE APPROXIMANTS AND ROUNDS ON THE BETHE-SALPETER AMPLITUDE
 CONVERGENCE OF PADE APPROXIMANTS FOR THE BETHE-SALPETER AMPLITUDE
 ON THE CONVERGENCE OF APPROXIMANTS TO A MARKOV CHAIN II
 ON THE CONVERGENCE OF APPROXIMANTS TO A MARKOV CHAIN I

AFOSR67-0548
 AFOSR67-2145
 AFOSR68-2206
 AFOSR68-2477

APPROXIMATE

APPROXIMATE FORMULAS FOR PHOTOELECTRIC COUNTING DISTRIBUTIONS
 APPROXIMATE EIGENSYSTEMS OF LARGE COVARIANCE MATRICES
 APPROXIMATE FORCE CONSTANTS FOR TETRAHEDRAL METAL CARBONYLS AND NITROSYLS
 APPROXIMATE CALCULATION OF HIGHLY UNDEREXPANDED JETS
 APPROXIMATE ANALYTICAL SOLUTION FOR SATELLITE ORBITS SUBJECTED TO SMALL THRUST OR DRAG
 APPROXIMATE SU-3 AND ITS NONRELATIVISTIC LIMIT
 APPROXIMATE ANALYSIS OF LINEARIZED INVISCID RELAXING GAS FLOW
 APPROXIMATE NATURAL ORBITALS FOR CARBON SUPER IS
 APPROXIMATE ROUGH SLIP VECTOR DIRECTION DETERMINATION FOR IBERIAN NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE FROM
 APPROXIMATE LEAD-NO TREATMENT OF CONJUGATED POLYMERS
 APPROXIMATE SOLUTION ALGORITHMS FOR NONLINEAR FILTER PROBLEMS
 APPROXIMATE SOLUTIONS TO LANGMUIR'S EQUATIONS
 APPROXIMATE ANALYTIC SOLUTIONS FOR NONSIMILAR BOUNDARY LAYERS
 APPROXIMATE SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER
 AN APPROXIMATE SOLUTION OF THE BOUNDARY LAYER EQUATIONS USING THE METHOD OF PARAMETRIC DIFFERENTIATION
 AN APPROXIMATE MORSE-SARD THEOREM
 AN APPROXIMATE SOLUTION OF THE RISES BOUNDARY LAYER EQUATION
 THE APPROXIMATE SOLUTION OF RICCATI'S EQUATION
 THE APPROXIMATE SOLUTION OF $y' = f(x, y)$
 THE APPROXIMATE SOLUTION OF CERTAIN NONLINEAR DIFFERENTIAL EQUATIONS
 CONSEQUENCES OF AN APPROXIMATE CY INVARIANCE OF THE PHYSICAL HADRONS

AFCL67-0523
 AFCL68-0302
 AFOSR67-0233
 AFOSR67-0999
 AFOSR67-2288
 AFOSR67-2317
 AFOSR68-0548
 AFOSR68-1129
 AFOSR68-1434
 AFOSR68-1904
 AFOSR68-2026
 AFOSR68-2251
 ARL 67-0131
 ARL 68-0063
 AFOSR67-1512
 AFOSR68-1481
 ARL 67-0052
 AFOSR67-0297
 AFOSR68-1254
 AFOSR68-2752
 AFOSR67-0271

APPROXIMATION

APPROXIMATION FROM A CURVE OF FUNCTIONS
 APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE II
 APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE III
 APPROXIMATION BY BOUNDED ANALYTIC FUNCTIONS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE
 APPROXIMATION BY LINEAR POSITIVE OPERATORS
 APPROXIMATION BY LINEAR POSITIVE OPERATORS
 APPROXIMATION BY POSITIVE LINEAR OPERATORS
 APPROXIMATION BY POSITIVE LINEAR OPERATORS
 AN APPROXIMATION TO BOUNDED PHASE COORDINATE CONTROL PROBLEM FOR LINEAR DISCRETE SYSTEMS
 AN APPROXIMATION TECHNIQUE TO DETERMINE INVERSE FILTERS WITH A MINIMUM NUMBER OF WEIGHTS
 AN APPROXIMATION TO A DEFINITE INTEGRAL
 AN APPROXIMATION TECHNIQUE FOR SINGULAR CONTROL PROBLEMS FINAL REPORT DEC 1967
 WKB APPROXIMATION IN THREE DIMENSIONS
 NEW APPROXIMATION FOR SCREENED EXCHANGE AND THE DIELECTRIC CONSTANT OF METALS
 NEW APPROXIMATION FOR THE CALCULATION OF NEUTRON SCATTERING FROM A SIMPLE LIQUID
 MEAN APPROXIMATION ON AN INTERVAL FOR AN EXPONENT LESS THAN ONE
 BEST APPROXIMATION BY RATIONAL FUNCTIONS AND BY MEROMORPHIC FUNCTIONS WITH SOME FREE POLES
 BEST APPROXIMATION ON SOME FINITE SETS
 OPTIMAL APPROXIMATION
 MONOTONE APPROXIMATION
 DEGREE OF APPROXIMATION BY RATIONAL FUNCTIONS AND POLYNOMIALS
 SUCCESSIVE APPROXIMATION OF SOLUTIONS OF HOLODENKYS BASIC INTEGRAL EQUATION
 POLYNOMIAL APPROXIMATION OF FUNCTIONS ANALYTIC IN A DISK
 MEAN-SQUARE APPROXIMATION BY GENERALIZED RATIONAL FUNCTIONS
 SIMULTANEOUS APPROXIMATION IN GAIN AND PHASE OF TWO-PORTS USING LATTICE OF PARALLELED RESONATORS
 HARTREE-FOCK APPROXIMATION TO THE HEISENBERG ANTIFERROMAGNET
 DIFFERENTIAL APPROXIMATION FOR RADIATIVE TRANSFER IN A NONGREY GAS NEAR EQUILIBRIUM
 SIMULTANEOUS APPROXIMATION OF A FUNCTION AND ITS DERIVATIVES
 THE RESONANCE APPROXIMATION IN SUPERCONVERGENCE RELATIONS
 MOMENT METHOD APPROXIMATION FOR THE VISCOSITY OF SIMPLE LIQUIDS APPLICATION TO ARGON
 MODIFIED BORN APPROXIMATION AND ELASTIC SCATTERING BY WEAK CENTRAL POTENTIALS
 THE DEGREE OF APPROXIMATION BY LINEAR POSITIVE OPERATORS
 THE THIN LAYER APPROXIMATION IN HYPERSONIC VISCOUS FLOW THEORY FINAL REPORT MARCH 1968
 STUDY OF EXCHANGE APPROXIMATION IN OPW BAND CALCULATIONS FOR ZINC-BLENDE II-VI COMPOUNDS
 METRIC ENTROPY AND APPROXIMATION
 A QUASI-AXISYMMETRIC APPROXIMATION FOR TURBULENT THREE- DIMENSIONAL JETS AND WAKES
 VALIDITY OF THE RYTOV APPROXIMATION IN OPTICAL PROPAGATION CALCULATIONS
 THE USE OF STOCHASTIC APPROXIMATION TO SOLVE THE SYSTEM IDENTIFICATION PROBLEM
 ON TWO BOUNDARY LAYER APPROXIMATION METHODS
 ON TWO BOUNDARY LAYER APPROXIMATION METHODS
 AN IMPROVED DIFFERENTIAL APPROXIMATION FOR RADIATIVE TRANSFER WITH SPHERICAL SYMMETRY
 THE DISTORTED WAVE T-MATRIX APPROXIMATION FOR THE ν P ZP/ REACTION
 UNSTABLE PLASMA IN THE RING APPROXIMATION
 QUASILINEARIZATION DIFFERENCE APPROXIMATION AND NONLINEAR BOUNDARY VALUE PROBLEMS
 ANTISYMMETRIZED DISTORTED-WAVE APPROXIMATION FOR NUCLEON- NUCLEUS SCATTERING
 THE CHERYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL
 THE CHERYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL
 THE CHERYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL
 HOW GOOD IS THE DIRECT-INTERACTION APPROXIMATION IN TURBULENCE
 NON-IDEAL KGD FLOWS IN BOUNDARY LAYER APPROXIMATION
 ON REFLEXIVE SPACES HAVING THE METRIC APPROXIMATION PROPERTY
 A NOTE ON THE OPERATORS ARISING IN SPLINE APPROXIMATION
 ON THE THEORY OF UNSTABLE PLASMAS IN THE RING APPROXIMATION I
 A HILLCLIMBING TECHNIQUE USING PIECEWISE CUBIC APPROXIMATION
 SELF-DIFFUSION IN SIMPLE LIQUIDS THE LINEAR TRAJECTORY APPROXIMATION
 INVESTIGATION OF THE RHO BOOTSTRAP AND THE DETERMINANTAL APPROXIMATION
 THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS OF BEST APPROXIMATION III
 DISJOINTNESS IN ERGODIC THEORY MINIMAL SETS AND A PROBLEM IN ORDMANINE APPROXIMATION
 CORRECTION TO THE ENERGY OF A CRYSTAL IN THE /ALTERNATE MOLECULAR ORBITAL/ APPROXIMATION
 VELOCITY DEPENDENT DBEP AND NUCLEON-NUCLEON SCATTERING PHASE SHIFT IN THE BORN APPROXIMATION
 PREFERRED OPTICAL ALPHA POTENTIALS FOR D₁ ALPHA REACTION CALCULATIONS BY THE DISTORTED-WAVE BORN APPROXIMATION

AFOSR68-0328
 AFOSR68-0377
 AFOSR68-0378
 AFOSR68-2899
 ARL 68-1241
 ARL 68-1242
 ARL 68-1247
 ARL 68-1248
 AFOSR67-1457
 AFOSR67-1965
 ARL 68-0284
 SRL 68-0903
 AFOSR67-2034
 AFOSR67-2425
 AFOSR68-0781
 AFOSR68-0784
 AFOSR68-0378
 ARL 68-0104
 AFOSR67-2553
 ARL 68-0352
 AFOSR68-1031
 AFOSR67-0806
 AFOSR67-0861
 AFOSR67-0784
 AFOSR67-0562
 AFOSR67-1207
 AFOSR68-1309
 ARL 67-1185
 AFOSR67-1642
 AFOSR68-2214
 AFOSR68-2560
 ARL 68-1256
 AFOSR68-0742
 ARL 68-1486
 AFOSR67-0652
 AFOSR68-0981
 AFOSR67-0484
 AFOSR68-2276
 ARL 68-1252
 ARL 68-1473
 AFOSR68-2840
 AFOSR67-0605
 AFOSR68-1814
 AFOSR68-2417
 AFOSR67-1600
 ARL 67-1264
 ARL 68-1243
 ARL 68-1244
 ARL 68-1273
 AFOSR67-0992
 AFOSR68-0246
 AFOSR68-2015
 AFOSR68-1093
 AFOSR67-1282
 AFOSR67-2772
 AFOSR68-2913
 AFOSR68-1066
 AFOSR67-0787
 AFOSR67-1970
 AFOSR68-2859
 ARL 68-1485

APPROXIMATIONS

COMPUTER APPROXIMATIONS
 EXCHANGE APPROXIMATIONS IN ENERGY BAND CALCULATIONS
 TRANSONIC APPROXIMATIONS FOR REACTING MIXTURES
 ASYMPTOTIC APPROXIMATIONS FOR STELLAR PULSATIONS
 RELIABILITY APPROXIMATIONS FOR COMPLEX STRUCTURES
 HIGHER ORDER APPROXIMATIONS IN THE THEORY OF LONGITUDINAL PLASMA OSCILLATIONS
 SELF-CONSISTENT APPROXIMATIONS FOR THE DESO₁ RESPONSE OF MAGNETIC IONS IN METALS
 MODELS ANALYSIS AND APPROXIMATIONS FOR SYSTEM RELIABILITY AND AVAILABILITY
 ON THE ACCURACY OF CERTAIN APPROXIMATIONS FOR THE CHAPMAN FUNCTION
 RECURSION FORMULAS FOR POLYNOMIALS IN RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS
 STUDIES OF NITRIC OXIDE CHEMILUMINESCENCE USING BOUNDARY LAYER APPROXIMATIONS FINAL REPORT APR 1968
 INTERPRETATION AND APPLICATION OF TRANSIENT AND IMPULSE RESPONSE APPROXIMATIONS IN ELECTROMAGNETIC SCATTERING PROBLEMS
 SELF-CONSISTENT OPW CALCULATION OF GASES USING BOTH SLATERS AND KORN-SHAW APPROXIMATIONS FOR THE EXCHANGE POTENTIAL

AFOSR68-1160
 ARL 68-1428
 AFOSR67-0470
 AFOSR68-2055
 AFOSR67-1918
 AFOSR68-1065
 AFOSR68-0273
 AFOSR67-1438
 AFOSR67-0466
 ARL 67-1135
 AFOSR68-0743
 AFOSR67-0690
 AFOSR68-2864

AQUEOUS

RADICOLYSIS OF NEUTRAL AQUEOUS SOLUTIONS OF CYSTEINE IN THE PRESENCE OF OXYGEN
 THE MUTAROTATION OF GLUCOSE IN FROZEN AQUEOUS SOLUTIONS
 IONIC HEATS OF TRANSPORT IN INFINITE DILUTE AQUEOUS SOLUTIONS
 INTRAMOLECULAR HYDROGEN BONDING OF AZO DYES IN AQUEOUS SOLUTION
 NUCLEAR MAGNETIC RESONANCE STUDY OF BORATE--POLYBORATE EQUILIBRIA IN AQUEOUS SOLUTION
 KINETICS OF REACTIONS IN FROZEN SOLUTIONS DEMONSTRATION OF A REACTION IN FROZEN AQUEOUS SOLUTIONS
 THE HYDRATION NUMBER AND RATE OF WATER EXCHANGE OF THE TRIMETHYLPLATINUM /IV/ ION IN AQUEOUS SOLUTION DETERMINED BY

AFOSR68-2519
 AFOSR67-0091
 ARL 67-1001
 AFOSR68-1321
 AFOSR67-1701
 AFOSR67-0090
 AFOSR68-2864

AQUO

STRUCTURE OF DIMETHYLGLO/III/ COMPOUNDS SPECTROSCOPIC STUDIES ON THE AQUO ION AND SEVERAL COORDINATION COMPOUNDS

AFOSR67-0481

AQUOPENTAAMINECOBAL

THE SOLVENT ISOTOPE EFFECT ON THE DISSOCIATION OF THE AQUOPENTAAMINECOBAL /III/ ION

AFOSR68-2875

ARBITRARY

GAIN OPTIMIZATION FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM FLUCTUATIONS
 DEGREE OF COHERENCE OF AN ARBITRARY ORDER
 LAMINAR PARALLEL PLATE FLOW WITH ARBITRARY THERMAL CONDITIONS FINAL REPORT JAN 1967
 FORCED SOUND PROPAGATION IN GASES OF ARBITRARY DENSITY
 MINIMIZATION OF BOOLEAN FUNCTIONS CONTAINING ARBITRARY PARAMETERS
 TRANSMISSION THROUGH AN ANISOTROPIC PLASMA SLAB AT ARBITRARY ANGLES OF INCIDENCE
 OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM ERRORS
 DE-COUPLED MONOPULSE EXCITATIONS FOR MAXIMUM GAIN WITH ARBITRARY SIDELobe CONSTRAINTS

AFOSR67-0449
 AFOSR67-0210
 ARL 67-0003
 AFOSR67-0706
 AFOSR67-1891
 AFOSR67-0824
 AFOSR67-0310
 AFOSR67-0332

RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH FINAL REPORT FEB 1968 APOSR68-2886
 A THEORY FOR THE SLIP-FLow BOUNDARY CONDITIONS OVER A SURFACE DEFINED BY ARBITRARY GAS-SURFACE INTERACTION PARAMETERS APOSR67-1911
 PRINCIPAL SUBMATRICES V SOME RESULTS CONCERNING PRINCIPAL SUBMATRICES OF ARBITRARY MATRICES APOSR68-2846
 A METHOD FOR FITTING LINEARLY SEGMENTED MULTI-LAYER ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER BOUNDARY APOSR67-0100
 THEORETICAL STUDY OF THE RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH FINAL REPORT FEB APOSR68-0886

ARC-IMAGE

STUDIES OF MOLYBDAENUM IN THE ARC-IMAGE FURNACE APOSR67-0566

ARCAS

BALLUTE DEVELOPMENT FOR LOKI-DART AND ARCAS ROCKETSONDES FINAL REPORT NOV 1968 AFCL68-0628

ARCH

A STUDY OF THE SEISMICITY OF THE CINCINNATI ARCH FINAL REPORT JULY 1967 APOSR67-2062
 THE INFLUENCE OF DAMPING ON THE SHAPPING OF A SHALLOW ARCH UNDER A STEADY PRESSURE LOAD APOSR68-1089

ARCHES

THERMAL BUCKLING OF SHALLOW BIMETALLIC TWO-HINGED ARCHES APOSR68-1989
 DYNAMIC SNAP-THROUGH OF IMPERFECT VISCOELASTIC SHALLOW ARCHES APOSR67-0886
 NON-EXISTENCE OF SNAP-THROUGH FOR CLAMPED SHALLOW ELASTIC ARCHES SUBJECTED TO IMPULSIVE LOADING APOSR68-0770

ARCHIVES

THE RAYLEIGH ARCHIVES DEDICATION AFCL67-0266

ARCS

ARCS IN MAGNETIC FIELDS ARL 68-1312
 ELECTRIC ARCS IN TURBULENT FLOWS, III ARL 68-0067
 ELECTRIC ARCS IN TRANSVERSE MAGNETIC FIELDS FINAL REPORT NOVEMBER 1968 ARL 68-0211
 ELECTRIC ARCS IN TRANSVERSE MAGNETIC FIELDS ARL 68-1002
 HIGH PRESSURE ARGON ARCS ARL 68-1023
 THE MOTION OF ELECTRIC ARCS IN MAGNETIC FIELDS ARL 68-1824
 OSCILLATIONS OF ELECTRIC ARCS IN ARGON CROSS-FLOW ARL 67-0865
 INTERACTIONS OF FREE-BURNING ARCS WITH TRANSVERSE GAS FLOWS AND MAGNETIC FIELDS ARL 67-0087
 DIAGNOSTICS ON STEADY-STATE CROSS-FLOW ARCS, I. LOW CURRENT, FINAL REPORT MAY 1968 ARL 68-0109
 DIAGNOSTICS ON STEADY-STATE CROSS-FLOW ARCS ARL 68-1194
 A STUDY OF INTERACTIONS BETWEEN ELECTRIC ARCS AND GAS FLOWS, FINAL REPORT APRIL 1967 ARL 68-0049
 SPECTROSCOPIC MEASUREMENTS IN FLUCTUATING ARCS ARL 67-0109
 ON ARC PUMPING AND THE MOTION OF ELECTRIC ARCS IN A TRANSVERSE MAGNETIC FIELD ARL 67-0129
 FLOW AND HEAT TRANSFER PHENOMENA OF PLASMA ARCS MAGNETICALLY BALANCED IN A CROSS FLOW ARL 67-1335
 DIAGNOSTIC TECHNIQUES FOR ATMOSPHERIC PRESSURE ARCS ARL 67-1072
 RETROGRADE CATHODE SPOT BEHAVIOR IN LOW DENSITY ARCS, FINAL REPORT SEP 1967 ARL 67-0194
 RETROGRADE CATHODE SPOT BEHAVIOR IN LOW DENSITY ARCS ARL 67-1076
 INVESTIGATION OF ELECTRODE EROSION IN HIGH CURRENT ELECTRIC ARCS ARL 68-0112
 ENERGY TRANSPORT BY RADIATION WITH ABSORPTION IN CYLINDRICAL ARCS ARL 68-0384
 MAGNETICALLY INDUCED PLASMA STREAMING AND MOTION OF ELECTRIC ARCS ARL 68-1326
 MAGNETICALLY INDUCED PLASMA STREAMING AND THE MOTION OF ELECTRIC ARCS ARL 68-1310
 METHODS FOR DETERMINATION OF TRANSPORT COEFFICIENTS FROM HIGH POWER ARCS FINAL REPORT OCT 1967 ARL 67-0219
 DETERMINATION OF CROSS SECTIONS FROM MEASUREMENTS ON CYLINDRICAL CASCADE ARCS ARL 67-0863
 ELECTRIC ARC ATTACHMENT, HEAT TRANSFER, AND ELECTRODE EROSION OF HIGH CURRENT ARCS DRIVEN MAGNETICALLY OVER METAL ARL 68-1022
 THEORETICAL AND EXPERIMENTAL STUDIES AT HIGH MASS FLOW RATES IN HIGH PRESSURE CONSTRICTED ARCS ARL 68-1490

ARCTIC

EXPERIMENTAL STUDIES OF THE ARCTIC D-REGION FINAL REPORT JAN 1967 AFCL67-0282
 VARIATIONS IN SPECTRA OF P WAVES RECORDED AT CANADIAN ARCTIC SEISMOGRAPH STATIONS APOSR67-0144

AREA

AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME I - MIDCOURSE AND TERMINAL BALLISTIC ORA 67-0001
 AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME II - AREA DEFENSE SPACE-TIME STUDY FINAL ORA 67-0002
 AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME III - MULTILAYER FILTER MODEL FINAL REPORT ORA 67-0003
 AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IV - ANALYSIS OF THE SOVIET AND CPR ORA 67-0005
 AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME V ERROR ANALYSIS AND RELATED STUDIES FINAL ORA 67-0007
 AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME VIII-SUPPORTING STUDIES ON TECHNOLOGY AND AND ORA 67-0011
 AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IX - STRATEGY CONSIDERATIONS IN AREA ORA 68-0001
 AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME X SUMMARY AND HIGHLIGHTS FINAL REPORT FEB ORA 68-0002
 EICHLER INTEGRALS AND THE AREA THEOREM OF BERS APOSR68-2835
 TECHNOLOGICAL BARRIERS TO AREA ICBM OFFENSE VOLUME I FINAL REPORT AUG 1968 ORA 68-0010
 LOCAL WEIGHTS WHICH DETERMINE AREA AND THE ISING MODEL APOSR67-2806
 THE SEISMIC ACTIVITY IN THE CYPRUS AREA APOSR67-2767
 ONE CAN HEAR WHETHER A DRUM HAS FINITE AREA APOSR67-1602
 A STUDY OF SEISMICITY ON THE PENINSULA IBERICA AREA APOSR68-1443
 A STUDY OF SEISMICITY ON THE PENINSULA IBERICA AREA FINAL REPORT APRIL 1968 APOSR68-1447
 A PRELIMINARY MICROWAVE ATTENUATION CLIMATOLOGY FOR THE MONTREAL AREA BASED ON WEATHER RADAR DATA AFCL68-0105
 STUDIES ON THE NEUROVEGETATIVE AND BEHAVIORAL FUNCTIONS OF THE BRAIN SEPTAL AREA APOSR68-0415
 GEOCHRONOLOGY OF THE MIDCONTINENT REGION UNITED STATES PART 1 SCOPE METHODS AND PRINCIPLES PART 2 NORTHERN AREA PART 3 APOSR67-0314

AREAS

DESIGN OF A DIGITAL SIMULATION OF THE POLAR PLANIMETER FOR CALCULATING AREAS OF ECHOES FROM RADAR WEATHER OBSERVATIONS AFCL68-0341
 ELECTROHYDRODYNAMIC ENERGY CONVERSION PROCESSES, CHARACTERISTICS, AND RESEARCH AREAS ARL 68-1384
 SOME OF THE LATEST DISCOVERIES IN II-VI LASERS AND THEIR POTENTIAL APPLICATION IN SUCH AREAS AS LOW INTENSITY RADAR ARL 67-1313

ARECIBO

ARECIBO IONOSPHERIC OBSERVATORY FINAL REPORT JAN 1967 APOSR67-1114
 ARECIBO IONOSPHERIC OBSERVATORY APOSR67-2037
 ARECIBO EVALUATION PANEL FINAL REPORT OCT 1967 APOSR67-2173
 ARECIBO IONOSPHERIC OBSERVATORY APOSR67-2307

ARGON

ARGON ION LASERS APOSR68-1918
 ARGON ELECTRON TRANSITION TABLES ARL 67-0016
 HIGH PRESSURE ARGON ARCS ARL 68-1023
 A 2 ELECTRON VOLTS ARGON BEAM SCATTERING AT A SOLID SURFACE AND OBSERVATIONS OF RADIATION ACCOMPANYING THE BEAM APOSR68-2354
 ION CONVERSION IN AN ARGON AFTERGLOW APOSR68-2350
 AERODYNAMIC STUDY OF AN ARGON PLASMA APOSR67-0490
 CONTINUUM RADIATION IN AN ARGON POSITIVE COLUMN APOSR67-0478
 SCATTERING OF HELIUM NEON ARGON AND KRYPTON FROM THE 1111 PLANE ON NICKEL COMPARISON WITH SILVER 1111 & GOLD 1111 APOSR68-1941

ARGON

- CONTINUED

NOTION OF ELECTRONS IN LIQUID ARGON
RADIAL DRIFT VELOCITIES IN THE ARGON ION LASER
TEMPERATURE MEASUREMENTS IN AN ARGON PLASMA
ULTRAVIOLET ABSORPTION OF SOLID ARGON KRYPTON AND XENON
OSCILLATIONS OF ELECTRIC ARCS IN ARGON CROSS-FLOW
LORENTZ-LORENTZ FUNCTION FOR SOLID ARGON
ON THE VELOCITY OF SOUND IN SOLID ARGON
TIME OF FLIGHT MEASUREMENTS IN AN ARGON BEAM DEFLECTED BY A HEATED PLATINUM TARGET
ELECTRON DRIFT VELOCITIES IN LIQUEFIED ARGON AND KRYPTON AT LOW ELECTRIC FIELD STRENGTHS
HIGH-TEMPERATURE THERMAL CONDUCTIVITY OF ARGON
MEASUREMENT OF THE REFRACTIVE INDEX IN AN ARGON PLASMA AT 6328 DEGREES A AND 1.15U. FINAL REPORT DEC 1967
TEMPERATURE MEASUREMENTS FROM A HIGH POWER ARGON ARC
EXPERIMENTS ON SCATTERING OF MONO-ENERGETIC ARGON BEAMS BY HEATED PLATINUM
DRIFT VELOCITY AND ENERGY OF ELECTRONS IN LIQUID ARGON
INTERATOMIC POTENTIAL PARAMETERS OF SOLID NEON AND ARGON
RADIATION STUDIES OF ARC HEATED NITROGEN, OXYGEN, AND ARGON PLASMAS FINAL REPORT MAY 1968
STACKING-AUT ENERGY AND MANY-BODY FORCE EFFECTS IN SOLID ARGON
DIRECT ELECTRON EXCITATION CROSS SECTIONS PERTINENT TO THE ARGON ION LASER
EXPERIMENTAL STUDY OF THE SHAPE OF THE COEXISTENCE CURVE OF ARGON NEAR THE CRITICAL STATE
STRUCTURE OF LIQUIDS III AN X-RAY DIFFRACTION STUDY OF FLUID ARGON
ANHARMONIC CONTRIBUTION TO THE GRUNEISEN PARAMETERS OF SOLID ARGON KRYPTON AND XENON
AN EXPERIMENTAL INVESTIGATION OF THE TRANSPORT PROPERTIES OF ARGON IN A PULSED, HIGH CURRENT ARC
STRUCTURE OF LIQUIDS IV DIRECT CORRELATION FUNCTIONS OF LIQUID ARGON
ANALYSIS OF THERMODYNAMIC EXCESS PROPERTIES OF LIQUID MIXTURES OF ARGON AND KRYPTON
THE ABSORPTION AND EMISSION OF IMPURITY LINES FROM HOT COMPRESSED ARGON WITH A TRACE OF GRAPHITE POWDER
ELECTROSTATIC PROBE MEASUREMENTS IN FLOWING SODIUM POTASSIUM-SEEDER ARGON
AN EXPERIMENTAL DETERMINATION OF THE DYNAMIC VISCOSITY OF ATMOSPHERIC ARGON FROM 3800 TO 8500 DEGREES KELVIN
HEAT TRANSFER RATE MEASUREMENTS IN A LOW DENSITY HYPERVELOC STREAM OF ARGON
EXPERIMENTAL MEASUREMENT OF THE EMISSION AND ABSORPTION OF RADIATION BY AN ARGON PLASMA
COLLISION-INDUCED DISSOCIATION OF DEUTERIUM POSITIVE MOLECULAR ION/ IONS BY ARGON AND NITROGEN
MOMENT METHOD APPROXIMATION FOR THE VISCOSITY OF SIMPLE LIQUIDS APPLICATION TO ARGON
ISOTOPIC DIFFERENCES IN THE ZERO DEGREES K VOLUME AND SUBLIMATION ENERGIES OF SOLID NEON AND ARGON
THE SPLIT OF SOME OF THE EMISSION LINES OF IRON AND OTHER METALS FOR NI CA CU AND AL/ PRODUCED BY ARGON AND HELIUM

AFOSR67-2105
AFOSR67-2430
ARL 66-1187
AFOSR67-1309
ARL 67-0268
AFOSR67-1578
AFOSR68-0082
AFOSR68-0464
AFOSR67-0048
AFOSR68-2024
ARL 67-0218
ARL 67-0282
AFOSR68-0319
AFOSR67-1673
AFOSR67-1781
ARL 68-0182
AFOSR67-1628
AFOSR67-2617
AFOSR68-1568
AFOSR67-1101
AFOSR67-1681
ARL 68-1128
AFOSR67-1182
AFOSR68-1183
AFOSR68-2108
AFOSR68-2558
AFOSR68-1210
AFOSR68-2640
ARL 67-0187
AFOSR67-1378
AFOSR68-2214
AFOSR67-0489
AFOSR67-2286

ARGON-DEUTERIUM

ENERGETIC AND ANGULAR STUDIES OF ARGON-DEUTERIUM POSITIVE MOLECULAR ION AND NITROGEN-DEUTERIUM POSITIVE MOLECULAR

AFOSR67-1374

ARGON-HYDROGEN

USE OF A CONTINUOUS SOURCE OF EXCITATION AN ARGON-HYDROGEN- AIR FLAME AND AN EXTENDED FLAME CELL FOR ATOMIC ABSORPTION AFOSR67-1305

ARGON-ION

SELF-LOCKING OF MODES IN THE ARGON-ION LASER
TEMPERATURES LORENTZIAN WIDTHS AND DRIFT VELOCITIES IN THE ARGON-ION LASER

AFOSR67-1277
AFOSR67-0323

ARITHMETIC

ARITHMETIC CLASSIFICATION OF A NELSON CLASS OF SETS /FRENCH/
STUDIES IN PROBLEM SOLVING SUBJECT 3 ON THE CRYPT- ARITHMETIC TASK DONALD PLUS GERALD EQUALS ROBERT
SOME TECHNIQUES FOR ALGORITHM OPTIMIZATION WITH APPLICATION TO MATRIX ARITHMETIC EXPRESSIONS

AFOSR67-1123
AFOSR67-2169
AFOSR68-2641

ARL

THRUST AUGMENTATION FOR V-STOL ARLS RESEARCH AND CONCEPTS FINAL REPORT MARCH 1967

ARL 67-0065

AROMATIC

AROMATIC OXIDATION BY ELECTRON TRANSFER I OXIDATIONS OF SUBP-METHOXYTOLUENE
AROMATIC OXIDATION BY ELECTRON TRANSFER II OXIDATIONS OF AROMATIC ETHERS AND AMINES BY MANGANIC ACETATE
AROMATIC OXIDATION BY ELECTRON TRANSFER III OXIDATION OF 1- AND 2-METHOXY-NAPHTHALENE BY MANGANIC ACETATE
POLYFLUORINATED AROMATIC ESTERS PREPARATION AND CARBONYL STRETCHING FREQUENCIES
LUMINESCENCE AND PHOSPHORESCENCE OF AROMATIC HYDROCARBONS IN SOLID MATRICES
QUENCHING OF EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS BY CONJUGATED DIENES
HYDROGEN-ADDITION RADICALS FORMED IN THE AROMATIC RINGS OF AMINO ACIDS POLYAMINO ACIDS AND PROTEINS
ORIENTATION AND REACTIVITY IN FREE RADICAL AROMATIC SUBSTITUTION FINAL REPORT APRIL 1967
PRIMARY PHOTOCHEMICAL PROCESSES IN SOME SIMPLE AROMATIC MOLECULES
THE FORMATION OF CATIONS AND CATION RADICALS FROM AROMATIC SULFIDES AND SULFOXIDES
VIBRATIONAL EFFECTS IN RADIATIONLESS TRANSITIONS IN AROMATIC MOLECULES
A NEW METHOD FOR THE SYNTHESIS OF RADICAL CATIONS OF AROMATIC HYDROCARBONS
AROMATIC OXIDATION BY ELECTRON TRANSFER II OXIDATIONS OF AROMATIC ETHERS AND AMINES BY MANGANIC ACETATE
CONJUGATED DIENES AS QUENCHERS FOR EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS
ELECTRON SPIN RESONANCE STUDY OF MONO-AND DINERIC CATIONS OF AROMATIC HYDROCARBONS
LOW-LYING EXCITED TRIPLET STATES AND INTERSYSTEM CROSSING IN AROMATIC HYDROCARBONS

AFOSR67-0241
AFOSR67-0242
AFOSR67-0243
AFOSR67-1087
ARL 67-1173
AFOSR68-0835
AFOSR68-2240
AFOSR67-1089
AFOSR68-2011
AFOSR67-2382
AFOSR68-0868
AFOSR68-0396
AFOSR67-0242
AFOSR67-0109
AFOSR68-0390
ARL 67-1089

AROUSAL

DISPLACEMENT ACTIVITIES AND AROUSAL

AFOSR68-0608

ARRAY

ARRAY DESIGN BY MATRIX METHODS
ARRAY MEASUREMENTS OF P VELOCITIES IN THE UPPER MANTLE
SYNTHETIC ARRAY MAPPING AND TARGET DETECTION /U/
DESIGN OF AN ARRAY TO RECORD AIR SHOWERS OF ENERGY UP TO 10 TO THE 21ST EV
PORTABLE SEISMIC ARRAY SYSTEM
THE CORNEAL NIPPLE ARRAY
A MOBILE SEISMOGRAPH ARRAY
INFINITE PHASED DIPOLE ARRAY
THE INSECT CORNEAL NIPPLE ARRAY
THE RUCKLAND PARK ANTENNA ARRAY
INTEGRATED CDS SOLAR CELL ARRAY
THEORETICAL STUDY OF DIPOLE ARRAY OF N PARALLEL ELEMENTS
SITE SELECTION FOR A SEISMIC ARRAY STATION AND CRUSTAL STUDIES IN NORWAY 1965 FINAL REPORT FEB 1967
OPTIMIZATION OF THE DETECTABILITY OF ARRAY RECEIVING SYSTEMS
S-BAND TELEMETRY ANTENNA STUDIES NOSE-TIP ARRAY AND OTHER SYSTEMS
A COMPARISON BETWEEN A N-ELEMENTS CIRCULAR ARRAY AND AN ELECTRICALLY THICK TUBULAR DIPOLE ANTENNA WITH EQUIVALENT
OPTIMIZATION OF PERFORMANCE INDICES IN DISCRETE ARRAY SYSTEMS FINAL REPORT NOV 1967
S-BAND TELEMETRY ANTENNA STUDIES CAVITY-MOUNTED ARRAY
SPACE-TIME CROSS-CORRELATION FUNCTIONS FOR ANTENNA ARRAY ELEMENTS IN A NOISE FIELD
AN EXPLICIT RELATION BETWEEN MUTUAL COUPLING AND THE PATTERN OF AN ANTENNA ARRAY
AZIMUTH AND SLOWNESS ANOMALIES OF SEISMIC WAVES MEASURED ON THE CENTRAL CALIFORNIA SEISMOGRAPHIC ARRAY PART II

AFOSR68-0542
AFOSR68-1445
AFOSR67-0649
AFOSR68-2073
AFOSR68-0308
AFOSR68-0607
AFOSR67-0676
AFOSR67-0683
AFOSR67-0913
AFOSR68-2911
ARL 68-1416
AFOSR67-0404
AFOSR67-1370
AFOSR68-1180
AFOSR68-0339
AFOSR67-0258
AFOSR67-0850
AFOSR68-0820
AFOSR67-0464
AFOSR67-0485
AFOSR67-0588

ARRAYS

ARRAYS OF UNEQUAL AND UNEQUALLY SPACED DIPOLES WITH APPLICATION TO THE LOG-PERIODIC ANTENNA
 ANTENNA ARRAYS WITH PARTIALLY TAPERED AMPLITUDES
 REFLECTOR ARRAYS FINAL REPORT JULY 1967
 CIRCULAR ANTENNA ARRAYS HAVING TANGENTIAL DIPOLES AS ELEMENTS
 STUDY OF CIRCULAR ARRAYS OF RADIAL AND TANGENTIAL DIPOLES
 STUDY OF CIRCULAR ARRAYS OF RADIAL AND TANGENTIAL DIPOLES FINAL REPORT FEB 1968
 PROGRAMMABLE-LOGIC ARRAYS
 PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE
 PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE FINAL REPORT NOV 1967
 COMPUTER DESIGN OF UNEQUALLY SPACED ARRAYS
 ON THE SYNTHESIS OF TWO-DIMENSIONAL ARRAYS WITH DESIRABLE CORRELATION PROPERTIES
 GAIN OPTIMIZATION FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM FLUCTUATIONS
 ANALYSIS AND SYNTHESIS OF UNEQUALLY SPACED ARRAYS USING THE Z-TRANSFORM
 DESIGN AND DEVELOPMENT OF PARTIALLY UNIFORM ARRAYS FINAL REPORT FEB 1968
 DISPERSION RELATIONS OF PERIODIC AND LOG-PERIODIC DIPOLE ARRAYS WITH PARABOLIC ELEMENTS
 MAXIMIZATION OF DIRECTIVE GAIN FOR CIRCULAR AND ELLIPTICAL ARRAYS
 STRAIN ENERGY AND METASTABILITY OF 3-DIMENSIONAL DISLOCATION ARRAYS FINAL REPORT AUG 1968
 OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM ERRORS
 IMPLEMENTATION OF LIE GROUP TRANSFORMS OF SPATIAL DATA ON PARALLEL LOGIC ARRAYS
 THE EFFECT OF SCANNING ON THE IMPROVANCES OF FINITE BROADSIDE COLLINER AND RECTANGULAR ARRAYS
 ON THE USE OF EXPERIMENTAL AND COMPUTATIONAL TECHNIQUES IN ANALYZING THE PERFORMANCE OF SCANNED ARRAYS
 NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY-WAVE NUMBER SPECTRA OF SEISMIC EVENTS USING LINEAR ARRAYS

AFCL 67-0036
 AFCL 67-0088
 AFCL 67-0079
 AFCL 68-0271
 AFCL 67-0206
 AFCL 68-0187
 AFCL 68-0113
 AFCL 68-0008
 AFCL 67-0582
 AFOSR 68-1146
 AFCL 67-0589
 AFCL 67-0230
 AFCL 68-0110
 AFCL 67-0389
 AFCL 67-0408
 AFOSR 68-2882
 AFCL 67-0310
 AFCL 68-0443
 AFCL 68-0317
 AFCL 68-0297
 AFOSR 67-1201

ARSENIC

LOW-TEMPERATURE SPECIFIC HEAT OF ARSENIC
 SPOT TESTS FOR THE DETECTION OF BOUND ARSENIC AND ANTIMONY
 SPOT TESTS FOR THE DETECTION OF ELEMENTAL ARSENIC ANTIMONY AND TIN

AFOSR 67-2712
 ARL 67-0087
 ARL 67-0086

ARSENIDE

HIGH-PRESSURE METALLIC POLYMORPH OF CADMIUM ARSENIDE
 INTERBAND MAGNETO-OPTICAL ABSORPTION IN GALLIUM ARSENIDE
 LOCAL MODE ABSORPTION IN COMPENSATED SILICON-DOPED GALLIUM ARSENIDE
 LOCALIZED VIBRATIONAL MODE ABSORPTION OF PHOSPHORUS IN GALLIUM ARSENIDE
 ELECTROREFLECTANCE STUDY OF INTERBAND MAGNETO-OPTICAL TRANSITIONS IN INDIUM ARSENIDE AND INDIUM ANTIMONIDE AT 1.5

AFOSR 68-1306
 AFOSR 68-0801
 AFOSR 67-0479
 AFOSR 67-0636
 AFOSR 67-2361

ARSINE

LIGAND-FIELD TRANSITIONS IN TERTIARY PHOSPHINE AND ARSINE COMPLEXES OF RUTHENIUM /II/ AND OSMIUM /II/

AFOSR 68-0927

ARTERIES

TWO-DIMENSIONAL FINITE DEFORMATION EXPERIMENTS ON DOGS ARTERIES AND VEINS
 THE PRESSURE-FLOW RELATIONSHIP IN LONG-WAVE PROPAGATION IN LARGE ARTERIES

AFOSR 67-1980
 AFOSR 67-0590

ARTIFICIAL

ARTIFICIAL STIMULATION OF EARTHQUAKES
 ORBIT PERTURBATIONS OF ARTIFICIAL EARTH SATELLITES AS FUNCTIONS OF GRAVITY ANOMALIES AND DIFFERENTIAL CORRECTIONS OF
 ON MATHEMATICAL RESEARCH FOR ARTIFICIAL INTELLIGENCE
 INVESTIGATION OF PRECURSOR DECAY IN IRON BY THE ARTIFICIAL VISCOSITY METHOD

AFOSR 68-2806
 AFCL 68-0163
 AFOSR 68-1524
 AFOSR 68-1005

ARTLETHYL

THE SOLVOLYSIS OF ARTLETHYL P-TOLUENESULFONATES

AFOSR 68-1590

ARYL

THERMAL RACEMIZATION OF DIARYL ALKYL ARYL AND DIALKYL SULFOXIDES BY PYRAMIDAL INVERSION
 PHOTOCHEMICAL CYCLOUTANOL FORMATION OF AN ARYL KETONE THE SCOPE AND MECHANISM OF THE REACTION
 HALOMETHYL-METAL COMPOUNDS XIX FURTHER STUDIES OF THE ARYL /BROMODICHLOROMETHYL/ MERCURY-OLEFIN REACTION
 MECHANISMS OF SUBSTITUTION REACTIONS SULFINYL SULFUR SOLVOLYSIS OF ARYL SULFINYL SULFONES IN ACETIC ACID-WATER
 GROUND STATES OF CONJUGATED MOLECULES X IUP NMR CHEMICAL SHIFTS IN ARYL FLUORIDES
 THE OXIDATIVE CLEAVAGE OF ORGANOSILANES III OZONE AND THE SILICON-ALKYL -ARYL -HYDROGEN AND -OXYGEN BONDS

AFOSR 68-2490
 AFOSR 67-2827
 AFOSR 68-2805
 AFOSR 67-0074
 AFOSR 68-1988
 ARL 67-0079

ARYL--NITROGEN

CHEMICAL SHIFT NONEQUIVALENCE OF DIASSTEREOTOPIC PROTONS DUE TO RESTRICTED ROTATION AROUND ARYL--NITROGEN BONDS IN

AFOSR 67-2483

ARYLATION

PHOSPHONIC ACIDS AND ESTERS XIX SYNTHESIS OF SUBSTITUTED PHENYL-AND ARYLPHOSPHONATES BY THE PHOTOINITIATED ARYLATION

AFOSR 68-0736

ARYLPHOSPHONATES

PHOSPHONIC ACIDS AND ESTERS XIX SYNTHESIS OF SUBSTITUTED PHENYL-AND ARYLPHOSPHONATES BY THE PHOTOINITIATED ARYLATION

AFOSR 68-0736

ARYLSULFINIDE

SYNTHESIS AND CHARACTERISTICS OF ARYLSULFINIDE POLYMERS

AFML 67-0054

ASCENDING

ASCENDING MONAMINE NEURONS TO THE TELEENCEPHALON AND DIENCEPHALON
 THE IN-FLIGHT DEPLOYMENT OF HEAVY PAYLOAD TRAINS BENEATH ASCENDING HIGH-ALTITUDE BALLOONS

AFOSR 67-0869
 AFCL 67-0634

ASPARTIC

SEQUENCE PEPTIDE POLYMERS I POLYMERS BASED ON ASPARTIC ACID AND GLYCINE

AFOSR 67-1078

ASPARTYL-TRNA

DIFFERENT CODING PROPERTIES OF TWO ASPARTYL-TRNA SPECIES

AFOSR 67-2335

ASPECTS

SOME ASPECTS OF CYLINDRICAL SHILL PANEL FLUTTER
 SOME ASPECTS OF ENERGY DEGRADATION OF EXCITED MOLECULES
 SOME ASPECTS OF FLUID MECHANICS RESEARCH AT ARL
 SOME ASPECTS OF THE METHOD OF INTEGRAL RELATIONS
 SOME ASPECTS OF MODERN MATHEMATICS
 NOVEL ASPECTS OF ACTIVE NETWORK THEORY FINAL REPORT SEPT 1968
 MODERN ASPECTS OF RADIATION MAGNETOGASDYNAMICS
 GLOBAL ASPECTS OF V/SITL
 PHYSICAL ASPECTS AND PARAMETERS OF THE PHOTOGRAPHIC PROCESS AND THEIR IMPLICATIONS WITH RESPECT TO SENSITIVITY AND

AFOSR 68-0730
 AFOSR 68-2470
 ARL 67-1063
 ARL 67-1065
 ARL 67-1243
 AFAL 67-0185
 ARL 68-1025
 ARL 68-1398
 ARL 68-0290

ALGEBRAIC ASPECTS OF RESONANCE RECURRENCES
 COGNITIVE ASPECTS OF INFORMATION PROCESSING III SET FOR SPEED VERSUS ACCURACY
 ALGEBRAIC ASPECTS OF THE THEORY OF DYNAMICAL SYSTEMS
 NUMERICAL ASPECTS OF MATHEU EIGENVALUES
 BIOLOGICAL ASPECTS OF THE NERVE GROWTH FACTOR
 STATISTICAL ASPECTS OF SECOND AND THIRD LAW HEATS
 QUANTITATIVE ASPECTS ON THERMAL STABILITY OF ORGANIC COMPOUNDS FINAL REPORT NOV 1966
 MATHEMATICAL ASPECTS OF COMPUTER SCIENCE PROCEEDINGS OF SYMPOSIA IN APPLIED MATHEMATICS MATHEMATICAL ASPECTS OF
 MORPHOLOGICAL ASPECTS ON THE HYDROSTATIC FUNCTION OF THE GAS BLADDER OF CLUPEA HARENHOUS L
 SOME ADDITIONAL ASPECTS OF THE UNEQUAL ACTIVITY OF THE NORTHERN AND SOUTHERN SOLAR HEMISPHERES MICROWAVE RADIO BURSTS
 ULTRASTRUCTURAL ASPECTS OF THE INHIBITION OF NEUROSECRETION BY PUROMYCIN
 PRESENTATION OF ASPECTS OF CURRENT STATISTICAL RESEARCH
 SOME EXPERIMENTAL ASPECTS OF DIFFUSION IN METALS
 SOME FINITE STATE ASPECTS OF LEGGED LOCOMOTION
 SOME COMPUTATIONAL ASPECTS OF THE TENSOR PRODUCT OF LINEAR PROGRAMS
 SOCIAL AND CULTURAL ASPECTS OF DEVELOPMENT FINAL REPORT JULY 1968
 FUNCTIONAL ANALYTIC ASPECTS OF CONTROL THEORY
 SOME FUNCTION-THEORETIC ASPECTS OF LINEAR SECOND-ORDER DIFFERENTIAL EQUATIONS
 MONOAMINES AND SLEEP II-TECHNICAL ASPECTS AND INTEREST OF THE STUDY OF THE CENTRAL METABOLISM OF MONOAMINES DURING
 COMMUNICATION AND INFORMATION THEORY ASPECTS OF THE NERVOUS SYSTEM FINAL REPORT JULY 1967
 ABSTRACT BIOLOGICAL SYSTEMS AS SEQUENTIAL MACHINES III SOME ALGEBRAIC ASPECTS
 MATHEMATICAL ASPECTS OF COMPUTER SCIENCE PROCEEDINGS OF SYMPOSIA IN APPLIED MATHEMATICS MATHEMATICAL ASPECTS OF

AFOSR67-1319
 AFOSR67-1817
 AFOSR67-2368
 ARL 67-1033
 AFOSR68-278A
 AFOSR67-0886
 AFOSR67-0883
 AFOSR68-1019
 AFOSR67-2271
 AFCL67-0217
 AFOSR67-2097
 ARL 67-1019
 AFOSR67-1235
 AFOSR68-1764
 ARL 67-1272
 AFOSR68-1487
 ARL 68-1289
 AFOSR67-1470
 AFOSR67-2858
 AFOSR67-1832
 AFOSR67-0901
 AFOSR68-1019

ASSEMBLER

MTM4T ASSEMBLER FOR THE CDC 0-21

AFOSR67-0256

ASSEMBLY

THE PDNAP ASSEMBLY SYSTEM
 DEVELOPMENT FABRICATION ASSEMBLY AND TESTING OF BIAXIAL POINTING CONTROL AND ASSOCIATED TELEMETERING SYSTEMS FINAL

AFOSR67-2401
 AFCL67-0646

ASSESSMENT

AN ASSESSMENT OF THE INFLUENCE OF A METAL-METAL BOND ON THE MOLECULAR GEOMETRY OF AN ORGANOMETALLIC LIGAND-BRIDGED
 LDM ASSESSMENT OF DIFFERENTIAL EARLY STRESS IN RATS FINAL REPORT NOV 1967

AFOSR67-0740
 ARL 67-0086

ASSIGNMENT

ON POLE ASSIGNMENT IN MULTI-INPUT CONTROLLABLE LINEAR SYSTEMS
 EVIDENCE FOR O_2 β ASSIGNMENT OF HADRON LEVELS
 VIBRATIONAL SPECTRA AND ASSIGNMENT OF 1001 CM⁻¹ PENTA-FLUORIDE FERNI RESONANCE BETWEEN A FUNDAMENTAL AND A TERNARY
 SPECTROSCOPIC STUDIES OF RUTHENIUM II// COMPLEXES: ASSIGNMENT OF THE LUMINESCENCE
 MODULARITY IN DESIGN THE APPLICATION OF SHIFT REGISTERS IN SECONDARY STATE ASSIGNMENT

AFOSR68-1316
 AFOSR68-1226
 AFOSR68-0176
 AFOSR68-1876
 AFOSR68-1200

ASSIGNMENTS

MULTIPOLARITY ASSIGNMENTS IN IR SUPPER 193
 MULTIPOLARITY ASSIGNMENTS IN IR SUPPER 193
 ON EQUIVALENCE OF STATE ASSIGNMENTS
 AN EXPERIMENTAL TEST OF PROPOSED WATER-VAPOR LASER TRANSITION ASSIGNMENTS

ARL 68-1211
 ARL 68-1343
 AFOSR68-2401
 AFOSR68-2828

ASSOCIATED

PROTONS ASSOCIATED WITH CENTERS OF SOLAR ACTIVITY AND THEIR PROPAGATION IN INTERPLANETARY MAGNETIC FIELD REGIONS
 POLYNOMIALS ASSOCIATED WITH MEASURES IN THE COMPLEX PLANE
 NEURONAL PATTERNS ASSOCIATED WITH AFFECTIVE RESPONSES FINAL REPORT FEB 1967
 DOUBLE STOCHASTIC ASSOCIATED MATRICES
 NATURE OF VESICLES ASSOCIATED WITH THE NERVOUS SYSTEM OF CEPHALOPODS
 SOME DECISION PROBLEMS ASSOCIATED WITH WEIGHTED DIRECTED GRAPHS
 MATHEMATICAL PROPERTIES ASSOCIATED WITH COMBINATION LOCKS: FINAL REPORT MARCH 1968
 MAGNETIC-FIELD STRUCTURE ASSOCIATED WITH CORONAL STREAMERS
 PEARL-TYPE MICROFLUORESCENCES ASSOCIATED WITH MAGNETIC STORM SUDDEN COMMENCEMENTS
 CHANGES IN VAN ALLEN RADIATION ASSOCIATED WITH POLAR SUBSTORMS
 BEHAVIORAL AND PERSONALITY EXPECTATIONS ASSOCIATED WITH STATUS POSITIONS
 ENHANCED INTERPLANETARY SCINTILLATIONS ASSOCIATED WITH SOLAR FLARES
 A NONLINEAR INTEGRAL-DIFFERENTIAL EQUATION ASSOCIATED WITH A CLASS OF WEDGE PROBLEMS
 PERIODIC COVARIATION OF RADIOWAVE ABSORPTION EARTH CURRENTS AND OTHER ASSOCIATED PHENOMENA IN THE AURORAL ZONE
 ON THE EXTERIOR STATIONARY PROBLEM FOR THE NAVIER-STOKES EQUATIONS AND ASSOCIATED PERTURBATION PROBLEMS
 DEVELOPMENT FABRICATION ASSEMBLY AND TESTING OF BIAXIAL POINTING CONTROL AND ASSOCIATED TELEMETERING SYSTEMS FINAL

AFOSR68-0886
 AFOSR67-2787
 AFOSR67-1604
 AFOSR67-2814
 AFOSR68-0280
 AFOSR68-2016
 ARL 68-0060
 AFOSR68-2632
 AFCL67-0249
 AFOSR68-1084
 AFOSR67-1831
 AFOSR67-1179
 AFOSR68-1373
 AFCL67-0246
 AFOSR68-2828
 AFCL67-0646

ASSOCIATION

MNSOBRA ASSOCIATION AND SULPHATE CHELATION A SOLVENT NMR STUDY
 EFFECTS OF ASSOCIATION VALUE ON PERCEPTUAL SEARCH
 KINETICS OF ATOMIC ASSOCIATION REACTIONS USING FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE FINAL REPORT NOV 1968
 ON THE SINGULAR LAW RELATING ASSOCIATION VALUE /ALPHA/ AND SCALED MEANINGFULNESS /M PRIME/
 DIELECTRIC STUDY OF INTERMOLECULAR ASSOCIATION IN ISOMETRIC OCTYL ALCOHOLS
 EFFECT OF PRESSURE ON CONDUCTANCE IV IONIC ASSOCIATION AND WALDEN PLOT ACTS IN ETHANOL

AFOSR67-0729
 AFOSR67-1820
 AFOSR68-2756
 AFOSR68-0824
 AFOSR68-2267
 AFOSR68-0328

ASSOCIATIVE

ASSOCIATIVE ADJUSTMENTS TO REDUCE ERRORS IN DOCUMENT SCREENING FINAL REPORT MARCH 1967
 A LOCALLY-DISTRIBUTED ASSOCIATIVE MEMORY NETWORK
 PATTERN RECOGNITION BY USING AN ASSOCIATIVE MEMORY
 A NONBLANK ADDITION TECHNIQUE FOR ASSOCIATIVE PROCESSORS

AFOS 67-0980
 AFOSR68-0959
 AFOSR67-1131
 AFOSR67-1108

ASTACUS

LOCALIZATION OF MONOAMINERGIC NEURONS IN THE CENTRAL NERVOUS SYSTEM OF ASTACUS ASTACUS LINNE /CRUSTACEA/

AFOSR67-0105

ASTROGEODETTIC

ASTROGEODETTIC INSTRUMENTATION AND FIELD SERVICES ENGINEERING FINAL REPORT DEC 1966

AFCL67-0031

ASTRONOMY

RADIO ASTRONOMY RESEARCH FINAL REPORT MARCH 1968
 STANFORD RADIO ASTRONOMY INSTITUTE
 STUDIES IN RADIO ASTRONOMY FINAL REPORT MAR 1967
 APPLICATION OF THE SEQUENTIAL LIGHT AMPLIFIER TO ASTRONOMY AND RELATED PROBLEMS FINAL REPORT AUG 1967
 HIGH-GAIN UHF BACKPIRE ANTENNA FOR COMMUNICATIONS TELEMTRY AND RADIO ASTRONOMY

AFOSR68-0530
 AFOSR68-1122
 AFCL67-0242
 ARL 47-0165
 AFCL67-0568

ASTROPHYSICAL

ASTROPHYSICAL FLUID DYNAMICS FINAL REPORT FEB 1968

AFOSR68-1851

ASTROPHYSICAL - CONTINUED

PLASMA PHYSICS IN AN ASTROPHYSICAL ENVIRONMENT FINAL REPORT DEC 1966	APCRL67-0196
SMOKE TUBE RESEARCH - ASTROPHYSICAL QUANTITIES FINAL REPORT FEB 1968	APCRL68-0194
SYNCHROTRON RADIATION OF NEUTRINOS AND ITS ASTROPHYSICAL SIGNIFICANCE	AFOSR67-1147
ASTROPHYSICS	
RESEARCH IN ASTROPHYSICS FINAL REPORT OCT 1968	APCRL68-0584
THEORETICAL NUCLEAR ASTROPHYSICS FINAL REPORT OCT 1967	AFOSR67-2499
RELATIVITY THEORY AND ASTROPHYSICS 1 RELATIVITY AND COSMOLOGY FINAL REPORT NOV 1967	AFOSR67-2607
RELATIVITY THEORY AND ASTROPHYSICS 2 GALACTIC STRUCTURE FINAL REPORT NOV 1967	AFOSR67-2608
RELATIVITY THEORY AND ASTROPHYSICS 3 STELLAR STRUCTURE FINAL REPORT NOV 1967	AFOSR67-2609
THEORETICAL RESEARCH IN ASTROPHYSICS FINAL REPORT OCT 1967	AFOSR67-2610
PLASMA PHYSICS AND RELATED TOPICS IN ASTROPHYSICS	AFOSR68-1890
THE 1967 TEXAS SYMPOSIUM ON RELATIVISTIC ASTROPHYSICS	ARL 67-1332
ASYMMETRIC	
ANHARMONICITY IN THE SYMMETRIC AND ASYMMETRIC CH VIBRATIONS OF ETHYLENE	AFOSR67-2646
MOST FAVORABLE ORIENTATION FOR VIBRATIONAL TRANSITIONS IN ASYMMETRIC DIATOMIC MOLECULES	AFOSR68-1902
ASYMMETRICAL	
THE STRESS INTENSITY FACTORS FOR A GRIPFITH CRACK IN AN ELASTIC BODY IN WHICH THERE IS AN ASYMMETRICAL DISTRIBUTION OF NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES. PART II. ASYMMETRICAL SOURCES.	AFOSR68-062 ARL 67-0835
ASYMMETRIES	
SPACE AND TIME ASYMMETRIES IN PARTICLE PHYSICS	ARL 68-1016
SPACE AND TIME ASYMMETRIES IN PARTICLE PHYSICS	ARL 68-1199
ASYMMETRY	
SURFACE ASYMMETRY MECHANISM FOR FRACTIONAL ORDER PEAKS OBSERVED IN LEAD BEAMS FROM METALS	AFOSR67-7316
POLARIZATION AND ASYMMETRY IN THE REACTION OF UTHERON SCATTERING FROM HELIUM-THREE YIELDING A PROTON PLUS HELIUM-FOUR	AFOSR68-0358
ASYMPTOTIC	
ASYMPTOTIC SOLUTION OF INITIAL BOUNDARY-VALUE PROBLEMS FOR HYPERBOLIC SYSTEMS	APCRL68-0060
ASYMPTOTIC THEORY OF TRANSIENTS	AFOSR68-0262
ASYMPTOTIC NORMALITY OF LINEAR COMBINATIONS OF FUNCTIONS OF ORDER STATISTICS II	AFOSR68-1277
ASYMPTOTIC FORMULAS WITH REMAINDER ESTIMATES FOR EIGENVALUES OF ELLIPTIC OPERATORS	AFOSR68-1362
ASYMPTOTIC BEHAVIOR OF INTEGRALS CONNECTED WITH SPECTRAL FUNCTIONS OF HYPOELLIPTIC OPERATORS	AFOSR68-1907
ASYMPTOTIC APPROXIMATIONS FOR STELLAR PULSATIONS	AFOSR68-2055
ASYMPTOTIC BEHAVIOR OF VELOCITY PROFILES IN THE PRANDTL BOUNDARY LAYER THEORY	AFOSR68-2111
ASYMPTOTIC SOLUTIONS OF WAKES AND BOUNDARY LAYERS	AFOSR68-2882
ASYMPTOTIC VARIANCES AND COVARIANCES OF MAXIMUM-LIKELIHOOD ESTIMATORS FROM CENSORED SAMPLES OF THE PARAMETERS OF AN ASYMPTOTIC FIELD CALCULATION IN THE PENUMBRA REGION	ARL 67-0130
THE ASYMPTOTIC DISTRIBUTION OF EIGENVALUES AND EIGENFUNCTIONS FOR ELLIPTIC BOUNDARY VALUE PROBLEMS	APCRL67-0071
ON THE ASYMPTOTIC FORM OF THE STREAM FUNCTION FOR THE FLOW OF AN OSCILLATING FLUID PAST A PARABOLIC CYLINDER	AFOSR67-0173
UNIFORM ASYMPTOTIC THEORY OF CREEPING WAVES	APCRL67-0631
UNIFORM ASYMPTOTIC SOLUTIONS OF DISCONTINUOUS INITIAL VALUE PROBLEMS FOR DISPERSIVE HYPERBOLIC EQUATIONS	AFOSR67-1249
UNIFORM ASYMPTOTIC EXPANSIONS OF INTEGRALS WITH STATIONARY POINT NEAR ALGEBRAIC SINGULARITY	AFOSR67-1625
THE SET OF ASYMPTOTIC VALUES OF A BOUNDED HOLOMORPHIC FUNCTION	AFOSR68-2082
FUNCTIONAL EQUATIONS - ASYMPTOTIC EQUIVALENCE OF EQUATIONS OF EVOLUTION	AFOSR67-2326
STABILITY THEORY AND THE ASYMPTOTIC BEHAVIOR OF DYNAMICAL SYSTEMS	AFOSR67-1084
CONJECTURE CONCERNING AN ASYMPTOTIC MODIFICATION OF THE TVON-BORN-GREEN EQUATION FOR FLUIDS OF RIGID SPHERES AND DISKS	AFOSR68-0705
IS NEWTONIAN PHYSICS THE ASYMPTOTIC LIMIT OF GENERAL RELATIVITY	ARL 68-1005
PERTURBATION SOLUTIONS AND ASYMPTOTIC SOLUTIONS IN BOUNDARY LAYER THEORY	ARL 68-0043
ORBITS IN THE COHENHAGEN PROBLEM ASYMPTOTIC AT LSUB4 AND THEIR GENEALOGY	AFOSR67-1662
A CHARACTERIZATION OF THE SET OF ASYMPTOTIC VALUES OF A FUNCTION HOLOMORPHIC IN THE UNIT DISC	AFOSR68-2883
STATISTICAL MECHANICS OF FINITE SYSTEMS ASYMPTOTIC EXPANSIONS I TWO PETIT CANONICAL ENSEMBLES - $N \rightarrow \infty$ AND $N \rightarrow 0$	AFOSR67-1152
EXISTENCE OF ENTROPY AS A CONSEQUENCE OF ASYMPTOTIC STABILITY	AFOSR67-2194
GENERALIZATION OF THEOREMS OF CHERNOFF AND SAVAGE ON THE ASYMPTOTIC NORMALITY OF TEST STATISTICS	AFOSR68-1275
SUPPLEMENT TO 1955 INSTRUCTION MANUAL NO 10 COSMIC RAY TABLES ASYMPTOTIC DIRECTIONS VARIATIONAL COEFFICIENTS AND CUTOFF	APCRL68-0030
MAXIMUM-LIKELIHOOD ESTIMATION, FROM DOUBLY CENSORED SAMPLES, OF THE PARAMETERS OF THE FIRST ASYMPTOTIC DISTRIBUTION	ARL 68-0277
ASYMPTOTICALLY	
ASYMPTOTICALLY OPTIMAL TESTS FOR MULTINOMIAL DISTRIBUTIONS	AFOSR67-0681
ASYMPTOTICALLY OPTIMAL DISCRIMINANT FUNCTIONS FOR PATTERN RECOGNITION	AFOSR68-0301
ASYMPTOTICALLY LOCALLY MOST POWERFUL RANK ORDER TEST STATISTICS	ARL 68-1287
LINEAR ASYMPTOTICALLY AUTONOMOUS FUNCTIONAL DIFFERENTIAL EQUATIONS /ITALIAN/	AFOSR68-1763
SOME TOTAL INVARIANTS OF ASYMPTOTICALLY FLAT SPACE-TIMES	ARL 68-0172
ERROR BOUNDS FOR CONVOLUTIONAL CODES AND AN ASYMPTOTICALLY OPTIMUM DECODING ALGORITHM	AFOSR67-1927
INVARIANT CALCULATION OF SOME TOTAL PROPERTIES OF ASYMPTOTICALLY FLAT SPACE TIME	ARL 67-1100
ASYNCHRONOUS	
ASYNCHRONOUS FINITE STATE MODELS OF MANUAL CONTROL SYSTEMS	AFOSR68-0484
A NOTE ON ASYNCHRONOUS QUENCHING	APCRL67-0453
ATLANTIC	
VERTICAL CUTOFF RIGIDITIES IN THE SOUTH ATLANTIC	APCRL67-0082
CRUSTAL STUDY OF A CONTINENTAL STRIP FROM THE ATLANTIC OCEAN TO THE ROCKY MOUNTAINS	AFOSR67-0316
ATMOSPHERE	
UPPER ATMOSPHERE D-ATOM DENSITIES BY WIND TUNNEL SIMULATION OF NITRIC OXIDE RELEASES	APCRL67-0053
A MODEL ATMOSPHERE FOR A BA V STAR WITH LINE BLANKETING	AFOSR68-1704
MESOSCALE STRUCTURE OF THE ATMOSPHERE IN REGIONS OF CLEAR-AIR TURBULENCE VOLUME I	APCRL67-0115
OPTICAL INVESTIGATIONS OF THE ATMOSPHERE FINAL REPORT APR 1967	APCRL67-0191
DISPERSIVE WAVES IN THE UPPER ATMOSPHERE	AFOSR67-1626
METASTABLE HELIUM IN THE UPPER ATMOSPHERE	APCRL67-0670
STRUCTURE AND SPECTRA OF SOLAR ATMOSPHERE FINAL REPORT APR 1968	APCRL68-0295
THE EFFECTS OF AEROSOLS IN THE ATMOSPHERE ON THE PROPAGATION OF MICROWAVE SIGNALS	AFOSR67-0622
ABUNDANCE OF METALLIC ATOMS IN THE ATMOSPHERE	APCRL68-0121
NUMBER DENSITY DETERMINATION IN THE ATMOSPHERE OF OSUR2 HSUR20 AND COSURP GAS CONSTITUENTS BY USE OF A HIGH INTENSITY EXTENSION TABLES FOR THE U.S. STANDARD ATMOSPHERE 1962 WITH SPECIAL ATTENTION TO THE CALCULATION OF GEOPOTENTIAL	AFOSR67-1591
LOCAL THERMODYNAMIC EQUILIBRIUM MODEL ATMOSPHERE WITH LINE BLANKETING REVIEW AND FUTURE PROSPECTS	APCRL67-0335
INSTRUMENTATION AND TECHNIQUES FOR UPPER ATMOSPHERE MEASUREMENTS FINAL REPORT JUNE 1967	AFOSR67-0319
MULTIPLE SCATTERING OF LASER LIGHT IN THE ATMOSPHERE FINAL REPORT JULY 1968	APCRL67-0371
RADAR REFLECTIONS FROM INSECTS IN THE LOWER ATMOSPHERE	APCRL68-0367
RADIO REFLECTION BY FREE RADICALS IN EARTH'S ATMOSPHERE	AFOSR67-0823
CHEMICAL KINETICS OF ENTRY INTO THE MARTIAN ATMOSPHERE FINAL REPORT MAY 1967	AFOSR67-2748
ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR A MODEL ATMOSPHERE	ARL 67-0113
	APCRL68-0126

A NUMERICAL STUDY OF THE GENERAL CIRCULATION OF THE ATMOSPHERE
MAGNETIC FIELDS AND SMALL-SCALE STRUCTURE OF THE SOLAR ATMOSPHERE
PART I: RESEARCH ON THE HETEROGENEOUS STRUCTURE OF THE SOLAR ATMOSPHERE & PROGRESS REPORT 1964-6 PART II: LAMBDA-METER NO
THE ATMOSPHERIC AND LEAKAGE FLUX OF NEUTRONS PRODUCED IN THE ATMOSPHERE BY COSMIC RAY INTERACTIONS
PROCEEDINGS OF THE SEVENTH STANFORD SEMINAR ON THE MIDDLE ATMOSPHERE
CALCULATIONS OF REFLECTED AND TRANSMITTED RADIANCE FOR EARTH'S ATMOSPHERE
THEORETICAL STUDY OF THE PROPAGATION OF INFRASONIC WAVES IN THE ATMOSPHERE FINAL REPORT FEB 1967
A TECHNIQUE FOR SOLVING THE GENERAL REACTION-RATE EQUATIONS IN THE ATMOSPHERE
FLAME PROPAGATION OVER THE SURFACE OF A PLASTIC FUEL IN AN OXIDIZING ATMOSPHERE FINAL REPORT OCT 1967
EMPIRICAL DETERMINATION OF SCATTERED LIGHT TRANSPORT THROUGH THE LOWER ATMOSPHERE
COLLECTIVE DESCRIPTION OF RADIATION EMERGING FROM THE TOP OF A RAYLEIGH ATMOSPHERE
OBSERVATIONS ON THE RELEASE OF A CLOUD OF BARIUM ATOMS AND IONS IN THE UPPER ATMOSPHERE
AN INTERFERED WETTER RADAR SYSTEM FOR WIND AND DENSITY MEASUREMENTS IN THE UPPER ATMOSPHERE FINAL REPORT MAY 1967
RESEARCH DIRECTED TOWARD DETERMINATION OF RADIATIVE PROPERTIES AND COMPOSITION OF THE ATMOSPHERE FINAL REPORT APR 1967

AFCL68-0201
AFCL67-0216
AFCL67-0006
AFCL68-0173
AFCL68-0226
AFCL67-0569
AFCL67-0172
AFCL67-0221
AFOSR68-1163
AFCL68-0209
AFCL68-0090
AFCL67-0144
AFCL67-0347
AFCL67-0386

ATMOSPHERES

NEW MODEL ATMOSPHERES GIVING LATITUDINAL AND SEASONAL VARIATIONS IN THE THERMOSPHERE
EFFECT OF ATMOSPHERES ON THE MECHANICAL PROPERTIES OF CRYSTALS FINAL REPORT OCT 1965
WAVE MOTIVELY ATMOSPHERES FOR 1966
STATISTICAL-OUTLIER MODEL ATMOSPHERES FOR EARLY-TYPE STARS I HYDROGEN CONTINUA
THERMAL ESCAPE FROM PLANETARY ATMOSPHERES IN THE PRESENCE OF A GRAVITATIONAL FIELD
STATISTICAL-OUTLIER MODEL ATMOSPHERES FOR EARLY-TYPE STARS III HYDROGEN AND HELIUM CONTINUA
THE CALCULATION OF MODEL STELLAR ATMOSPHERES
TECHNIQUES OF CALCULATING IN STELLAR ATMOSPHERES
FINDINGS ON PLANETARY SURFACES AND ATMOSPHERES FROM A STUDY OF THE PHOTOGRAPHIC COLLECTIONS OF THE I A U PLANETARY
INTERACTION OF COHERENT LIGHT WITH PLASMA AND WITH TURBULENT ATMOSPHERES FINAL REPORT OCT 1967
RADIATIVE TRANSFER IN THE FLUX-WEIGHTED ILLUMINATION AND NON-GRAY STELLAR ATMOSPHERES
RESEARCH DIRECTED TOWARD THE STUDY OF INFRARED TRANSMISSION THROUGH VARIOUS ATMOSPHERES FINAL REPORT DEC 1966
COMPARISON OF ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR MODEL CLEAR AND HAZY ATMOSPHERES

AFCL67-0330
AFOSR68-2386
AFCL67-0120
AFOSR67-1962
AFOSR68-0837
AFOSR68-1064
AFOSR67-1988
AFOSR68-2316
AFCL67-0884
AFOSR67-2477
AFOSR67-1348
AFCL67-0007
AFCL68-0480

ATMOSPHERIC

ATMOSPHERIC ABSORPTION OF SOLAR RADIATION BY THE 9.6 MICRON OZONE BAND
ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR A MODEL ATMOSPHERE
ATMOSPHERIC INTERFERENCE FROM PLANETARY LINE DISTURBING FINAL REPORT APR 1968
ATMOSPHERIC TRANSMITTANCE STUDIES FINAL REPORT APR 1968
ATMOSPHERIC TIDAL WIND IN THE 60 TO 100 KILOMETER HEIGHT REGION
THE ATMOSPHERIC DENSITY AND DRAG ON LOW ALTITUDE SATELLITES REPORT 2
THE ATMOSPHERIC AND LEAKAGE FLUX OF NEUTRONS PRODUCED IN THE ATMOSPHERE BY COSMIC RAY INTERACTIONS
NEUTRAL ATMOSPHERIC TEMPERATURES FROM INCOHERENT SCATTER OBSERVATIONS
STANDARD ATMOSPHERIC SAMPLES 1968 FINAL REPORT JULY 1967
STUDY OF ATMOSPHERIC COMPOSITIONS AND STRUCTURE BY MEASUREMENT OF TRANSMISSION AND ABSORPTION OF MILLIMETER WAVES OF
SPECTRAL ATMOSPHERIC ENERGIES DURING JANUARY 1969 FINAL REPORT JULY 1968
CALCULATED ATMOSPHERIC DENSITY NUMERICAL INTEGRATION PROGRAM CAMDIP FINAL REPORT AUG 1967
THE SPARKS ATMOSPHERIC ELECTRICITY DETECTION SYSTEM AS MODIFIED BY THE ADDITION OF THE IMAGE STORAGE TUBE
RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION
RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION
COMPARISON OF ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR MODEL CLEAR AND HAZY ATMOSPHERES
HIGH ALTITUDE ATMOSPHERIC TRANSMITTANCE AS OBSERVED OVER NORTHERN CALIFORNIA
LIDAR-RADAR LOWER ATMOSPHERIC OBSERVATIONS FINAL REPORT DEC 1966
LIDAR-RADAR LOWER ATMOSPHERIC OBSERVATIONS FINAL REPORT NOV 1966
STUDY OF FAR INFRARED ATMOSPHERIC TRANSMISSION FINAL REPORT JUNE 1967
STUDY OF THE EFFECTS OF ATMOSPHERIC PARAMETERS ON INFRARED TRANSMISSION MEASUREMENTS AND THE EFFECTS ON NON-THERMAL OR
RELATION OF APPROXIMATIONS TO ATMOSPHERIC FEATURES FINAL REPORT SEPT 1968
STUDY OF POLARIZATION OF ATMOSPHERIC SCATTERED LIGHT USING MONTE CARLO METHODS
DIAGNOSTIC TECHNIQUES FOR ATMOSPHERIC PRESSURE AND PLASMA
ALTIMETER PROFILE OF THE INFRARED ATMOSPHERIC SYSTEM OF OXYGEN IN THE DAYGLOW
ATMOSPHERIC RESEARCH IN SUPPORT OF ATMOSPHERIC IONIZATION EFFECTS
STIMULATION OF OPTICAL EMISSIONS IN ATMOSPHERIC PLASMA FINAL REPORT DEC 1966
SEVEN SUBJECTS IN STELLAR AND UPPER ATMOSPHERIC PHYSICS FINAL REPORT NOV 1968
A COUNTER FOR THE MEASUREMENT OF THE ATMOSPHERIC AND EARTH LEAKAGE FLUX OF SECONDARY COSMIC RAY NEUTRONS
POLYMER AND COMPOUND ANTENNAS FOR THE ATMOSPHERIC COMPOSITION SATELLITE
A METHOD FOR FITTING LINEARLY SPHERICALLY SYMMETRIC ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER BOUNDARY
MEASUREMENTS OF TIDAL IMPACTOR PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED ENERGY FINAL REPORT
RESEARCH ON FLUID DYNAMICAL MODELS OF THE LARGE SCALE ATMOSPHERIC CIRCULATIONS FINAL REPORT APR 1967
RESEARCH ON RELATIONS BETWEEN (CONSTANT) SOLAR AND ATMOSPHERIC PROCESSES FINAL REPORT APR 1967
AN EXPERIMENTAL DETERMINATION OF THE DYNAMIC VISCOSITY OF ATMOSPHERIC ARGON FROM 3500 TO 8500 DEGREES KELVIN
RESEARCH DIRECTED TOWARD THE DESIGN AND FABRICATION OF A SOLAR ATMOSPHERIC DISPERSED EXPERIMENT FINAL REPORT MAR 1968
RESEARCH DIRECTED TOWARD THE STUDY OF CHEMICAL REACTIONS OF EXCITED ATMOSPHERIC SPECIES FINAL REPORT JUNE 1968
ATMOSPHERIC TRANSMITTANCE IN NEARBY CLOUDS REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED
FURTHER APPLICATION OF THE COMBUSTION-SCATTER METHOD FOR THE MEASUREMENT OF ATMOSPHERIC OZONE FINAL REPORT JAN 1967

AFCL67-0672
AFCL68-0124
AFCL68-0168
AFCL68-0278
AFCL68-0309
AFCL68-0668
AFCL68-0173
AFOSR68-1052
AFCL67-0444
AFCL67-0448
AFCL68-0426
AFCL67-04
AFCL67-0183
AFCL67-0207
AFCL68-0186
AFCL68-0480
AFCL68-0505
AFCL67-0013
AFCL68-0586
AFCL67-0350
AFCL68-0008
AFCL68-0360
AFCL68-0310
ARL 67-1072
ARL 67-1075
AFCL68-0800
AFCL68-0310
AFCL67-0058
AFCL68-0610
AFCL67-0493
AFCL67-0072
AFCL67-0198
AFCL68-0003
AFCL67-0146
AFCL67-0303
AFOSR68-1210
AFCL68-0177
AFCL68-0466
AFCL67-0042
AFCL67-0029

ATMOSPHERIC-NOISE

A NEW MODEL FOR IMPULSIVE PHENOMENA APPLICATION ATMOSPHERIC-NOISE COMMUNICATION CHANNELS

AFOSR67-0783

ATOM

ATOM PHOTOEMISSION FINAL REPORT JUNE 1967

AFOSR67-1200

THE ATOM CONNECTIVITY MATRIX

ARL 67-1116

MEASUREMENT OF THE FREE ATOM FRACTION IN 22 ELEMENTS IN AN ACETYLENE-AIR FLAME

AFOSR67-1038

THE INTERNAL INTERNATIONAL HOT ATOM CHEMISTRY SYMPOSIUM LAFAYETTE INDIANA 1-2 APR 66

AFOSR67-0338

ELECTRON IN AOR THEORY FOR METAL ATOM CLUSTERS

AFOSR67-0789

TRANSITION FOUR FACTORS IN THE H ATOM

AFOSR67-2803

TRANSITION PROBABILITIES OF THE HYDROGEN ATOM FROM NONCONTACT DYNAMICAL GROUPS

AFOSR67-2091

LEVEL SHIFTS DUE TO THE CONFINEMENT OF AN ATOM BY CONDUCTING WALLS

AFCL67-0297

THE RELATIVISTIC SHARE OF THE COVALENT BOND FORMING ATOM

AFOSR68-2757

CURRENT OBSERVATIONS AND AVERAGE EMISSION FROM THE HYDROGEN ATOM FROM DYNAMICAL GROUPS

AFOSR68-2134

CALCULATIONS OF THE MOLECULAR BONDING STATE OF THE LITHIUM ATOM USING WAVE FUNCTIONS OF HILLERAA-S-TYPE

AFOSR68-2570

SPECTRA OF THE FIRST EXCITED ATOMIC STATES OF BISMUTH AND ATOM

AFOSR68-2108

AN APPROACH TO THE BOUND-STATE THREE-BODY PROBLEM WITH APPLICATION TO THE HELIUM-LIKE ATOM

AFCL67-0165

THE DIFFERENTIATION BETWEEN UNIDENTIFIED AND IDENTIFIED LIGANDS WHICH DONATE THREE ELECTRONS TO A METAL ATOM

AFOSR67-0601

ATOM-ATOM

TEMPERATURE DEPENDENT OF ATOM-ATOM POTENTIAL IN MOLYBDENUM CRYSTAL

AFOSR68-0929

ATOM-CONNECTIVITY

THE ATOM-CONNECTIVITY MATRIX FACTOR AS A MATHEMATICAL ANALOG OF CHEMISTRY

ARL 67-1114

ATOM-IONIZATION

A STUDY OF THE CHEMILUMINESCENCE FROM EXCITED ATOM-HYDROGEN FLAMES

AFOSR67-1049

ATOM-MOLECULE

VELOCITY DEPENDENCE OF TOTAL CROSS SECTION FOR THERMAL ENERGY ATOM-MOLECULE SCATTERING

AFOSR67-2049

ATOMIC

ATOMIC DIPOLE-QUADRUPOLE DISPERSION FORCES
 ATOMIC READJUSTMENT TO AN INNER-SHELL VACANCY MANGANESE POTASSIUM X-RAY EMISSION SPECTRA FROM AN IRON SS POTASSIUM-
 ATOMIC FLUORESCENCE PLANE SPECTROMETRY
 ATOMIC AND MOLECULAR KINETICS ON SOLID SURFACES FINAL REPORT FEB 1968
 ATOMIC PHYSICS AND MANY-PARTICLE INTERACTIONS
 ATOMIC SILICON REACTION WITH TRIMETHYLSILANE
 ATOMIC PROCESSES WITH SPECIAL APPLICATION TO GASEOUS NEBULAE
 ATOMIC AND MOLECULAR SPECTROSCOPY
 PRECISE ATOMIC MASS DIFFERENCES INVOLVING ISOTOPES OF NO SM CO AND PS
 KINETICS OF ATOMIC ASSOCIATION REACTIONS USING FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE FINAL REPORT NOV 1968
 INTENSITY OF ATOMIC FLUORESCENCE AS A FUNCTION OF ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE PLANE SPECTROMETRY
 ONE-DIMENSIONAL ATOMIC MODEL FOR A DISLOCATION LINE
 PLANE SPECTROMETRY ATOMIC FLUORESCENCE VS ATOMIC ABSORPTION
 LASER OSCILLATION IN ATOMIC CI IN HCI GAS DISCHARGES
 OPTICAL MIXING IN THE ATOMIC STATES OF A He/Ne LASER
 EXPERIMENTAL STUDIES OF ATOMIC HYDROGEN RECOMBINATION AT GLASS AND QUARTZ SURFACES FINAL REPORT MARCH 1967
 SLIT FUNCTION EFFECTS IN ATOMIC SPECTROSCOPY
 PSEUDOPOTENTIAL THEORY OF ATOMIC AND MOLECULAR HYDROGEN STATES
 COINCIDENCE MEASUREMENTS OF ATOMIC COLLISIONS FINAL REPORT JUNE 1968
 LIFETIME OF THE FIRST EXCITED ATOMIC STATES OF RUBIDIUM 87 ATOM
 INTERACTION OF COHERENT LIGHT WITH ATOMIC SYSTEMS FINAL REPORT DEC 1968
 LASER PLASMA HEATING TECHNIQUES FOR ATOMIC ABSORPTION SPECTROSCOPY
 LIGHT SOURCES FOR THE EXCITATION OF ATOMIC RESONANCE FLUORESCENCE IN CESIUM AND SODIUM
 STOPPING CROSS SECTIONS IN BORON OF LOW ATOMIC NUMBER ATOMS WITH ENERGIES FROM 15 TO 140 KEV
 PLANE SPECTROMETRY ATOMIC FLUORESCENCE VS ATOMIC ABSORPTION
 SUMMARY OF PUBLISHED MEASUREMENTS FROM THE ATOMIC BEAM GROUP AT THE UNIVERSITY OF CALIFORNIA FROM APRIL 1962 TO MAY
 MAGNETOELECTRIC SUSCEPTIBILITIES OF S-STATE ATOMIC SYSTEMS
 COMPARISON OF LINE AND CONTINUOUS SOURCES IN ATOMIC ABSORPTION SPECTROPHOTOMETRY
 THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON I A CORRECTION TO THE ADIABATIC
 THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON II EVALUATION OF THE POLARIZABILITIES
 RADIATIVE AND COLLISION-INDUCED RELAXATION OF ATOMIC STATES IN THE 2P3/2 CONFIGURATION OF NEON
 POPULATION INVERSION AND LASER OSCILLATION IN ATOMIC AND MOLECULAR GASES
 INTENSITY OF ATOMIC FLUORESCENCE AS A FUNCTION OF ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE PLANE SPECTROMETRY
 CONFIGURATION-INTERACTION STUDY OF THE LINEAR TRI ATOMIC HYDROGEN SYSTEM
 NUCLEAR STABILITY AND NUCLEAR ENERGETICS BY MEANS OF ATOMIC MASS MEASUREMENT FINAL REPORT JULY 1967
 CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES
 CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES FINAL REPORT APRIL 1968
 DETERMINATION OF OPTICAL EXCITATION CROSS SECTIONS IN ATOMIC COLLISIONS FINAL REPORT FEB 1967
 AN APPARATUS FOR THE PRECISE DETERMINATION OF LIFETIMES OF ATOMIC STATES
 ELECTRON-DETACHMENT IN HYDROGEN MINUS ION PLUS FLUORINE AND ATOMIC HYDROGEN PLUS FLUORINE ION COLLISIONS
 INFLUENCE OF TYPE OF TURBULENT FLAME ON LIMITS OF DETECTION IN ATOMIC FLUORESCENCE PLANE SPECTROMETRY
 DERIVATION OF EXPRESSIONS FOR CALCULATION OF LIMITING DETECTABLE ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE PLANE
 KINETICS OF THE ATTACK OF HIGH-TEMPERATURE MOLYBDENUM AND TUNGSTEN BY ATOMIC OXYGEN
 DERIVATION OF GENERAL EXPRESSIONS FOR QUANTUM AND POWER EFFICIENCIES FOR ATOMIC FLUORESCENCE OF ATOMS IN A HOT GAS
 COMPARATIVE STUDIES OF THE ATTACK OF PYROLYTIC AND ISOTROPIC GRAPHITE BY ATOMIC AND MOLECULAR OXYGEN AT HIGH
 INTENSITY OF ATOMIC FLUORESCENCE AS A FUNCTION OF ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE PLANE SPECTROMETRY
 THE SELECTION OF OPTIMUM CONDITIONS FOR SPECTROCHEMICAL METHODS III SENSITIVITY OF ATOMIC FLUORESCENCE ABSORPTION AND
 SURFACE RECOMBINATION EFFICIENCIES IN FLOWS CONTAINING STEP-FUNCTION INCREASES IN ATOMIC OXYGEN FINAL REPORT MARCH
 EXPERIMENTAL INVESTIGATION OF ELECTRODELESS DISCHARGE LAMPS AS EXCITATION SOURCES FOR ATOMIC FLUORESCENCE PLANE
 DERIVATION OF EXPRESSIONS FOR CALCULATION OF LIMITING DETECTABLE ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE PLANE
 USE OF A CONTINUOUS SOURCE OF EXCITATION AN ARGON-HYDROGEN-AIR PLANE AND AN EXTENDED PLANE CELL FOR ATOMIC ABSORPTION

AFCL 66-0836
 AFOSR67-1141
 AFOSR66-0365
 AFOSR66-0486
 AFOSR66-2070
 AFOSR66-2898
 ARL 66-0157
 ARL 66-1131
 AFOSR67-1748
 AFOSR66-2766
 AFOSR67-1299
 AFOSR67-1906
 AFOSR66-1894
 AFOSR67-1174
 ARL 67-0264
 AFOSR67-1111
 AFOSR66-0764
 AFOSR67-0092
 AFOSR66-1721
 AFOSR66-2108
 AFCL 66-0555
 AFCL 67-0257
 AFOSR67-2609
 AFOSR67-1756
 AFOSR66-1604
 AFOSR67-0661
 AFOSR66-0119
 AFOSR67-1301
 AFCL 66-0833
 AFCL 66-0824
 AFOSR67-0309
 AFOSR67-0389
 AFOSR67-1209
 AFOSR66-2101
 AFOSR67-1715
 AFOSR67-1696
 AFOSR66-1757
 AFOSR67-0940
 AFOSR66-1767
 AFOSR66-1979
 AFOSR67-2612
 AFOSR67-1302
 AFOSR67-1986
 AFOSR67-1306
 AFOSR66-1286
 AFOSR67-1299
 AFOSR67-1980
 AFOSR66-0893
 AFOSR66-1803
 AFOSR67-1302
 AFOSR67-1305

ATOMIC-BEAM

ATOMIC-BEAM SCATTERING FROM EPITAXIALLY GROWN GOLD FILMS

AFOSR66-2223

ATOMIZATION

ATOMIZATION AND VAPORIZATION OF A LIQUID SHEET EXPOSED TO A SUPERSONIC AIRSTREAM
 MASS SPECTROMETRIC STUDY OF RARE EARTH-CARBON SYSTEMS. I. THE CERIUM-CARBON SYSTEM. II. ATOMIZATION ENERGY OF THE NDCO

AFOSR66-1421
 AFCL 67-0335

ATOMS

RECOMBINATION OF BR ATOMS BY FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE
 ABUNDANCE OF METALLIC ATOMS IN THE ATMOSPHERE
 CORRELATION EFFECTS IN ATOMS I HELIUM
 CORRELATION EFFECTS IN ATOMS II FOUR-ELECTRON SYSTEMS
 CORRELATION EFFECTS IN ATOMS III ANGULAR CORRELATIONS BETWEEN ELECTRONS
 INTERACTION OF HYDROGEN ATOMS AND HYDROXYL RADICALS WITH S-HALOGEN URACILS
 BINDING AND MOBILITY OF METAL ATOMS ON CRYSTAL SURFACES FINAL REPORT JULY 1968
 NOTES ON A VALENCE ELECTRON MODEL OF ATOMS
 VELOCITY DISTRIBUTION OF METASTABLE H ATOMS PRODUCED BY DISSOCIATIVE EXCITATION OF H SUB 2
 LIFETIMES OF RESONANCE STATES IN ALKALI ATOMS
 INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES
 INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES FINAL REPORT OCT 1968
 INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES I SENSITIZED FLUORESCENCE AND QUENCHING IN CS- NSUB2
 INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES II THE QUENCHING OF SODIUM RESONANCE RADIATION BY N
 DISPERSION CORRECTIONS TO THE LEVELS OF MUONIC ATOMS
 OBSERVATIONS ON THE RELEASE OF A CLOUD OF BARIUM ATOMS AND IONS IN THE UPPER ATMOSPHERE
 DETERMINATION OF THE DEGREE OF IONIZATION OF GAS ATOMS AS A FUNCTION OF X-RAY ENERGY
 BINDING AND FIELD DESORPTION OF INDIVIDUAL TUNGSTEN ATOMS
 STOPPING CROSS SECTIONS IN BORON OF LOW ATOMIC NUMBER ATOMS WITH ENERGIES FROM 15 TO 140 KEV
 ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON ATOMS FINAL REPORT FEB 1967
 REACTIONS OF CARBON VAPOR IV REACTIONS OF METASTABLE CARBON ATOMS /SUPER 1 S/ WITH OLEFINS SUPER 1.2
 THEORETICAL STUDIES ON INELASTIC COLLISIONS OF ELECTRONS WITH ATOMS AND MOLECULES FINAL REPORT MAY 1968
 EXACT COMPUTATION OF THE VAN DER WAALS CONSTANT FOR TWO HYDROGEN ATOMS
 COLLISIONAL DISALIGNMENT OF MAGNETICALLY ORIENTED SUPER 2P ALKALI ATOMS
 COLLISIONAL EXCITATION TRANSFER BETWEEN THE 2P1/2 AND 2P3/2 LEVELS IN ALKALI ATOMS
 COLLISIONAL DEPOLARIZATION OF MAGNETICALLY ORIENTED 4 SUPERScript 2P POTASSIUM ATOMS
 UNIFORM-ELECTRIC-FIELD QUADRUPOLE POLARIZABILITIES AND SHIELDING FACTORS FOR S-STATE ATOMS AND IONS
 ELECTRON CAPTURE INTO THE METASTABLE 2S STATE IN COLLISIONS OF PROTONS WITH HYDROGEN ATOMS
 USE OF MORPHIC EFFECTS FOR THE STUDY OF VIBRATIONAL AND OPTICAL PROPERTIES OF IMPURITY ATOMS IN CRYSTALS
 LOWER CASE M SUBSCRIPT J MIXING IN ORIENTED 4 SUPERScript 2 P SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY COLLISIONS
 DERIVATION OF GENERAL EXPRESSIONS FOR QUANTUM AND POWER EFFICIENCIES FOR ATOMIC FLUORESCENCE OF ATOMS IN A HOT GAS
 ABSOLUTE MEASUREMENTS OF THE 2 SUPER 1 P AND 2 SUPER 3 P ELECTRON EXCITATION CROSS SECTIONS OF HELIUM ATOMS
 SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS IX ENERGY TRANSFER IN COLLISIONS BETWEEN SODIUM AND INERT GAS ATOMS

AFOSR66-0790
 AFCL 66-0121
 AFOSR67-0446
 AFOSR67-2276
 AFOSR67-2281
 AFOSR67-0068
 AFOSR66-1645
 AFOSR66-1504
 AFOSR67-2326
 AFOSR67-0660
 AFOSR67-2431
 AFOSR66-2581
 AFOSR67-1144
 AFOSR67-2675
 AFOSR67-2824
 AFCL 67-0144
 AFOSR66-0876
 AFOSR66-1764
 AFOSR67-1754
 AFOSR67-0099
 AFOSR66-2980
 AFCL 66-0290
 AFOSR66-2750
 AFOSR66-1123
 AFOSR67-0017
 AFOSR66-1643
 AFOSR67-0310
 AFOSR66-2292
 AFOSR66-0997
 AFOSR66-1073
 AFOSR67-1300
 AFOSR66-1128
 AFOSR67-2284

ATPASE

PROPERTIES OF THE ATPASE SYSTEM FROM THE SHEATH OF SQUID GIANT AXONS
 THE EFFECT OF ADP ON THE ATPASE ACTIVITY OF INSECT ACTINOTOSIN AT LOW IONIC STRENGTH

AFOSR66-1707
 AFOSR67-2251

ATROPINE

DECREASED ATROPINE TOXICITY IN RATS CHRONICALLY EXPOSED TO COLD APOSR67-2105
EFFECTS OF ATROPINE ESERINE AND ADRENALINE IN CATS WITH MESENCEPHALIC TRANSECTION AND IN THE ISOLATED HEMISPHERE CAT APOSR67-2380
SYNTHESIS OF ATROPINE LABELED WITH C14 IN THE TROPINE RING AND EFFECT OF COLD ACCLIMATION ON ATROPINE METABOLISM FINAL APOSR67-2030
TROPINE-LABELED ATROPINE METABOLISM IN MAN RADIOISOTOPE LABELED ATROPINE APOSR67-2120
SYNTHESIS OF TROPINE-LABELED ATROPINE I MICRO METHODS FOR THE SYNTHESIS OF TROPINE AND FOR ITS ESTERIFICATION WITH APOSR67-2104
TROPINE-LABELED ATROPINE METABOLISM IN MAN RADIOISOTOPE LABELED ATROPINE APOSR67-2120
ELECTROCORTEXOGRAPHY IN THE CHRONIC ISOLATED HEMISPHERE OF THE CAT EFFECT OF ATROPINE AND ESERINE APOSR67-0915
SYNTHESIS OF ATROPINE LABELED WITH C14 IN THE TROPINE RING AND EFFECT OF COLD ACCLIMATION ON ATROPINE METABOLISM FINAL APOSR67-2030

ATTACHING

ELECTRON ATTACHING ADDITIVES FOR THE MODIFICATION OF RE-ENTRY PLASMAS AFCL67-0214

ATTACHMENT

ELECTRIC ARC ATTACHMENT, HEAT TRANSFER, AND ELECTRODE EROSION OF HIGH CURRENT ARCS DRIVEN MAGNETICALLY OVER METAL ARL 68-1022
LAPPING MACHINE ATTACHMENT FOR PREPARING ORIENTED CRYSTALS ARL 68-0240
ELECTRON RECOMBINATION ATTACHMENT AND RELAXATION IN NO AND CO AFCL68-0970

ATTACK

KINETICS OF THE ATTACK OF HIGH-TEMPERATURE MOLYBDENUM AND TUNGSTEN BY ATOMIC OXYGEN APOSR67-1986
COMPARATIVE STUDIES OF THE ATTACK OF PYROLYTIC AND ISOTROPIC GRAPHITE BY ATOMIC AND MOLECULAR OXYGEN AT HIGH APOSR68-1286
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME I - MIDCOURSE AND TERMINAL BALLISTIC ORA 67-0001
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME II - AREA DEFENSE SPACE-TIME STUDY FINAL ORA 67-0002
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME III - MULTILAYER FILTER MODEL FINAL REPORT ORA 67-0003
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IV - ANALYSIS OF THE SOVIET AND CPM ORA 67-0005
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME V ERROR ANALYSES AND RELATED STUDIES FINAL ORA 67-0007
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IX - STRATEGY CONSIDERATIONS IN AREA ORA 68-0001
HYPERSONIC FLOW OF BLUNT DELTA WINGS AT LOW ANGLES OF ATTACK I SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION APOSR67-0005
VORTEX INDUCED ROLLING MOMENTS ON FINNED MISSILES AT HIGH ANGLE OF ATTACK AFCL68-0550
A NOTE ON THE VARIATION OF THE UNIT REYNOLDS NUMBER ON A FLAT PLATE AS A FUNCTION OF THE ANGLE OF ATTACK FINAL REPORT ARL 68-0030

ATTAINABLE

ATTAINABLE SETS AND GENERALIZED GEODESIC SPHERES APOSR67-1264

ATTENTION

SELECTIVE ATTENTION APOSR67-1814
EXTENSION TABLES FOR THE U S STANDARD ATMOSPHERE 1962 WITH SPECIAL ATTENTION TO THE CALCULATION OF GEOPOTENTIAL AFCL67-0335
HIPPOCAMPAL STATES AND FUNCTIONAL RELATIONS WITH CORTICOSUBCORTICAL SYSTEMS IN ATTENTION AND LEARNING APOSR67-2584

ATTENUATED

THE RELATIVISTIC DOPPLER EQUATIONS FOR ATTENUATED WAVES AND THE DRAG EFFECT APOSR68-2839

ATTENUATION

ATTENUATION OF A SHOCK WAVE DUE TO THE NONEQUILIBRIUM IONIZATION AND RADIATION APOSR67-1318
ATTENUATION OF THE TORSIONAL FREE OSCILLATIONS IN AN EARTH WITH A DISSIPATIVE MANTLE AND A DISSIPATIVE SOFT-SOLID CORE APOSR67-2141
ATTENUATION OF SEISMIC BODY WAVES IN THE MANTLE APOSR67-2856
ULTRASONIC ATTENUATION IN A PURE TYPE II SUPERCONDUCTOR NEAR THE UPPER CRITICAL FIELD APOSR68-0423
MAGNETOACOUSTIC ATTENUATION IN HIGH-FIELD SUPERCONDUCTORS APOSR67-0964
MAGNETOACOUSTIC ATTENUATION IN LIQUID GALLIUM TO 150 KILOGAUSS APOSR67-1588
MAGNETOACOUSTIC ATTENUATION OF CIRCULARLY POLARIZED ULTRASOUND IN SN AI AND SB AFCL68-0724
THE VELOCITY AND ATTENUATION OF WAVES IN A RANDOM MEDIUM AFCL67-0614
UV VISIBLE AND IR ATTENUATION FOR ALTITUDES TO 50 KM 1968 AFCL67-0153
TRANSVERSE ULTRASONIC ATTENUATION IN GAPLESS SUPERCONDUCTORS APOSR67-0038
A PRELIMINARY MICROWAVE ATTENUATION CLIMATOLOGY FOR THE MONTREAL AREA BASED ON WEATHER RADAR DATA AFCL68-0165
OSCILLATORY MAGNETOACOUSTIC ATTENUATION APOSR67-0787
INVESTIGATION OF THE ULTRASONIC ATTENUATION IN IRRADIATED METALS FINAL REPORT JUNE 1967 AFCL67-0369
MEGACYCLE AND KILOMEGACYCLE ULTRASONIC ATTENUATION STUDIES IN METALS FINAL REPORT MARCH 1968 APOSR68-0739
MAGNETIC FIELD DEPENDENCE OF ULTRASONIC ATTENUATION OF SHEAR WAVES IN POTASSIUM APOSR67-0161
SPECTRUM OF SHORT-PERIOD CORE PHASES IN RELATION TO THE ATTENUATION IN THE MANTLE APOSR67-2084
MEASUREMENTS OF CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED ENERGY FINAL REPORT AFCL68-0003
SPECTRUM OF P AND PCP IN RELATION TO THE MANTLE-CORE BOUNDARY AND ATTENUATION IN THE MANTLE APOSR67-0879
EXPERIMENTAL INVESTIGATION OF HARMONIC ION CYCLOTRON WAVE PROPAGATION AND ATTENUATION APOSR67-1364
THEORY OF PURE TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELDS II ULTRASONIC ATTENUATION APOSR67-1744
AIRCRAFT INSTRUMENTATION TO MEASURE CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED AFCL67-0042
THIN-FILM PIEZOELECTRIC TRANSDUCERS USED AS GENERATORS AND DETECTORS OF MICROWAVE PHONONS WITH SOME ATTENUATION AFCL67-0079

ATTENUATOR

VOLTAGE CONTROLLED ATTENUATOR APOSR68-1061

ATTENUATORS

REFLECTIONS FROM ROTARY-VANE PRECISION ATTENUATORS APOSR67-1654

ATTITUDE

RACIAL ATTITUDE AS A DETERMINANT OF JUDGMENTS OF PLAUSIBILITY APOSR67-1394
STUDIES OF ATTITUDE AND ATTITUDE MEASUREMENT FINAL REPORT MARCH 1968 APOSR68-0255
TIME OPTIMAL ATTITUDE CONTROL OF A SPINNING VEHICLE FINAL REPORT MAR 1967 SR 67-0004
MECHANISMS OF ATTITUDE CHANGE PRODUCED BY FORCED COMPLIANCE FINAL REPORT AUG 1968 APOSR68-1916
STUDIES OF ATTITUDE AND ATTITUDE MEASUREMENT FINAL REPORT MARCH 1968 APOSR68-0255
SPEECH CHARACTERISTICS AS INDICES OF ATTITUDE MOOD AND MOTIVATIONAL STATE FINAL REPORT MAY 1968 AFOSH68-0983

ATTITUDES

ATTITUDES TOWARD CIVIL LIBERTIES A CROSS-CULTURAL STUDY APOSR67-0835
ATTITUDES AND APPROACHES TO RESEARCH ARL 67-1110
DIMENSIONS OF VERBAL RACIAL ATTITUDES THEIR IDENTIFICATION AND MEASUREMENT APOSR68-0408
A STUDY OF COGNITIVE AND AFFECTIVE ATTITUDES AFOSH68-2329
THE EFFECTS OF CONTEXT AND OF RATER'S ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP APOSR67-0073
THE EFFECTS OF CONTEXT AND OF RATER'S ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP APOSR67-1403

ATTITUDINAL

CHINESE ATTITUDINAL REACTIONS TO FORCED COMPLIANCE A CROSS- CULTURAL EXPERIMENT IN THE THEORY OF COGNITIVE DISSONANCE APOSR67-0900

ATTRACTION

DOMAINS OF ATTRACTION OF SOME QUASIPERIODIC SOLUTIONS APOSR67-1648

ATTRIBUTABLE

BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATION BETWEEN RANDOM EFFECTS AND THE NUMBER OF
BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECTS AND THE NUMBERS OF
BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECT AND THE NUMBERS OF

ARL 67-1020
ARL 67-1021
ARL 67-1022

AUDITORY

AUDITORY DIRECTION AND HEAD ROTATION
AUDITORY COMMUNICATION / SUMMARY
AUDITORY RESPONSES OF NEURONES IN THE LATERAL MESENCEPHALIC NUCLEUS / INFERIOR COLICULUS/ OF THE BARBARY DOVE
ERRORS IN AUDITORY DIRECTION-FINDING AFTER COMPENSATION FOR VISUAL RE-ARRANGEMENT
COMPENSATION FOR AUDITORY RE-ARRANGEMENT IN THE ABSENCE OF OBSERVER MOVEMENT
COMPENSATION FOR AUDITORY RE-ARRANGEMENT IN HAND-EAR COORDINATION
COMPENSATION FOR AUDITORY RE-ARRANGEMENT FOLLOWING EXPOSURE TO AUDITORY-TACTILE DISCORDANCE
IDENTIFICATION OF SEQUENTIAL AUDITORY AND VISUAL STIMULI
SINGLE-UNIT ACTIVITY IN THE PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS
LOUDNESS AS A FUNCTION OF THE DURATION OF AUDITORY STIMULATION
REPRESENTATION OF BINAURAL STIMULI BY SINGLE UNITS IN PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS

AFOSR67-1919
AFOSR67-2436
AFOSR68-0407
AFOSR67-2749
AFOSR67-1234
AFOSR67-1726
AFOSR68-0316
AFOSR67-1815
AFOSR68-1987
AFOSR68-2557
AFOSR68-2778

AUDITORY-TACTILE

COMPENSATION FOR AUDITORY RE-ARRANGEMENT FOLLOWING EXPOSURE TO AUDITORY-TACTILE DISCORDANCE

AFOSR68-0316

AUGER

AUGER ELECTRON SPECTROSCOPY OF FCC METAL SURFACES

AFOSR68-1865

AUGMENTATION

THRUST AUGMENTATION FOR V-STOL ARL'S RESEARCH AND CONCEPTS FINAL REPORT MARCH 1967
EJECTORS AND THRUST AUGMENTATION

ARL 67-0065
ARL 68-1390

AURAL

STIMULUS RECOGNITION IN AURAL PAIRED-ASSOCIATE LEARNING
STIMULUS PRONUNCIABILITY IN AURAL PAIRED-ASSOCIATE LEARNING

AFOSR67-1826
AFOSR67-1827

AURORA

STUDIES OF AIRGLOW AND AURORA PHENOMENA USING INSTRUMENTATION TECHNIQUES FINAL REPORT MAR 1967
PLASMA-WAVE INSTABILITIES IN THE IONOSPHERE OVER THE AURORA

AFOSR67-0431
AFOSR68-2775

AURORAL

AURORAL ZONE IONOSPHERIC RESEARCH FINAL REPORT MAY 1967
THE AURORAL OVAL AND THE SCINTILLATION BOUNDARY
LOW-ENERGY AURORAL ELECTRONS MEASURED BY SATELLITE OY3-1
AN INTENSE AURORAL ZONE X-RAY EVENT IN THE 4-5 SEC PERIOD RANGE
A THEORY OF THE AURORAL AFTERGLOW OF NITROGEN
CONSIDERATIONS OF EXPECTED AURORAL INTENSITIES
ROCKET INSTRUMENTATION FOR AURORAL MEASUREMENTS - BLACK BRANT AC 17-604
ROCKET INSTRUMENTATION FOR AURORAL MEASUREMENTS - AEROBEE 3-615
ENERGY-DEPENDENT MODULATION IN AURORAL X-RAY PULSATIONS
ROCKET MEASUREMENTS OF LOW-ENERGY AURORAL ELECTRON ENERGY SPECTRA FINAL REPORT OCT 1967
TEMPORAL FEATURES OF HIGH-INTENSITY AURORAL MICROBURSTS
SIMULTANEOUS BALLOON MEASUREMENTS OF AURORAL X-RAYS DURING SLOWLY VARYING IONOSPHERIC ABSORPTION EVENTS
TELLURIC CURRENT MICROPULSATIONS AT THE AURORAL ZONE FINAL REPORT OCT 1967
THE EFFECT OF A VELOCITY DISPERSION OF THE PRIMARY PARTICLES ON AURORAL LIGHT AND X-RAY PULSATIONS
OBSERVATIONS OF LARGE-SCALE COHERENT PULSATING ELECTRON PRECIPITATION EVENTS IN THE AURORAL ZONE ACCOMPANIED BY
PERIODIC COVARIATION OF RADIOWAVE ABSORPTION EARTH CURRENTS AND OTHER ASSOCIATED PHENOMENA IN THE AURORAL ZONE

AFOSR67-0416
AFOSR68-0360
AFOSR68-0399
AFOSR68-0539
AFOSR67-0252
AFOSR67-0210
AFOSR67-0295
AFOSR68-0536
AFOSR68-0484
AFOSR67-0618
AFOSR68-1224
AFOSR68-1234
AFOSR67-0650
AFOSR68-2758
AFOSR67-1314
AFOSR67-0248

AURORAL-ZONE

AURORAL-ZONE TELLURIC-CURRENT MICROPULSATIONS 1/20 SECONDS
AURORAL-ZONE ELECTRON PRECIPITATION ACCOMPANYING A SUDDEN IMPULSE IN THE GEOMAGNETIC FIELD
EAST-WEST MOVEMENTS OF PULSATING AURORAL-ZONE X-RAY EVENTS

AFOSR67-0247
AFOSR67-1369
AFOSR68-1144

AURORAS

ON THE COHERENCY OF X-RAY AND OPTICAL PULSATIONS IN AURORAS

AFOSR67-2531

AUSTENITIC

DISCONTINUOUS YIELDING OF METASTABLE AUSTENITIC STAINLESS STEEL
TRANSGRANULAR STRESS-CORROSION CRACKING MECHANISMS IN HIGH-PURITY AUSTENITIC STAINLESS STEELS

AFOSR67-2310
AFOSR68-1530

AUSTRALIA

BASIC CHEMICAL RESEARCH IN AUSTRALIA
THE STELLAR INTERFEROMETER AT NARRABRI AUSTRALIA

AFOSR67-1923
AFOSR67-0634

AUTHORITARIANISM

A CROSS-CULTURAL STUDY OF AUTHORITARIANISM

AFOSR67-1660

AUTOCORRELATION

MEMORY EFFECTS AND THE AUTOCORRELATION FUNCTION OF DYNAMICAL VARIABLE

AFOSR68-0029

AUTOMATA

AUTOMATA THEORY AND DEVELOPMENT PART I
ALGEBRA AUTOMATA I PARALLEL PROGRAMMING AS A PROLEGOMENA TO THE CATEGORICAL APPROACH
ALGEBRA AUTOMATA II THE CATEGORICAL FRAMEWORK FOR DYNAMIC ANALYSIS
CHECKING AUTOMATA AND ONE-WAY STACK LANGUAGES
LANGUAGES AUTOMATA AND CLASSES OF CHAIN-ENCODED PATTERNS
TWO-WAY BALLOON AUTOMATA AND AFL
STRUCTURE OF EVENTS AND AUTOMATA
CHANNEL CAPACITY OF MOORE AUTOMATA
REMARKS ON ALGEBRAIC DECOMPOSITION OF AUTOMATA
DECOMPOSITION THEORY OF SPNIAUTOMATA AND AUTOMATA FINAL REPORT DEC 1967
SYNCHRONIZATION AND DECOMPOSITION OF FINITE AUTOMATA
MATHEMATICAL THEORY OF SWITCHING CIRCUITS AND AUTOMATA UNIVERSITY OF CALIF PRESS 1968 FINAL REPORT SEPT 1968

AFOSR67-2270
AFOSR68-0453
AFOSR68-0484
AFOSR68-0251
AFOSR68-0794
AFOSR68-0981
AFOSR68-2187
AFOSR68-2801
AFOSR68-1938
AFOSR67-0686
AFOSR68-2319
AFOSR68-2319

AUTOMATED

FULLY AUTOMATED NETWORK DESIGN BY DIGITAL COMPUTER PRELIMINARY CONSIDERATIONS

AFOSR68-2078

AUTOMATED - CONTINUED

SURVEY OF AUTOMATED LANGUAGE PROCESSING 1966 DETERMINATION OF TRACE METALS USING COORDINATION CHAIN REACTIONS WITH MASKING AGENTS AND WITH AUTOMATED RATE	AFCRL67-0269 AFOSR67-2653
AUTOMATIC	
AUTOMATIC ENGLISH SENTENCE ANALYSIS FINAL REPORT MAY 1967 AUTOMATIC QUESTION-ANSWERING OF ENGLISH-LIKE QUESTIONS ABOUT SIMPLE DIAGRAMS AUTOMATIC CONTROL SYSTEMS FOR LEGGED LOCOMOTION MACHINES AUTOMATIC NAVIGATION AN AUTOMATIC ELECTRIC ANNEALING FURNACE AN AUTOMATIC STOCHASTIC PREDICTOR A SYSTEM FOR AUTOMATIC COLLECTION OF GEOMAGNETIC DATA IN DIGITAL FORM FINAL REPORT FEB 1967 A SYSTEM FOR AUTOMATIC COLLECTION AND PROCESSING OF GEOMAGNETIC DATA IN DIGITAL FORM APPLICATION OF AUTOMATIC LITERATURE ANALYSIS TECHNIQUES TO PSYCHIATRIC INTERVIEWS THE CLOSED LOOP CHARACTERISTICS OF AN AUTOMATIC DIRECT READOUT IMPEDANCE BRIDGE STUDY OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASURING RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT FEB 1966 DEVELOPMENT OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASUREMENTS RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT	AFOSR67-1887 AFOSR68-1303 AFOSR68-1340 AFOSR68-2202 AFCL68-0588 AFOSR68-0773 AFCL67-0281 AFCL68-0259 AFOSR67-2019 AFCL67-0180 AFCL68-0102 AFCL67-0415
AUTOMATION	
GENERAL SURVEY OF DESIGN AUTOMATION OF DIGITAL COMPUTERS STUDY OF ALUMINA CRYSTAL STRUCTURES /AUTOMATION OF THE VERNEUIL PROCESS/ FINAL REPORT MAR 1967 COMPUTER PROCEDURES AND PROGRAMS FOR THE AUTOMATION OF COGNITIVE PROCESSES FINAL REPORT DEC 1966	AFOSR67-0608 AFCL67-0148 AFOSR67-0703
AUTOMORPHISMS	
ENTROPY A COMPLETE METRIC INVARIANT FOR AUTOMORPHISMS OF THE TORUS	AFOSR67-2171
AUTONOMIC	
PERIODICITY IN THE AUTONOMIC DISCHARGE FINAL REPORT NOV 1967 OPERANT REINFORCEMENT OF A SKELETALLY MEDIATED AUTONOMIC RESPONSE UNCOUPLING OF THE TWO RESPONSES	AFOSR67-2742 AFOSR68-2686
AUTONOMOUS	
LINEAR ASYMPTOTICALLY AUTONOMOUS FUNCTIONAL DIFFERENTIAL EQUATIONS /ITALIAN/ CLASSIFICATION AND ENUMERATION OF AUTONOMOUS SEQUENTIAL MACHINES A SINO-SOVIET CULTURAL FRONTIER THE ILI KAZAKH AUTONOMOUS CHOU	AFOSR68-1763 AFOSR67-1412 AFOSR67-0200
AUTOPROLYSIS	
AUTOPROLYSIS CONSTANT OF ACETONITRILE	AFOSR68-1713
AUTOTROPHY	
CHOICE BETWEEN AUTOTROPHY AND HETEROTROPHY IN PSEUDOMONAS OXALATICUS UTILIZATION OF OXALATE BY CELLS AFTER ADAPTATION CHOICE BETWEEN AUTOTROPHY AND HETEROTROPHY IN PSEUDOMONAS OXALATICUS GROWTH IN MIXED SUBSTRATES	AFOSR68-1990 AFOSR68-2776
AUXILIARY	
A FAST MECHANICAL BEAM STOP AND OTHER AUXILIARY BEAM CONTROL EQUIPMENT ROTATING CRYSTAL SPECTROMETERS WITH AND WITHOUT AN AUXILIARY DEVICE FOR SUPPRESSION OF UNWANTED REFLECTIONS	AFOSR68-0898 AFOSR67-2697
AVAILABILITY	
MODELS ANALYSIS AND APPROXIMATIONS FOR SYSTEM RELIABILITY AND AVAILABILITY	AFOSR67-1438
AVALANCHE	
INPUT POWER INDUCED THERMAL EFFECTS RELATED TO TRANSITION TIME BETWEEN AVALANCHE AND SECOND BREAKDOWN IN P-N SILICON	AFOSR67-0767
AVERAGES	
SPATIAL AND TEMPORAL AVERAGES IN RETINAL CHANNELS CONSIDERING STATISTICAL AND TIME AVERAGES IN A REGULATION PROBLEM A LAPUNOV METHOD FOR THE ESTIMATION OF STATISTICAL AVERAGES	AFOSR68-2690 AFOSR68-1102 AFOSR67-0997
AVERAGING	
TRANSFORMATIONS AND AVERAGING PROCESSES FOR DIFFERENTIAL CROSS-SECTION MEASUREMENTS AT THERMAL ENERGIES AN EXTENSION OF THE METHOD OF AVERAGING	AFOSR68-1583 AFOSR67-1635
AVOIDANCE	
ELECTROPHYSIOLOGICAL STUDY OF VISUAL CORTICAL MECHANISMS ACTIVATED DURING AVOIDANCE CONDITIONING TRAILS IN MACAQUES	AFOSR68-0196
AXIAL	
AXIAL MAGNETIC ANISOTROPY IN THE HEAVIER RARE EARTH SULFIDE MOLYBDATE EFFECTS OF AXIAL STRESS ON THE EXCITON LEVELS IN WURTZITE II-VI COMPOUNDS RESONANCE SATURATION OF AXIAL CHARGE COMMUTATORS SU/3/ SYMMETRY AND SCALAR MESONS ON THE COMMUTATION RULES BETWEEN AXIAL CHARGES AND AXIAL DIVERGENCES THE LAX-BENDROFF METHOD APPLIED TO AXIAL SYMMETRIC SWIRL FLOW PLANAR FREE TURBULENT MIXING WITH AN AXIAL PRESSURE GRADIENT DYNAMIC TEMPERATURE MEASUREMENT DURING AXIAL IMPACT OF ANNEALED ALUMINUM TUBES CREEP BUCKLING OF CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION HIGH SPEED CASCADE TESTING AND ITS APPLICATION TO AXIAL FLOW SUPERSONIC COMPRESSORS ON THE COMMUTATION RULES BETWEEN AXIAL CHARGES AND AXIAL DIVERGENCES PRECISE RELATIONS BETWEEN THE SPECTRA OF VECTOR AND AXIAL VECTOR MESONS THE SIZE OF A LONG PAIR OF ELECTRONS EVIDENCE FOR AN AXIAL T-BUTYL GROUP ON THE STABILITY OF ECCENTRICALLY STIFFENED CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION FINITE DEFORMATIONS OF A CYLINDRICAL MEMBRANE LOADED BY A UNIFORM INTERNAL PRESSURE AND AN AXIAL LOAD A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT FINAL A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT	AFOSR68-1462 ARL 68-1375 AFOSR67-2241 AFOSR68-0567 ARL 67-1270 AFOSR67-2000 AFOSR68-0826 AFOSR68-0476 ARL 68-1015 AFOSR68-0567 AFOSR67-1443 AFOSR67-0023 AFOSR67-2442 AFOSR67-1766 AFOSR68-0485 AFCL68-0406 AFOSR68-1670
AXIAL-SYMMETRIC	
COMPUTATION OF AXIAL-SYMMETRIC TRANSONIC SWIRL FLOWS BY THE UNSTEADY FLOW APPROACH	ARL 68-0070
AXIAL VECTOR	
POSSIBLE MEASUREMENT OF THE NUCLEON AXIAL VECTOR FORM FACTOR IN TWO-PION ELECTROPRODUCTION EXPERIMENTS SIDEWISE DISPERSION RELATIONS AND THE AXIAL VECTOR COUPLING CONSTANT RELATIONS BETWEEN PARTIALLY CONSERVED AXIAL VECTOR CURRENT AXIAL VECTOR CHARGE COMMUTATION RELATIONS AND CONSPIRACY LOW- ω PION THEOREM FOR PION PHOTO PRODUCTION FROM THE HYPOTHESIS OF PARTIALLY CONSERVED AXIAL VECTOR CURRENT	AFOSR68-2263 AFOSR67-1711 AFOSR68-2217 AFOSR68-0439

AXIALLY

LOW BUCKLING LOADS OF AXIALLY COMPRESSED CONICAL SHELLS
LARGE DEFLECTIONS OF AN AXIALLY COMPRESSED OVAL CYLINDRICAL SHELL
ON THE ANALYTIC PROPERTIES OF SOLUTIONS FOR A GENERALIZED AXIALLY SYMMETRIC SCHRÖDINGER EQUATION
STUDIES OF GUIDED ELECTROMAGNETIC WAVES IN THE PRESENCE OF AXIALLY NONUNIFORM OR RANDOM PERTURBATIONS
THE INFLUENCE OF STIFFENER GEOMETRY AND SPACING ON THE BUCKLING OF AXIALLY COMPRESSED CYLINDRICAL AND CONICAL SHELLS
AN EXPERIMENTAL STUDY OF THE EFFECT OF LENGTH ON THE BUCKLE PATTERN OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS
AN INVESTIGATION OF THE ANALYTIC PROPERTIES OF SOLUTIONS TO THE GENERALIZED AXIALLY SYMMETRIC REDUCED WAVE EQUATION IN

AFOSR68-1944
AFOSR67-2007
AFOSR67-0837
AFOSR67-0898
AFOSR68-0870
AFOSR67-1981
AFOSR68-0766

AXIOM

FINITE VERSIONS OF THE AXIOM OF CHOICE

AFOSR67-1520

AXIOMATIC

AN AXIOMATIC EXPLANATION OF COMPLETE SELF-REPRODUCTION

AFOSR68-2579

AXIOMATIZATION

NOTES TOWARDS AN AXIOMATIZATION OF INTUITIONISTIC ANALYSIS

AFOSR67-0620

AXIS

A NEW POLAR AXIS MOTION SYSTEM

AFOSR67-0209

STUDY OF THE MATHEMATICAL FOUNDATIONS OF THE MEDIAL AXIS TRANSFORMATION FINAL REPORT AUG 1966

AFOSR68-0498

CALCULATION OF ELECTROMAGNETIC FIELDS IN THE FOCAL REGIONS OF A PARABOLOID RECEIVING OFF AXIS FINAL REPORT AUG 1967

AFOSR67-0486

AXISYMMETRIC

AXISYMMETRIC DYNAMIC SNAP-THROUGH OF ELASTIC CLAMPED SHALLOW SPHERICAL SHELLS

AFOSR68-0469

TWO LAYER ABLATION AT AN AXISYMMETRIC STAGNATION POINT

AFOSR68-0181

CLASS OF SOLUTIONS OF THE AXISYMMETRIC BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER

AFOSR68-2834

PERTURBATIONS OF PLANE AND AXISYMMETRIC ENTROPY LAYERS

AFOSR68-0871

EFFECT OF SURFACE ROUGHNESS ON AXISYMMETRIC LAMINAR SEPARATED FLOW AT M EQUALS 5.4

AFOSR68-2588

THE MAGNETIC FIELD AND ENERGY OF AN AXISYMMETRIC VAN ALLEN BELT

AFOSR68-0648

MAGNETIC MOMENT TO SECOND ORDER FOR AXISYMMETRIC STATIC FIELD

AFOSR67-0318

EFFECT OF THE REDUCTION OF THE PRANDTL IN THE STAGNATION REGION PAST AN AXISYMMETRIC BLUNT BODY IN HYPERSONIC FLOW

AFOSR68-2086

AXON

A CONTRIBUTION TO THE ELECTROMAGNETIC THEORY OF THE UNMYELINATED AXON

AFOSR68-1647

AXONS

PROPERTIES OF THE ATRASE SYSTEM FROM THE SHEATH OF SQUID GIANT AXONS

AFOSR68-1707

AZIMUTH

AZIMUTH AND SLOWNESS ANOMALIES OF SEISMIC WAVES MEASURED ON THE CENTRAL CALIFORNIA SEISMOGRAPHIC ARRAY PART II

AFOSR67-0588

AZIMUTHAL

AZIMUTHAL VARIATION OF U S STATION RESIDUALS

AFOSR67-0028

AZO-COMPOUNDS

THE FLUORESCENCE OF CYCLIC AZO-COMPOUNDS DETERMINATION OF SINGLET LIFETIMES

AFOSR67-0709

AZO-HYDRAZONE

AN AZO-HYDRAZONE TAUTOMERISM AND AZOALKANE SYNTHESIS

AFOSR67-1117

AZOALKANE

AN AZO-HYDRAZONE TAUTOMERISM AND AZOALKANE SYNTHESIS

AFOSR67-1117

B-ALGEBRAS

INTEGRAL REPRESENTATION OF INVARIANT STATES OF B-ALGEBRAS

AFOSR67-1559

B-BERYLLIUM

HEATS OF FORMATION OF α -ALPHA-BERYLLIUM CHLORIDE AND α -ALPHA AND β -BERYLLIUM NITRIDE

AFOSR67-0804

B-MESON

THE DETERMINATIONS OF THE SPIN AND PARITY OF THE B-MESON

AFOSR67-1223

B-SILICON

GROWTH AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS FINAL REPORT FEB 1967

AFOSR67-0218

GROWTH PROCESSING AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS

AFOSR67-0537

PROCESSING GROWTH AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS

AFOSR68-0166

GROWTH PROCESSING AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS

AFOSR68-0543

BACKFIRE

HIGH-GAIN UHF BACKFIRE ANTENNA FOR COMMUNICATIONS TELEMETRY AND RADIO ASTRONOMY

AFOSR67-0518

BACKGROUND

ISOTROPY OF COSMIC BACKGROUND RADIATION AT 10690 MHz

AFOSR67-1710

RETINAL RESPONSES WITH DIFFERENT BACKGROUND LIGHT AND PSYCHOPHYSICAL CORRELATION

AFOSR67-2542

CLIMATIC NORMALS AS PREDICTORS PART I BACKGROUND

AFOSR67-0313

LIMITS ON SMALL SCALE VARIATIONS IN THE COSMIC BACKGROUND RADIATION

AFOSR68-2720

RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND FINAL REPORT DE

AFOSR68-0812

RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND

AFOSR68-2330

SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART I-THEORETICAL BACKGROUND AND APPLICATIONS

AFOSR67-0392

BACKGROUNDS

RESEARCH ON INFRARED CELESTIAL BACKGROUNDS FINAL REPORT DEC 1967

AFOSR68-0841

GEMINI VII SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH-CLOUD BACKGROUNDS /U/

AFOSR67-0498

GEMINI V 04/ 07 SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH-CLOUD BACKGROUNDS

AFOSR67-0563

BACKSCATTER	
INCOHERENT BACKSCATTER OBSERVATIONS OF SPORADIC E	AFOSR67-0800
INCOHERENT BACKSCATTER STUDY OF ELECTRON CONTENT AND EQUIVALENT SLAB THICKNESS	AFOSR68-1125
F REGION AND MAGNETOSPHERE BACKSCATTER RESULTS	AFOSR67-2260
DETERMINATION OF LOSS AND TRANSPORT IN THE NIGHT-TIME F- REGION FROM BACKSCATTER N-H PROFILES	AFOSR67-2662
BACKSCATTERING	
REDUCTION OF BACKSCATTERING FROM THE INFINITE CONE AND THE SPHERE BY IMPEDANCE LOADING	AFCL67-0490
MODIFICATION OF BACKSCATTERING OF A LOOP BY IMPEDANCE LOADING	AFCL67-0429
IMPEDANCE-LOADED RECEIVING ANTENNAS WITH MINIMUM BACKSCATTERING AND MAXIMUM RECEIVED POWER	AFCL68-0583
EXPERIMENTAL INVESTIGATION OF THE MODIFICATION OF THE BACKSCATTERING CROSS SECTIONS OF METALLIC OBJECTS	AFCL68-0548
BACKSCATTER	
WAVE-LENGTH DISCRIMINATION IN INSECTS A RECEPTOR CLASSES IN THE COMPOUND EYE OF THE BACKSCATTER MOTONECTA B SPECTRAL	AFOSR67-0714
BACTERIA	
RAPID AND SENSITIVE DETECTION OF BACTERIA BY GAS CHROMATOGRAPHY	AFOSR68-2177
BAPFLE	
ANALYTICAL AND EXPERIMENTAL INVESTIGATIONS OF OSCILLATIONS IN ROCKET MOTOR BAPFLE CAVITIES FINAL REPORT MAY 1968	AFOSR68-1369
BAHADUR	
THE COMPARISON OF MULTIVARIATE TESTS OF HYPOTHESIS BY MEANS OF BAHADUR EFFICIENCY	AFOSR67-1624
BALANCE	
THE BALANCE LEVEL IN CONVECTIVE STORMS	AFCL67-0113
MOMENTUM BALANCE FOR CURRENT FILAMENTS IN MAGNETIC FIELDS FINAL REPORT NOVEMBER 1968	ARL 68-0198
RADIATION BALANCE IN ROCKYSONDE THERMOMETERS FINAL REPORT FEB 1968	AFCL68-0410
TEMPERATURE AND DETAILED BALANCE IN DBSA	AFOSR68-0902
INDUCTION-HEATED HIGH-TEMPERATURE BALANCE SYSTEM	ARL 67-0171
CONTRIBUTION TO THE KNOWLEDGE OF MAGNETIC BALANCE AND SUSPENSION SYSTEMS	ARL 67-0283
MAGNETIC WIND-TUNNEL-MODEL SUSPENSION AND BALANCE SYSTEMS	ARL 67-1812
CALIBRATION STUDY FOR A SIX-DEGREE-OF-FREEDOM MAGNETIC BALANCE AND SUSPENSION SYSTEM	ARL 67-1830
BALANCED	
AN ANALYTICAL STUDY OF A FLUID CYLINDER ARC MODEL BALANCED BY CROSSED MAGNETIC AND FLOW FIELDS FINAL REPORT JAN 1968	ARL 68-0019
FLOW AND HEAT TRANSFER PHENOMENA OF PLASMA ARCS MAGNETICALLY BALANCED IN A CROSS FLOW	ARL 67-1336
BALAYAGE	
ON THE UNIFORM LIMIT OF MULTIPLE BALAYAGE OF VECTOR INTEGRALS	AFOSR67-0780
BALLAST	
DEVELOPMENT AND TESTING OF AIR BALLAST SYSTEMS FINAL REPORT OCT 1968	AFCL68-0556
FLIGHT CONTROL SYSTEMS AND LAUNCHING TECHNIQUES FOR AIR BALLAST SYSTEMS	AFCL67-0679
A SURVEY OF METHODS FOR CONTROLLING THE ALTITUDE OF FREE BALLOONS WITH AIR BALLAST SYSTEMS	AFCL67-0372
BALLISTIC	
PHYSICAL AND BALLISTIC TESTS IN SUPPORT OF SOUNDING ROCKET VEHICLES FINAL REPORT MAY 1967	AFCL67-0275
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME I - MIDCOURSE AND TERMINAL BALLISTIC	ORA 67-0001
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME II - AREA DEFENSE SPACE-TIME STUDY FINAL	ORA 67-0002
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME III - MULTILAYER FILTER MODEL FINAL REPORT	ORA 67-0003
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IV - ANALYSIS OF THE SOVIET AND CPR	ORA 67-0005
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME V ERROR ANALYSES AND RELATED STUDIES FINAL	ORA 67-0007
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME VIII-SUPPORTING STUDIES ON TECHNOLOGY AND AND	ORA 67-0011
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IX - STRATEGY CONSIDERATIONS IN AREA	ORA 68-0001
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME XISUMMARY AND HIGHLIGHTS FINAL REPORT FEB	ORA 68-0002
MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR	AFOSR67-0936
BLUNT-NOSED MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR	AFOSR67-1885
BLUNT-NOSED MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR	AFOSR68-0504
THERMODYNAMIC CONDITIONS OF THE TEST GAS IN A BALLISTIC COMPRESSOR	AFOSR68-0108
BALLOON	
BALLOON BORNE TELESCOPE FEASIBILITY STUDY AND DESIGN FINAL REPORT AUG 1967	AFCL67-0318
BALLOON DELIVERY SYSTEM /U/	AFCL67-0582
TWO-WAY BALLOON AUTOMATA AND AFL	AFOSR68-0081
SIMULTANEOUS BALLOON MEASUREMENTS OF AURORAL X-RAYS DURING SLOWLY VARYING IONOSPHERIC ABSORPTION EVENTS	AFOSR68-1334
DEVELOPMENT OF A BALLOON TO REACH 60 000 FEET AT 2 000 FEET PER MINUTE FINAL REPORT DEC 1967	AFCL68-0087
VALIDITY OF DETAILED BALLOON SOUNDINGS IN BOOSTER VEHICLE DESIGN	AFCL68-0606
PROCEEDINGS AFCL TETHERED BALLOON WORKSHOP 1967	AFCL68-0097
WIND TUNNEL TESTS OF NATURAL SHAPE BALLOON MODEL	AFCL68-0123
PROCEEDINGS FOURTH AFCL SCIENTIFIC BALLOON SYMPOSIUM	AFCL67-0076
THE DEVELOPMENT OF A CONSTITUTIVE RELATION FOR NEOPRENE BALLOON FILM	AFCL67-0573
INFRARED SOLAR SPECTRUM IN THE 1-10 REGION OBSERVED FROM A BALLOON BORNE SPECTROMETER	AFCL68-0436
BALLOON-BORNE	
BALLOON-BORNE OBSERVATIONS OF BRIGHTNESS VARIATIONS IN THE 1.27 MICRON BAND OF OXYGEN IN THE DAY AND TWILIGHT AIRGLOW	AFCL68-0157
A BALLOON-BORNE GRATING SPECTROMETER	AFCL67-0211
A BALLOON-BORNE INFRARED CORONAGRAPH	AFOSR68-2779
BALLOONS	
THE /C/ LAUNCH TECHNIQUE FOR HIGH-ALTITUDE BALLOONS	AFCL67-0672
STRESS AND DEFORMATION ANALYSIS OF FLEXIBLE BALLOONS FINAL REPORT MAR 1967	AFCL67-0368
LEAK DETECTION OF LARGE PRESSURIZED SPHERICAL BALLOONS FINAL REPORT APR 1968	AFCL68-0283
ON A CAUSE OF FAILURE OF HIGH ALTITUDE PLASTIC BALLOONS	AFCL67-0611
A SURVEY OF METHODS FOR CONTROLLING THE ALTITUDE OF FREE BALLOONS WITH AIR BALLAST SYSTEMS	AFCL67-0372
THE MEASUREMENTS OF THE SOLAR CONSTANT FROM HIGH ALTITUDE BALLOONS	AFCL68-0334
THE IN-FLIGHT DEPLOYMENT OF HEAVY PAYLOAD TRAINS BENEATH ASCENDING HIGH-ALTITUDE BALLOONS	AFCL67-0636
BALLUTE	
BALLUTE DEVELOPMENT FOR LOKI-DART AND ARCAS ROCKYSONDES FINAL REPORT NOV 1968	AFCL68-0622
THE BALLUTE A RETARDATION DEVICE AND WIND SENSOR	AFCL67-0659

BAND
MASS SPECTROMETRIC STUDY OF THE EVAPORATION OF BAND SUB 4 AND BAND SUB 4 FINAL REPORT OCT 1968 APCR68-0376

BANACH
ON BANACH SPACES WHOSE DUALS ARE L_1 SPACES APOSR68-0248
NONLINEAR PROGRAMMING IN BANACH SPACE APOSR68-0086
ON NONSEPARABLE REPLICATIVE BANACH SPACES APOSR68-0248
OPTIMAL CONTROL PROBLEMS AS EXTREMAL PROBLEMS IN A BANACH SPACE APOSR67-0377

BAND
BAND STRUCTURE DEFORMATION POTENTIALS AND EXCITON STATES IN SOLID KENON APOSR67-2764
BAND STRUCTURE OF BISMUTH PSEUDOPOTENTIAL APPROACH APOSR68-0820
BAND RE-ASSIGNMENT FOR ANILINE AND ITS DERIVATIVES THE MIGRATION /SPECTROSCOPIC/ MOMENT OF THE ARIND GROUPS ARL 67-0222
BAND PARAMETERS DETERMINATION FROM PARADAY ROTATION MEASUREMENTS ARL 67-0224
BAND STRUCTURE AND DISPERSION RELATIONS IN II-VI COMPOUNDS ARL 67-0225
BAND STRUCTURE OF GASES ARL 68-1429
WIDE BAND /VISUAL SPECTRUM/ PHOTOELECTRIC PHOTOMETRY OF PAGES DURING ITS FIRST FIFTEEN MONTHS IN ORBIT ARL 68-1140
ENERGY BAND STRUCTURE OF SEMICONDUCTORS FINAL REPORT DEC 1968 AFCL68-0631
ENERGY BAND STRUCTURE OF COPPOUS OXIDE IN THE VICINITY OF THE FUNDAMENTAL EDGE FROM MAGNETO-OSCILLATORY ABSORPTION APOSR67-2331
ENERGY BAND STRUCTURE OF CDS USING SELF-CONSISTENT OPW AND PSEUDOPOTENTIAL METHODS ARL 67-0081
NARROW BAND LONG RANGE COLOR TELEVISION SYSTEM INCORPORATING COLOR ANALYZER ARL 67-1138
ENERGY BAND STRUCTURE OF CUCL₂, CUBr, CUI, AND AGI ARL 68-1405
ENERGY BAND MODEL FOR INFRA-RED STIMULATED EMISSION IN ZNS SINGLE CRYSTALS ARL 68-1493
ENERGY BAND CALCULATIONS ARL 68-1487
MOLECULAR BAND INTENSITIES IN G AND K STARS APOSR68-0994
RELATIVISTIC BAND STRUCTURE OF GTE, NTE, POTE, POSE AND PBS ARL 68-1021
RELATIVISTIC BAND STRUCTURE OF COMPOUND SEMICONDUCTORS ARL 68-1423
NEW STUDIES OF THE BAND STRUCTURE OF THE DIAMOND-TYPE CRYSTALS AFCL67-0382
RELATIVISTIC ENERGY BAND MODELS FOR GERMANIUM AND GREY TIN ARL 68-1487
SELF CONSISTENT OPW BAND CALCULATIONS WITH SPECIAL COMMENTS ON SATURATED EARTH PLUGS ARL 68-1486
CONVERGENCE STUDY OF OPW BAND CALCULATIONS FOR WURTZITE AND ZINC-BLENDE COTE AND ZNTE ARL 68-0302
CONVERGENCE STUDY OF OPW BAND CALCULATIONS FOR WURTZITE AND ZINC-BLENDE COTE AND ZNTE ARL 68-1482
NEW STUDIES OF THE ENERGY BAND STRUCTURE OF TETRAHEDRALLY- BONDED SEMICONDUCTORS AND SEMIMETALS ARL 68-1489
INVESTIGATIONS OF NITROGEN BAND SYSTEMS PROMINENT IN ELECTRIC DISCHARGES FINAL REPORT MAR 1968 AFCL68-0845
SELF CONSISTENT OPW ENERGY BAND CALCULATIONS ARL 68-1428
MATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE APOSR67-0710
MATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE APOSR67-1569
INTERBAND MAGNETOREFLECTION AND BAND STRUCTURE OF NGE AFCL68-0822
AN ANALYSIS ON THE 6250-ANGSTROM BAND SYSTEM OF C32 AFCL68-1328
EXCHANGE APPROXIMATIONS IN ENERGY BAND CALCULATIONS ARL 68-1428
NONPARABOLICITY OF THE L CONDUCTION BAND IN GERMANIUM FROM MAGNETO-PEEZOTRANSMISSION EXPERIMENTS APOSR67-2372
INTEGRATED INTENSITY OF 3.3 MICRONS BAND OF METHANE APOSR68-0146
STUDY OF EXCHANGE APPROXIMATION IN OPW BAND CALCULATIONS FOR ZINC-BLENDE II-VI COMPOUNDS ARL 68-1486
RESEARCH DIRECTED TOWARDS THE STUDY OF MOLECULAR BAND INTENSITIES AND DERIVED QUANTITIES FINAL REPORT MAY 1967 AFCL67-0306
ATMOSPHERIC ABSORPTION OF SOLAR RADIATION BY THE 9.6 MICRON OZONE BAND AFCL67-0572
CONVERGENCE STUDY OF A SELF-CONSISTENT ORTHOGONALIZED- PLANE-WAVE BAND CALCULATION FOR HEXAGONAL CDS FINAL REPORT JAN ARL 68-0007
BALLOON-BORNE OBSERVATIONS OF BRIGHTNESS VARIATIONS IN THE 1.27 MICRON BAND OF OXYGEN IN THE DAY AND TWILIGHT AIRMOB AFCL68-0157
APPLICATION OF MULTILAYER ANALYZERS TO 15-150 A FLUORESCENCE SPECTROSCOPY FOR CHEMICAL AND VALENCE BAND ANALYSIS APOSR67-0635
ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS -- REFINEMENT OF FIRST-PRINCIPLES ENERGY BAND MODELS ARL 68-0244

BAND-STRUCTURE
BAND-STRUCTURE EFFECTS ON ITINERANT-ELECTRON MAGNETISM II APOSR68-1071

BAND-THEORY
DISCUSSION OF MOLECULAR ORBITAL AND BAND-THEORY CALCULATIONS ARL 68-1406

BANDE
STRUCTURE DE BANDE DES COMPOSES II-VI ARL 67-0237

BANDLIMITED
NOTE ON UNCERTAINTY FEEDBACK THE BANDLIMITED CASE APOSR68-2448

BANDS
SPIN WAVE SIDE BANDS OF LOCALIZED EXCITONS APOSR68-0888
THE EDGE EMISSION BANDS IN CADMIUM SULFIDE ARL 68-0233
GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE ARL 67-1284
GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE ARL 68-0299
GREEN EDGE EMISSION BANDS IN CHLORINE-DOPED CADMIUM SULFIDE ARL 68-0300
THE INFRARED ABSORPTION BANDS OF OZONE AFCL67-0237
TWO K DWARFS WITH ENHANCED BANDS OF MOLECULAR CARBON APOSR68-2138
M-I TRANSITION BETWEEN K-O BANDS ARL 67-1175
SPIN WAVES DISPERSION AND ENERGY BANDS IN FCC METALS APOSR68-0965
O P V METHOD OF CALCULATING ENERGY BANDS FOR SEMI- CONDUCTORS ARL 68-1090
LINE PARAMETERS OF THE INFRARED METHANE BANDS AFCL68-0621
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL CDS, CDSE, ZNS AND ZNSE ARL 67-1082
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL CDS, CDSE, ZNS, AND ZNSE ARL 67-1084
INTERFERENCE PHOTOCATHODE SENSITIVE TO MULTIPLE BANDS ARL 67-1139
STRENGTHS OF LINES IN THE SUB 1 AND SUB 3 INFRARED BANDS OF K SUB 20 FINAL REPORT FEB 1967 AFCL67-0156
PATENT PROCESS OF FORMING PASSIVATING INTERNAL INSUBSOSUB3 BANDS IN SILVER-INDIUM ALLOYS ARL 68-1145
INFLUENCE OF NONMAGNETIC IMPURITIES ON SUPERCONDUCTORS WITH OVERLAPPING BANDS APOSR67-2765
A COMPUTATION OF THE POINTS/GAMMA AND CHI FOR THE VALENCE AND CONDUCTION BANDS OF SODIUM CHLORIDE APOSR68-0701
SPECTRAL EMISSIVITY CALCULATIONS BY THE STATISTICAL MODEL APPLIED TO THE 4.3 MICRONS BANDS OF CARBON DIOXIDE AT HIGH APOSR67-2412
AN EXPERIMENTAL DETERMINATION OF THE OSCILLATOR STRENGTHS FOR SOME TRANSITIONS IN THE LYMAN BANDS OF MOLECULAR HYDROG APOSR68-2503

BANDWIDTH
A CONSTANT BANDWIDTH WIDE RANGE TRANSISTORIZED LOGARITHMIC AMPLIFIER AFCL67-0146
RECORDING AND DISPLAY OF REDUCED BANDWIDTH TV SIGNALS APOSR67-0148
ON THE WAVELENGTH DEPENDENCE OF THE BANDWIDTH AND THE DURATION OF TYPE I SOLAR RADIO BURSTS AFCL68-0204
DESIGN FOR MAINTENANCE OF THE SYSTEM BANDWIDTH IN THE PRESENCE OF PARAMETER CHANGES FINAL REPORT MAR 1967 ARL 67-0007
THE ELECTROMAGNETIC SCATTERING OF BROAD BANDWIDTH RANDOM SIGNALS BY A DISCRETE TARGET AFCL67-0602

BANG-BANG
A REMARK ON THE BANG-BANG PRINCIPLE FOR LINEAR CONTROL SYSTEMS IN INFINITE-DIMENSIONAL SPACE APOSR68-0768
CHATTER MOTION OF BANG-BANG CONTROLLERS ARL 68-0016

BARIUM
MAGNETIC SUSCEPTIBILITY OF BARIUM MOLYBDATE/IV/ AND STRONTIUM MOLYBDATE/IV/ IN THE RANGE 2-300 DEGREES K APOSR68-1478

BARIUM - CONTINUED

ISOBARIC ANALOG STATE STUDIES IN THE BARIUM REGION
OBSERVATIONS ON THE RELEASE OF A CLOUD OF BARIUM ATOMS AND IONS IN THE UPPER ATMOSPHERE
PHOTO-OPTICAL MEASUREMENTS ON HIGH-ALTITUDE BARIUM RELEASES FINAL REPORT JUNE 1968
NUCLEAR MAGNETIC RESONANCE STUDIES OF POINT DEFECTS IN BARIUM FLUORIDE CRYSTALS
FIRST LIMIT OF THE HYDROGEN AND OXYGEN REACTION IN VESSELS COATED WITH BARIUM BROMIDE
ARL 67-1176
AFCL67-0166
AFCL67-0168
AFCL67-0996
AFCL67-1996

BAROMETRIC
BAROMETRIC COEFFICIENT FOR COSMIC-RAY NEUTRON MONITORS
AFCL67-0460

BAROTROPIC
THE INFLUENCE OF A MOUNTAIN ON THE DISPLACEMENT OF BAROTROPIC DISTURBANCES
AFCL66-0274

BARRIER
PETERLS BARRIER CALCULATION
THE EFFECT OF DIFFERENT SURFACE BARRIER MODELS ON THE NOTTINGHAM ENERGY EXCHANGE PROCESS
MICROWAVE SPECTRUM CONFORMATION DIPOLE MOMENT AND BARRIER TO INTERNAL ROTATION IN METHYL VINYL ETHER
THE USE OF PRECISE SCHOTTKY DATA IN THE ANALYSIS OF THE METAL-VACUUM SURFACE BARRIER FOR THERMIONIC EMITTERS I-
AFOSR66-0413
AFOSR66-1101
AFOSR66-0402
AFOSR66-1788
AFCL67-0168

BARRIERS
BARRIERS ON CONES FOR UNIFORMLY ELLIPTIC OPERATORS
TECHNOLOGICAL BARRIERS TO AREA ICBM DEFENSE VOLUME I FINAL REPORT AUG 1968
ORIGIN OF ROTATIONAL BARRIERS II METHYLAMINE AND IMPROVED WAVEFUNCTIONS FOR HYDROGEN PEROXIDE
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
AFOSR67-0257
DRA 66-0010
AFOSR67-0466
AFCL66-0182
AFCL66-0302
AFCL66-0447

BARYON
SEARCH FOR A BARYON OF POSITIVE STRANGENESS
SCALE OF MESON AND BARYON COUPLINGS AND UNIVERSALITY IN THE ALGEBRA OF FACTORIZED RESIDUES
COMMUTATION RELATIONS OF BARYON CURRENTS
STRONG DECAYS OF HIGHER SPIN BARYON RESONANCES IN $0^{+}, 2^{-}$
FURTHER CONSEQUENCES OF THE QUARK MODEL IN INELASTIC MESON-BARYON SCATTERING
AFOSR67-0026
AFOSR66-0738
AFOSR67-0239
AFOSR66-0187
AFOSR67-2033

BARYON-BARYON
THE EFFECT OF STRONG CORRELATIONS ON BARYON-BARYON WEAK INTERACTIONS
GROUP THEORETICAL RELATIONSHIPS BETWEEN BARYON-BARYON SCATTERING CROSS-SECTIONS
AFOSR67-0873
AFOSR66-0746

BARYONS
MAGNETIC MOMENTS OF BARYONS IN BROKEN SU-3
DYNAMICAL GROUP $0^{+}, 2^{-}$ FOR BARYONS AND THE BEHAVIOR OF FORM FACTORS
A QUARKS-ON-SPRINGS MODEL OF THE BARYONS
MAGNETIC MOMENTS FORM FACTORS AND MASS SPECTRUM OF BARYONS
AFOSR66-1241
AFOSR67-2864
AFOSR66-2870
AFOSR66-0721

BASE
A BASE FOR THE DEFINITION OF COMPUTER LANGUAGES
ON THE BASE PROBLEM FOR A COMPACT INTEGRAL OPERATOR
ULTRA PRECISION BASE LINE MEASUREMENT PROGRAM FINAL REPORT FEB 1967
RADIO INTERFEROMETRY USING A BASE LINE OF 20 MILLION WAVELENGTHS
AN EXPERIMENTAL STUDY OF SUNE BASE INJECTION TECHNIQUES AND THE EFFECT OF LARGE PRESSURE GRADIENTS ON TURBULENT
INTEGRAL THEORY FOR SUPERSONIC TURBULENT BASE FLOWS
LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL BLUNT BASE FROM THE HIGH ENTHALPY PLUM IN THE SHOCK TUBE
AFOSR66-0164
AFOSR67-2699
AFCL67-0162
AFOSR66-2008
ARL 66-0160
AFOSR66-2429
ARL 67-0121

BASE-CATALYZED
FACTORS THAT CONTROL 1,3-ASYMMETRIC IODINATION AND INTRAMOLECULARITY IN BASE-CATALYZED 1,3-PROTON TRANSFER IN AN INDENE
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXVII CARBANIONS AS INTERMEDIATES IN THE BASE-CATALYZED
AFOSR66-0436
AFOSR67-0360

BASED
DYNAMICS BASED ON RISING REGGE TRAJECTORIES
ADAPTIVE SAMPLING BASED ON AMPLITUDE SENSITIVITY
SPECIFIC SPOT TESTS BASED ON THE RELEASE OF HYDROGEN CYANIDE FROM ACIDIC MERCURIC CYANIDE SOLUTION
A DECISION PROCEDURE BASED ON THE RESOLUTION METHOD
SELECTION PROCEDURES BASED ON COVARIANCE MATRICES OF MULTIVARIATE NORMAL POPULATIONS
JUP/ RADAR SIGNATURE ANALYSIS BASED ON MEASURED DIFFERENTIAL PHASE SHIFTS OF TARGET SCATTERING AT TWO HARMONIC
SEQUENCE PEPTIDE POLYMERS I POLYMERS BASED ON ASPARTIC ACID AND GLYCINE
PROOF PROCEDURES AND DECISION PROCEDURES BASED ON THE RESOLUTION METHOD FINAL REPORT AUG 1968
A CLASS OF NONLINEAR ERROR-CORRECTING CODES BASED UPON INTERLEAVED TWO-LEVEL SEQUENCES
COMMENTS ON THE STRUCTURE OF ELECTROLYTE SOLUTIONS BASED ON THERMAL DIFFUSION MEASUREMENTS
A PRELIMINARY MICROWAVE ATTENUATION CLIMATOLOGY FOR THE MONTREAL AREA BASED ON WEATHER RADAR DATA
A VARIATIONAL PRINCIPLE AND THE CONVERGENCE OF A FINITE-ELEMENT METHOD BASED ON ASSUMED STRESS DISTRIBUTION
STATISTICAL DESCRIPTION OF A CLASS OF NONGAUSSIAN CHANNELS USING EXPANSIONS BASED ON THE LOGNORMAL DISTRIBUTION
CERTAIN GENERAL PROPERTIES OF UNBIASED ESTIMATES OF LOCATION AND SCALE PARAMETERS BASED ON ORDERED OBSERVATIONS
A STUDY OF ELECTRON RADIATION DAMAGE IN GAAS, GAP AND GARS SUBJ SUB MINUS SUB XP SUBX BASED ON RECOMBINATION RADIATION
ARL 66-0021
AFOSR66-1366
AFOSR67-0462
ARL 66-0170
AFOSR66-1564
ARL 67-1271
AFCL67-0476
AFOSR67-1078
AFOSR66-1823
AFOSR67-2240
ARL 67-1246
AFCL66-0165
AFOSR66-0364
AFCL67-0438
AFOSR66-1834
ARL 66-0021

BASLINE
SIMULTANEOUS OBSERVATIONS OF A PULSATING RADIO SOURCE OVER A 5,000 KM BASLINE
AFOSR66-2889

BASES
TITRATION OF BASES IN ACETONITRILE
AFOSR67-2853

BASIC
BASIC CHEMICAL RESEARCH IN AUSTRALIA
BASIC RESEARCH IN GRAVITATION FINAL REPORT MARCH 1968
BASIC PARAMETERS FOR FILMS AND IMAGE INTENSIFIER-FILM COMBINATIONS AND PERFORMANCE COMPARISON FINAL REPORT MARCH 1968
BASIC RESEARCH ON SYNTHESIS OF NEW PHOSPHORUS-NITROGEN REAGENTS FINAL REPORT MAY 1968
BASIC STUDIES REGARDING LINE BROADENING FINAL REPORT OCTOBER 1968
BASIC RESEARCH ON THE SEPARATION OF SCANDIUM, YTTRIUM, AND THE RARE EARTHS BY SOLVENT EXTRACTION FINAL REPORT DECEMBER
THE BASIC LIMITATIONS IN THERMAL IMAGE DETECTION AS AFFECTED BY COOLING, SPECTRAL MATCHING, THE OPTICAL SYSTEM AND
A STUDY OF BASIC FACTORS GOVERNING THE DETECTION LIMIT IN ASTRONOMICAL IMAGING
CONTINUATION OF BASIC RESEARCH IN CRYSTAL STUDIES FINAL REPORT JULY 1967
THE CRYSTAL STRUCTURE OF BASIC ZIRCONIUM SULPHATE TETRAHYDRATE
PROBABILISTIC ASPECT OF THE BASIC LIMITATIONS IN IMAGE DETECTION
EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION
AFOSR67-1923
AFOSR66-0642
ARL 66-0073
ARL 66-0101
ARL 66-0196
ARL 66-0210
ARL 66-1427
ARL 67-1065
AFOSR67-1861
AFOSR67-1309
ARL 66-0257
AFCL67-0467

BASIC - CONTINUED

EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION FINAL REPORT OCT 1968
SUCCESSIVE APPROXIMATION OF SOLUTIONS OF MOLODENSKY'S BASIC INTEGRAL EQUATION
AFCL68-0589
AFCL67-0506

BASIN

MULTISPECTRAL PHOTOGRAPHIC STUDIES OF A RED-BED FACIES MINE BASIN NOVA SCOTIA
STUDY OF SEISMICITY MECHANICS OF FAULTING AND CRUSTAL STRUCTURE WITHIN THE BASIN AND RANGE AND ADJOINING PROVINCES
AFCL67-0603
AFOSR67-0529

BASIS

A PHYSICO-CHEMICAL BASIS FOR PATTERN AND RHYTHM
ON THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER THEORY AN EXAMPLE
CONSIDERATIONS REGARDING THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER THEORY
MATRIX ELEMENTS OF REPRESENTATIONS OF NON-COMPACT GROUPS IN A CONTINUOUS BASIS
AFOSR67-1163
AFOSR68-2053
AFOSR68-1014
AFOSR68-1152

BATA-DIKETONATE

RARE EARTH BATA-DIKETONATE COMPLEXES
ARL 68-1005

BATA-DIKETONE

BATA-DIKETONE COMPOUNDS OF THE LANTHANIDES
ARL 68-1004

BATA-DIKETONES

VOLATILE RARE EARTH CHELATES OF BATA-DIKETONES
VOLATILE RARE EARTH, ZIRCONIUM, AND HAFNIUM CHELATES OF BATA-DIKETONES
ARL 68-0043
ARL 68-1430

BATA-STABILITY

STUDY OF NEUTRON DEFICIENT NUCLEI FAR FROM BATA-STABILITY LINE
ARL 67-1174

BATH

SPECIAL REVIEW PART I PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH
SPECIAL REVIEW PART II PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH
AFOSR67-2267
AFOSR67-2268

BATIO

ELECTRO-OPTIC DEFLECTION WITH BATIO SUBJ PRISMS
AFOSR67-0345

BATS

SYNTHESIZING THE WAVEFORMS OF BATS PULSES
AFOSR67-2124

BATTERIES

IMPROVED CATHODE SYSTEMS FOR HIGH-ENERGY PRIMARY BATTERIES
AFCL68-0204

BAVO

MASS SPECTROMETRIC STUDY OF THE EVAPORATION OF BAMOO SUB 4 AND BAVO SUB 4 FINAL REPORT OCT 1968
AFCL68-0376

BAYES

ON BAYES SEQUENTIAL DESIGN WITH TWO RANDOM VARIABLES
AFOSR67-0758

BAYESIAN

BAYESIAN APPROACH TO THE OPTIMIZATION OF ADAPTIVE SYSTEMS
AFOSR68-0361

BEACON

TELEMETRY COMMAND AND BEACON ANTENNAS FOR VARIOUS AIR FORCE ROCKETS PROBES AND SATELLITES FINAL REPORT JAN 1967
TESTS OF A METHOD FOR MAKING GEODETIC TIES BY OBSERVING A SATELLITE OPTICAL BEACON
AFCL67-0110
AFCL67-0074

BEAM

SOLAR BEAM MEASUREMENTS STUDY FINAL REPORT FEB 1967
ELECTRON BEAM STIMULATED EMISSION OF II-VI COMPOUNDS
MOLECULAR BEAM SCATTERING FROM SOLID SURFACES
FLUCTUATIONS OF A BEAM WAVE PROPAGATING THROUGH A LOCALLY HOMOGENEOUS MEDIUM
A FAST MECHANICAL BEAM STOP AND OTHER AUXILIARY BEAM CONTROL EQUIPMENT
THE DYNAMICS OF A BEAM OF CHANGING CROSS SECTION
HIGH INTENSITY NOZZLE BEAM SOURCE FOR USE IN MOLECULAR TOTAL CROSS SECTION MEASUREMENTS
A 2 ELECTRON VOLTS ARGON BEAM SCATTERING AT A SOLID SURFACE AND OBSERVATIONS OF RADIATION ACCOMPANYING THE BEAM
INVESTIGATION OF ELECTRON BEAM PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT DEC 1966
INVESTIGATION OF ELECTRON BEAM AND HOLLOW CATHODE PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT NOV
RECENT STUDIES OF MOLECULAR BEAM SCATTERING FROM CONTINUOUSLY DEPOSITED GOLD FILMS
IMAGE ORTHICON WITH IMPROVED BEAM MODULATION FACTOR
ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE THEORETICAL STUDY FOR NORMAL INCIDENCE
ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE ADDITIONAL THEORETICAL STUDY FOR NORMAL INCIDENCE
ELECTRICALLY CONTROLLED ACOUSTIC BEAM DEFLECTION
CORRELATION MEASUREMENTS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
TIME OF FLIGHT MEASUREMENTS IN AN ARGON BEAM DEFLECTED BY A HEATED PLATINUM TARGET
A STUDY OF II-VI COMPOUNDS BY THE DIVERGENT BEAM X-RAY METHOD
A FAST MECHANICAL BEAM STOP AND OTHER AUXILIARY BEAM CONTROL EQUIPMENT
INTERMOLECULAR POTENTIAL ENERGIES BY A MOLECULAR BEAM SCATTERING METHOD
SUMMARY OF PUBLISHED MEASUREMENTS FROM THE ATOMIC BEAM GROUP AT THE UNIVERSITY OF CALIFORNIA FROM APRIL 1962 TO MAY
PLASMA DENSITY CONTOUR MEASUREMENTS USING MOLECULAR ION BEAM BREAKUP
PARAMETRIC EXCITATION OF A NON-HOMOGENEOUS SPINWALL-EULER BEAM
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES FINAL REPORT APRIL 1968
THE EFFECT OF FINITE ION MASS ON THE STABILITY OF A SPACE CHARGE NEUTRALIZED ELECTRON BEAM
ABSOLUTE DETERMINATION OF FLOW PARAMETERS IN A LOW DENSITY HYPERSONIC TUNNEL. PART I ELECTRON BEAM STUDIES OF
THE EFFECT OF A UNIFORMLY DISTRIBUTED LATERAL LOAD UPON THE BUCKLING OF A CONTINUOUSLY SUPPORTED BEAM
A 2 ELECTRON VOLTS ARGON BEAM SCATTERING AT A SOLID SURFACE AND OBSERVATIONS OF RADIATION ACCOMPANYING THE BEAM
AFCL67-0154
ARL 67-1312
AFOSR68-0846
AFCL68-0433
AFOSR68-0898
AFOSR68-1350
AFOSR68-0905
AFOSR68-2354
AFCL67-0273
AFCL68-0004
AFOSR68-2219
ARL 67-1194
AFOSR68-1734
AFOSR68-1746
AFCL67-0312
AFCL68-0026
AFCL68-0515
AFOSR68-2773
AFOSR68-0464
ARL 68-1459
AFOSR68-0898
AFOSR67-2011
AFOSR67-0861
AFOSR67-2211
AFOSR68-1736
AFOSR67-1898
AFOSR68-1757
ARL 68-1196
ARL 68-1114
AFOSR67-1398
AFOSR68-2354

BEAM-COLLISIONS

SMOOTHING AND UNFOLDING THE DATA OF BEAM-COLLISIONS EXPERIMENTS
AFOSR67-2277

BEAM-PLASMA

ION CYCLOTRON INSTABILITIES IN A BOUNDED BEAM-PLASMA SYSTEM
WAVE INTERACTION IN NONRELATIVISTIC ELECTRON BEAM-PLASMA SYSTEMS

AFOSR67-0462
AFCL67-0375

BEAM-WAVEGUIDES

DIMEDRAL OPTICAL RESONATORS AND PRISM BEAM-WAVEGUIDES

AFOSR67-0232

BEAMS

HIGH ENERGY MOLECULAR BEAMS FINAL REPORT JAN 1968
SCATTERING OF MOLECULAR BEAMS OF H₂ D₂ AND H₂ FROM THE /111/ PLANE OF AG
INTERFERENCE OF INDEPENDENT PHOTON BEAMS
DENSITY MEASUREMENTS WITH ELECTRON BEAMS
ALTERNATE GRADIENT FOCUSING OF MOLECULAR BEAMS
PLASMA DENSITY MEASUREMENTS WITH ENERGETIC BEAMS FINAL REPORT JAN 1967
A STUDY OF THE ELECTRIC DEFLECTION OF MOLECULAR BEAMS
A STUDY OF THE ELECTRIC DEFLECTION OF MOLECULAR BEAMS
STUDIES ON THE INTERACTION OF LIGHT AND PARTICLE BEAMS FINAL REPORT MARCH 1967
EXPERIMENTS ON SCATTERING OF MONO-ENERGETIC ARGON BEAMS BY HEATED PLATINUM
SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS
SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS
FURTHER EXPERIMENTS ON INTERFERENCE OF INDEPENDENT PHOTON BEAMS AT LOW LIGHT LEVELS
COMPUTER EXPERIMENTS ON LOW DENSITY CROSSED-FIELD ELECTRON BEAMS
HIERARCHY METHODS FOR RANDOM VIBRATIONS OF ELASTIC STRINGS AND BEAMS
SURFACE ASYMMETRY MECHANISM FOR FRACTIONAL ORDER PEAKS OBSERVED IN LEED BEAMS FROM METALS

AFCL66-0189
AFOSR67-2082
AFOSR67-2321
ARL 66-0290
AFOSR67-0624
AFOSR67-0611
AFOSR67-1971
AFOSR67-1979
AFOSR67-0649
AFOSR67-0319
AFCL66-0190
AFOSR67-2058
AFOSR67-2229
AFOSR67-1794
AFOSR67-0372
AFOSR67-2216

BEARING

AERODYNAMICS OF THE HYPERSONIC SLIPPER BEARING

ARL 66-0028

BEATS

RADIATIONLESS TRANSITIONS AND MOLECULAR QUANTUM BEATS

AFOSR66-2004

BEERS

COMPUTER TECHNIQUES FOR MAKING BEERS LAW CALCULATIONS OF CONCENTRATIONS FROM SPECTRAL DATA

AFOSR67-0536

BEETLE

OPTOMOTOR PRACTION LOCOMOTORY BIAS AND REACTIVE INHIBITION IN THE MILKVEED BUG ONCOPELTUS AND THE BEETLE ZOPHOBAS
OPTOMOTOR REACTION LOCOMOTORY BIAS AND REACTIVE INHIBITION IN THE MILKVEED BUG ONCOPELTUS AND THE BEETLE ZOPHOBAS

AFOSR67-1344
AFOSR66-1691

BEHAVIOR

BEHAVIOR OF COHERENT MICROWAVE PHOTONS AT LOW AL/SUB2/O/SUB2 TEMPERATURES IN USING VAPOR-DEPOSITED THIN-FILM
BEHAVIOR OF ULTRA-SMALL COLLOID PARTICLES
BEHAVIOR OF THE SINGLE COMPONENTS OF THE VISUAL EVOKED POTENTIAL DURING SLEEP IN MAN/ITALIAN/
THE BEHAVIOR OF A SINGLE QUEUE AT VARIOUS TIMES AND EPOCHS
LOCAL BEHAVIOR OF SOLUTIONS OF QUASILINEAR PARABOLIC EQUATIONS
DEFECT BEHAVIOR IN SEMICONDUCTORS FINAL REPORT APRIL 1967
LC-TIME BEHAVIOR OF WEAK SUPERCONDUCTING LOOPS
SCALAR BEHAVIOR AND FRIEDMANS MULTIPLE-TIME-SCALE THEORY OF IRREVERSIBLE PROCESSES
SINGULAR BEHAVIOR OF ZONAL HYPERSPHERICAL HARMONIC SERIES
CLASSICAL BEHAVIOR OF SYSTEMS OF Q-TUN OSCILLATORS
MECHANICAL BEHAVIOR OF THIN METAL LNS
LEADERSHIP BEHAVIOR OF AIR FORCE RD C CADETS
ASYMPTOTIC BEHAVIOR OF INTEGRALS CONNECTED WITH SPECTRAL FUNCTIONS OF HYPOELLIPTIC OPERATORS
ASYMPTOTIC BEHAVIOR OF VELOCITY PROFILES IN THE PRANDTL BOUNDARY LAYER THEORY
ELECTROOPTIC BEHAVIOR OF MONODISPERSE NONTRONITE SOLS
THE BOUNDARY BEHAVIOR OF THE BERGMAN KERNEL FUNCTION /FRENCH/
ELECTROCHEMICAL BEHAVIOR OF METALS AS STIMULUS ELECTRODES
ON RELATING THE BEHAVIOR OF A SYSTEM TO THE BEHAVIOR OF ITS CONSTITUENTS A THEORY OF CELLULAR DIFFERENTIATION AND THE
THE DEFORMATION BEHAVIOR OF NON-ISODIAL BICRYSTALS OF PE-3 PERCENT SI
SUPERPARAMAGNETIC BEHAVIOR OF SOLIDS AT LIQUID HELIUM TEMPERATURES FINAL REPORT FEB 1967
DISPERSED PARTICLE BEHAVIOR IN T-NICKEL ALLOY
LOGARITHMIC DENSITY BEHAVIOR OF A NONEQUILIBRIUM BOLTZMANN GAS
IMPLICATIONS OF REGGE BEHAVIOR FOR PROCESSES INVOLVING PHOTONS
RELEASE OF COORDINATED BEHAVIOR IN CRAYFISH BY SINGLE CENTRAL NEURONS
BRAIN STEM SYSTEMS AND BEHAVIOR FINAL REPORT JULY 1967
STUDY OF THE SCATTERING BEHAVIOR OF A SPHERE WITH AN ARBITRARILY PLACED CIRCUMFERENTIAL SLOT
RETROGRADE CATHODE SPOT BEHAVIOR IN LOW DENSITY ARCS, FINAL REPORT SEP 1967
RETROGRADE CATHODE SPOT BEHAVIOR IN LOW DENSITY ARCS
TRANSIENTS AND NON-OMNIC BEHAVIOR IN CERIUM OXIDE
NERVOUS PROCESSES UNDERLYING BEHAVIOR AND LEARNING FINAL REPORT APRIL 1967
NEURAL MECHANISMS OF EMOTIONAL BEHAVIOR /GERMAN/
INVESTIGATION ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTLE
STUDIES IN SOCIAL AND POLITICAL BEHAVIOR AND CHANGE COMMUNIST CHINA FINAL REPORT JUNE 1966
INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTLE FINAL REPORT MAY 1966
STABILITY THEORY AND THE ASYMPTOTIC BEHAVIOR OF DYNAMICAL SYSTEMS
EFFECT OF VACUUM ENVIRONMENT ON THE BEHAVIOR OF MATERIALS
FACTORS AFFECTING THE INITIAL PLASTIC BEHAVIOR OF CLOSE PACKED METAL SINGLE CRYSTALS FINAL REPORT APRIL 1966
RESEARCH DIRECTED TOWARD UNDERSTANDING BEHAVIOR AND DETECTION OF PLASMAS IN MAGNETIC FIELD FINAL REPORT APR 1966
AN INVESTIGATION OF F2 REGION IONOSPHERIC BEHAVIOR BY COMPUTER METHODS
NEURAL MECHANISMS: OLIVEN IN INSTINCTIVE BEHAVIOR FINAL REPORT NOV 1966
DYNAMICAL GROUP O/A // FOR AARTONS AND THE BEHAVIOR OF FORM FACTORS
CONSTITUTIVE EQUATIONS FOR DYNAMIC MATERIAL BEHAVIOR
ON RELATING THE BEHAVIOR OF A SYSTEM TO THE BEHAVIOR OF ITS CONSTITUENTS A THEORY OF CELLULAR DIFFERENTIATION AND THE
EQUILIBRIUM SPIN CONFIGURATION AND RESONANCE BEHAVIOR OF RBNH SUB 3
ON THE STABILITY CONSTRAINTS AND OSCILLATORY BEHAVIOR OF COUPLED SYSTEMS
STATIONARY EMPTY SPACES ENERGY AND EUCLIDEAN BEHAVIOR /FRENCH/
POSSIBLE COMMON INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY
RESEARCH ON THE ANALOGICAL SIMULATION OF NEURAL BEHAVIOR FINAL REPORT JUNE 1967
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXX BEHAVIOR OF PHENYLALYLIC AMIDES AND THEIR CONJUGATED ACIDS
FEEDBACK AND CONTROL SYSTEMS IN SPATIALLY-ORIENTED BEHAVIOR FINAL REPORT SEPT 1967
RAPID MODIFICATION OF ISOLATION-INDUCED AGGRESSIVE BEHAVIOR AND ELEVATION OF BRAIN CATECHOLAMINES AND SEROTONIN BY THE
THE NATURE OF THE ELECTRICAL CONDUCTION TRANSIENT BEHAVIOR OF RUTILE
ALTERNATIONS OF BRAIN BIOCHEMISTRY AND DEVELOPMENT OF BEHAVIOR
INTENTIONS ANALYSIS A METHODOLOGICAL COMPONENT OF FORECASTING INTERNATIONAL BEHAVIOR FINAL REPORT FEB 1968
FABRICATION OF VAPOR-DEPOSITED THIN FILM PIEZOELECTRIC TRANSDUCERS FOR THE STUDY OF PHONON BEHAVIOR IN DIELECTRIC
STUDY OF STABILITY OF HYDROGRAPHIC PLASMAS AND THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE BEHAVIOR OF IONIZED

AFCL67-0016
AFOSR67-0933
AFOSR67-1066
AFOSR67-1082
AFOSR66-2457
AFOSR67-1066
AFOSR67-0372
AFOSR66-2851
AFOSR66-0939
AFOSR67-0119
AFOSR66-1499
AFOSR66-1856
AFOSR66-1907
AFOSR66-2111
AFOSR66-2071
AFOSR66-2674
AFOSR67-1117
AFOSR66-0217
ARL 67-0242
AFOSR67-2002
AFOSR67-1577
AFOSR67-2665
AFOSR66-0276
AFOSR67-0267
AFOSR67-2012
AFCL67-0111
ARL 67-0194
ARL 67-1076
AFOSR66-0609
AFOSR67-2272
AFOSR67-2101
AFOSR67-2077
AFOSR66-1437
AFOSR66-1932
AFOSR67-1084
AFOSR66-0371
AFOSR66-1109
AFCL66-0210
AFCL66-0419
AFOSR67-0097
AFOSR67-2804
AFOSR67-2311
AFOSR66-0217
AFCL67-0253
AFOSR67-2490
AFOSR67-2503
ARL 67-1331
AFOSR67-1313
AFOSR67-0447
AFOSR67-2213
AFOSR66-2732
ARL 66-1150
AFOSR66-2339
ORA 66-0008
AFCL67-0627
AFCL67-0675

BEHAVIORAL

BEHAVIORAL AND POLYGRAPHIC STUDY OF SLEEP AND WAKEFULNESS IN CHRONIC DECEREBRATE CATS
BEHAVIORAL AND PERSONALITY EXPECTATIONS ASSOCIATED WITH STATUS POSITIONS

AFOSR67-0460
AFOSR67-1531

BEHAVIORAL - CONTINUED

INTERACTION OF BEHAVIORAL AND PHYSIOLOGICAL STRESS REACTIONS AEROSPACE POWER AND BEHAVIORAL KNOWLEDGE OPERATIONAL ANALYSIS OF BEHAVIORAL SITUATIONS FINAL REPORT OCT 1968 STUDIES ON THE NEUROVEGETATIVE AND BEHAVIORAL FUNCTIONS OF THE BRAIN SEPTAL AREA MECHANISMS OF COLOR DISCRIMINATION A BEHAVIORAL ANALYSIS FINAL REPORT JAN 1967 TELEMETERING OF SPIKE ACTIVITY DURING BEHAVIORAL RESPONSE TO ODDRANTS TOWARD UNDERSTANDING THE ROLE OF TASKS IN BEHAVIORAL RESEARCH ABSTRACT BIOLOGICAL SYSTEMS AS SEQUENTIAL MACHINES BEHAVIORAL REVERSIBILITY	AFOSR68-2706 AFOSR68-0631 AFOSR68-2324 AFOSR68-0415 AFOSR67-2140 AFOSR68-1983 AFOSR68-1878 AFOSR67-0912
BEHAVIOUR THE BEHAVIOUR OF THE ANGULAR CORRELATION SYMMETRY ANGLE FOLLOWING INELASTIC SCATTERING OF HELIUM 3 PARTICLES FROM ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE THEORETICAL STUDY FOR NORMAL INCIDENCE ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE ADDITIONAL THEORETICAL STUDY FOR NORMAL INCIDENCE THRESHOLD BEHAVIOUR OF THREE-BODY PARTIAL-WAVE AMPLITUDES -II DEFENSIVE BEHAVIOUR AND THE AFTER EFFECTS OF BRAIN STIMULATION IN THE RING DOVE /STREPTOPELIA RISORIA/ NORMAL THRESHOLD BEHAVIOUR IN THE PRESENCE OF ANOMALOUS THRESHOLDS FURTHER STUDIES ON MONOAMINE METABOLISM AND BEHAVIOUR IN RABBITS CHRONICALLY TREATED WITH RESERPINE	AFOSR68-1384 AFOSR68-1734 AFOSR68-1746 AFOSR67-1343 AFOSR68-0604 AFOSR67-0078 AFOSR67-2274
BEHAVIOURAL EEG AND BEHAVIOURAL EFFECTS OF DEPRIVATION OF PARADOXICAL SLEEP IN THE CAT /FRENCH/	AFOSR67-0406
BELGIUM SERIES OF LECTURES ON /SEPARATED FLOWS/ VON KARMAN INSTITUTE FOR FLUID DYNAMICS, BRUSSELS, BELGIUM, PART I / EXACT	ARL 67-1208
BELT VAN ALLEN OBLT PLASMA PHYSICS THE MAGNETIC FIELD AND ENERGY OF AN AXISYMMETRIC VAN ALLEN BELT	AFOSR67-0213 AFOSR68-0649
BENZOPHENONE THE CHEMISTRY OF CARBANIONS XIV FACTORS INFLUENCING THE RATE OF ADDITION OF DIMETHYLMAGNESIUM TO BENZOPHENONE	AFOSR68-2486
BENZEINS ACID-BASE INDICATOR PROPERTIES OF SULFONEPHTHALEINS AND BENZEINS IN ACETONITRILE	AFOSR67-0218
BENZENE RAMAN SPECTRUM OF CRYSTALLINE BENZENE ION-MOLECULE REACTIONS OF PROPANE IONS WITH BENZENE, 1,3- BUTADIENE, HYDROGEN SULFIDE, AND NITRIC OXIDE CHEMICAL IONIZATION MASS SPECTROMETRY VII REACTIONS OF BENZENE IONS WITH BENZENE SPIN DEGENERACY IN THE AND METHOD EXCITED STATES OF THE BENZENE MOLECULE THERMODYNAMICS OF POLYMER SOLUTIONS PART I NATURAL RUBBER AND BENZENE ION RADICALS XII THE REACTIONS OF DIARYL SULFIDES AND SULFOXIDES BENZENE THIOL SULFONATE AND BENZENESULFINIC ACID IN CHEMICAL IONIZATION MASS SPECTROMETRY VII REACTIONS OF BENZENE IONS WITH BENZENE RE-EXAMINATION OF THE THEORETICAL INTERPRETATIONS OF THE SPECTRA OF CRYSTALLINE BENZENE AND NAPHTHALENE	AFOSR67-2443 ARL 68-0834 AFOSR68-0370 AFOSR68-2545 AFOSR68-2343 AFOSR67-1836 AFOSR68-0379 AFOSR68-2473
BENZENECHROMIUM THREE-DIMENSIONAL CRYSTAL STRUCTURE OF BENZENECHROMIUM TRICARBONYL WITH FURTHER COMMENTS ON THE DIBENZENECHROMIUM	AFOSR67-0725
BENZENES PHOTOFLECTRON SPECTRA OF FLUORINATED BENZENES VALENCE SHELL CALCULATIONS ON POLYATOMIC MOLECULES II CNDO SCF CALCULATIONS ON MONOSUBSTITUTED BENZENES	AFOSR67-1417 AFOSR68-1149
BENZENESULFINIC ION RADICALS XII THE REACTIONS OF DIARYL SULFIDES AND SULFOXIDES BENZENE THIOL SULFONATE AND BENZENESULFINIC ACID IN	AFOSR67-1836
BENZESTROL HYDROGEN ADDITION RADICALS OF STILBESTROL HEXESTROL AND BENZESTROL	AFOSR68-1971
BENZINORBORNADIENE THE COPPER-CATALYZED REACTION OF BENZINORBORNADIENE WITH BENZOYL PEROXIDE AND T-BUTYL PERBENZOATE NUCLEAR MAGNETIC	AFOSR68-2707
BENZOYL THE COPPER-CATALYZED REACTION OF BENZINORBORNADIENE WITH BENZOYL PEROXIDE AND T-BUTYL PERBENZOATE NUCLEAR MAGNETIC	AFOSR68-0704
BENZQUINAMIDE THE INTERFERENCE OF TETRABENAZINE BENZQUINAMIDE AND PRENYLAMINE WITH THE ACTION OF RESERPINE	AFOSR68-0103
BENZYL THERMAL RACEMIZATION OF BENZYL P- TOLYL SULFOXIDE AND THERMAL REARRANGEMENT OF BENZYL P-TOLUENESULFONATE LONG-RANGE JIP SUPER IN SPIN-SPIN COUPLINGS IN BENZYL AND TOLYL PHOSPHORUS COMPOUNDS THERMAL RACEMIZATION OF BENZYL P- TOLYL SULFOXIDE AND THERMAL REARRANGEMENT OF BENZYL P-TOLUENESULFONATE ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS II SPECTROSCOPIC EFFECTS OF PHENYL SUBSTITUTION IN BENZYL ANIONS	AFOSR68-2497 AFOSR68-2574 AFOSR68-0404 AFOSR68-1042
BERGMAN THE BOUNDARY BEHAVIOR OF THE BERGMAN KERNEL FUNCTION /FRENCH/	AFOSR68-2438
BERGMAN-SHILOV A REPRESENTATION OF A BOUNDED FUNCTION AS INFINITE PRODUCT IN A DOMAIN WITH BERGMAN-SHILOV BOUNDARY SURFACES	AFOSR68-2462
BERGMAN-WEIL MOMENTUM-SPACE ANALYTICITY PROPERTIES OF THE BERGMAN-WEIL INTEGRAL FOR THE THREE POINT FUNCTION	AFOSR68-2507
BERGMAN-WHITTAKER ON A SUBCLASS OF THREE-DIMENSIONAL HARMONIC FUNCTIONS DEFINED BY THE BERGMAN-WHITTAKER OPERATOR	AFOSR68-2557
BERNOULLI-EULER PARAMETRIC EXCITATION OF A NON-HOMOGENEOUS BERNOULLI-EULER BEAM	AFOSR68-2574

BERNSTEIN

ON A GENERALIZATION OF BERNSTEIN POLYNOMIALS
AN EXTENSION OF THE GENERALIZED BERNSTEIN LEMMA

AFOSR66-0951
AFOSR66-0410

BEAS

ECKHART INTEGRALS AND THE AREA THEOREM OF BEAS

AFOSR66-2635

BENTHANS

REPLY BY AUTHOR TO M. H. BENTHANS COMMENT

ARL 67-0374

BERYLLIUM

RELATIVE ENTHALPY OF BERYLLIUM 1-ALUMINATE FROM 273 TO 1473 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150
RELATIVE ENTHALPY OF BERYLLIUM 1-ALUMINATE FROM 273 TO 1473 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150 DEGREES
RAPID MICROANALYSIS OF BERYLLIUM IN BERYLLIUM FLUIDS BY GAS CHROMATOGRAPHY
VAPOR PHASE COMBUSTION OF BERYLLIUM AND ALUMINUM FLAME SPEEDS AND FLAME
THE ABUNDANCES OF LITHIUM AND BERYLLIUM IN SOME P-WAGERS AND A GEANT
A MASS SPECTROMETRIC STUDY OF THE BERYLLIUM OXIDE-BERYLLIUM UNFLUORIDED SYSTEMS AT HIGH TEMPERATURES
RAPID ULTRA-SPACE DETERMINATION OF BERYLLIUM BY GAS CHROMATOGRAPHY
ELECTRON PARAMAGNETIC RESONANCE OF COPPER IN BERYLLIUM OXIDE
THE PHASES OF FORMATION OF THE CARBIDES OF ALUMINUM AND BERYLLIUM

AFOSR67-2015
AFOSR67-2016
ARL 66-1489
AFOSR66-1249
AFOSR67-0386
AFOSR66-1293
ARL 66-0140
AFOSR66-0149
AFOSR66-1795

BERYLLIUM-EIGHT

DIRECT REACTION ANALYSIS OF THE BERYLLIUM-EIGHT PROTON ALPHA BERYLLIUM-EIGHT REACTION

AFOSR66-4218

BERYLLIUM

ELECTRON-PARAMAGNETIC-RESONANCE STUDIES OF THE FLUORINE OXIDE IN BERYLLIUM OXIDE

AFOSR66-0680

BESSEL

NEW PERIODS OF BESSEL FUNCTION CROSS PRODUCTS FINAL REPORT DECEMBER 1966
GENERALIZATION OF A BESSEL FUNCTION INTEGRAL
SOME NEW INTEGRAL RELATIONS INVOLVING BESSEL FUNCTIONS
DISTRIBUTION OF PRODUCT AND QUOTIENT OF BESSEL FUNCTION VARIATES

ARL 66-0209
ARL 66-0122
ARL 66-1254
ARL 66-1609
AFOSR66-2182

BETA

RADIATIVE CORRECTIONS IN BETA DECAY
THE DECAY OF TERNIUM-142 AND BETA DECAY SYSTEMATICS
FLUX GROWTH AND CHARACTERIZATION OF BETA GALLIUM DESOXY OXIDE SINGLE CRYSTALS
VARIABLE RARE EARTH ZIRCONIUM AND HAFNIUM CHELATES OF BETA-DIKETONES
DETERMINATION OF NUCLEAR MATRIX ELEMENT PARAMETERS IN THE FIRST FERMIONIC BETA DECAY OF AUSUPPER198 AND SBSUPPER122

AFOSR66-0620
ARL 66-1222
AFOSR67-0051
ARL 67-1119
ARL 67-1044

BETA-BRASS

EFFECT OF HEAT TREATMENT ON THE RESISTIVITY OF BETA-BRASS

AFOSR66-0806

BETA-DECAY

BETA-DECAY OF RADIOACTIVE LEAD TETRAMETHYL

AFOSR67-2375

BETA-DIKETONES

DETERMINATION OF RATES OF RACEMIZATION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NMR STUDIES OF RACEMIC MIXTURES
DETERMINATION OF RATES OF OPTICAL INVERSION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NUCLEAR MAGNETIC RESONANCE
NEAL ANALYSIS BY GAS CHROMATOGRAPHY USING FLUOROCARBON-CONTAINING BETA-DIKETONATE CHELATES

ARL 67-1241
ARL 67-0224
ARL 66-1075

BETA-DIKETONES

PHYSICAL PROPERTIES OF SELECTED BETA-DIKETONES
VARIABLE RARE EARTH CHELATES OF BETA-DIKETONES

ARL 67-0189
ARL 67-1137

BETA-DECAY

RADIATIVE CORRECTION TO BETA-DECAY AND NUCLEON FORM FACTOR

AFOSR67-1536

BETHE-SALPETER

BASE APPROXIMANTS AND HOMOGENEOUS OF THE BETHE-SALPETER EQUATION
CONVOLUTION IN BASE APPROXIMANTS FOR THE BETHE-SALPETER EQUATION
BOUND STATES OF A RELATIVISTIC TWO-BODY HAMILTONIAN COMPARISON WITH THE BETHE-SALPETER EQUATION

AFOSR67-0544
AFOSR67-2145
AFOSR67-1002

BESSELS

A AND B NUCLEAR MAGNETIC RESONANCE SPECTRA OF THE ADUCT OF SUBSTITUTED PHENOL TRIFLUORIDE - MONOHYDRATE

AFOSR67-1270

BHATTACHARYA

THE DIVINGNESS AND BHATTACHARYA DISTANCE MEASURES IN SIGNAL SELECTION

AFOSR67-1048

BIACETYL

INTERACTION OF ANTHRACENE AND BIACETYL AT DIFFERENT EXCITATION WAVELENGTHS

ARL 66-0130

BIAS

BIAS CHARACTERISTICS OF A GAS FRONT-TO-BACK IN LINE FREQUENCY TRIANGLE
OBSERVATION SYSTEM BIAS ESTIMATION FROM BAYESIAN OBSERVATIONS FINAL REPORT AND
OBSERVATION SYSTEM BIAS ESTIMATION FROM BAYESIAN OBSERVATIONS FINAL REPORT AND
SPECTROSCOPIC REACTION MECHANISMS OF BIAS AND REACTIVE INHIBITION IN THE BILKUPED SULFIDE AND THE BERTLE ZOPHODAS
BIASED MEASUREMENT OF THE DEFLECTION LAYER WITH VARIATION IN APPLIED BIAS FIELD

AFOSR67-0020
AFOSR67-0439
AFOSR67-1344
AFOSR66-1691
AFOSR67-0384

BIASES

BIASES COMPONENT ESTIMATION ATTRIBUTABLE TO CORRELATION BETWEEN RANDOM EFFECTS AND THE NUMBERS OF
BIASES COMPONENT ESTIMATION ATTRIBUTABLE TO CORRELATION BETWEEN RANDOM EFFECTS AND THE NUMBERS OF
BIASES COMPONENT ESTIMATION ATTRIBUTABLE TO CORRELATION BETWEEN RANDOM EFFECTS AND THE NUMBERS OF

ARL 67-1020
ARL 67-1021
ARL 67-1022

BIASING

DEVELOPMENT FABRICATION ASSEMBLY AND TESTING OF BIASING POINTING CONTROL AND BIASING IN DEFERRING SYSTEMS FINAL

AFOSR67-0646

BIBLIOGRAPHY

BIBLIOGRAPHY OF LUNAR AND PLANETARY RESEARCH-1965	AFCL 67-0043
BIBLIOGRAPHY OF LUNAR AND PLANETARY RESEARCH SUPPLEMENT NO 2 - - 1966	AFCL 67-0518
BIBLIOGRAPHY OF HYDRODYNAMIC ENTRANCE REGION FLOW	AFOSR67-2022
A BIBLIOGRAPHY OF LASER APPLICATIONS	AFCL 67-0223
A BIBLIOGRAPHY OF THE ELECTRICALLY EXPLODED CONDUCTOR PHENOMENON FOURTH EDITION	AFCL 67-0356
A SELECT BIBLIOGRAPHY ON STUDENTS POLITICS AND HIGHER EDUCATION	AFOSR68-0870
AN ANNOTATED BIBLIOGRAPHY ON PRISONER INTERROGATION COMPLIANCE AND RESISTANCE	AFOSR68-1406
A SELECTED PSYCHOLINGUISTIC BIBLIOGRAPHY	AFCL 68-0605
ANTHROPOLOGY IN GOVERNMENT AN ANALYTIC BIBLIOGRAPHY	AFOSR68-0042
EFFECTS OF SURROUND ILLUMINATION ON VISUAL PERFORMANCE - AN ANNOTATED BIBLIOGRAPHY FINAL REPORT JULY 1967	AMRL 67-0103
BICHLORIDE	
CHLORINE-35 NUCLEAR QUADRUPOLE RESONANCE AND THE STRUCTURE OF THE BICHLORIDE ION IN TETRAMETHYLAMMONIUM BICHLORIDE	AFOSR68-0679
BICRYSTALS	
THE DEFORMATION BEHAVIOR OF NON-ISOAXIAL BICRYSTALS OF Fe-3 PERCENT Si	ARL 67-0242
BICYCLIC	
PRIMARY PROCESSES IN THE PHOTOCHEMISTRY OF BICYCLIC AZO COMPOUNDS	AFOSR68-1912
BICYCLO	
REACTIVE INTERMEDIATES IN THE BICYCLO /3 1 0/ HEXYL AND BICYCLO /3 1 0/ HEXYLIDENE SYSTEMS IV THE FREE-RADICAL REARRANGEMENT OF CARBONIUM IONS AND FREE RADICALS IN THE BICYCLO /3.1.0/ HEXYL SYSTEM	AFOSR68-1322 AFOSR67-1552
BIDENTATE	
THE DIFFERENTIATION BETWEEN UNIDENTATE AND BIDENTATE LIGANDS WHICH DONATE THREE ELECTRONS TO A METAL ATOM	AFOSR67-0601
BIEBERBACH	
ON THE BIEBERBACH CONJECTURE FOR EVEN N	AFOSR68-2613
BIERGOSTATRIENOL	
STEREISOIMERISM IN BIERGOSTATRIENOL	AFOSR68-2211
BIERNISCHS	
SOME DISCUSSION AND EXTENSION OF HANFRED BIERNISCHS WORK ON GERMAN ADJECTIVALS	AFCL 68-0055
BIHARMONIC	
THE BIHARMONIC BOUNDARY VALUE PROBLEM AS APPLIED TO A MEMBRANE HAVING AN IRREGULAR SHAPE FINAL REPORT AUG 1967 GENERALIZED BIHARMONIC PROBLEM AND RELATED EIGENVALUE PROBLEMS	AFOSR67-1768 ARL 67-1274
BILAYERS	
RESISTANCE CHANGES IN LIPID BILAYERS IMMUNOLOGICAL APPLICATIONS	AFOSR68-2120
BILBY	
ON THE TRAVEL TIMES OF P AS OBTAINED FROM THE NUCLEAR EXPLOSIONS BILBY AND SHOAL	AFOSR67-2635
BIMETALLIC	
THERMAL BUCKLING OF SHALLOW BIMETALLIC TWO-HINGED ARCHES	AFOSR68-1050
BINODAL	
COMMENTS ON SOLUTION FOR A SHOCK WAVE OF BINODAL DISTRIBUTION USING BHATNAGAR-GROSS-KROOK MODELS	AFOSR68-1230
BINARY	
BINARY MATRICES WITH EQUAL DETERMINANT AND PERMANENT BINARY DETECTION IN AN OPTICAL POLARIZATION MODULATION COMMUNICATION CHANNEL DYNAMICS OF BINARY COLLISION AMONG FOUR PARTICLES THERMODYNAMIC PROPERTIES OF BINARY MIXTURES OF N-ALKANES NO 118216 A SEMIDETACHED CLOSE BINARY VIEWED AT LOW INCLINATION THE FORMATION OF POINT DEFECTS IN BINARY ALLOYS THE STRUCTURE OF NORMAL SHOCK WAVES IN A BINARY GAS MIXTURE	AFOSR67-0736 AFOSR67-1472 AFOSR68-2355 AFOSR68-0717 AFOSR68-0096 ARL 68-1112 AFOSR68-2248
BINAURAL	
REPRESENTATION OF BINAURAL STIMULI BY SINGLE UNITS IN PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS	AFOSR68-2778
BINDING	
BINDING AND MOBILITY OF METAL ATOMS ON CRYSTAL SURFACES FINAL REPORT JULY 1968 BINDING AND FIELD DESORPTION OF INDIVIDUAL TUNGSTEN ATOMS BINDING OF ANESTHETICS TO PROTEINS LINKAGE BETWEEN THE SIXTH-LIGAND SITE OF HEME IRON ION AND THE NONPOLAR BINDING THE BINDING OF CARBON MONOXIDE BY HUMAN HEMOGLOBIN A COMPILATION OF BINDING ENERGY VALUES OF LIGHT HYPERNUCLEI SOME EXTENSIONS OF THE MANY-BODY POTENTIAL MODEL OF QUARK BINDING BINDING OF ANESTHETICS TO PROTEINS LINKAGE BETWEEN THE SIXTH-LIGAND SITE OF HEME IRON ION AND THE NONPOLAR BINDING	AFOSR68-1645 AFOSR68-1784 AFOSR68-2705 AFOSR68-2730 AFOSR67-1005 AFOSR68-1402 AFOSR68-2705
RING	
CONCERNING A WILD THREE-CELL DESCRIBED BY RING	AFOSR68-2648
BINOCULAR	
BINOCULAR RECIPROCAL INTERACTION UPON FIBER ENDINGS IN THE LATERAL GENICULATE NUCLEUS OF THE CAT	AFOSR67-2537
BINOCULARLY	
BINOCULARLY DRIVEN NEURONS IN VISUAL CORTEX OF SPLIT-CHIASM CATS	AFOSR68-2692
BIOASSAY	
VASOPRESSIN ITS BIOASSAY AND THE PHYSIOLOGICAL CONTROL OF ITS RELEASE	AFOSR67-1721

BIOCHEMICAL

BIOCHEMICAL AND HISTOCHEMICAL STUDIES ON THE EFFECTS OF IMIPRAMINE-LIKE DRUGS AND DEXTRO-AMPHETAMINE ON CENTRAL AND
BIOCHEMICAL PROFILE OF NERVE MEMBRANE FINAL REPORT FEB 1967
BIOCHEMICAL STUDIES OF NEURONS AND GLIA DURING LEARNING AND DIFFERENT FUNCTIONAL CONDITIONS FINAL REPORT MAY 1967
BIOCHEMICAL PROFILE OF NERVE MEMBRANE FINAL REPORT FEB 1968
PERFORMANCE AND BIOCHEMICAL RESPONSES RELATED TO SOCIAL CHANGES VERSUS CHEMOTHERAPY IN NONHUMAN PRIMATES /RHESUS
THE EFFECTS OF DIFFERENTIAL EARLY EXPERIENCE UPON LEARNING, PERFORMANCE, AND BIOCHEMICAL RESPONSES OF NONHUMAN

AFOSR67-0868
AFOSR67-1337
AFOSR67-1890
AFOSR68-1000
AML 67-0023
AML 67-0010

BIOCHEMISTRY

BIOCHEMISTRY AND PHYSIOLOGY OF DOPAMINE IN THE BRAIN FINAL REPORT FEB 1968
ALTERATIONS OF BRAIN BIOCHEMISTRY AND DEVELOPMENT OF BEHAVIOR
DOMINANCE IN MONKEYS-BEHAVIOR AND BIOCHEMISTRY FINAL REPORT NOV 67

AFOSR68-0526
AFOSR68-2339
AML 67-0024

BIOCONTROL

DISCRETE SYSTEM THEORY AND BIOCONTROL SYSTEM FINAL REPORT AUG 1968

AFOSR68-2310

BIOENGINEERING

A FINITE STATE APPROACH TO THE SYNTHESIS OF BIOENGINEERING CONTROL SYSTEMS

AFOSR67-0451

BIOGRAPHIC

CONTENT ANALYSIS OF DOCUMENTARY AND BIOGRAPHIC MATERIALS METHODOLOGY

AFOSR67-2619

BIOGRAPHICAL

MACHINE RETRIEVAL OF BIOGRAPHICAL DATA

AFOSR68-0190

BIOLOGICAL

BIOLOGICAL SIGNIFICANCE OF HIGH MOLECULAR WEIGHT POLYPEPTIDES FINAL REPORT JUNE 1967
BIOLOGICAL AND PHYSICAL REALIZATIONS OF ABSTRACT METABOLIC MODELS
BIOLOGICAL PRINCIPLES OF INFORMATION STORAGE AND RETRIEVAL
BIOLOGICAL ASPECTS OF THE NERVE GROWTH FACTOR
ABSTRACT BIOLOGICAL SYSTEMS AS SEQUENTIAL MACHINES III SOME ALGEBRAIC ASPECTS
ABSTRACT BIOLOGICAL SYSTEMS AS SEQUENTIAL MACHINES BEHAVIORAL REVERSIBILITY
TRANSPORT OF BIOLOGICAL AMINES AS AN ELEMENT OF DRUG ACTION
INFORMATION PROCESSING IN BIOLOGICAL SYSTEMS FINAL REPORT APRIL 1967
A MATHEMATICAL MODEL FOR THE BIOLOGICAL CLOCK OF PASSER DOMESTICUS
ON THE TISSUE SPECIFICITY AND BIOLOGICAL SIGNIFICANCE OF ALDOSE C IN THE CHICKEN
SCANNING ELECTRON MICROSCOPY OF BIOLOGICAL MATERIAL
RAPID MICROANALYSIS OF BERYLLIUM IN BIOLOGICAL FLUIDS BY GAS CHROMATOGRAPHY
WATER INSOLUBLE DERIVATIVES OF PROTEINS WITH BIOLOGICAL ACTIVITY FINAL REPORT SEPT 1967
THE DESIGN AND USE OF AN FM/AM RADIOTELEMETRY SYSTEM FOR MULTICHANNEL RECORDING OF BIOLOGICAL DATA

AFOSR67-1208
AFOSR67-1666
AFOSR68-0774
AFOSR68-2788
AFOSR67-0901
AFOSR67-0912
AFOSR68-0602
AFOSR67-2262
AFOSR67-0712
AFOSR67-0266
AFOSR67-0367
AML 68-1489
AFOSR67-2026
AFOSR68-0633

BIOLOGY

MOLECULAR BIOLOGY APPLICATIONS OF MASS SPECTROMETRY FINAL REPORT DEC 1967
ANIMAL SONAR SYSTEM BIOLOGY AND BIONICS VOLUMES 1 AND 2 SYMPOSIUM ON BIONIC MODELS OF THE ANIMAL SONAR SYSTEM VILLA
ADVANCES IN MOLECULAR BIOLOGY AND PREDICTIONS FOR 2000 A.D.
IN SEARCH OF MATHEMATICS FOR BIOLOGY FINAL REPORT APRIL 1967
INVESTIGATIONS IN THE FIELD OF RELATIONAL BIOLOGY FINAL REPORT MARCH 1967
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME IV BIOLOGY AND PROBLEMS

AFOSR68-0529
AFOSR67-2074
AML 68-1010
AFOSR67-0893
AFOSR67-2788
AFOSR68-2094

BIOMECHANICS

BIOMECHANICS ITS SCOPE HISTORY AND SOME PROBLEMS OF CONTINUUM MECHANICS IN PHYSIOLOGY

AFOSR68-0993

BIONIC

ANIMAL SONAR SYSTEM BIOLOGY AND BIONICS VOLUMES 1 AND 2 SYMPOSIUM ON BIONIC MODELS OF THE ANIMAL SONAR SYSTEM VILLA

AFOSR67-2074

BIONICS

ANIMAL SONAR SYSTEM BIOLOGY AND BIONICS VOLUMES 1 AND 2 SYMPOSIUM ON BIONIC MODELS OF THE ANIMAL SONAR SYSTEM VILLA

AFOSR67-2074

BIOPHYSICAL

BIOPHYSICAL AND ELECTROPHYSIOLOGICAL STUDIES OF SENSORY MECHANISMS FINAL REPORT DEC 1968

AFOSR68-2769

BIOPHYSICS

BIOPHYSICS OF INTRACRANIAL SELF-STIMULATION FINAL REPORT NOV 1967

AML 67-0025

BIOPOTENTIALS

NEW SUBMINIATURE AMPLIFIER-TRANSMITTERS FOR TELEMETERING BIOPOTENTIALS

AFOSR67-1296

BIOTELEMETRY

SOME APPLICATIONS OF BIOTELEMETRY

AFOSR68-2713

BIOTOPOLOGICAL

A MATRIX APPROACH TO THE THEORY OF BIOTOPOLOGICAL MAPPING

AFOSR67-0896

BIPOLAR

BIPOLAR EXPANSION OF SCREENED COULOMB POTENTIALS HELMHOLTZ SOLID HARMONICS AND THEIR ADDITION THEOREMS

AFOSR67-1243

BIREFRINGENCE

HIGH-STRESS OPTICAL BIREFRINGENCE IN PURE AND DEGENERATE N-TYPE GERMANIUM

AFOSR68-0884

BIRKHOFF

BIRKHOFF NORMALIZATION PROCESS PROGRAM FOR TIME-INDEPENDENT HAMILTONIAN SYSTEMS
BIRKHOFF NORMALIZATION PROCESS PROGRAM FOR TIME-DEPENDENT HAMILTONIAN SYSTEMS

AFOSR67-0123
AFOSR68-0878

BIRKHOFFS

SOLUTION OF BIRKHOFFS EQUATIONS OF THE REGULARIZED RESTRICTED PROBLEM

AFOSR67-2162

BISMUTH	
BAND STRUCTURE OF BISMUTH PSEUDOPOTENTIAL APPROACH	AFOSR68-0820
SCREENING OF A FIXED CHARGE IN BISMUTH METAL	AFOSR68-0868
SPECTROPHOTOMETRIC DETERMINATION OF BISMUTH	AFOSR67-1697
THEORY OF THE DAMPING OF ALFVEN WAVES IN BISMUTH METAL	AFOSR68-0591
LOW-ENERGY ELECTRON DIFFRACTION STUDY OF SURFACES OF ANTIMONY AND BISMUTH	AFOSR67-2698
BIVARIATE	
ON THE BIVARIATE MOMENTS OF ORDER STATISTICS FROM A LOGISTIC DISTRIBUTION	ARL 67-0285
BLACK-BACKED	
PENTOBARBITAL ANAESTHESIA IN THE HERRING AND LESSER BLACK-BACKED GULL	AFOSR67-0134
BLACKBIRD	
RED-WINGED BLACKBIRD RESPONSES TO ACOUSTIC STIMULI FINAL REPORT FEB 1967	AFOSR67-0717
BLACKBODY	
NORMALIZED CUMULATIVE BLACKBODY FUNCTIONS, AND THEIR APPLICATIONS IN THERMAL RADIATION CALCULATIONS	ARL 68-0256
COHERENCE PROPERTIES OF BLACKBODY RADIATION III CROSS- SPECTRAL TENSORS	AFOSR67-2730
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION	AFOSR67-1279
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION II SPECTRAL CORRELATIONS	AFOSR68-1086
BLADDER	
MORPHOLOGICAL ASPECTS ON THE HYDROSTATIC FUNCTION OF THE GAS BLADDER OF CLUPEA HARENGUS L	AFOSR67-2271
BLADE	
APPLICATION OF THE BLUNT TRAILING EDGE BLADE CONCEPT TO LOW HUB TIP RATIO TRANSONIC SUPERSONIC COMPRESSORS FINAL	ARL 68-0110
ROTOR PERFORMANCE OF THE R32-II BLUNT TRAILING EDGE BLADE SUPERSONIC COMPRESSOR	ARL 68-0020
EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE SUPERSONIC COMPRESSOR ROTORS OF DIFFERENT BLADE THICKNESSES AND	ARL 68-1228
BLADES	
NOTE ON THE CONCEPT OF BLUNT TRAILING EDGE BLADES	ARL 67-0063
BLADINGS	
APPLICATION OF BLUNT TRAILING EDGE BLADINGS TO SUPERSONIC COMPRESSOR STAGES FINAL REPORT MAY 1967	ARL 67-0120
BLAKELY	
COMMENTARY ON THE RICHY AND BLAKELY PAPER KINETICS OF THE SOLID-LIQUID TRANSITION IN TIN	AFOSR68-1544
BLANKETING	
A MODEL ATMOSPHERE FOR A 94 V STAR WITH LINE BLANKETING	AFOSR68-1754
LOCAL THERMODYNAMIC EQUILIBRIUM MODEL ATMOSPHERE WITH LINE BLANKETING REVIEW AND FUTURE PROSPECTS	AFOSR67-0319
BLAST	
THE APPROACH TO THE BLAST WAVE IN UNSTEADY HYPERSONIC FLOW	ARL 67-1068
INVESTIGATION OF STRONG BLAST WAVES AND THE DYNAMICS OF LASER INDUCED PLASMAS IN HIGH PRESSURE GASES	AFOSR68-0232
BLAU-SCOTT	
AN EXAMINATION OF THE BLAU-SCOTT AND ETZIONI TYPOLOGIES	AFOSR67-1696
BLAZONS	
MORPHOLOGY OF THE NEVADA CATTLEBRANDS AND THEIR BLAZONS PART TWO	AFOSR67-2534
BLEACHING	
INVESTIGATION OF SPECTRAL BLEACHING IN PASSIVE Q-SWITCH DYES	AFOSR67-0450
LOW TEMPERATURE IRRADIATION AND ANNEALING OF N-TYPE GERMANIUM EFFECTS OF OPTICAL BLEACHING	AFOSR68-0214
BLENDING	
ANALYSIS OF SOME RANDOM BLENDING PROCESSES	AFOSR68-0639
BLOCH	
BLOCH EQUATION FOR CONDUCTION-ELECTRON SPIN RESONANCE	AFOSR67-0164
THE DIELECTRIC CONSTANT OF BLOCH ELECTRONS IN CROSSED ELECTRIC AND MAGNETIC FIELDS	AFOSR67-0591
RELATION BETWEEN LIPPMANN-SCHWINGER AND BLOCH SCATTERING THEORIES	AFOSR68-0890
BLOCK	
THE DESIGN OF A MORE COMPLEX BUILDING BLOCK FOR DIGITAL SYSTEMS	AFOSR67-0516
THE THEORETICAL INVESTIGATIONS OF THE BLOCK DESIGNS FINAL REPORT NOV 1968	AFOSR68-2606
THE PSYCHOPHYSICS OF THE KINESTHETIC AFTEREFFECT IN THE PETRIE BLOCK EXPERIMENT	AFOSR68-1989
BLOCK-CUTPOINT-TREE	
THE BLOCK-CUTPOINT-TREE OF A GRAPH	AFOSR67-0774
BLOCKING	
INHIBITORY ACTION OF ADRENERGIC BLOCKING AGENTS ON CATECHOLAMINE RELEASE AND UPTAKE IN ISOLATED NERVE GRANULES	AFOSR67-0500
BLOOD	
MICROSCOPIC BLOOD VESSELS IN THE MESENTERY	AFOSR67-0628
A NONLINEAR MODEL FOR BLOOD SUGAR CONTROL IN THE HUMAN BODY	ARL 67-1031
MATHEMATICAL MODEL FOR BLOOD SUGAR REGULATION	ARL 68-1265
THEORY OF THE SPHERING OF RED BLOOD CELLS	AFOSR68-1237
THE EFFECT OF OXYTOCIN AND ADRENALINE ON BLOOD FLOW IN THE HIND LIMB OF THE DOG FOLLOWING CHRONIC LUMBAR SYMPLECTOMY	AFOSR67-2572
THE NOTION OF THE PLASMA BETWEEN THE RED BLOOD CELLS IN THE BOLUS FLOW	AFOSR68-2359
RECEPTORS CONCERNED IN THE REGULATION OF THE BLOOD TITER OF VASOPRESSIN	AFOSR68-2702
FORMULATION OF STATISTICAL EQUATION OF NOTION OF BLOOD	AFOSR68-0468
MATHEMATICAL ANALYSIS OF LANDIS-TYPE EXPERIMENTS ON THE TRANSPORT OF FLUID ACROSS THE WALLS OF CAPILLARY BLOOD VESSELS	AFOSR68-2356

BLOOMINGTON

COMPUTATION IN LINGUISTICS A CASE BOOK INDIANA UNIVERSITY PRESS BLOOMINGTON 1966 FINAL REPORT 1966

AFOSR67-0825

BLOWING

BLOWING OF CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS

AFOSR67-2481

BLUE

ON THE BLUE END OF THE HORIZONTAL BRANCH IN GLOBULAR CLUSTERS
GREENLAND ICE CAP NOISE STUDIES PROJECT BLUE ICE FINAL REPORT JUNE 1968
LUMINOUS COLORS MOTIONS AND DISTRIBUTION OF FAINT BLUE STARS

AFOSR68-1046
AFOSR68-1940
AFOSR68-1998

BLUNT

BLUNT CONE ROLL DAMPING DERIVATIVE
APPLICATION OF BLUNT TRAILING EDGE BLADINGS TO SUPERSONIC COMPRESSOR STAGES FINAL REPORT MAY 1967
A FACILITY FOR BLUNT BODY RE-ENTRY FLOW SIMULATION
HYPERSONIC FLOW OF BLUNT DELTA WINGS AT LOW ANGLES OF ATTACK I SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION
VISCOSUS EFFECTS ON BLUNT CONES AT LOW REYNOLDS NUMBERS AND HYPERSONIC SPEED
APPLICATION OF THE BLUNT TRAILING EDGE BLADE CONCEPT TO LOW HUB TIP RATIO TRANSONIC SUPERSONIC COMPRESSOR: FINAL
NOTE ON THE CONCEPT OF BLUNT TRAILING EDGE BLADES
THE FLOW UPSTREAM OF A BLUNT BODY IN HYPERSONIC FLOW FROM CONTINUUM TO NEARLY FREE MOLECULE CONDITIONS
BOUNDARY-LAYER TRANSITION ON BLUNT BODIES-EFFECT OF ROUGHNESS
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I THE AND EXPERIMENTAL STUDY OF A 70 DEGREE BLUNT DELTA WING FOR
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE
ROTOR PERFORMANCE OF THE R32-II BLUNT TRAILING EDGE BLADE SUPERSONIC COMPRESSOR
VISCOSUS HYPERSONIC FLOW AROUND A BLUNT BODY
EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE SUPERSONIC COMPRESSOR ROTORS OF DIFFERENT BLADE THICKNESSES AND
PRESSURE DISTRIBUTION ON A 5.6 DEGREE BLUNT CONE AT MACH 14 FINAL REPORT NOVEMBER 1968
HYPERSONIC ROLL DAMPING DERIVATIVE OF A BLUNT CONE
LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL BLUNT BASE FROM THE HIGH ENTHALPY FLOW IN THE SHOCK TUBE
LAMINAR HEAT TRANSFER TO A TWO DIMENSIONAL BLUNT FLAT NOSED BODY IN TRANSONIC AND SUPERSONIC FLOW
THE HYPERSONIC ROLL DAMPING DERIVATIVE OF A BLUNT CONE FINAL REPORT JULY 1968
EXPERIMENTAL INVESTIGATION OF INTERACTIONS BETWEEN BLUNT FIN SHOCK WAVES AND ADJACENT BOUNDARY LAYERS AT MACH NUMBERS
AN EXPERIMENTAL STUDY OF HYPERSONIC RAREFIED FLOW OVER A BLUNT BODY
NUMERICAL CALCULATION OF THE LOW REYNOLDS NUMBER FLOW OVER A BLUNT WEDGE WITH REARWARD FACING STEP FINAL REPORT JULY
LAMINAR BOUNDARY-LAYER SEPARATION AND REAR-WAKE FLOW FOR A SMOOTH BLUNT BODY AT SUPERSONIC AND HYPERSONIC SPEEDS
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE
EFFECT OF THE REDUCTION OF THE PRANDTL IN THE STAGNATION REGION PAST AN ARISYMMETRIC BLUNT BODY IN HYPERSONIC FLOW
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I THE AND EXPERIMENTAL STUDY OF A 70 DEGREE BLUNT DELTA WING FOR

ARL 68-0314
ARL 67-0120
ARL 68-1126
AFOSR67-0005
ARL 67-1228
ARL 68-0110
ARL 67-0063
ARL 68-1109
AFOSR68-0092
AFOSR68-1035
AFOSR68-1036
AFOSR68-1837
ARL 68-0020
AFOSR68-0988
ARL 68-1228
ARL 68-0206
ARL 68-1408
ARL 67-0121
ARL 68-0014
ARL 68-0137
ARL 68-0214
AFOSR68-0744
ARL 67-0181
AFOSR67-2448
AFOSR68-1036
AFOSR68-1037
AFOSR68-2086
AFOSR68-1038

BLUNT-NOSED

BLUNT-NOSED MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR
BLUNT-NOSED MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR
A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES
A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES

AFOSR67-1885
AFOSR68-0804
ARL 67-0148
ARL 67-1213

BLUNTED

HYPERSONIC LAMINAR SEPARATION IN MINUTELY BLUNTED CONES IN SLIP FLOW
RESEARCH ON HYPERSONIC STABILITY DERIVATIVES IN PITCH FOR BLUNTED SLENDER CONES

AFOSR67-1507
ARL 68-1117

BLUNTNESS

NOSE BLUNTNESS, CONE ANGLE, AND MACH NUMBER EFFECTS ON THE STABILITY DERIVATIVES OF SLENDER CONES FINAL REPORT SEP 196
LEADING-EDGE BLUNTNESS AND BOUNDARY-LAYER DISPLACEMENT EFFECTS ON ATTACHED AND SEPARATED LAMINAR BOUNDARY LAYERS IN A
THE EFFECT OF SEVERE NOSE BLUNTNESS ON THE STABILITY OF SLENDER CONES IN HYPERSONIC FLOW
A DESTABILIZING EFFECT OF SEVERE NOSE BLUNTNESS

ARL 67-0188
ARL 68-1001
ARL 67-0101
ARL 67-0227

BODIES

BURBAUS PROBLEM OF THREE BODIES
INVESTIGATION OF OPTIMUM LIFTING BODIES
GENERALIZED NETWORK PARAMETERS FOR BODIES OF REVOLUTION
HYPERSONIC VISCOSUS FLOW OVER SLENDER BODIES HAVING SHARP LEADING EDGES
VISCOSUS HYPERSONIC FLOW PAST SLENDER BODIES AT INCIDENCE
HYPERSONIC VISCOSUS FLOW OVER SLENDER BODIES WITH SHARP LEADING EDGES
EXACT EQUATIONS OF MOTION FOR EXTENDED BODIES
THE STUDY OF PLASMA SURROUNDING REENTRY BODIES AND RESULTANT INTERACTION WITH MICROWAVE RADIATION FINAL REPORT APR
ON THE MAGNETOSPHERES OF SELF-GRAVITATING BODIES
SOLUTION OF THE RESTRICTED PROBLEM OF THREE BODIES BY POWER SERIES
UNSTEADY MAGNETOHYDRODYNAMIC FLOW PAST THIN BODIES WITH INWARDLY DIFFUSING MAGNETIC FIELD
COMPLETE SOLUTION OF A GENERAL PROBLEM OF THREE BODIES
THEORY OF ORBITS IN THE RESTRICTED PROBLEM OF THREE BODIES
NOTES ON KLEES PAPER POLYEDRAL SECTIONS OF CONVEX BODIES
ON MULTIPLE ORBITS IN THE RESTRICTED PROBLEM OF THREE BODIES
RESEARCH IN THE RESTRICTED PROBLEMS OF THREE AND FOUR BODIES
INCOMPRESSIBLE LAMINAR BOUNDARY LAYER PAST ELLIPTICAL BODIES
A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES
A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES
ELECTROMAGNETIC SCATTERING FROM CYLINDRICALLY AND SPHERICAL STRATIFIED BODIES
RESEARCH INTO THE SCATTERING OF ELECTROMAGNETIC ENERGY FROM HIGHLY CONDUCTING BODIES FINAL REPORT MAY 1967
APPROACH TO THE N-BODY PROBLEM WITH HARD SPHERE INTERACTION APPLIED TO THE COLLISION DOMAINS OF THREE BODIES
EFFECT OF BODY INCLINATION ON THE MERGING OF A HYPERSONIC LOW DENSITY FLOW OVER SHARP TWO-DIMENSIONAL LINEAR BODIES

AFOSR67-2162
ARL 67-1081
AFOSR68-0782
AFOSR67-1118
AFOSR68-2128
AFOSR68-2816
ARL 67-1327
AFOSR68-0239
AFOSR67-1282
AFOSR67-1281
AFOSR68-0400
AFOSR68-0339
AFOSR67-2817
AFOSR68-0247
AFOSR67-0378
AFOSR68-0912
AFOSR68-1744
ARL 67-0148
ARL 67-1213
AFOSR67-2846
AFOSR67-0329
AFOSR67-0067
ARL 68-1111

BODY

BODY AND FIELD PERCEPTUAL DIMENSION AND ALTERED SENSORY ENVIRONMENTS
MANY BODY THEORY AND QUANTUM FLUIDS FINAL REPORT JUNE 1968
SEISMIC BODY WAVES AND SURFACE WAVES
EFFECT OF BODY INCLINATION ON THE MERGING OF A HYPERSONIC LOW DENSITY FLOW OVER SHARP TWO-DIMENSIONAL LINEAR BODIES
CHANGES IN BODY WEIGHT AND INTAKE OF FOOD BY OCTOPUS VULGARIS
THEORY OF MANY BODY PROBLEM AND PARTICLE PHYSICS FINAL REPORT JAN 1968
HYPERSONIC LIFTING BODY OPTIMIZATION
A FACILITY FOR BLUNT BODY RE-ENTRY FLOW SIMULATION
ATTENUATION OF SEISMIC BODY WAVES IN THE MANTLE
THE SURFACE EFFECTS DUE TO BODY FORCES IN THE INTERIOR OF AN ELASTIC HALF-SPACE
THE FLOW UPSTREAM OF A BLUNT BODY IN HYPERSONIC FLOW FROM CONTINUUM TO NEARLY FREE MOLECULE CONDITIONS
VISCOSUS HYPERSONIC FLOW AROUND A BLUNT BODY
TRANSFER PROPERTIES OF THE LATERAL GENICULATE BODY
PRESSURE DISTRIBUTION ON A CONE-CYLINDER-FLARE BODY AT MACH 14 IN THE PRESENCE OF FLOW SEPARATION FINAL REPORT FEB
TRAVEL TIMES APPARENT VELOCITIES AND AMPLITUDES OF BODY WAVES
THE ELECTROSTATIC FIELD AROUND A SLENDER CONDUCTING BODY OF REVOLUTION

AFOSR67-0810
AFOSR68-1039
AFOSR68-0374
ARL 68-1111
AFOSR68-0191
AFOSR68-1741
ARL 68-1363
ARL 68-1126
AFOSR67-2886
AFOSR67-1287
ARL 68-1109
AFOSR68-0988
AFOSR67-2843
ARL 68-0032
AFOSR68-1449
AFOSR67-0615

DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS IN THE BODY FINAL REPORT MARCH 1967	AFOSR67-0844
A NONLINEAR MODEL FOR BLOOD SUGAR CONTROL IN THE HUMAN BODY	ARL 67-1031
DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE BODY	AFOSR68-0810
DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE BODY	AFOSR68-0809
LAMINAR HEAT TRANSFER TO A TWO DIMENSIONAL BLUNT PLAT NOSED BODY IN TRANSONIC AND SUPERSONIC FLOW	ARL 68-0014
AN EXPERIMENTAL STUDY OF HYPERSONIC REAPPLIED FLOW OVER A BLUNT BODY	AFOSR68-0744
THE STRESS INTENSITY FACTOR FOR A GRIFFITH CRACK IN AN ELASTIC BODY IN WHICH BODY FORCES ARE ACTING	AFOSR68-0813
DEPOLARIZATION OF OPTIC FIBER ENGINES IN THE LATERAL GENICULATE BODY	AFOSR68-2700
THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK IN AN ELASTIC BODY IN WHICH THERE IS AN ASYMMETRICAL DISTRIBUTION OF	AFOSR68-582
THE STRESS INTENSITY FACTOR FOR A PENNY-SHAPED CRACK IN AN ELASTIC BODY UNDER THE ACTION OF SYMMETRIC BODY FORCES	AFOSR68-0832
LAMINAR BOUNDARY-LAYER SEPARATION AND REAR-WAKE FLOW FOR A SMOOTH BLUNT BODY AT SUPERSONIC AND HYPERSONIC SPEEDS	AFOSR67-2448
AN INVESTIGATION OF THREE-DIMENSIONAL JET CONTROL INTERACTION ON A CONICAL BODY	ARL 68-1115
THE STRESS INTENSITY FACTOR FOR A GRIFFITH CRACK IN AN ELASTIC BODY IN WHICH BODY FORCES ARE ACTING	AFOSR68-0815
EFFECT OF THE REDUCTION OF THE PRANDTL IN THE STAGNATION REGION PAST AN ASYMMETRIC BLUNT BODY IN HYPERSONIC FLOW	AFOSR68-2005
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A GRIFFITH CRACK IN AN ELASTIC SOLID IN WHICH BODY FORCES ARE ACTING	AFOSR68-1760
THE STRESS INTENSITY FACTOR FOR A PENNY-SHAPED CRACK IN AN ELASTIC BODY UNDER THE ACTION OF SYMMETRIC BODY FORCES	AFOSR68-0832
RELATIONSHIP BETWEEN CORTICAL ACTIVITY AND THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE BODY	AFOSR67-2944
BOGOLUBOV	
ON THE CRITERIA FOR THE BEST BOGOLUBOV QUASI-PARTICLE	AFOSR68-1186
BOGOLUBOV-PARABUR-	
BOGOLUBOV-PARABUR-NEPP RENORMALIZATION THEOREM AND SPACELIKE REGULARIZATION	AFOSR67-2615
BOGOLUBOV	
ON THE EVOLUTION OF THE PROBABILITY DISTRIBUTION AND OF THE CORRELATION FUNCTIONS IN A BOGOLUBOV PLASMA	ARL 67-0103
BOLIVIAN	
CERENKOV LIGHT EXPERIMENT BOLIVIAN AIR SHOWER JOINT EXPERIMENT FINAL REPORT JAN 1968	AFOSR68-0179
STUDIES OF PRIMARY COSMIC RAYS IN THE ENERGY REGION 10-14 EV TO 10-17 EV /BOLIVIAN AIR SHOWER JOINT EXPERIMENT/	AFOSR68-0186
A MONTE CARLO SIMULATION OF THE NUCLEAR ACTIVE CASCADE IN EAS /ANALYSIS OF BOLIVIAN AIR SHOWER JOINT EXPERIMENT/	AFOSR68-0184
BOLTZMANN	
A NUMERICAL SOLUTION OF THE BOLTZMANN EQUATION FOR A TWO-DIMENSIONAL GAS	AFOSR67-2058
PROPAGATION OF CORRELATIONS IN A BOLTZMANN GAS	AFOSR67-1030
LOGARITHMIC DENSITY BEHAVIOR OF A NONEQUILIBRIUM BOLTZMANN GAS	AFOSR67-2665
CLOSED FORM FOR THE PERTURBATION TERMS OF THE LINEAR BOLTZMANN EQUATION	AFOSR67-1120
BOLUS	
THE MOTION OF THE PLASMA BETWEEN THE RED BLOOD CELLS IN THE BOLUS FLOW	AFOSR68-2359
BOMBARDING	
DEPTH OF PENETRATION OF BOMBARDING IONS INTO A SPUTTERED SURFACE FINAL REPORT FEB 1967	AFAL 67-0003
SCATTERING OF ALPHA PARTICLES BY OXYGEN I BOMBARDING ENERGY RANGE 8.0 TO 10.0 MEV	AFOSR68-0897
SCATTERING OF ALPHA PARTICLES BY OXYGEN II BOMBARDING ENERGY RANGE 10 TO 19 MEV	AFOSR68-0904
BOMBARDMENT	
EFFECTS OF ELECTRON BOMBARDMENT ON SINGLE-CRYSTAL CDSE AT 77 DEGREES K	ARL 67-0090
PREPARATION OF THIN SECTIONS BY ION BOMBARDMENT FOR TRANSMISSION ELECTRON MICROSCOPY	ARL 67-0249
ADDITION RADICALS FORMED BY HYDROXYL RADICAL BOMBARDMENT OF URACIL	AFOSR67-0018
RADIATION DAMAGE AND CHEMICAL REACTIONS INDUCED IN CRYSTALLINE SOLIDS BY HIGH-ENERGY PROTON BOMBARDMENT FINAL REPORT	AFCL68-0370
BOND	
A BENT BOND MODEL FOR THE VIBRATIONAL FORCE CONSTANTS OF NON-PLANAR IV SUB-THREE MOLECULES	AFOSR68-0-55
EFFECT OF BOND FORMATION ON ELECTRON SCATTERING CROSS SECTIONS FOR MOLECULES	AFOSR68-0210
THE METAL-METAL BOND DISSOCIATION ENERGY IN COBALT OCTACARBONYL	AFOSR67-1463
THE METAL-METAL BOND DISSOCIATION ENERGY IN MANGANESE CARBONYL	AFOSR67-1464
EFFECT OF WATER AND SOME OTHER HYDROGEN BOND DONORS AND ACCEPTORS ON PAM IN ACETONITRILE OF MIXTURES OF ACIDS AND	AFOSR67-2166
INSERTION OF CCL ₂ INTO THE SILICON-CARBON BOND OF SILACYCLOBUTANES	AFOSR67-0983
AN ASSESSMENT OF THE INFLUENCE OF A METAL-METAL BOND ON THE MOLECULAR GEOMETRY OF AN ORGANOMETALLIC LIGAND-BRIDGED	AFOSR67-0740
INTRAMOLECULAR ISOMERIZATION OF OCTAMERICAL COMPLEXES BY MECHANISMS NOT INVOLVING BOND RUPTURE	ARL 67-0095
HALOMETHYLMETAL COMPOUNDS XVII INSERTION OF HALOCARBENES INTO THE MERCURY-HALOGEN BOND	AFOSR68-2524
HALOMETHYLMETAL COMPOUNDS XVII THE MECHANISM OF DICHLOROCARBENE INSERTION INTO THE SI-H BOND BY THE MERCURIAL ROUTE	AFOSR68-1884
BONDING STUDIES OF ORGANOMETALLIC COMPOUNDS OF BORON AND E GROUP IV ELEMENTS. PART I. HEATS OF HYDROLYSIS AND BOND	AFOSR68-1528
BONDED	
THE STRUCTURE OF ELECTROLYTE SOLUTIONS IN HYDROGEN BONDED SOLVENTS	ARL 68-1087
NEW STUDIES OF THE ENERGY BAND STRUCTURE OF TETRAHEDRALLY- BONDED SEMICONDUCTORS AND SEMIMETALS	ARL 68-1409
BONDI	
GRAVITATIONAL FIELDS IN FINITE AND CONFORMAL BONDI FRAMES	ARL 67-0029
BONDING	
BONDING STUDIES OF ORGANOMETALLIC COMPOUNDS OF BORON AND E GROUP IV ELEMENTS. PART I. HEATS OF HYDROLYSIS AND BOND	AFOSR68-1528
INTRAMOLECULAR HYDROGEN BONDING OF AZO DYES IN AQUEOUS SOLUTION	AFOSR68-1321
STRUCTURAL CHEMISTRY AND BONDING IN INORGANIC COMPOUNDS FINAL REPORT DEC 1968	AFOSR68-2643
ORGANOMETALLIC SULFUR COMPLEXES X STRUCTURAL AND BONDING CHARACTERIZATION OF A TRIMERIC MERCAPTOCOBALT CARBONYL	AFOSR68-2461
BONDS	
RESTRICTED ROTATION AROUND PHOSPHORUS-NITROGEN BONDS	AFOSR68-2300
CX ₂ INSERTION INTO THE SILICON-MERCURY AND GERMANIUM-MERCURY BONDS	AFOSR67-0993
MOLECULAR PHOTOCHEMISTRY V PHOTOCYCLOADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS	AFOSR67-2185
THE OXIDATIVE CLEAVAGE OF ORGANOSILANES III OZONE AND THE SILICON-ALKYL -ARYL -HYDROGEN AND -OXYGEN BONDS	ARL 67-0079
CHEMICAL SHIFT NONEQUIVALENCE OF DIASSTEREOTOPIC PROTONS DUE TO RESTRICTED ROTATION AROUND ARYL-NITROGEN BONDS IN	AFOSR67-2453
BOOLEAN	
SEQUENTIAL BOOLEAN EQUATIONS	AFOS768-0651
MINIORIZATION OF BOOLEAN FUNCTIONS CONTAINING ARBITRARY PARAMETERS	AFOSR67-1891
ON THE THEORY OF BOOLEAN FORMULAS SUBSTITUTION REPLACEMENTS AND PRIME FORMULAS	AFCL67-0541

BONSTER
VALIDITY OF DETAILED BALLOON SOUNDINGS IN BONSTER VEHICLE DESIGN AFCL66-0606

BOOTS/STRAP
RECIPROCAL BOOTS/STRAP OF THE VECTOR AND TENSOR TRAJECTORIES FROM SUPERCONVERGENCE INVESTIGATION OF THE TWO BOOTS/STRAP AND THE DETERMINANTAL APPROXIMATION AFOSR66-2548
AFOSR66-2213

BORAZARENES
NEW METEOROLOGICAL COMPOUNDS XXVI SYNTHESIS OF BORAZARENES AFOSR66-0212

BORFL
A BORFL SET NOT CONTAINING A GRAPH 1968
THE DEPENDENCE CAPACITY OF FINITE BORFL FIELDS AFOSR66-2008
AFOSR67-1468

BORIDE
ON THE ALUMINUM BORIDE TYPE PHASES
THE CATALYTIC ACTIVITY OF NICKEL AND NICKEL BORIDE FOR FORMIC ACID DECOMPOSITION AFOSR67-1669
AFCL66-0160

BORN
MODIFIED BORN APPROXIMATION AND ELASTIC SCATTERING BY WEAK CENTRAL POTENTIALS
VELOCITY DEPENDENT ORBIT AND NUCLEON-NUCLEON SCATTERING PHASE SHIFT IN THE BORN APPROXIMATION
PREPARED OPTICAL ALPHA POTENTIALS FOR D. ALPHA REACTION CALCULATIONS BY THE DISTORTED-WAVE BORN APPROXIMATION AFOSR66-2580
AFOSR66-2559
ARL 66-1488

BORNE
BALLOON BORNE TELESCOPE FEASIBILITY STUDY AND DESIGN FINAL REPORT AUG 1967
A ROCKET BORNE AIR DENSITY MEASUREMENT SYSTEM UTILIZING ELECTRON-BREMSTRAHLUNG-CALIBRATION AND FLIGHT
INFRARED SOLAR SPECTRUM IN THE 1-10 REGION OBSERVED FROM A BALLOON BORNE SPECTROMETER AFCL67-0318
AFCL67-0613
AFCL66-0436

BORON
BORON ELEVEN PRODUCED BY 30KEV PROTONS ON CARBON 12
COMBUSTION OF BORON, MAGNESIUM, AND ALUMINUM SUSPENSIONS IN HYDROCARBON FUELS
THE NOMENCLATURE OF BORON COMPOUNDS
HEATS OF FORMATION OF BORON NITRIDE AND BORON FLUORIDE
THE HEAT OF FORMATION OF BORON TRIFLUORIDE BY DIRECT COMBINATION OF THE ELEMENTS
THE HEAT OF FORMATION OF BORON CARBIDE
STOPPING CROSS SECTIONS IN BORON OF LOW ATOMIC NUMBER ATOMS WITH ENERGIES FROM 15 TO 140 KEV
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS
HEATS OF FORMATION OF BORON NITRIDE AND BORON FLUORIDE
PRESSURE DEPENDENCE OF VISCOSITY LIQUID BORON TRIOXIDE
ABSORPTION OF POLAR COMPOUNDS ON AMORPHOUS BORON
BONDING STUDIES OF ORGANOMETALLIC COMPOUNDS OF BORON AND E GROUP IV ELEMENTS. PART I. HEATS OF HYDROLYSIS AND BOND
H AND P NUCLEAR MAGNETIC RESONANCE SPECTRA OF THE ADDUCT OF SUBSTITUTED BORON TRIFLUORIDE - MONOHYDRATE/
A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE REACTIONS IN THE SYSTEM BORON TRIFLUORIDE-METHANOL A MODIFIED
FURTHER COMMENTS ON THE PAPER ON THE INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM AMORPHOUS BORON/ AFOSR67-1979
ARL 66-1045
AFOSR66-2826
AFOSR67-1993
AFOSR67-2017
AFOSR66-1716
AFOSR67-1756
ARL 66-0319
ARL 66-1073
AFOSR67-1993
AFOSR66-2786
AFOSR67-0698
AFOSR66-1628
AFOSR67-1270
AFOSR67-2476
ARL 67-0248

BORON-FLUORINE
SOLVENT EFFECTS ON THE BORON-FLUORINE COUPLING CONSTANT AND ON FLUORINE EXCHANGE IN THE TETRAFLUOROBORATE ANION AFOSR66-1412

BOSE
THEORY OF A LOW-DENSITY BOSE LIQUID
VORTICES IN AN IMPERFECT BOSE GAS IV TRANSLATIONAL VELOCITY
QUANTIZED VORTICES IN AN IMPERFECT BOSE GAS AND THE BREAKDOWN OF SUPERFLUIDITY IN LIQUID HELIUM II
POINT TRANSFORMATIONS AND THE HARD-SPHERE BOSE GAS
FERMION IMPURITIES IN A WEAKLY INTERACTING BOSE GAS AFOSR66-2433
AFOSR67-0501
AFOSR66-0970
AFOSR66-2474
AFOSR66-2480

BOSE-CHAUDHURI-MOCCU
DECODING OF BOSE-CHAUDHURI-MOCCUENGHEN CODES AND PRONY'S METHOD FOR CURVE FITTING AFOSR66-0746

BOSON
STABILITY CONDITIONS FOR A BOSON SYSTEM INTERACTING WITH A PARTLY REPULSIVE AND PARTLY ATTRACTIVE POTENTIAL AFOSR67-0597

BOSONS
PION FROM FACTOR AND MASS SPECTRUM OF BOSONS AFOSR66-1269

BOTT-DUFFIN
A SHORT-CUT METHOD OF COMPUTING THE BRUNE AND BOTT-DUFFIN CIRCUIT REALIZATIONS OF POSITIVE REAL BI-ORDER IMMITTANCE AFCL67-0136

BOUND
BOUND STATES OF A RELATIVISTIC TWO-BODY HAMILTONIAN COMPARISON WITH THE BETHE-SALPETER EQUATION
LOWER BOUND ON THE DECAY RATE FOR MU PAIR PRODUCTION FROM THE ETA PARTICLE
A LOWER BOUND FOR DISCRIMINATION INFORMATION IN TERMS OF VARIATION
A LOWER BOUND FOR PERMANENTS OF $1/0.1$ -MATRICES
A LOWER BOUND FOR THE FIRST EIGENVALUE OF SECOND ORDER ELLIPTIC OPERATORS
AN UPPER BOUND ON AVERAGE ESTIMATION ERROR IN NONLINEAR SYSTEMS
ON THE UPPER BOUND OF THE PROBABILITY OF ERROR OF A LINEAR PATTERN CLASSIFIER FOR PROBABILISTIC PATTERN CLASSES
ON MARTIN'S LOWER BOUND FOR RESPONSE TIME OF IMPULSIVELY LOADED RIGID-PLASTIC STRUCTURES
EXCITED STATES OF BOUND EXCITON COMPLEXES IN CDS
ZEEMAN SPLITTING OF BOUND EXCITON EXCITED STATES IN CDS
EQUIVALENT FIELD THEORIES AND BOUND STATES
SPOT TESTS FOR THE DETECTION OF BOUND ARSENIC AND ANTIMONY
THE EFFECTIVE SHAPE OF THE COVALENTLY BOUND FLUORINE ATOM
EMISSION FROM EXCITED TERMINAL STATES OF BOUND EXCITON COMPLEXES
REMARKS ON THE RECENT LETTER OBSERVATION OF MAGOKAS BOUND STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS AFOSR67-1002
AFOSR66-0274
AFOSR67-1250
AFOSR66-0646
AFOSR66-2001
AFOSR66-2115
AFOSR66-1396
AFOSR66-1332
ARL 66-0229
ARL 67-1267
AFOSR66-1631
ARL 67-0087
AFOSR66-2757
ARL 66-1370
AFOSR67-1754

BOUND-STATE
BOUND-STATE OPERATOR IN THE LEE MODEL
AN APPROACH TO THE BOUND-STATE THREE-BODY PROBLEM WITH APPLICATION TO THE HELIUM-LIKE ATOM AFOSR66-2734
AFCL67-0165

BOUNDARIES
TWIN BOUNDARIES IN ALUMINUM ARL 66-0126

BOUNDARIES - CONTINUED

ROLE OF GRAIN BOUNDARIES IN ELECTRICAL POLARIZATION MEASUREMENTS
THE GEOMETRY OF CRYSTAL BOUNDARIES
WAVE INTERACTIONS WITH MOVING BOUNDARIES
EFFECTS OF STRUCTURAL INTERACTION BOUNDARIES FOR RANDOM EXCITATION
THERMAL CONDUCTIVITY MEASUREMENTS ON NYLON RODS AND NYLON- GREASE-COPPER BOUNDARIES

ARL 87-1157
ARL 87-1158
AFOSR67-2072
AFOSR68-0037
ARL 88-0283

BOUNDARY

BOUNDARY LAYER TRANSITION ON CONES AND SPHERES AT SUPERSONIC SPEEDS-EFFECTS OF ROUGHNESS AND COOLING
BOUNDARY LAYER INSTABILITY ON SWEEP WINGS /GERHAW/
BOUNDARY VALUE PROBLEMS AND THE POINCARÉ-LEFSCHETZ MAPPING
BOUNDARY LAYERS AND TURBULENCE-INTERNATIONAL SYMPOSIUM ON BOUNDARY LAYERS AND TURBULENCE INCLUDING GEOPHYSICAL
BOUNDARY PHENOMENA IN MHD GENERATORS
BOUNDARY VALUE PROBLEMS FOR WEDGES AND CONES UNDER HEAT CONDUCTION
BOUNDARY LAYER CHARACTERISTICS FOR HYPERSONIC FLOW WITH AND WITHOUT MASS ADDITION, FINAL REPORT JAN 1968
THE BOUNDARY BEHAVIOR OF THE BERGMAN KERNEL FUNCTION /FRENCH/
ON THE BOUNDARY THEORY FOR MARKOV CHAINS II
A FREE BOUNDARY PROBLEM FOR THE HEAT EQUATION WITH PRESCRIBED FLUX AT BOTH FIXED FACE AND MELTING INTERFACE
STRESS BOUNDARY VALUE PROBLEMS FOR INFINITE WEDGES
ON THE BOUNDARY POINT PRINCIPLE FOR ELLIPTIC EQUATIONS IN THE PLANE
ON MHD BOUNDARY LAYER APPROXIMATION METHODS
ON MHD BOUNDARY LAYER APPROXIMATION METHODS
THE FIRST BOUNDARY VALUE PROBLEM FOR CERTAIN LINEAR ELLIPTIC DIFFERENTIAL EQUATIONS INVOLVING TWO SMALL PARAMETERS
TWO-POINT BOUNDARY VALUE PROBLEMS OF LINEAR HAMILTONIAN SYSTEMS
INSULATOR BOUNDARY LAYERS IN A SUPERSONIC MAGNETOHYDRODYNAMIC CHANNEL
EXCEPTIONAL BOUNDARY POINTS FOR THE NONDIVERGENCE EQUATION WHICH ARE REGULAR FOR THE LAPLACE EQUATION - AND VICE-VERSA
THE BISHOPSON BOUNDARY VALUE PROBLEM AS APPLIED TO A MEMBRANE HAVING AN IRREGULAR SHAPE FINAL REPORT AUG 1967
ON SOME NONLINEAR BOUNDARY PROBLEMS FOR THE EQUATION OF MINIMAL SURFACES
THEORY OF ELLIPTIC BOUNDARY PROBLEMS FINAL REPORT MAY 1968
THE GENERATION OF A BOUNDARY LAYER IN HYDRODYNAMICS
VISCOUS AND THERMAL BOUNDARY LAYERS IN INCOMPRESSIBLE STEADY FLOWS ALONG LONGITUDINALLY CURVED SURFACES INCLUDING
SOLUTIONS OF LAMINAR BOUNDARY EQUATIONS WITH EMPHASIS ON SEPARATION, PART I - EXACT METHODS, PART II - INTEGRAL
GENERALIZED IMPEDANCE BOUNDARY CONDITIONS WITH APPLICATIONS TO SURFACE WAVE STRUCTURES
DISTRIBUTIONS AND THE BOUNDARY VALUES OF ANALYTIC FUNCTIONS
INFLUENCE OF IN-PLANE BOUNDARY CONDITIONS ON THE STABILITY OF CONICAL SHELLS UNDER HYDROSTATIC PRESSURE
NON-IDEAL MHD FLOWS IN BOUNDARY LAYER APPROXIMATION
A SHEAR-FREE TURBULENT BOUNDARY LAYER
INCOMPRESSIBLE LAMINAR BOUNDARY LAYER PAST ELLIPTICAL BODIES
INVESTIGATION OF GRAIN BOUNDARY ENERGISTICS IN ERBIUM OXIDE THIN FILMS BY TRANSMISSION ELECTRON MICROSCOPY
VARIATIONAL METHODS AND BOUNDARY PROBLEMS FOR ORDINARY LINEAR DIFFERENTIAL SYSTEMS
A SURVEY OF HIGHER-ORDER BOUNDARY-VALUE THEORY
THE NUMERICAL SOLUTION OF BOUNDARY LAYER PROBLEMS
SINGULAR PERTURBATIONS OF BOUNDARY VALUE PROBLEMS FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS INVOLVING TWO PARAMETERS
A STUDY OF THE CORE-MANTLE BOUNDARY USING P WAVE DIFFRACTION BY THE EARTH'S CORE
A THEORY FOR THE SLIP-FLow BOUNDARY CONDITIONS OVER A SURFACE DEFINED BY ARBITRARY GAS-SURFACE INTERACTION PARAMETERS
INTERACTION OF THE LAMINAR BOUNDARY LAYER WITH FREE-STRAIN TURBULENCE
THE STRUCTURE OF TURBULENT BOUNDARY LAYERS
THE LAMBDAS-METHOD FOR LINEAR BOUNDARY VALUE PROBLEMS
PROPERTIES OF THE CORE-MANTLE BOUNDARY AND OBSERVATIONS OF PCP
AN APPROXIMATE SOLUTION OF THE BOUNDARY LAYER EQUATIONS USING THE METHOD OF PARAMETRIC DIFFERENTIATION
ELEMENT STIFFNESS-MATRICES FOR BOUNDARY COMPATIBILITY AND FOR PRESCRIBED BOUNDARY STRESSES
THE METASTABLE SOLID-LIQUID PHASE BOUNDARY
INTERPOLATION WITH POLYNOMIALS TO BOUNDARY VALUES FINAL REPORT SEPT 1968
ASYMPTOTIC SOLUTIONS OF WAKES AND BOUNDARY LAYERS
AN EXPERIMENTAL STUDY OF TURBULENT BOUNDARY LAYER ON ROUGH WALLS
THIN ELASTIC PLATES AND SHELLS AND BOUNDARY VALUE PROBLEMS FINAL REPORT FEB 1968
AN APPROXIMATE SOLUTION OF VON MISES BOUNDARY LAYER EQUATION
THE AURORAL OVAL AND THE SCINTILLATION BOUNDARY
ON THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER THEORY AN EXAMPLE
GENERALIZED GREENS MATRICES FOR TWO-POINT BOUNDARY PROBLEMS
COMPRESSIBLE LAMINAR MAGNETOHYDRODYNAMIC BOUNDARY LAYER FLOW INSIDE A FLAT DUCT WITH HEAT TRANSFER
A STUDY OF THE STRUCTURE OF THE TURBULENT BOUNDARY LAYER WITH AND WITHOUT LONGITUDINAL PRESSURE GRADIENTS
GENERALIZED GREENS MATRICES FOR TWO-POINT BOUNDARY PROBLEMS
ON THE GKD MULTIMOMENT METHOD FOR LAMINAR BOUNDARY LAYERS
EXTREMAL PROBLEMS FOR FUNCTIONS OF BOUNDED BOUNDARY ROTATION
A COMPUTER STUDY OF AN ANALYTICAL MODEL OF BOUNDARY LAYER TRANSITION
COMPARISON THEOREMS FOR NONLINEAR ORDINARY BOUNDARY VALUE PROBLEMS
AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS USING THE TURBULENT KINETIC ENERGY EQUATION
QUASILINEARIZATION TECHNIQUE FOR SOLUTION OF BOUNDARY LAYER EQUATIONS
SHOCK GENERATION IN THE HYPERSONIC TURBULENT BOUNDARY LAYER
INTERACTION OF A CHEMICALLY REACTING LAMINAR BOUNDARY LAYER AND AN ABLATING SURFACE PART I ANALYSIS
CONCENTRATED FORCE IN EIGHTH-SPACE WITH MIXED BOUNDARY CONDITIONS
APPROXIMATE ANALYTICAL SOLUTIONS FOR NONSIMILAR BOUNDARY LAYERS
SOME ANALYTICAL METHODS FOR SOLVING A CLASS OF BOUNDARY VALUE PROBLEMS
THE INTERACTION OF A SHOCK WAVE WITH A LAMINAR BOUNDARY LAYER
STUDIES OF NITRIC OXIDE CHEMILUMINESCENCE USING BOUNDARY LAYER APPROXIMATIONS FINAL REPORT APR 1968
VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE II BOUNDARY VALUE PROBLEMS FOR THE MINIMAL SURFACE EQUATION
RECENT ADVANCES IN THE CALCULATION OF TURBULENT BOUNDARY LAYERS
RELATIONS BETWEEN THE CALCULUS OF VARIATIONS AND BOUNDARY VALUE PROBLEMS FINAL REPORT APRIL 1968
SIMILARITY SOLUTIONS FOR THE COMPRESSIBLE LAMINAR BOUNDARY LAYER WITH HEAT AND MASS TRANSFER
STRUCTURE OF VELOCITY SPACE-TIME CORRELATIONS IN A BOUNDARY LAYER
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 3 BOUNDARY VALUE PROBLEMS
SIMILARITY SOLUTIONS FOR THE RETARDED COMPRESSIBLE BOUNDARY LAYER WITH HEAT AND MASS TRANSFER FINAL REPORT MARCH 1967
PERTURBATION SOLUTIONS AND ASYMPTOTIC SOLUTIONS IN BOUNDARY LAYER THEORY
ON A CONVERGENT MULTI-MOMENT METHOD FOR THE LAMINAR BOUNDARY LAYER EQUATIONS
SPECTRUM OF P AND PCP IN RELATION TO THE MANTLE-CORE BOUNDARY AND ATTENUATION IN THE MANTLE
CONTROL OF A DISTRIBUTED PARAMETER SYSTEM WITH A FREE BOUNDARY
A FINITE-DIFFERENCE SOLUTION OF SIMILAR NONEQUILIBRIUM BOUNDARY LAYERS
FINITE DIFFERENCE SOLUTION OF THE LAMINAR COMPRESSIBLE BOUNDARY LAYER EQUATIONS IN THE VON MISES VARIABLES WITH
ASYMPTOTIC BEHAVIOR OF VELOCITY PROFILES IN THE PRANDTL BOUNDARY LAYER THEORY
BOUNDARY LAYERS AND TURBULENCE-INTERNATIONAL SYMPOSIUM ON BOUNDARY LAYERS AND TURBULENCE INCLUDING GEOPHYSICAL
QUASILINEARIZATION DIFFERENCE APPROXIMATION AND NONLINEAR BOUNDARY VALUE PROBLEMS
PRELIMINARY ANALYTICAL EXPLORATIONS OF HEAT TRANSFER FROM BOUNDARY LAYERS CONTAINING STREAMWISE VORTICES, FINAL REPORT
THEORETICAL AND EXPERIMENTAL STUDIES OF SHOCK WAVE-LAMINAR BOUNDARY LAYER INTERACTION IN THE STRONG INTERACTION REGIME
THE TRANSFER OF HEAT ACROSS A TWO-DIMENSIONAL, OSCILLATING BOUNDARY LAYER
SIMILARITY SOLUTIONS FOR TWO-DIMENSIONAL STEADY VISCOUS MHD BOUNDARY LAYERS
CONSIDERATIONS REGARDING THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER THEORY
REFLECTION AND TRANSMISSION FROM A PLANE LAYERED CORE- MANTLE BOUNDARY
ON THE FOURTH COEFFICIENT OF UNIVALENT FUNCTIONS WITH BOUNDED BOUNDARY ROTATION
P WAVE DIFFRACTION THEORY AND THE STRUCTURE OF THE CORE- MANTLE BOUNDARY
NUMERICAL EXPERIMENTS ON THE FORMATION OF A TORNADO FUNNEL IN THE BOUNDARY LAYER
THE CORRESPONDENCE PRINCIPLE OF LINEAR VISCOELASTICITY THEORY FOR MIXED BOUNDARY VALUE PROBLEMS INVOLVING
ELEMENT STIFFNESS-MATRICES FOR BOUNDARY COMPATIBILITY AND FOR PRESCRIBED BOUNDARY STRESSES
THE ASYMPTOTIC DISTRIBUTION OF EIGENVALUES AND EIGENFUNCTIONS FOR ELLIPTIC BOUNDARY VALUE PROBLEMS
DHARMAN-LINDELOF AND COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS WITH MIXED BOUNDARY CONDITIONS
GROUP VELOCITY DISPERSION DUE TO PULSE REFLECTION FROM A FREQUENCY-DEPENDENT BOUNDARY IMPEDANCE

AFOSR67-2048
AFOSR67-2004
AFOSR67-2715
AFOSR68-0285
AFOSR68-0859
AFOSR68-1042
ARL 88-0002
AFOSR68-2674
AFOSR67-0183
AFOSR67-1361
AFOSR68-0706
AFOSR68-2608
ARL 88-1802
ARL 88-1473
AFOSR67-2848
AFOSR68-0363
AFOSR68-1336
AFOSR68-2661
AFOSR67-1768
AFOSR68-2784
AFOSR68-1147
AFOSR68-0253
ARL 88-0222
ARL 87-0273
AFOSR67-0819
AFOSR67-1272
AFOSR67-1942
AFOSR67-0992
AFOSR67-2000
AFOSR68-1744
AFOSR68-2402
AFOSR68-2585
AFOSR67-2291
AFOSR67-2046
AFOSR67-2345
AFOSR67-1193
AFOSR67-1911
AFOSR68-0827
AFOSR68-0848
AFOSR67-0975
AFOSR68-0818
AFOSR67-1512
AFOSR67-1940
AFOSR68-1301
AFOSR68-2406
AFOSR68-2882
AFOSR67-0420
AFOSR68-0713
ARL 87-0052
AFOSR68-0380
AFOSR68-2033
AFOSR67-2505
AFOSR68-0598
AFOSR67-0605
AFOSR67-2505
ARL 87-1069
AFOSR68-0562
AFOSR68-0617
ARL 88-1248
AFOSR68-1568
AFOSR68-2407
ARL 87-0186
ARL 88-0029
AFOSR67-1303
ARL 87-0131
AFOSR68-0362
AFOSR68-1682
AFOSR68-0143
AFOSR68-0256
ARL 87-1067
AFOSR68-0966
ARL 87-0226
AFOSR67-0860
AFOSR67-2301
ARL 87-0054
ARL 88-0043
ARL 88-3040
AFOSR67-0879
AFOSR68-0215
AFOSR68-0462
ARL 87-0050
AFOSR68-2111
AFOSR68-0285
AFOSR68-2417
ARL 87-0280
ARL 87-0112
ARL 87-0290
AFOSR68-1326
AFOSR68-1914
AFOSR67-2147
AFOSR68-2614
AFOSR67-1180
AFOSR68-1443
AFOSR67-1940
AFOSR68-0173
AFOSR68-0283
AFOSR67-1702

BOUNDARY

- CONTINUED

AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A HIGHLY COOLED TURBULENT BOUNDARY LAYER
AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A HIGHLY COOLED TURBULENT BOUNDARY LAYER
AN EXPERIMENTAL STUDY OF TURBULENCE PRODUCTION NEAR A SMOOTH WALL IN A TURBULENT BOUNDARY LAYER WITH ZERO
EXPERIMENTAL INVESTIGATION OF INTERACTIONS BETWEEN BLUNT FIN SHOCK WAVES AND ADJACENT BOUNDARY LAYERS AT MACH NUMBERS
ENHANCEMENT OF DIFFUSION-LIMITED VAPORIZATION RATES BY CONDENSATION WITHIN THE THERMAL BOUNDARY LAYER I THE CRITICAL
PARAMETRIC REPRESENTATIONS OF GAS-SURFACE INTERACTION DATA AND THE PROBLEM OF SLIP-FLow BOUNDARY CONDITIONS WITH
A REPRESENTATION OF A BOUNDED FUNCTION AS INFINITE PRODUCT IN A DOMAIN WITH BERGMAN-SHILOV BOUNDARY SURFACES
EFFECT OF INITIAL IMPERFECTIONS ON THE INSTABILITY OF A RING CONFINED IN AN IMPERFECT RIGID BOUNDARY
LEADING-EDGE BLUNTNESS AND BOUNDARY-LAYER DISPLACEMENT EFFECTS ON ATTACHED AND SEPARATED LAMINAR BOUNDARY LAYERS IN A
AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF MASS TRANSFER ON A WEDGE INDUCED LAMINAR SEPARATED BOUNDARY LAYER AT
WORK DONE 1967/68 AT INNSBRUCK UNIVERSITY ON INSTABILITIES THE VLASOV EQUATION PARADAY GENERATORS AND BOUNDARY LAYER
A METHOD FOR FITTING LINEARLY SEGMENTED MULTI-LAYER ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER BOUNDARY

ARL 68-0091
ARL 68-0348
AFOSR68-0363
ARL 68-0214
AFOSR68-1202
AFOSR68-0884
AFOSR68-2602
AFOSR68-2672
ARL 68-1001
ARL 67-0169
AFOSR68-1323
AFCL67-0198

BOUNDARY-LAYER

BOUNDARY-LAYER TRANSITION ON BLUNT BODIES-EFFECT OF ROUGHNESS
BOUNDARY-LAYER ANALYSIS OF TWO-PHASE FLOW OVER AN OSCILLATING FLAT PLATE
A BOUNDARY-LAYER THEORY FOR CELLULAR CONVECTION
LAMINAR BOUNDARY-LAYER SEPARATION AND NEAR-WAKE FLOW FOR A SMOOTH BLUNT BODY AT SUPERSONIC AND HYPERSONIC SPEEDS
LAMINAR BOUNDARY-LAYER FLOW WITH MASS TRANSFER
ELIMINATION OF BOUNDARY-LAYER SEPARATION BY SLOT SUCTION
SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER BY THE GKO MULTIMOMENT METHOD, FINAL REPORT MAR 19
LEADING-EDGE BLUNTNESS AND BOUNDARY-LAYER DISPLACEMENT EFFECTS ON ATTACHED AND SEPARATED LAMINAR BOUNDARY LAYERS IN A
EQUILIBRIUM AIR STAGNATION POINT BOUNDARY-LAYER CALCULATIONS USING A VARIABLE HEAT OF DISSOCIATION MODEL
APPROXIMATE SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER
CLASS OF SOLUTIONS OF THE AXISYMMETRIC BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER
INJECTION EFFECTS IN HIGH PRANDTL NUMBER BOUNDARY-LAYER FLOWS
ENTROPY OF TURBULENT GAS MACROSCOPIC AND TURBULENT PARTS BOUNDARY-LAYER EXPRESSIONS FOR CelerITIES OF FILTERED
AN INVESTIGATION OF THE EFFECT OF SUCTION ON HYPERSONIC LAMINAR BOUNDARY-LAYER SEPARATION

AFOSR68-0092
ARL 67-0287
AFOSR67-2167
AFOSR67-2448
ARL 67-1254
ARL 68-1116
ARL 67-0048
ARL 68-1001
ARL 68-0349
ARL 68-0063
AFOSR68-2634
AFOSR68-2629
AFOSR68-0798
ARL 68-0084

BOUNDARY-VALUE

VARIATIONAL APPROACH TO BOUNDARY-VALUE PROBLEMS IN KINETIC THEORY
SOLUTION OF THE GEODETIC BOUNDARY-VALUE PROBLEM IN CASE OF A REFERENCE ELLIPSOID
ASYMPTOTIC SOLUTION OF INITIAL BOUNDARY-VALUE PROBLEMS FOR HYPERBOLIC SYSTEMS
LINEAR SOLUTIONS OF THE GEODETIC BOUNDARY-VALUE PROBLEM
SINGULAR INTEGRAL EQUATIONS WITH SPECIAL REFERENCE TO BOUNDARY-VALUE PROBLEMS FINAL REPORT JULY 1968
INSTABILITY AND NON-MONOTONICITY PHENOMENA IN DISCRETIZATIONS TO BOUNDARY-VALUE PROBLEMS

AFOSR67-0138
AFCL68-0158
AFCL68-0060
AFCL67-0044
AFOSR68-1616
AFOSR68-2508

BOUNDARY-VALUE

MODEL COMPUTATIONS FOR DIFFERENT SOLUTIONS OF THE GEODETIC BOUNDARY-VALUE PROBLEM

AFCL68-0164

BOUNDED

OPTIMAL BOUNDED CONTROL WITH LINEAR STOCHASTIC EQUATIONS AND QUADRATIC COST
WAVES IN BOUNDED PLASMAS FINAL REPORT MARCH 1967
ON RELATIVELY BOUNDED PERTURBATIONS OF ORDINARY DIFFERENTIAL OPERATORS
THE TURBULENT, BOUNDED WALL-JET A SOLUTION TO THE LINEARIZED EQUATIONS FINAL REPORT NOVEMBER 1968
GUIDED WAVES IN BOUNDED MEDIA WITH RANDOM GROSS INHOMOGENEITIES
APPROXIMATION BY BOUNDED ANALYTIC FUNCTIONS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE
ON THE SPECTRA OF BOUNDED HERMITIAN HANKEL MATRICES
AN APPROXIMATION TO BOUNDED PHASE COORDINATE CONTROL PROBLEM FOR LINEAR DISCRETE SYSTEMS
CONVEX SETS AND THE BOUNDED SLOPE CONDITION
HEAT CONDUCTION IN A BOUNDED ANISOTROPIC MEDIUM
A REPRESENTATION OF A BOUNDED FUNCTION AS INFINITE PRODUCT IN A DOMAIN WITH BERGMAN-SHILOV BOUNDARY SURFACES
TRANSIENT EXCITATION OF BOUNDED COLD MAGNETI-PLASMA
DECOMPOSITION THEOREM FOR BOUNDED UNIFORMLY CONTINUOUS FUNCTIONS ON A GROUP
THE FOURTH COEFFICIENT OF A BOUNDED REAL UNIVALENT FUNCTION
RELATIVISTICALLY INTERSTREAMING BOUNDED PLASMA INTERACTIONS
ION CYCLOTRON INSTABILITIES IN A BOUNDED BEAM-PLASMA SYSTEM
MAXIMAL IDEALS IN THE ALGEBRA OF BOUNDED HOLOMORPHIC FUNCTIONS
THE SET OF ASYMPTOTIC VALUES OF A BOUNDED HOLOMORPHIC FUNCTION
EXTREMAL PROBLEMS FOR FUNCTIONS OF BOUNDED BOUNDARY ROTATION
FOURIER COEFFICIENTS OF FUNCTIONS OF BOUNDED VARIATION
CONVERGENCE OF POISSON INTEGRALS FOR BOUNDED SYMMETRIC DOMAINS
RADIO LINKS AND ANTENNAS IN BOUNDED OR BOUNDED LOSSY MEDIA FINAL REPORT JAN 1967
FORCED OSCILLATIONS IN SECOND ORDER SYSTEMS WITH BOUNDED NONLINEARITIES
ON THE FOURTH COEFFICIENT OF UNIVALENT FUNCTIONS WITH BOUNDED BOUNDARY ROTATION
SCATTERING AND PROPAGATION OF ELECTROMAGNETIC WAVES IN BOUNDED PARAMETRICALLY MODULATED MEDIA
AN EXPERIMENTAL AND THEORETICAL STUDY OF WAVE MIXING IN A BOUNDED MAGNETOPLASMA

AFOSR67-0327
AFOSR67-1101
AFOSR68-2382
ARL 68-0304
AFCL67-0261
AFOSR68-2290
AFOSR68-2039
AFOSR67-1457
AFOSR68-2563
AFOSR68-1735
AFOSR68-2602
AFCL68-0348
AFOSR67-0263
AFOSR68-2616
AFOSR68-1083
AFOSR67-0462
AFOSR67-1362
AFOSR68-2832
AFOSR68-0062
AFOSR67-0344
AFOSR68-2736
AFCL67-0167
AFOSR67-2752
AFOSR68-2614
AFOSR68-1662
AFCL68-0437

BOUNDED-INPUT

BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DIFFERENTIAL SYSTEMS
BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DISCRETE CONTROL SYSTEMS

AFOSR68-0074
AFOSR68-2486

BOUNDESS

RADIO LINKS AND ANTENNAS IN BOUNDESS OR BOUNDED LOSSY MEDIA FINAL REPORT JAN 1967

AFCL67-0167

BOUNDS

BOUNDS FOR LINEAR FUNCTIONALS
BOUNDS AND MAXIMAL SOLUTIONS FOR NONLINEAR FUNCTIONAL EQUATIONS
BOUNDS FOR THE FUNDAMENTAL SOLUTION OF A PARABOLIC EQUATION
BOUNDS ON DIFFERENCES OF MEANS
BOUNDS ON THE VALUE OF A DIRICHLET INTEGRAL REPRESENTING A COEFFICIENT OF APPARENT MASS
BOUNDS FOR RATIOS AND DIFFERENCE OF MEANS
ERROR BOUNDS FOR CONVOLUTIONAL CODES AND AN ASYMPTOTICALLY OPTIMUM DECODING ALGORITHM
LOWER BOUNDS AND UNIQUENESS THEOREMS FOR SOLUTIONS OF DIFFERENTIAL EQUATIONS IN A HILBERT SPACE
LOWER BOUNDS FOR ERROR PROBABILITY FOR CODING ON DISCRETE MEMORYLESS CHANNELS II
LOWER BOUNDS FOR EIGENVALUES OF A QUADRATIC FORM RELATIVE TO A POSITIVE QUADRATIC FORM
ERROR BOUNDS FOR SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
RIGOROUS BOUNDS ON THE ERROR IN NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATIONS
ON ERROR BOUNDS FOR THE SOLUTION OF SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
AMPLITUDE BOUNDS ON PERIODIC AND APERIODIC OSCILLATIONS SECOND-ORDER SYSTEMS
HIGH-ENERGY BOUNDS FOR PRODUCTION REACTIONS
UPPER AND LOWER BOUNDS FOR SOLUTIONS TO THE TRANSPORT EQUATION
UPPER AND LOWER BOUNDS AND THE GENERALIZED VARIATION-PERTURBATION APPROACH OF MANY-ELECTRON THEORY
UPPER AND LOWER BOUNDS FOR THE FREQUENCIES OF RECTANGULAR CANTILEVER PLATES
PADE APPROXIMANTS AND BOUNDS ON THE BETHE-SALPETER AMPLITUDE
NONLINEAR OSCILLATIONS AMPLITUDE BOUNDS FOR SECOND-ORDER SYSTEMS
CONTINUED FRACTIONS AND UPPER AND LOWER BOUNDS IN THE PRILLQUIN WIGNER PERTURBATION SCHEME

AFOSR67-0824
AFOSR68-1952
AFOSR68-2061
ARL 67-0230
ARL 67-1276
ARL 68-1260
AFOSR67-1927
AFOSR67-2847
AFOSR68-2019
ARL 68-0274
ARL 68-1279
ARL 67-1258
ARL 67-1273
AFOSR67-1776
AFOSR68-2165
AFOSR67-0320
AFOSR68-2571
ARL 68-0273
AFOSR67-0548
AFOSR67-0816
AFOSR68-1817

NRACS

BRASS SCATTERING OF INFRARED RADIATION FROM COHERENT SPIN WAVES

AFCLRL7-0658

BRAIN

BRAIN STEM STIMULATION AND ETHOLOGICAL STUDIES ON BIRDS FINAL REPORT FEB 1967
BRAIN STEM STRUCTURES RESPONSIBLE FOR THE ELECTROENCEPHALOGRAPHIC PATTERNS OF DESYNCHRONIZED SLEEP
BRAIN STEM SYSTEMS AND BEHAVIOR FINAL REPORT JULY 1967
BRAIN STEM MECHANISMS OF SLEEP
BRAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL MECHANISMS AND SOCIAL PATTERNS UCLA FORUM IN MEDICAL SCIENCES
BRAIN FUNCTION VOLUME IV UCLA FORUM IN MEDICAL SCIENCES NUMBER 6 - PROCEEDINGS OF THE FOURTH CONFERENCE ON BRAIN
BRAIN STEM STIMULATION AND ETHOLOGICAL STUDIES ON BIRDS FINAL REPORT JAN 1966
ANALYSIS OF BRAIN WAVE RECORDS FROM GEMINI FLIGHT 67-7 BY COMPUTATIONS TO BE USED IN A THIRTY DAY PRIMATE FLIGHT
THE SLEEPING BRAIN
STUDY OF THE BRAIN MECHANISMS UNDERLYING THE CHANGES OF CONSCIOUSNESS AND THEIR ELECTROPHYSIOLOGICAL CORRELATES
ALTERATIONS OF BRAIN BIOCHEMISTRY AND DEVELOPMENT OF BEHAVIOR
ROLE OF VARIOUS BRAIN STRUCTURES ON PHYSIOLOGICAL FUNCTIONS FINAL REPORT DEC 1967
GREATER LOWERING OF BRAIN AND ADRENAL CATECHOLAMINES IN GROUP-HOUSED THAN IN INDIVIDUALLY-HOUSED MICE ADMINISTERED
STUDIES WITH RATS I. BRAIN MECHANISM IN FEAR SUPPRESSION II. COMPLEXITY AND STIMULUS CHOICE III. ACQUISITION LATENCY AND
SOME TECHNIQUES FOR THE ELECTRICAL BRAIN STIMULATION OF SMALL UNRESTRAINED ANIMALS
EFFECT OF P-CHLOROPHENYLANINE ON BRAIN NORADRENALINE IN MICE
VISCERAL APPETITE ACTIVITY EFFECTS ON BRAIN STEM RETICULAR FORMATION FINAL REPORT JULY 1966
DEFENSIVE BEHAVIOR AND THE AFTER EFFECTS OF BRAIN STIMULATION IN THE RING DOVE /STREPTOPELIA RISCORIA/
BIOCHEMISTRY AND PHYSIOLOGY OF DOPAMINE IN THE BRAIN FINAL REPORT FEB 1966
E ADRENERGIC ENDINGS AND VESICLES ISOLATED FROM BRAIN
EFFECT OF STRESS AND PARA-CHLOROPHENYLANINE UPON BRAIN SEROTONIN 5-HYDROXYTRYPTAMINE AND CATECHOLAMINES IN
DEEP SLEEP INDUCED BY ELECTRICAL STIMULATION OF THE BRAIN STEM AND CEREBRAL CORTEX
METABOLIC PATHWAYS OF DOPAMINE AND NORADRENALINE IN RABBIT BRAIN IN VITRO
STUDIES ON THE NEUROVEGETATIVE AND BEHAVIORAL FUNCTIONS OF THE BRAIN SEPTAL AREA
NOTES ON THE PHYSICAL STATE OF THE PRISONER OF WAR AS IT MAY AFFECT BRAIN FUNCTION
ELECTROCLINICAL EFFECTS OF SELECTIVE PHARMACOLOGICAL INACTIVATION OF THE BRAIN STEM AN EXPERIMENTAL STUDY
RAPID MODIFICATION OF ISOLATION-INDUCED AGGRESSIVE BEHAVIOR AND ELEVATION OF BRAIN CATECHOLAMINES AND SEROTONIN BY THE
STIMULUS-DEPENDENT ANTAGONISM OF THE ALPHA-METHYLTYROSINE- INDUCED LOWERING OF BRAIN CATECHOLAMINES BY LEVO
THE EFFECT OF PROPRIOLENE ON THE METABOLISM OF DOPAMINE AND NORADRENALINE IN RABBIT BRAIN IN VITRO

AFOSR67-1099
AFOSR67-1450
AFOSR67-2012
AFOSR67-2102
AFOSR68-1341
AFOSR68-1342
AFOSR68-2399
AFOSR67-1081
AFOSR67-2561
AFOSR68-2365
AFOSR68-2339
AFOSR68-0394
AFOSR68-1774
AML 67-0012
AFOSR67-0133
AFOSR68-1748
AFOSR68-0040
AFOSR68-0066
AFOSR68-0826
AFOSR67-1103
AFOSR68-1770
AFOSR68-0945
AFOSR68-0604
AFOSR68-0415
AFOSR68-1067
AFOSR67-0803
AFOSR68-2732
AFOSR68-2060
AFOSR68-2712

BRAINSTEM

REDUCTION OF NORADRENALINE IN THE LOWER BRAINSTEM BY PSYCHOLOGICAL STIMULUS

AFOSR68-2697

BREAKDOWN

BREAKDOWN MINIMA DUE TO ELECTRON-IMPACT IONIZATION IN SUPER-HIGH-PRESSURE GASES IRRADIATED BY A FOCUSED GIANT-PULSE
BREAKDOWN MECHANISMS FOR LASER-INDUCED DISCHARGES IN SUPER-HIGH-PRESSURE GASES
VOLTAGE BREAKDOWN CHARACTERISTICS OF MISSILE ANTENNAS FINAL REPORT MAY 1968
MAGNETIC BREAKDOWN IN THE LONG-DURATION PERIODS IN ZINC
STUDIES OF ANTENNA BREAKDOWN IN THE PRESENCE OF A PLASMA SHEATH INCLUDING EFFECTS OF FORCED CONVECTION
STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/
STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/
STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/ FINAL REPORT APR 1968
LASER INDUCED ELECTRICAL BREAKDOWN AND SHOCK DYNAMICS IN SUPER-HIGH-PRESSURE GASES
ROCKET ANTENNA MULTIFACTOR BREAKDOWN UNDER DYNAMIC PRESSURE CONDITIONS
AN EXPERIMENTAL STUDY OF THE BREAKDOWN CHARACTERISTICS OF MICROWAVE AND VHF ANTENNAS FINAL REPORT JULY 1968
EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
EXPERIMENTAL STUDIES OF PULSED MICROWAVE BREAKDOWN EFFECTS IN A HYPERSONIC AIR PLASMA FINAL REPORT FEB 1968
EFFECTS OF MULTIPLY-CHARGED GOLD IMPURITY ON THE BREAKDOWN VOLTAGE OF SILICON P-N JUNCTIONS
QUANTIFIED VORTICES IN AN IMPERFECT BOSE GAS AND THE BREAKDOWN OF SUPERFLUIDITY IN LIQUID HELIUM II
RADIATION PATTERNS OF A SLOT ANTENNA IN THE PRESENCE OF A BREAKDOWN SHEATH
A AND B PHYSICAL AND OPTICAL OBSERVATIONAL SPECTROSCOPY AND BREAKDOWN
EXPERIMENTAL INVESTIGATION OF MUTUAL ADMITTANCE AND MICROWAVE BREAKDOWN OF SLOT ANTENNAS
INPUT POWER INDUCED THERMAL EFFECTS RELATED TO TRANSITION TIME BETWEEN AVALANCHE AND SECOND BREAKDOWN IN P-N SILICON

AFOSR67-0762
AFOSR67-2497
AFOSR68-0336
AFOSR67-0434
AFOSR67-0190
AFOSR67-0302
AFOSR67-0829
AFOSR68-0823
AFOSR68-1613
AFOSR68-0195
AFOSR68-0450
AFOSR67-0867
AFOSR68-0086
AFOSR68-0145
AFOSR68-1115
AFOSR68-0070
AFOSR68-0601
AFOSR68-2309
AFOSR68-0578
AFOSR67-0767

BREAKUP

PLASMA DENSITY MEASUREMENT BY MOLECULAR ION BREAKUP
PLASMA DENSITY CONTOUR MEASUREMENTS USING MOLECULAR ION BEAM BREAKUP

AFOSR67-1024
AFOSR67-2211

BREATHING

COLLECTIVE NUCLEAR BREATHING MODE MODEL WITH APPLICATION TO SUBA HE MONOPOLE STATE
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS

AFOSR67-0025
ARL 68-1169
ARL 68-1382

BREMSSTRAHLUNG

RELATIVISTIC POSITRON-ELECTRON BREMSSTRAHLUNG AT WIDE ANGLES A NUMERICAL CALCULATION
MODEL-INDEPENDENT CONTRIBUTION IN PROTON-PROTON BREMSSTRAHLUNG

AFOSR67-1647
AFOSR67-2677

BREWSTER

BREWSTER ANGLE REFLECTION SPECTRUM FOR OPTICAL RESONANCES

ARL 68-0251

BRIDGE

A D-C PULSED BRIDGE FOR DIFFERENTIAL CAPACITY MEASUREMENTS
VALIDITY OF EVIDENCE ALLEGED TO DISTINGUISH PLANAR TETRAHEDRAL AND BRIDGE RADICALS
THE CLOSED LOOP CHARACTERISTICS OF AN AUTOMATIC DIRECT READOUT IMPEDANCE BRIDGE

AFOSR68-2270
AFOSR68-2909
AFOSR67-0180

BRIDGED

BRIDGED RINGS PART XI A NOVEL FRAGMENTATION
BRIDGED RING SYSTEMS--XIII THE SYNTHESIS OF CYCLOHEPTENE CARBOXYLIC ACIDS
THE REACTION OF CHLOROSULFONYL ISOCYANATE WITH BRIDGED BI- AND TRICYCLIC OLEFINS

AFOSR67-0110
AFOSR68-0733
AFOSR68-0664

BRIGHTNESS

BRIGHTNESS AS A FUNCTION OF RETINAL LOCUS IN THE LIGHT-ADAPTED EYE
PERCEIVED BRIGHTNESS AS A FUNCTION OF DURATION OF DARK-ADAPTATION
THE INFLUENCE OF RADIO BRIGHTNESS TEMPERATURE ON SOLAR FARE PREDICTION
GALLOON-BORNE OBSERVATIONS OF BRIGHTNESS VARIATIONS IN THE 1.27 MICRON BAND OF OXYGEN IN THE DAY AND TWILIGHT AIRGLOW
EXPERIMENTAL STUDY OF THE EFFECTS OF SURROUND BRIGHTNESS AND SIZE ON VISUAL PERFORMANCE FINAL REPORT SEP 1967
A NEW SPECTROPHOTOMETER FOR MEASURING ULTRAVIOLET SKY BRIGHTNESS AND DIRECT SOLAR RADIATION FINAL REPORT APR 1967
AN EXPERIMENTAL COMPARISON OF STIMULUS AND RESPONSE TRANSLATED POWER FUNCTIONS FOR BRIGHTNESS

AFOSR68-1651
AFOSR68-2554
AFOSR67-0670
AFOSR68-0157
ARL 67-0102
AFOSR67-0410
AFOSR68-0949

BRILLOUIN

BRILLOUIN LIGHT SCATTERING FROM CRYSTALS IN THE HYDRODYNAMIC REGION

AFOSR68-1785

BRILLOUIN

- CONTINUED

STIMULATED BRILLOUIN SCATTERING FINAL REPORT FEB 1968
EQUIVALENCE RESTRICTIONS AND THE BRILLOUIN CONDITION FOR HARTREE-FOCK WAVE FUNCTIONS
CONTINUED FRACTIONS AND UPPER AND LOWER BOUNDS IN THE BRILLOUIN WIGNER PERTURBATION SCHEME
CHARACTERISTICS OF THE STOKES EMISSION IN THE STIMULATED BRILLOUIN SCATTERING PROCESS
PHOTOELASTIC AMPLIFICATION OF LIGHT AND THE GENERATION OF HYPER SOUND BY THE STIMULATED BRILLOUIN PROCESS
APCRL66-0112
AFOSR66-0960
AFOSR66-1617
APCRL67-0081
APCRL66-0021

BROAD
THE ELECTROMAGNETIC SCATTERING OF BROAD BANDWIDTH RANDOM SIGNALS BY A DISCRETE TARGET
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS II APPLICATIONS
APCRL67-0602
AFOSR67-0046
AFOSR67-0431
AFOSR67-1202

BROAD-BAND
NARROW- AND BROAD-BAND PHOTOMETRY OF RED STARS I NORTHERN GIANTS
NARROW- AND BROAD-BAND PHOTOMETRY OF RED STARS II DWARFS
AFOSR67-2670
AFOSR66-2269

BROAD-RANGE
A BROAD-RANGE MAGNETIC SPECTROGRAPH SYSTEM FOR ROUTINE ANGULAR DISTRIBUTION DETERMINATIONS
AFOSR67-0446

BROADCASTING
NEWS BROADCASTING ON SOVIET RADIO AND TELEVISION
RADIO BROADCASTING IN COMMUNIST CHINA
AFOSR67-0957
AFOSR67-0953

BROADENING
DOPPLER BROADENING INTEGRALS
PRESSURE BROADENING AND SHIFT OF METHANE PERTURBED BY NOBLE GASES
PRESSURE BROADENING EFFECTS ON THE OUTPUT OF A GAS LASER
THE THERMAL BROADENING OF EXCITON LEVELS IN II-VI COMPOUND SEMICONDUCTORS
THE MEANING OF COLLISION BROADENING OF SPECTRAL LINES I THE CLASSICAL-OSCILLATOR ANALOG
LINE INTENSITY AND PRESSURE BROADENING STUDIES IN HYDROGEN FLUORIDE- AND OTHER PROBLEMS IN INFRARED SPECTROSCOPY FINAL
BASIC STUDIES REGARDING LINE BROADENING FINAL REPORT OCTOBER 1966
DIRECT OBSERVATION OF COLLISION BROADENING AND EFFECT OF RESONANT INTERACTIONS ON GAS-LASER TRANSITIONS
EXPERIMENTAL TESTS OF HYDROGEN B STARK BROADENING THEORY AT HIGH ELECTRON DENSITIES
THEORY OF EXCITONS IN LIQUIDS III NONRESONANT BROADENING OF IMPURITY SPECTRA IN SIMPLE LIQUIDS
DIRECT OBSERVATION OF HOLE-BURNING LORENTZ WIDTHS AND COLLISION BROADENING USING STIMULATED EMISSION TECHNIQUES
AFOSR67-0082
APCRL66-0421
AFOSR66-1976
ARL 66-1352
APCRL66-0489
APCRL67-0612
ARL 66-0366
AFOSR67-2629
ARL 66-1183
AFOSR66-0028
AFOSR67-2663

BROMIDE
A CALOMETRIC AND POTENTIOMETRIC STUDY OF MERCURIC BROMIDE SYSTEMS AT 25 DEGREES CENTIGRADE IN THREE MOLAR SODIUM
THE KINETICS OF INVERSION OF 2-METHYLBUTYLMAGNESIUM BROMIDE AND RELATED COMPOUNDS
THE KINETICS OF OXALATE ION PYROLYSIS IN A POTASSIUM BROMIDE MATRIX
NUCLEAR QUADRUPOLE RESONANCE INVESTIGATION OF NIOBIUM BROMIDE AND URANIUM IODIDE
STEREOCHEMICAL COURSE OF THE FREE-RADICAL ADDITION OF HYDROGEN BROMIDE TO 1-CHLORO-4-T-BUTYLCYCLOHEXENE
FIRST LIMIT OF THE HYDROGEN AND OXYGEN REACTION IN VESSELS COATED WITH BARIUM BROMIDE
AFOSR67-1312
AFOSR67-0087
AFOSR67-0541
AFOSR66-0566
AFOSR66-2584
AFOSR67-1990

BROMINE
A METHOD FOR TESTING AND IMPROVING MOLECULAR CONSTANTS OF DIATOMIC MOLECULES WITH SPECIAL REFERENCE TO BROMINE
AFOSR66-0667

BROMODICHLOROMETHYL
MALONETHYL METAL COMPOUNDS IX THE REACTION OF PHENYL BROMODICHLOROMETHYL MERCURY WITH ALCOHOLS
MALONETHYL-METAL COMPOUNDS VII THE REACTION OF PHENYL /BROMODICHLOROMETHYL/ MERCURY WITH CARBOXYLIC ACIDS
MALONETHYL-METAL COMPOUNDS XIV THE MECHANISM OF THE PHENYL /BROMODICHLOROMETHYL/ MERCURY-OLEFIN REACTION
MALONETHYL-METAL COMPOUNDS XIX FURTHER STUDIES OF THE ARYL /BROMODICHLOROMETHYL/ MERCURY-OLEFIN REACTION
AFOSR67-0201
AFOSR67-0049
AFOSR67-2491
AFOSR66-2606

BRONZE
SOME CHARACTERISTICS OF SODIUM TITANIUM BRONZE AND RELATED COMPOUNDS
SINGLE-CRYSTAL STUDIES OF ELECTRICAL CONDUCTIVITY SEEBECK EFFECT AND HALL VOLTAGE IN SODIUM VANADIUM BRONZE AND A
AFOSR67-1436
AFOSR66-1474

BRONZES
SOLID STATE STUDIES OF POTASSIUM MOLYBDENUM BRONZES
AFOSR67-2621

BROSYLATES
RATES OF SOLVOLYSIS OF 2-CYCLOPROPYLETHYL BROSYLATES
AFOSR66-2110

BUALDI
ON A COMBINATORIAL RESULT OF R A BUALDI AND M NEWMAN
AFOSR66-2276

BRUECKNER-FROMBERG
RELATION BETWEEN THE BRUECKNER-FROMBERG AND MOSANOV CLUSTER EXPANSIONS
AFOSR66-1009

BRUNE
A SHORT-CUT METHOD OF COMPUTING THE BRUNE AND BOTT-DUFFIN CIRCUIT REALIZATIONS OF POSITIVE REAL BI-ORDER INDUCTANCE
APCRL67-0136

BUBBLE
BUBBLE ANNIHILATION IN CAVITATION STREAMERS
VIBRATIONS OF AN ELECTRON BUBBLE IN LIQUID HELIUM
AFOSR66-2298
AFOSR66-2475

BUBBLER
OZONE SONDE BUBBLER TYPE FINAL REPORT JULY 1966
APCRL66-0409

BUCKLE
NONSYMMETRIC BUCKLE PATTERNS IN PROGRESSIVE PLASTIC BUCKLING
AN EXPERIMENTAL STUDY OF THE EFFECT OF LENGTH ON THE BUCKLE PATTERN OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS
AFOSR67-1269
AFOSR67-1981

BUCKLING
BUCKLING OF RADIIALLY CONSTRAINED CIRCULAR RING UNDER DISTRIBUTED LOADING
BUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHELLS
BUCKLING OF UNSTIFFENED CONICAL SHELLS UNDER COMBINED LOADING
BUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHELLS
AFOSR67-2508
AFOSR66-0066
AFOSR66-0629
AFOSR66-1468

THIN FILM CADMIUM SULFIDE SOLAR CELLS	ARL 67-1293
IMPROVEMENT OF CADMIUM SULFIDE THIN FILM SOLAR CELLS FOR SPACE VEHICLE TESTING FINAL REPORT DEC 1967	ARL 67-0288
FIELD EMISSION FROM CADMIUM SULFIDE	AFOSR67-0317
THE EDGE EMISSION BANDS IN CADMIUM SULFIDE	ARL 68-0233
ELECTRON RADIATION DAMAGE IN CADMIUM SELENIDE CRYSTALS	ARL 67-1339
DEFORMATION OF FILM THICKNESS OF CADMIUM SULFIDE UPON IN ENERGY CONVERSION WITH SOFT AND HARD X-RAY	ARL 67-1243
HIGH-PRESSURE METALLIC POLYMORPH OF CADMIUM ARSENIDE	AFOSR68-1306
GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE	ARL 67-1284
GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE	ARL 68-0299
GREEN EDGE EMISSION BANDS IN CHLORINE-DOPED CADMIUM SULFIDE	ARL 68-0300
NUCLEAR SPIN-LATTICE RELAXATION IN SEMICONDUCTING CADMIUM SULFIDE	ARL 68-1424
MEASUREMENT OF THE EPR PARAMETERS OF COGS IN CUBIC CADMIUM SULFIDE	ARL 67-1285
AN IMPROVED PLANAR FOR THE GROWTH AND TREATMENT OF CADMIUM SULFIDE SINGLE-CRYSTAL PLATELETS	ARL 67-0231
NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF CADMIUM SULFIDE	ARL 68-0294
CYCLotron RESONANCE INVESTIGATION OF THE PERBI SURFACE OF CADMIUM	AFOSR67-0437
ANALYTICAL TECHNIQUES FOR THE DETERMINATION OF TRACE IMPURITIES IN CADMIUM SULFIDE FINAL REPORT JAN 1968	ARL 68-0132
A STUDY OF THE 4928- AND 5058-A LINES IN THE LOW-TEMPERATURE EMISSION OF CADMIUM SULFIDE	ARL 68-1479
IN-TUNING FOR FUNCTIONAL READOUT OF CHROMOLUMINESCENT DATA APPLICATION TO CADMIUM ADSORPTION FROM IODIDE MEDIUM	AFOSR67-0700
ACUSTIC-SPHERIC OSCILLATIONS CURRENT SATURATION AND ELECTRON DRIFT MOBILITY IN CADMIUM SULFIDE CRYSTALS	AFOSR67-0285
DYSPROSTIC AND NONDIPROSTIC X-RAY FLUORESCENCE METHODS FOR THE DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE AND	ARL 68-1091
CADMIUM-SELENIDE	
ELECTRON RADIATION DAMAGE IN CADMIUM-SELENIDE CRYSTALS AT LIQUID-NITROGEN TEMPERATURE	ARL 67-0201
CADRE	
FROM REVOLUTIONARY TO REPUBLICAN: THE REGULARISATION OF CADRES	AFOSR68-0703
CAGE	
CAGE REACTIONS OF T-BUTOXY RADICALS EFFECTS OF VISCOSITY AND OF INTERVENING MOLECULES	AFOSR68-0436
CALCIUM	
ACCURATE C. MEASUREMENTS OF OPTICAL SECOND-HARMONIC GENERATION IN ARSENIC DIPHOSPHATE AND CALCIUM	AFOSR67-1401
CALCIUM	
THE KINETICS OF CALCIUM OXALATE HYDROLYSIS	AFOSR67-0540
CHARGE STRUCTURE OF THE CALCIUM ISOTOPES	AFOSR67-0911
EFFECTS OF MAGNESIUM AND CALCIUM IONS ON THE ADENOSINETRIPHOSPHATASE ACTIVITY OF INBECT ACTINOMYCIN AT LOW pH	AFOSR67-2249
NUCLEAR SPIN-LATTICE RELAXATION IN CALCIUM FLUORIDE CRYSTALS VIA PARAMAGNETIC CENTERS	AFOSR68-0836
IR-RAMANIC RELAXATION OF HYDRATE MELTS CALCIUM NITRATE TETRAHYDRATE	AFOSR67-2587
THE CRYSTAL STRUCTURE OF THE HEXAHYDRATED CALCIUM SALT OF HEXACANDISOBUTYLENE	AFOSR68-0483
NUCLEAR MAGNETIC RELAXATION IN RARE-EARTH-DOPED CALCIUM FLUORIDE CRYSTALS AT LOW TEMPERATURES	AFOSR67-0362
IONIC OBSERVATIONS OF THE GEL GROWTH OF DOPED AND UNDOPED CALCIUM TARTRATE CRYSTALS	AFOSR67-0304
PARAMAGNETIC-RESONANCE STUDY OF THE DYNAMIC JAHN-TELLER EFFECT IN CALCIUM FLUORIDE SCANDIUM TWO PLUS AND EUROPIUM	AFOSR67-1203
HIGH-FREQUENCY PARAMAGNETIC-RESONANCE STUDIES OF TRIVALENT DYSPRYSIUM IN CALCIUM FLUORIDE	AFOSR67-1005
IONIC POSITIVE ION AND TERN DOUBLE POSITIVE ION HYPERFINE FIELDS IN MAGNETIC ORDERED AND CALCIUM OXIDE	AFOSR67-2417
THE FLUORESCENT RESPONSE OF SODIUM IODIDE THERMAL CRYSTAL IODIDE THERMAL CRYSTAL IODIDE 500 MH AND CALCIUM FLUORIDE	AFOSR67-1932
CALCULATED	
CALCULATED MAGNETIC ELECTRON DRIFT VELOCITIES IN H ₂ /SURF/ O ₂ /SURF/ AIR AND C ₂ H ₂ /SURF/ FOR 10 E/P 10/10 THE 4TH	AFOSR67-0032
CALCULATED SPECIFIC YIELD FUNCTIONS FOR NEUTRON MONITORS FINAL REPORT JUNE 1968	AFOSR68-0330
CALCULATED RAMAUF-TOURNEAU EFFECT IN ALPHA PARTICLE-ALPHA PARTICLE COLLISIONS	AFOSR68-0850
COMPARISON BETWEEN EXPERIMENTAL AND CALCULATED SPECTRA OF CARBON DIOXIDE AND WATER VAPOR	AFOSR68-0105
ELECTRONIC STRUCTURE OF SI-VI AND SI-VI COMPOUNDS AS CALCULATED BY THE UPT METHOD	ARL 68-1349
EXPERIMENTAL DETERMINATION OF THE ELECTRON DENSITIES IN SOME OF THE SI-VI COMPOUNDS WITH THE THEORETICALLY CALCULATED	ARL 68-1354
CALCULATING	
ON A METHOD OF CALCULATING ENERGY BANDS FOR SEMI-CONDUCTORS	ARL 68-1090
A SIMPLE METHOD FOR CALCULATING VAN DER WAALS INTERACTIONS	AFOSR68-0825
A COMPUTER PROGRAM FOR CALCULATING SECTIONS OF THE RECTANGULAR LATTICE OF ANY CRYSTAL SYSTEM	ARL 68-0201
VELOCITY IN A DIGITAL SIMULATION OF THE POLAR PLANIMETER FOR CALCULATING AREAS OF ECHOES FROM RADAR WEATHER OBSERVATIONS	AFOSR68-0341
CALCULATION	
CALCULATION OF ELECTROMAGNETIC FIELDS IN THE FOCAL REGIONS OF A PARABOLIC RECEIVING OFF AXIS FINAL REPORT AUG 1967	AFOSR67-0400
CALCULATION OF EFFECT WAVE FREQUENCIES	AFOSR67-0509
CALCULATION OF ELASTIC CONSTANTS OF SODIUM FLUOSIL	AFOSR67-1021
CALCULATION OF TRANSMISSION PROBABILITIES FROM NONCOMPACT DYNAMICAL GROUPS	AFOSR67-2110
CALCULATION OF RELATIVISTIC TRANSMISSION PROBABILITIES AND FORM FACTORS FROM NONCOMPACT GROUPS	AFOSR67-2148
CALCULATION OF PHONON FREQUENCIES AND THERMODYNAMIC PROPERTIES OF CRYSTALLINE BCC NIOBIUM	AFOSR68-0167
CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL SHELLS OF	AFOSR68-0471
CALCULATION OF ELECTRON SHUT-OFF FOR ELEMENTS FROM 1 EQUAL WITH THE USE OF SELF-CONSISTENT-FIELD WAVE FUNCTIONS	AFOSR68-2447
CALCULATION OF TORSIONAL HARMONICS WITHOUT RECOURSE TO ELLIPTIC INTEGRALS	ARL 67-1275
CALCULATION OF THE IMAGINARY PART OF THE COMPLEX DIELECTRIC CONSTANT OF CO ₂	ARL 67-1269
A CALCULATION OF THE COHESIVE ENERGY AND ELASTIC CONSTANTS OF MAGNESIUM OXIDE	AFOSR67-1035
THE CALCULATION OF PARAMETERS OF THE ROBERTY EQUATION FOR ROTATORY DISPERSION DATA	AFOSR67-0536
THE CALCULATION OF MODEL STELLAR ATMOSPHERES	AFOSR67-1985
ON CALCULATION OF VIBRATIONAL TRANSITION PROBABILITIES IN MOLECULAR COLLISIONS	AFOSR68-2253
ENERGY CALCULATION OF THE METASTABLE STATE OF HELIUM ION AND LITHIUM	AFOSR67-1308
ON THE CALCULATION OF UNSTEADY NONLINEAR THREE-DIMENSIONAL SUPERSONIC FLOW PAST WINGS FINAL REPORT JAN 1968	AFOSR68-0517
NUMERICAL CALCULATION OF THE LOW REYNOLDS NUMBER FLOW OVER A BLUNT WEDGE WITH REARWARD FACING STEP FINAL REPORT JULY	ARL 67-0161
INVARIANT CALCULATION OF SOME TOTAL PROPERTIES OF ASYMPTOTICALLY FLAT SPACE TIME	ARL 67-1100
APPROXIMATE CALCULATION OF HIGHLY UNDEREXPANDED JETS	AFOSR67-0999
NOTE ON THE CALCULATION OF AN INTEGRAL	ARL 68-0086
ON NUMERICAL CALCULATION OF TRANSONIC FLOW PATTERNS	AFOSR68-2600
THE METHOD OF CALCULATION TABLES OF AMPLITUDE AND ANGLE OF THE MOVEMENTS OF THE EARTH IN QUALQUER SEISMOGRAPH	AFOSR67-0558
OPTICAL MODEL CALCULATION OF THE ELECTRONIC STATES OF MIXED DISORDERED SYSTEMS	AFOSR68-2301
PERFECT BARRIER CALCULATION	AFOSR68-0413
A CURRENT-ALGEBRA CALCULATION OF THE CHARGED RADIATIVE ETA DECAYS	AFOSR68-0123
A PSEUDOPOTENTIAL CALCULATION OF THE CO ₂ SE MIXED ALLOY SYSTEM	ARL 67-1080
CURRENT-COMMUTATOR CALCULATION OF THE K SUBE4 FORM FACTORS	AFOSR67-0059
AN ASYMPTOTIC FIELD CALCULATION IN THE PENUMBRA REGION	AFOSR67-0671
SELF-CONSISTENT OPR CALCULATION OF GASES USING BOTH SLATERS AND KOHN-SHAMS APPROXIMATIONS FOR THE EXCHANGE POTENTIAL	ARL 68-1481
RECENT ADVANCES IN THE CALCULATION OF TURBULENT BOUNDARY LAYERS	ARL 67-1067
COMPUTER PROGRAM FOR THE CALCULATION OF ELECTRIC FIELDS IN AN ELECTROFLUIDDYNAMIC GENERATOR FINAL REPORT AUGUST 1968	ARL 68-0156
NEW APPROXIMATION FOR THE CALCULATION OF NEUTRON SCATTERING FROM A SIMPLE LIQUID	AFOSR68-0731
USE OF ANALYTICITY IN THE CALCULATION OF NONRELATIVISTIC SCATTERING AMPLITUDES	AFOSR68-1630
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS	ARL 68-0047
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS	ARL 68-0189
DERIVATION OF EXPRESSIONS FOR CALCULATION OF LIMITING DETECTABLE ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE FLAME	AFOSR67-1302

CALCULATION

- CONTINUED

EFFECTIVE RADIUS OF A VACANCY AND THE CALCULATION OF SOLUBILITY LIMITS IN CRYSTALS OF HIGHLY IONIC PHASES OF THE
ON THE PROBLEM OF MULTIPLE SOLUTIONS IN THE CALCULATION OF FORCE CONSTANTS BY LEAST-SQUARES
PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY
PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY
CONVERGENCE STUDY OF A SELF-CONSISTENT ORTHOGONALIZED-PLANE-WAVE BAND CALCULATION FOR HEXAGONAL COS FINAL REPORT JAN
RELATIVISTIC POSITRON-ELECTRON BREMSSTRAHLUNG AT WIDE ANGLES A NUMERICAL CALCULATION
EXTENSION TABLES FOR THE U S STANDARD ATMOSPHERE 1962 WITH SPECIAL ATTENTION TO THE CALCULATION OF GEOPOTENTIAL

AFOSR66-2914
AFOSR66-0296
ARL 66-0260
ARL 66-0263
ARL 66-0007
AFOSR67-1647
AFOSR67-0335

CALCULATIONS

CALCULATIONS OF REFLECTED AND TRANSMITTED RADIANCE FOR EARTH'S ATMOSPHERE
CALCULATIONS OF THE DOUBLET-S GROUND STATE OF THE LITHIUM ATOM USING WAVE FUNCTIONS OF HYLLEBRAND-TYPE
SCALED AND CALCULATIONS ON THE HYDROGEN MOLECULE II
MONTE CARLO CALCULATIONS OF LIGHT SCATTERING FROM CLOUDS
SOLID-STATE CALCULATIONS IN UPPSALA
PRELIMINARY CALCULATIONS OF LOCAL MODES IN COS
ENERGY BAND CALCULATIONS
VALENCE SHELL CALCULATIONS ON POLYATOMIC MOLECULES II CNDO SCF CALCULATIONS ON MONOSUBSTITUTED BENZENES
SOME NUMERICAL CALCULATIONS FOR AN ELECTRIC ARC IN A CYLINDRICAL TUBE
QUANTUM-MECHANICAL CALCULATIONS ON THE NO PLUS O REACTION FINAL REPORT FEB 1968
SPECTRAL EMISSIVITY CALCULATIONS BY THE STATISTICAL MODEL APPLIED TO THE 4.3 MICRONS BAND OF CARBON DIOXIDE AT HIGH
CLASSICAL AND QUANTAL CALCULATIONS ON ELECTRON CAPTURE
COMPARISON OF NUMERICAL CALCULATIONS AND MEASURED SPACE-TIME RESOLVED PLASMA PROPERTIES OF A DYNAMICAL THETA PINCH
CONVERGENCE STUDY OF OPW CALCULATIONS FOR WURTZITE AND ZINC-BLENDE II-VI COMPOUNDS
SELF-CONSISTENT OPW BAND CALCULATIONS WITH SPECIAL COMMENTS ON SATURATED EARTH PLUGS
ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR A MODEL ATMOSPHERE
CONVERGENCE STUDY OF OPW BAND CALCULATIONS FOR WURTZITE AND ZINC-BLENDE CDE AND INTE
CONVERGENCE STUDY OF OPW BAND CALCULATIONS FOR WURTZITE AND ZINC-BLENDE CDE AND INTE
SELF-CONSISTENT OPW ENERGY BAND CALCULATIONS
EXCHANGE APPROXIMATIONS IN ENERGY BAND CALCULATIONS
COMPARISON OF ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR NO₂ IN CLEAR AND HAZY ATMOSPHERES
COMPUTER TECHNIQUES FOR MAKING SEPR'S LAW CALCULATIONS OF CONCENTRATIONS FROM SPECTRAL DATA
EXTRAPOLATION PROBLEM IN CURRENT-ALGEBRA CALCULATIONS OF THE PI PI SCATTERING LENGTHS
STUDY OF EXCHANGE APPROXIMATION IN OPW BAND CALCULATIONS FOR ZINC-BLENDE II-VI COMPOUNDS
EQUILIBRIUM AIR STAGNATION POINT BOUNDARY-LAYER CALCULATIONS USING A VARIABLE HEAT OF DISSOCIATION MODEL
DISCUSSION OF MOLECULAR ORBITAL AND BAND-THEORY CALCULATIONS
PREFERRED OPTICAL ALPHA POTENTIALS FOR D₂ ALPHA REACTION CALCULATIONS BY THE DISTORTED-WAVE BORN APPROXIMATION
VALIDITY OF THE RYTOV APPROXIMATION IN OPTICAL PROPAGATION CALCULATIONS
VALENCE SHELL CALCULATIONS ON POLYATOMIC MOLECULES II CNDO SCF CALCULATIONS ON MONOSUBSTITUTED BENZENES
GROUND STATES OF SIGMA-BONDED MOLECULES III. VALENCE-SHELL AND PI-ELECTRON SCF MO CALCULATIONS FOR CONJUGATED
NORMALIZED CUMULATIVE BLACKBODY FUNCTIONS, AND THEIR APPLICATIONS IN THERMAL RADIATION CALCULATIONS
ELECTRONIC STRUCTURE OF TETRAMORALLY-BONDED SEMICONDUCTORS - EMPIRICALLY-ADJUSTED OPW ENERGY BAND CALCULATIONS
ON THE CONVERGENCE PROPERTIES OF THE 1/2 EXPANSIONS AS FURNISHED BY VARIATIONAL PERTURBATION THEORY CALCULATIONS

AFOSR66-0860
AFOSR66-2870
AFOSR66-2568
AFOSR67-0421
AFOSR66-2660
ARL 67-1321
ARL 66-1407
AFOSR66-1149
ARL 66-0116
AFOSR66-0137
AFOSR67-2612
AFOSR67-0351
AFOSR67-0819
ARL 66-0303
ARL 66-1456
AFOSR67-0124
ARL 66-0302
ARL 66-1402
ARL 66-1425
ARL 66-1428
AFOSR66-0460
AFOSR67-0538
AFOSR67-1303
ARL 66-1406
ARL 66-0349
ARL 66-1406
ARL 66-1405
AFOSR67-0484
AFOSR66-1149
AFOSR66-1588
ARL 66-0255
ARL 66-1410
AFOSR66-1693

CALCULATORS

SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART I-THEORETICAL BACKGROUND AND APPLICATIONS
SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART II-PROGRAM MANUAL

AFOSR67-0392
AFOSR67-0393

CALCULUS

CALCULUS OF SET VALUED FUNCTIONS AND CONTROL
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF FIRST ORDER
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER
THE CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER
ADVANCED CALCULUS
A MODIFIED RESIDUE CALCULUS TECHNIQUE
RELATIONS BETWEEN THE CALCULUS OF VARIATIONS AND BOUNDARY VALUE PROBLEMS FINAL REPORT APRIL 1966
PARTIAL DIFFERENTIAL EQUATIONS CALCULUS OF VARIATIONS AND FLUID MECHANICS
EXISTENCE THEOREMS FOR LAGRANGE AND PONTRYAGIN PROBLEMS OF THE CALCULUS OF VARIATIONS AND OPTIMAL CONTROL MORE
AN APPROACH TO HEURISTIC PROBLEM SOLVING AND THEOREM PROVING IN THE PROPOSITIONAL CALCULUS
DERIVATIONS OF HIERARCHIES FOR N-PARTICLE SYSTEMS AND VLASOV SYSTEMS BY MEANS OF THE FUNCTIONAL CALCULUS

AFOSR66-1631
ARL 67-1182
ARL 66-1296
ARL 66-1281
ARL 66-1274
AFOSR66-0070
AFOSR66-0966
AFOSR66-1417
AFOSR66-1631
AFOSR66-0689
AFOSR67-1506

CALIBRATED

AN INTERNALLY CALIBRATED ELECTRON SPECTROMETER FOR ACCELERATOR ENERGY MONITORING

AFOSR66-0439

CALIBRATION

CALIBRATION AND USE OF AN ELECTRON MICROSCOPE FOR PRECISION MICROMEASUREMENTS IN THIN FILM MATERIALS
CALIBRATION AND DIFFERENTIAL FIELD MEASUREMENT OF HIGH MAGNETIC FIELDS BY MEANS OF A PERIODIC SIZE EFFECT IN CALCIUM
CALIBRATION OF THIN FILM RESISTANCE THERMOMETERS FOR HEAT FLUX MEASUREMENTS IN THE SHOCK TUBE
CALIBRATION STUDY FOR A SIX-DEGREE-OF-FREEDOM MAGNETIC BALANCE AND SUSPENSION SYSTEM
THE DYNAMIC LOW CYCLE TESTING MACHINE /DESIGN AND CALIBRATION/

AFOSR67-1933
AFOSR67-2157
ARL 67-0936
ARL 67-1230
AFOSR66-0267

CALIBRATIONS

GEMINI VII 1-15 CRYOGENIC INTERFEROMETER CALIBRATIONS

AFOSR67-0391

CALIFORNIA

THE PARKFIELD CALIFORNIA EARTHQUAKES OF 1966
CLAY MOBILITY PORTUGUESE BEND CALIFORNIA
EARTHQUAKE SEQUENCE OF SEPTEMBER 1965 NEAR ANTIOCH CALIFORNIA
HIERARCHICAL THEORY OF CONTROL PROCEEDINGS-UNIV SOUTHERN CALIFORNIA LOS ANGELES, JANUARY 30-FEBRUARY 1, 1967 450P NEW
PAST VERSUS PRESENT WIND ACTION IN THE NUJAVE DESERT REGION CALIFORNIA
HIGH ALTITUDE ATMOSPHERIC TRANSMITTANCE AS OBSERVED OVER NORTHERN CALIFORNIA
A MICRO-EARTHQUAKE SURVEY OF THE SAN ANDREAS FAULT SYSTEM IN SOUTHERN CALIFORNIA
AZIMUTH AND SLOWNESS ANOMALIES OF SEISMIC WAVES MEASURED ON THE CENTRAL CALIFORNIA SEISMOGRAPHIC ARRAY PART II
TENTH AFOSR CONTRACTORS MEETING ON ION AND PLASMA PROPULSION RESEARCH SAN DIEGO CALIFORNIA 3-5 APRIL 1967 /ABSTRACTS
SUMMARY OF PUBLISHED MEASUREMENTS FROM THE ATOMIC BEAM GROUP AT THE UNIVERSITY OF CALIFORNIA FROM APRIL 1962 TO MAY

AFOSR66-1446
AFOSR67-0234
AFOSR67-0888
AFOSR67-2846
AFOSR67-0683
AFOSR66-0605
AFOSR67-2143
AFOSR67-0586
AFOSR67-0694
AFOSR67-0661

CALLOSUM

MICROELECTRODE ANALYSIS OF TRANSFER OF VISUAL INFORMATION BY THE CORPUS CALLOSUM

AFOSR66-2714

CALOMETRIC

A CALOMETRIC AND POTENTIOMETRIC STUDY OF MERCURIC BROMIDE SYSTEMS AT 25 DEGREES CENTIGRADE IN THREE MOLAR SODIUM

AFOSR67-1312

CALORIMETRIC

CALORIMETRIC INVESTIGATION OF HYPERFINE INTERACTIONS IN RARE-EARTH METALS

AFOSR66-1470

CALORIMETRY	
CONSTANT PRESSURE PLANE CALORIMETRY WITH FLUORINE II THE HEAT OF FORMATION OF OXYGEN DIFLUORIDE	AFOSR68-1582
CAMBRIDGE	
CAMBRIDGE ATMOSPHERIC DENSITY NUMERICAL INTEGRATION PROGRAM CADNIP FINAL REPORT AUG 1967 FINAL RESULTS OF CAMBRIDGE AND CGI PENDULUM MEASUREMENTS	APCRL67-- 84 APCRL67-0584
CAMERA	
QUANTITATIVE REFLECTION ELECTRON DIFFRACTION IN AN ULTRA HIGH VACUUM CAMERA	AFOSR68-0557
CAMERON	
DISCUSSION OF PAPER BY H E RASSBACH A J DESSLER AND A G W CAMERON THE LUNAR PERIOD THE SOLAR PERIOD AND K SUB P	APCRL67-0202
CANPHORQUINONE	
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LII PHOTOREDUCTION OF CANPHORQUINONE	AFOSR68-1271
CAMPUS	
INFLUENCE OF A CAMPUS ENVIRONMENT ON STUDENT COMMITMENT TO A PARA-MILITARY ORGANIZATION FINAL REPORT OCT 1968	AFOSR68-1894
CANAL	
SEMICIRCULAR CANAL AND OTOLITHIC ORGAN FUNCTION IN FREE SWIMMING FISH FINAL REPORT SEPT 1968	AFOSR68-2150
CANCELLATION	
ON MODE CANCELLATION IN THE MULTIVARIABLE SYSTEM HIDDEN MODES AND POLE-ZERO CANCELLATION	AFOSR68-1696 AFOSR67-0828
CANCRI	
SPECTROPHOTOMETRY OF V7 CANCRI	AFOSR67-1055
CANONICAL	
ON CANONICAL FORMS AND SIMPLIFICATION ON THE COEFFICIENTS OF A WIENER CANONICAL EXPANSION FOR THE LIKELIHOOD FUNCTION OF A CONTINUOUS MARTINGALE GRAVITATIONAL SUPERENERGY AS A GENERATOR OF CANONICAL TRANSFORMATION NUMBER OPERATORS FOR REPRESENTATIONS OF THE CANONICAL COMMUTATION RELATIONS STATISTICAL MECHANICS OF FINITE SYSTEMS ASYMPTOTIC EXPANSIONS I TWO PETIT CANONICAL ENSEMBLES- /N V T/ AND N P T/	AFOSR68-1595 AFOSR67-1555 AFOSR68-0447 AFOSR68-1370 AFOSR67-1182
CAPABILITIES	
RECORDING CAPABILITIES OF SOME SPANISH SEISMOLOGICAL STATIONS DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES ENTITY TABLE DESIGN FINAL REPORT FEB 1968 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM PROGRAM MANUAL FINAL REPORT FEB 1968 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM OPERATORS MANUAL FINAL REPORT FEB DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES TIME-SHARING INPUT-OUTPUT EXECUTIVE /10X/	AFOSR67-2750 APCRL68-0128 APCRL68-0129 APCRL68-0130 APCRL68-0131
CAPACITANCE	
INTEGRATED VARIABLE CAPACITORS FOR LARGE CAPACITANCE VARIATIONS	AFOSR67-0130
CAPACITIVE	
AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS	AFOSR67-1593 AFOSR68-1178
CAPACITOR	
A CAPACITOR ANALOG MEMORY	AFOSR67-0711
CAPACITORS	
GROUNDING OF CAPACITORS IN INTEGRATED CIRCUITS INTEGRATED VARIABLE CAPACITORS FOR LARGE CAPACITANCE VARIATIONS	AFOSR67-1456 AFOSR67-0130
CAPACITY	
CAPACITY OF THE NEUROHYPOPHYSIS TO RELEASE VASOPRESSIN CAPACITY OF AN ADDITIVE GAUSSIAN COLORED NOISE CHANNEL WITH NOISELESS FEEDBACK ALLERTON CONFERENCE ON CIRCUIT AND HEAT CAPACITY OF ALPHA URANIUM AT A PRESSURE OF 10 KBAR BETWEEN 0.3 AND 6 DEGREES K HEAT CAPACITY IN THE CRITICAL REGION OF XENON CHANNEL CAPACITY OF MOORE AUTOMATA HYPERBOLIC CAPACITY AND INTERPOLATING RATIONAL FUNCTIONS II INFORMATION CAPACITY OF DISCRETE NOTOR RESPONSES UNDER DIFFERENT COGNITIVE SETS THE DEPENDENCE CAPACITY OF FINITE BOREL FIELDS EXPERIENCE AND CAPACITY VOL 4 OF A SERIES PROCEEDINGS OF THE FOURTH INTERNATIONAL INTERDISCIPLINARY CONFERENCE ON A CONNECTION BETWEEN CAPACITY AND POLARITY CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL SHELLS OF A D-C PULSED BRIDGE FOR DIFFERENTIAL CAPACITY MEASUREMENTS STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360	AFOSR68-0294 AFOSR68-2531 AFOSR67-0160 AFOSR68-0301 AFOSR68-2601 AFOSR68-0379 AFOSR67-1823 AFOSR67-1468 AFOSR68-2208 AFOSR68-2036 AFOSR68-0471 AFOSR68-2270 AFOSR68-0763
CAPILLARITY	
CHANGES IN MORPHOLOGY OF IONIC CRYSTALS DUE TO CAPILLARITY	AFOSR67-2296
CAPILLARY	
MATHEMATICAL ANALYSIS OF LANDIS-TYPE EXPERIMENTS ON THE TRANSPORT OF FLUID ACROSS THE WALLS OF CAPILLARY BLOOD VESSELS	AFOSR68-2358
CAPS	
ICE CAPS ON VENUS SPHERICAL CAPS AND RANDOM VALUED HARMONIC FUNCTIONS TORSIONAL VIBRATIONS OF HOMOGENEOUS AND SANDWICH SPHERICAL CAPS AND CIRCULAR PLATES	AFOSR68-1308 AFOSR68-1739 AFOSR67-1982
CAPTIVITY	
LIFE AND DEATH IN EXTREME CAPTIVITY SITUATIONS	AFOSR67-1020

CAPTURE

MUCH CAPTURE IN HELIUM-3
ELECTRON CAPTURE INTO THE METASTABLE g^2 STATE IN COLLISIONS OF PROTONS WITH HYDROGEN ATOMS
RADIATIVE CAPTURE BY IMPURITIES IN SEMICONDUCTORS
NEGATIVE-ION CAPTURE BY VORTEX LINES IN HELIUM II
STUDY OF THERMAL NEUTRON CAPTURE GAMMA RAYS USING A LITHIUM DRIFTED GERMANIUM SPECTROMETER
LEVELS IN DISUPPERIS THROUGH ALPHA CAPTURE BY CISUPPERIA
CORRECTIONS OF ORDER $1/n$ SUPER 2 TO CAPTURE
CLASSICAL AND QUANTAL CALCULATIONS ON ELECTRON CAPTURE
DETERMINATION OF NUCLEAR LEVEL PROPERTIES WITH PROTON CAPTURE REACTIONS
THE MEASUREMENT OF ELECTRON AFFINITIES BY THE GASEOUS ELECTRON CAPTURE TECHNIQUE

AFOSR66-1401
AFOSR66-2292
AFOSR66-0176
AFOSR66-0097
AFOSR67-0104
ARL 67-1038
AFOSR67-0914
AFOSR67-0361
ARL 68-1208
AFOSR66-1283

CARBANIONS

THE CHEMISTRY OF CARBANIONS X THE SELECTIVE ALKYLATION OF UNSYMMETRICAL KETONES
THE CHEMISTRY OF CARBANIONS XI THE POTASSIUM AND LITHIUM ENOLATES DERIVED FROM CYCLIC KETONES
THE CHEMISTRY OF CARBANIONS XII MICHAEL REACTIONS WITH 2-METHYLCYCLOHEXANONE AND 2-METHYLCYCLOHEXANONE
THE CHEMISTRY OF CARBANIONS XIII THE ROLE OF COPPER IN THE CONJUGATE ADDITION OF ORGANOMETALLIC REAGENTS
THE CHEMISTRY OF CARBANIONS XIV THE INTRAMOLECULAR ALKYLATION OF ETHYL RADICAL ANIONS
THE CHEMISTRY OF CARBANIONS XV THE NUCLEAR MAGNETIC RESONANCE SPECTRA OF VARIOUS METHYLMAGNESIUM DERIVATIVES AND
THE CHEMISTRY OF CARBANIONS XVI THE STEREOCHEMISTRY OF ALKYLATION OF 4-T-BUTYLCYCLOHEXANONE
THE CHEMISTRY OF CARBANIONS XVII FACTORS INFLUENCING THE RATE OF ADDITION OF DIMETHYLMAGNESIUM TO BENZOPHENONE
THE CHEMISTRY OF CARBANIONS XVIII THE ADDITION OF METHYL ORGANOMETALLIC REAGENTS TO CYCLOHEXENONE DERIVATIVES
THE CHEMISTRY OF CARBANIONS XIX THE STEREOCHEMISTRY OF ALKYLATION OF THE 1-ACETYL AND 1-CYANO DERIVATIVES OF
ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS II SPECTROSCOPIC EFFECTS OF PHENYL SUBSTITUTION IN BENZYL ANIONS
ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS I SPECTROSCOPIC EFFECTS OF METHYL GROUPS AND CORRESPONDING O RING
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXVII CARBANIONS AS INTERMEDIATES IN THE BASE-CATALYZED

AFOSR67-1423
AFOSR67-1427
AFOSR67-1431
AFOSR67-1438
AFOSR67-1433
AFOSR67-2679
AFOSR66-2485
AFOSR66-2486
AFOSR66-2487
AFOSR66-2627
AFOSR66-1092
AFOSR66-1166
AFOSR67-0360

CARBIDE

THE INVESTIGATION OF SILICON CARBIDE BY A TRAVELLING SOLVENT METHOD FINAL REPORT APR 1967
THE HEAT OF FORMATION OF BORON CARBIDE
THEORETICAL CONSTITUTION OF SILICON CARBIDE
GROWTH AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS FINAL REPORT FEB 1967
THE CONVERSION OF CUBIC TO HEXAGONAL SILICON CARBIDE AS A FUNCTION OF TEMPERATURE AND PRESSURE
GROWTH PROCESSING AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS
PROCESSING GROWTH AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS
GROWTH PROCESSING AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF SILICON CARBIDE
INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SILICON CARBIDE BY THE TRAVELLING SOLVENT AND OTHER METHODS
HIGH SUPERCONDUCTING TRANSITION TEMPERATURES IN THE MOLYBDENUM CARBIDE FAMILY OF COMPOUNDS

AFOSR67-0271
AFOSR66-1714
ARL 68-1403
AFOSR67-0218
AFOSR67-0436
AFOSR67-0857
AFOSR66-0166
AFOSR66-0543
ARL 68-1413
AFOSR67-0509
AFOSR67-2574

CARBIDES

THE HEATS OF FORMATION OF THE CARBIDES OF ALUMINUM AND BERYLLIUM
SUPERCONDUCTING PROPERTIES OF TRANSITION METAL CARBIDES & NITRIDES FINAL REPORT FEB 1968
SUPERCONDUCTING CRITICAL TEMPERATURES OF NONSTOICHIOMETRIC TRANSITION METAL CARBIDES AND NITRIDES

AFOSR66-1796
AFOSR66-0265
AFOSR67-0102

CARBON

THE CARBON 13 PROTON-NEUTRON REACTION NEAR THRESHOLD
NEW CARBON THIRTEEN INDICATORS IN STELLAR SPECTRA
INERT CARBON FREE RADICALS
REACTIONS OF CARBON VAPOR IV REACTIONS OF METASTABLE CARBON ATOMS /SUPER 1 5/ WITH OLEFINS SUPER 1.2
DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS
DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS FINAL REPORT MAR 1968
THE BINDING OF CARBON MONOXIDE BY HUMAN HEMOGLOBIN
DETERMINATION OF CARBON NITROGEN AND OXYGEN IN SILICON BY ACTIVATION ANALYSIS
CHEMISORPTION OF CARBON MONOXIDE ON MOLYBDENUM
THE DIFFUSION OF CARBON IN NICKEL ABOVE AND BELOW THE CURIE TEMPERATURE
DETERMINATION OF CARBON DIOXIDE LINE PARAMETERS USING A CARBON DIOXIDE - NITROGEN-HELIUM LASER
THE DIPOLE MOMENT OF CARBON MONOSULFIDE
PASSIVE Q-SWITCHING OF A CARBON DIOXIDE LASER
APPROXIMATE NATURAL ORBITALS FOR CARBON SUPER 13
RECALCULATION OF FORCE CONSTANTS IN CARBON AND SILICON COBALT TETRACARBONYLS
THE RADIATION CHEMISTRY OF GAS-PHASE CARBON TETRACHLORIDE- CARBON TETRAFLUORIDE MIXTURES
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXVII CARBANIONS AS INTERMEDIATES IN THE BASE-CATALYZED
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXIX RELATIONSHIPS BETWEEN POSITION OF PROTONATION OF ALLYLIC ANIONS
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXX BEHAVIOR OF PHENYLLALLYLIC ANIONS AND THEIR CONJUGATED ANIONS
BORON ELEVEN PRODUCED BY SLOW PROTONS ON CARBON 12
TWO K DWARFS WITH ENHANCED BANDS OF MOLECULAR CARBON
CRYSTAL STRUCTURE AND MOLECULAR MOTION OF SOLID CARBON DISULFIDE
THERMAL PRODUCTION OF A POPULATION INVERSION IN CARBON DIOXIDE
ENERGY DISTRIBUTION IN ELECTRONICALLY EXCITED CH AND CARBON IN LOW PRESSURE HYDROCARBON FLAMES
REACTIONS OF CARBON VAPOR IV REACTIONS OF METASTABLE CARBON ATOMS /SUPER 1 5/ WITH OLEFINS SUPER 1.2
PRODUCTION OF MOLECULAR NITROGEN/A TRIPLET SIGMA/ AND CARBON MONOXIDE /A TRIPLET PI/ BY MERCURY PHOTOSENSITIZATION
PRODUCTION OF NITROGEN MOLECULES /A-TRIPLET-SIGMA/ AND CARBON MONOXIDE /A-TRIPLET-PI/ BY MERCURY /SINGLET-P-/
GAS CHROMATOGRAPHIC SEPARATION OF CARBONYL FLUORIDE AND CARBON DIOXIDE
DETERMINATION OF CARBON DIOXIDE LINE PARAMETERS USING A CARBON DIOXIDE - NITROGEN-HELIUM LASER
COMPARISON BETWEEN EXPERIMENTAL AND CALCULATED SPECTRA OF CARBON DIOXIDE AND WATER VAPOR
STUDIES ON THE QUANTUM YIELDS OF THE PHOTOISSOCIATION OF CARBON MONOXIDE FROM HEMOGLOBIN AND MYOGLOBIN
THE RADIATION CHEMISTRY OF GAS-PHASE CARBON TETRACHLORIDE- CARBON TETRAFLUORIDE MIXTURES
LEAST-SQUARES ADJUSTMENT OF ANHARMONIC POTENTIAL CONSTANTS APPLICATION TO CARBON DIOXIDE CONTAINING ISOTOPES 12 AND 13
SPECTRAL EMISSION CALCULATIONS BY THE STATISTICAL MODEL APPLIED TO THE 4.3 MICRONS BANDS OF CARBON DIOXIDE AT HIGH

AFOSR67-2397
AFOSR67-1121
ARL 68-0060
AFOSR66-2900
AFOSR67-0155
AFOSR66-0170
AFOSR66-2730
AFOSR67-0227
AFOSR67-1695
AFOSR67-2774
AFOSR66-2119
AFOSR66-2650
AFOSR66-1184
AFOSR66-1129
AFOSR66-1783
ARL 68-1330
AFOSR67-0360
AFOSR67-0429
AFOSR67-0447
AFOSR67-1979
AFOSR66-2138
AFOSR66-1813
ARL 68-0167
AFOSR66-1577
AFOSR66-2900
AFOSR66-1420
AFOSR66-2605
AFOSR66-0461
AFOSR66-2119
AFOSR66-0105
AFOSR67-1691
ARL 68-1330
AFOSR66-0207
AFOSR67-2612

CARBON-METAL

CARBON-METAL HYPERCONJUGATION IN METALLOCENES HYDROGEN EXCHANGE IN PHENYLPERFEROCENE

AFOSR66-0432

CARBONIUM

RADICAL CARBONIUM IONS CARBONIUM ION RADICALS AND OXY RADICALS
REARRANGEMENT OF CARBONIUM IONS AND FREE RADICALS IN THE BICYCLO /3.1.0/ MEXYL SYSTEM
RADICAL CARBONIUM IONS CARBONIUM ION RADICALS AND OXY RADICALS
THE CHEMISTRY OF METALLOCENES I CARBONIUM ION STABILIZATION BY THE FERROCENYL GROUP
RADICAL-IONIC REACTION MECHANISMS MONOLYSIS OF THE CARBONIUM ION T-BUTYL TROPENIUMPERACETATE

AFOSR66-2089
AFOSR67-1552
AFOSR66-2089
AFOSR67-1514
AFOSR67-0220

CARBONYL

SYNTHESIS OF RHODIUM CARBONYL AND IRIUM CARBONYL
REACTIONS OF RHENIUM CARBONYL DERIVATIVES WITH ANTIMONY PENTACHLORIDE
GAS CHROMATOGRAPHIC SEPARATION OF CARBONYL FLUORIDE AND CARBON DIOXIDE
SYNTHESIS OF RHODIUM CARBONYL AND IRIUM CARBONYL
PHOTOCHEMICAL TRANSFORMATIONS OF SMALL RING CARBONYL COMPOUNDS X PHOTODISULFURATION OF DISBENZOTILBENE EPISULFIDE
CRYSTAL STRUCTURE OF A 1:1 MIXTURE OF TWO IRON CARBONYL SULFUR COMPLEXES
POLYFLUORINATED AROMATIC ESTERS PREPARATION AND CARBONYL STRETCHING FREQUENCIES
MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS I METAL CARBONYL COMPLEXES OF TRIS /DIMETHYLAMINO/ PHOSPHINE

AFOSR66-0351
AFOSR66-0687
AFOSR66-0461
AFOSR66-0351
AFOSR67-2656
AFOSR67-0727
AFOSR67-1987
AFOSR66-1712

CARBONYL

- CONTINUED

TUNGSTEN-PHOSPHORUS SPIN-SPIN COUPLING IN TUNGSTEN CARBONYL DERIVATIVES	AFOSR68-1860
COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATES IV METAL CARBONYL COMPLEXES OF CIS-BIS-1 2-DIPHENYLPHOSPHINO/ ETHYLENE	AFOSR68-1709
THE METAL-METAL BOND DISSOCIATION ENERGY IN MANGANESE CARBONYL	AFOSR67-1444
COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES III METAL CARBONYL COMPLEXES OF 9-PHENYL-9-PHOSPHABICYCLO /4.2.1/	AFOSR68-0693
ORGANOMETALLIC SULFUR COMPLEXES IX STRUCTURE OF A HEXANUCLEAR COBALT CARBONYL SULFUR COMPLEX CONTAINING A	AFOSR67-2191
ELECTRON SPIN RESONANCE OF SEMIQUINONES SPIN-DENSITY DISTRIBUTION AND CARBONYL SIGMA-PI PARAMETERS	AFOSR68-0688
ORGANOMETALLIC SULFUR COMPLEXES XII STRUCTURE OF A HEXAMERIC MERCAPTOCOBALT CARBONYL SULFIDE COMPLEX	AFOSR68-2431
ORGANOMETALLIC SULFUR COMPLEXES XI PREPARATION AND STRUCTURE OF A PENTAMERIC MERCAPTOCOBALT CARBONYL COMPLEX	AFOSR68-2735
ORGANOMETALLIC SULFUR COMPLEXES X STRUCTURAL AND BONDING CHARACTERIZATION OF A TRIMERIC MERCAPTOCOBALT CARBONYL	AFOSR68-2461
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS XI SOME CIS-1 2-ETHYLENEDITHIOLATE DERIVATIVES OF MANGANESE CARBONYL	AFOSR68-1711
CARBONYLATION	
CHEMISTRY OF THE METAL CARBONYLS PART XL CARBONYLATION OF RUTHENIUM TRICHLORIDE	AFOSR67-2287
CARBONYLS	
CHEMISTRY OF THE METAL CARBONYLS PART XL CARBONYLATION OF RUTHENIUM TRICHLORIDE	AFOSR67-2287
CHEMISTRY OF THE METAL CARBONYLS PART XLIII PERFLUOROALLENYL-RHENIUM AND IRON COMPLEXES	AFOSR68-0889
CHEMISTRY OF THE METAL CARBONYLS PART XLV REACTIONS BETWEEN HEXAFLUOROBUTA-1 3-DIENE AND THE PENTACARBONYL HYDRIDES OF	AFOSR68-1333
CHEMISTRY OF THE METAL CARBONYLS PART XLVI PERFLUOROBUTADIENYL IRON RHENIUM AND MANGANESE COMPLEXES	AFOSR68-1335
CHEMISTRY OF THE METAL CARBONYLS PART XLIV REACTIONS OF PENTACARBONYLRHENIUM	AFOSR68-1336
CHEMISTRY OF THE METAL CARBONYLS XLVIII COMPLEXES OF DEWAR HEXAFLUOROBENZENE	AFOSR68-2140
CHEMISTRY OF THE METAL CARBONYLS PART XLIX DICARBONYL-PI- CYCLOPENTADIENYL RUTHENIUM FLUOROCARBON COMPLEXES	AFOSR68-2814
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS IX SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH PI-CYCLOPENTA-	AFOSR67-0990
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS X SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH	AFOSR68-0691
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS XI SOME CIS-1 2-ETHYLENEDITHIOLATE DERIVATIVES OF MANGANESE CARBONYL	AFOSR68-1711
REACTIONS OF ALKALI METAL DERIVATIVES OF METAL CARBONYLS VIII PREPARATION PROTONATION AND ALKYLATION OF SODIUM	AFOSR67-0608
APPROXIMATE FORCE CONSTANTS FOR TETRAHEDRAL METAL CARBONYLS AND NITROSOLS	AFOSR67-0233
MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS III ORGANOSULFUR DERIVATIVES OF METAL CARBONYLS	AFOSR68-1710
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVI POLYNUCLEAR CYCLOPENTADIENYLMETAL CARBONYLS OF IRON AND COBALT	AFOSR67-0699
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS	AFOSR67-2726
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS II	AFOSR68-0506
CARBOXYL	
CONFORMATIONAL ANALYSIS XV THE CONFORMATIONAL ENTHALPY ENTROPY AND FREE ENERGY OF THE CARBOXYL CARBOXYLATE	AFOSR68-0975
CARBOXYLATE	
NONPLANAR CYCLOBUTANE-II THE METHYL 3-ISOPROPYLCYCLOBUTANE- CARBOXYLATE SYSTEM	AFOSR67-2098
CONFORMATIONAL ANALYSIS XV THE CONFORMATIONAL ENTHALPY ENTROPY AND FREE ENERGY OF THE CARBOXYL CARBOXYLATE	AFOSR68-0975
CARBOXYLATES	
INTERMEDIATES IN ANODIC OXIDATION OF CARBOXYLATES CHRONOPOTENTIOMETRY	AFOSR68-2910
CARBOXYLIC	
A NEW REACTION OF THIONYL CHLORIDE WITH A CARBOXYLIC ACID IN THE PRESENCE OF A TERTIARY AMINE AN X-RAY	AFOSR67-2857
BRIDGED RING SYSTEMS-XIII THE SYNTHESIS OF CYCLOHEPTENE CARBOXYLIC ACIDS	AFOSR68-0733
HALOMETHYL-METAL COMPOUNDS VII THE REACTION OF PHENYL /BROMODICHLORMETHYL/ MERCURY WITH CARBOXYLIC ACIDS	AFOSR67-0049
CARDIAC	
ENERGETICS OF CARDIAC CONTRACTIONS	AFOSR68-1717
HEAT PRODUCTION IN A CARDIAC CONTRACTION	AFOSR68-1692
CONTROL OF VENTRICULAR FIBRILLATION DURING INDUCED HYPOTHERMIA IN CATS AFTER DIFFERENTIAL DEPLETION OF CARDIAC	AFOSR68-1015
CARLO	
MONTE CARLO CALCULATIONS OF LIGHT SCATTERING FROM CLOUDS	AFCL67-0421
MONTE CARLO ANALYSIS OF SEARCHLIGHT SCATTERING MEASUREMENTS	AFCL68-0311
A MONTE CARLO SIMULATION OF THE NUCLEAR ACTIVE CASCADE IN EAS /ANALYSIS OF BOLIVIAN AIR SHOWER JOINT EXPERIMENT/	AFOSR68-0188
A MONTE CARLO SIMULATION OF AIR SHOWER CORES	AFOSR68-2400
THREE-DIMENSIONAL MONTE CARLO SIMULATION OF EXTENSIVE AIR-SHOWERS	AFOSR68-0574
STUDY OF POLARIZATION OF ATMOSPHERIC SCATTERED LIGHT USING MONTE CARLO METHODS	AFCL68-0310
CARNEA	
PHYTOCHEMICAL STUDY OF THE PSYCHOMINETIC SPECIE IPOMEA CARNEA /SPANISH/	AFOSR68-2762
CARRIER	
AMBIPOLAR CARRIER TRANSPORT AND SURFACE RECOMBINATION VELOCITY IN SEMICONDUCTOR SURFACE LAYERS	AFOSR67-2269
PHONON EFFECTS ON CARRIER TRANSITIONS AT IMPURITY CENTERS	ARL 68-1358
CARRIERS	
MOBILITY OF CHARGE CARRIERS IN MUSTITE	ARL 68-0287
SPATIAL DISTRIBUTION OF EXCESS CARRIERS IN ELECTRON-BEAM EXCITED SEMICONDUCTORS	AFOSR67-1657
INVESTIGATIONS ON THE ROLE OF ELECTRON CARRIERS IN PHOTOSYNTHESIS IN CELL-FREE SYSTEMS FINAL REPORT MAY 1967	AFCL67-0442
CARRYING	
CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL SHELLS OF	AFOSR68-0471
FUNCTIONAL PROPERTIES OF A HEMOGLOBIN CARRYING HERE ONLY ON ALPHA CHAINS	AFOSR68-2791
HYDROMAGNETIC WAVES IN THE IONOSPHERE PROPAGATION THROUGH INHOMOGENEOUS AND CURRENT CARRYING REGIONS	AFCL67-0236
CASCADE	
CASCADE DECODING OF CYCLIC PRODUCT CODES	AFOSR68-1505
A CASCADE ARC CHAMBER FOR VERY HIGH POWERS	ARL 68-0343
HIGH SPEED CASCADE TESTING AND ITS APPLICATION TO AXIAL FLOW SUPERSONIC COMPRESSORS	ARL 68-1015
STALL PROPAGATION IN A CASCADE OF AIRFOILS	AFOSR68-2306
IMPROVEMENT OF THE HIGH POWER CASCADE ARC CHAMBER	ARL 68-0342
A MONTE CARLO SIMULATION OF THE NUCLEAR ACTIVE CASCADE IN EAS /ANALYSIS OF BOLIVIAN AIR SHOWER JOINT EXPERIMENT/	AFOSR68-0184
DETERMINATION OF CROSS SECTIONS FROM MEASUREMENTS ON CYLINDRICAL CASCADE ARCS	ARL 67-0283
CASCADES	
TERNARY CELLULAR CASCADES	AFOSR68-1889
CASE	
A CASE OF TRANSIENT ANISOTROPY DURING THE RECOVERY PHASE OF A FORBUSH DECREASE	AFOSR67-0795

LOWPR CASE N SUBSCRIPT J MIXING IN ORIENTED 4 SUPERSUBSCRIPT 2 P SUBSCRIPT G- HALF POTASSIUM ATOMS INDUCED BY COLLISIONS	AFOSR66-1073
COMPUTATION IN LINGUISTICS A CASE BOOK INDIANA UNIVERSITY PRESS BLOOMINGTON 1966 FINAL REPORT 1966	AFOSR67-0528
MORE ON UNCERTAINTY FEEDBACK THE BANLIMITED CASE	AFOSR66-2448
THE POLITICAL ECONOMICS OF SOCIAL RESEARCH THE CASE OF SOCIOLOGY	AFOSR66-0879
SOLUTION OF THE GEODETIC BOUNDARY-VALUE PROBLEM IN CASE OF A REFERENCE ELLIPSOID	AFOSR66-0158
THEORY OF MAGNETIC HYPERFINE AND ZEEMAN INTERACTIONS FOR MUONS CASE	AFOSR66-0144
WILCOXON CONFIDENCE INTERVALS FOR LOCATION PARAMETERS IN THE DISCRETE CASE	AFOSR67-1409
AN INTERTEMPORAL ANALYSIS OF THE DEFENSE IMPACT UPON A LOCAL COMMUNITY CASE STUDY OF EL PASO COUNTY COLORADO 1941 1965	ARL 66-0001
THE REACTION OF PHENYL/TRIHALOMETHYL/MERCURIALS WITH HEXAMETHYLODITIN THE FIRST CASE OF DIALOCARBENE INSERTION INTO A	AFOSR67-1658
STRIPS REPRESENTATIONS OF DISTRIBUTIONS OF QUADRATIC FORMS IN NORMAL VARIABLES II NON-CENTRAL CASE	AFOSR67-0406
CASVILLEJO-DALITZ-DY	
POSSIBLE ONE-CHANNEL CASTILLEJO-DALITZ-DYSON POLES IN π AND SCATTERING	AFOSR67-0475
CASTRATION	
EFFECTS OF CASTRATION OF THE INHIBITION OF FLASHING IN FIREFLIES	AFOSR66-2709
CATALOGUE	
RE-EXAMINATION OF THE SOURCE COUNTS FOR THE 3C REVISED CATALOGUE	AFOSR66-1087
CATALYSIS	
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR Y HALIDE AND ACETATE ION CATALYSIS OF THE SOLVOLYSIS OF	AFOSR66-0711
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR II CONCOMITANT ELECTROPHILIC AND NUCLEOPHILIC CATALYSIS OF THE	AFOSR67-0031
CATALYST	
MOSSBAUER EFFECT SPECTRA OF A SUPPORTED IRON CATALYST	AFOSR67-2473
MOSSBAUER EFFECT SPECTRA OF AMMONIA ADSORPTION ON A SUPPORTED IRON CATALYST	AFOSR67-2472
THE LOW TEMPERATURE OXIDATION OF AMMONIA OVER A SUPPORTED RUTHENIUM CATALYST	AFOSR67-2601
CATALYSTS	
THE TEXTURE OF CHROMIUM OXIDE CATALYSTS	AFOSR66-0655
REACTIVE INTERMEDIATES AND POTENTIAL CATALYSTS FINAL REPORT FEB 1967	AFOSR67-0412
POLYMERIZATION OF VINYLCHLORIDE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS	AFOSR67-2844
POLYMERIZATION OF STYRENE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM VANADIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS	AFOSR67-2643
CATALYTIC	
CATALYTIC HYDROGENATION AND HYDROGENOLYSIS BY PENTACYANOCOBALTATE /II/	AFOSR66-1882
THE CATALYTIC ACTIVITY OF NICKEL AND NICKEL BORIDE FOR FORMIC ACID DECOMPOSITION	AFOSR66-0160
A METHOD FOR DETERMINING CATALYTIC EFFICIENCY OF SURFACES	AFOSR67-2246
NEW ANIONIC REARRANGEMENTS III CATALYTIC REARRANGEMENT OF ORGANOSILYLHYDRAZINES	AFOSR67-2377
CATALYZED	
CATALYZED THERMAL DECOMPOSITION OF AMMONIUM PERCHLORATE	AFOSR66-2633
REACTIONS CATALYZED BY PENTACYANOCOBALTATE /II/	AFOSR66-0503
NEW ANIONIC REARRANGEMENTS IV KINETICS OF CATALYZED ANIONIC REARRANGEMENT OF BIS/ORGANOSILYL/METHYLHYDRAZINES	AFOSR67-2376
CATECHOLAMINE	
CATECHOLAMINE EXCRETION IN ADRENO-DENOVULATED RATS EXPOSED TO COLD AFTER CHRONIC GUANETHIDINE TREATMENT	AFOSR67-0501
SOME FACTORS AFFECTING CATECHOLAMINE UPTAKE STORAGE AND RELEASE IN ADRENERGIC NERVE GRANULES	AFOSR66-0872
MECHANISM OF DRUG-INDUCED CATECHOLAMINE RELEASE FROM ADRENERGIC NERVE GRANULES	AFOSR66-0867
PERSONALITY CORRELATES OF CATECHOLAMINE EXCRETION UNDER STRESS	AFOSR66-2166
THE EFFECT OF COLD EXPOSURE ON THE CATECHOLAMINE EXCRETION OF RATS TREATED WITH DECABORANE	AFOSR67-0502
INHIBITORY ACTION OF ADRENERGIC BLOCKING AGENTS ON CATECHOLAMINE RELEASE AND UPTAKE IN ISOLATED NERVE GRANULES	AFOSR67-0500
METATYROSINE AS A TOOL FOR SELECTIVE PROTECTION OF CATECHOLAMINE STORES AGAINST RESERPINE	AFOSR66-2710
CATECHOLAMINES	
CATECHOLAMINES IN NERVE AND ORGAN GRANULES	AFOSR67-0112
THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT JULY 1967	AFOSR67-2735
THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT SEPT 1968	AFOSR66-2087
GREATER LOWERING OF BRAIN AND ADRENAL CATECHOLAMINES IN GROUP-HOUSED THAN IN INDIVIDUALLY-HOUSED MICE ADMINISTERED	AFOSR66-1774
STIMULUS-DEPENDENT ANTAGONISM OF THE ALPHA-METHYLTYROSINE- INDUCED LOWERING OF BRAIN CATECHOLAMINES BY LEVO	AFOSR66-2060
EFFECT OF STRESS AND PARA-CHLOROPHENYLALANINE UPON BRAIN SEROTONIN 5-HYDROXYIN-DOLEACETIC ACID AND CATECHOLAMINES IN	AFOSR66-1770
CATEGORICAL	
ALGEBRA AUTOMATA II THE CATEGORICAL FRAMEWORK FOR DYNAMIC ANALYSIS	AFOSR66-0454
ALGEBRA AUTOMATA I PARALLEL PROGRAMMING AS A PROLEGOMENA TO THE CATEGORICAL APPROACH	AFOSR66-0453
CATEGORIZATION	
THE CATEGORIZATION AND EVALUATION OF SEQUENCES OF TWO-LEVEL FRACTIONAL FACTORIAL PLANS	ARL 66-1290
PATTERN RECOGNITION APPLIED TO COUGH CATEGORIZATION	AFOSR67-2137
THE EFFECTS OF FAMILIARITY ON THE PERCEPTUAL RECOGNITION AND CATEGORIZATION OF VERBAL INFORMATION	AFOSR67-1806
CATECHOLAMINES	
RAPID MODIFICATION OF ISOLATION-INDUCED AGGRESSIVE BEHAVIOR AND ELEVATION OF BRAIN CATECHOLAMINES AND SEROTONIN BY THE	AFOSR66-2732
CATHODE	
IMPROVED CATHODE SYSTEMS FOR HIGH-ENERGY PRIMARY BATTERIES	AFOSR66-0205
RETROGRADE CATHODE SPOT BEHAVIOR IN LOW DENSITY ARCS, FINAL REPORT SEP 1967	ARL 67-0194
RETROGRADE CATHODE SPOT BEHAVIOR IN LOW DENSITY ARCS	ARL 67-1076
PHENOMENA IN THE CATHODE REGION OF AN MPD ACCELERATOR	ARL 67-0291
INVESTIGATION OF ELECTRON BEAM AND HOLLOW CATHODE PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT NOV	AFOSR66-0004
MEASUREMENTS OF PLASMA ROTATION IN A HOLLOW CATHODE DISCHARGE	ARL 67-1301
CATHODES	
INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL CATHODES	AFOSR67-0296
INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL CATHODES FINAL REPORT AUG 1967	AFOSR67-0530
CATHODIC	
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION	AFOSR66-0122
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION	AFOSR66-0302

CATHODIC	- CONTINUED	
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION		AFCL 68-0447
CATHODOLUMINESCENCE		
CATHODOLUMINESCENCE OF ZND		ARL 68-1452
CATION		
THE 3,3-DIMETHYL-2-BUTYL CATION PINACOLYL CATION		AFOSR68-2906
THE 3,3-DIMETHYL-1-BUTYL CATION		AFOSR68-2907
THE FORMATION OF CATIONS AND CATION RADICALS FROM AROMATIC SULFIDES AND SULFOXIDES		AFOSR67-2332
THE 3,3-DIMETHYL-2-BUTYL CATION PINACOLYL CATION		AFOSR68-2906
COMPLETE PROTON AND NATURALLY OCCURRING SULFUR ISOTOPE SUPER 33S HYPERFINE SPLITTINGS IN THE THIANTHRENE CATION		AFOSR68-1312
CATION-VACANCY		
DOUBLY-ASSOCIATED CATION-VACANCY CENTERS IN MAGNESIUM OXIDE		AFOSR68-0200
CATIONS		
CATIONS AND OXY CATIONS OF IODINE III THE 1 AND LOWER OXIDATION STATES OF IODINE IN SULFURIC ACID		AFOSR67-0546
MIGRATION OF CATIONS IN TWO SOLID-STATE REACTIONS		AFOSR68-2861
CATIONS AND OXY CATIONS OF IODINE III THE 1 AND LOWER OXIDATION STATES OF IODINE IN SULFURIC ACID		AFOSR67-0546
THE FORMATION OF CATIONS AND CATION RADICALS FROM AROMATIC SULFIDES AND SULFOXIDES		AFOSR67-2332
A NEW METHOD FOR THE SYNTHESIS OF RADICAL CATIONS OF AROMATIC HYDROCARBONS		AFOSR68-0306
ELECTRON SPIN RESONANCE STUDY OF MONO-AND DIMERIC CATIONS OF AROMATIC HYDROCARBONS		AFOSR68-0309
CATS		
EFFECTS OF PENTAMETHYLENETETRAZOL IN CHRONIC CATS WITH MESENCEPHALIC TRANSECTION		AFOSR67-0495
EFFECTS OF ATROPINE, SERENINE AND ADRENALINE IN CATS WITH MESENCEPHALIC TRANSECTION AND IN THE ISOLATED HEMISPHERE CAT		AFOSR67-2380
BINOCLARLY DRIVEN NEURONS IN VISUAL CORTEX OF SPLIT-CHIASM CATS		AFOSR68-2692
CONTROL OF VENTRICULAR FIBRILLATION DURING INDUCED HYPOTHERMIA IN CATS AFTER DIFFERENTIAL DEPLETION OF CARDIAC		AFOSR68-1015
SINGLE-UNIT ACTIVITY IN THE PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS		AFOSR68-1967
BEHAVIORAL AND POLYGRAPHIC STUDY OF SLEEP AND WAKEFULNESS IN CHRONIC DECEREBRATE CATS		AFOSR67-0460
REPRESENTATION OF RINAURAL STIMULI BY SINGLE UNITS IN PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS		AFOSR68-2778
SURGICAL IMMOBILIZATION OF THE EYE AND PUPIL PERMITTING STABLE OPTIC STIMULATION OF FREELY MOVING CATS		AFOSR67-2546
CATTLEBRANDS		
MORPHOLOGY OF THE NEVADA CATTLEBRANDS AND THEIR BLAZONS PART TWO		AFOSR67-2634
CAUCHY		
A REMARK ON THE SINGULAR CAUCHY PROBLEM FOR ALL VALUES OF THE TIME FOR THE EULER-POISSON-DARBOUX EQUATION		AFOSR67-0146
SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE MATHEMATICAL		AFOSR67-1936
UNIQUENESS OF SOLUTIONS OF THE CAUCHY PROBLEM FOR PARABOLIC EQUATIONS		AFOSR68-2294
COVARIANT DECOMPOSITION OF A TENSOR AND THE GRAVITATIONAL CAUCHY PROBLEM (FRENCH)		AFOSR67-1473
COVARIANT DECOMPOSITION OF SYMMETRIC TENSORS AND THE GRAVITATIONAL CAUCHY PROBLEM		AFOSR68-0112
CAUCHYS		
INEQUALITIES COMPLEMENTARY TO CAUCHYS INEQUALITY FOR SUMS OF REAL NUMBERS		AFOSR68-0161
CAUDATE		
NEURONS OF THE MEDIAL DIENCEPHALON I SOMATOSENSORY RESPONSES AND CAUDATE INHIBITION		AFOSR67-0970
CAUSALITY		
CAUSALITY GROUPS OF S-MATRIX		AFOSR68-2131
THE CAUSALITY GROUP		AFOSR68-1217
ANALYTICITY AND CAUSALITY		AFOSR68-0669
CAUSTICS		
STRENGTH OF CAUSTICS		AFOSR68-2275
CAVITATION		
BUBBLE ANNIHILATION IN CAVITATION STREAMERS		AFOSR68-2298
CAVITIES		
LASER CAVITIES PART I RESEARCH ON OPEN RESONATORS FINAL REPORT MAY 1968		AFCL 68-0532
FORMATION OF CAVITIES AND MICROJETS IN LIQUIDS AND THEIR ROLE IN INITIATION AND GROWTH OF EXPLOSION		AFOSR67-2230
ANALYTICAL AND EXPERIMENTAL INVESTIGATIONS OF OSCILLATIONS IN ROCKET MOTOR Baffle CAVITIES FINAL REPORT MAY 1968		AFOSR68-1369
CAVITY		
CAVITY FLOWS CONTAINING STATIONARY CORES		ARL 67-1048
CAVITY REACTOR WITH EXTERNAL SEPARATOR		ARL 68-1398
CAVITY REACTOR WITH TWO STAGE SEPARATION		ARL 68-1399
ELECTROMAGNETIC FIELDS IN A SPHERICAL CAVITY WITH A CONCENTRIC ANISOTROPIC SHELL SYSTEM		AFCL 68-0031
STABILITY OF AN ELASTIC RING IN A RIGID CAVITY		AFOSR67-2055
EXPLORATIONS OF SUPERSONIC SHEAR FLOW OVER A CAVITY		ARL 67-0197
SMALL HYDROMAGNETIC OSCILLATIONS OF A TWO-DIMENSIONAL CAVITY		AFCL 67-0140
ABSORPTION SPECTRUM OF A MAGNETOPLASMA DIELECTRIC IN A RESO CAVITY		AFOSR68-2409
CAVITY-MOUNTED		
S-BAND TELEMETRY ANTENNA STUDIES CAVITY-MOUNTED ARRAY		AFCL 68-0620
CAYLEY		
THE CAYLEY EQUATIONS OF A REDUCIBLE FEYNMAN DIAGRAM		AFOSR68-1219
CELERITIES		
ANALYTICAL EXPRESSIONS OF SPACE-TIME CORRELATIONS CELERITIES FACILITIES AND METHODS OF MEASUREMENT FOR TEMPERATURE		AFOSR67-0892
ENTROPY OF TURBULENT GAS MACROSCOPIC AND TURBULENT PARTS BOUNDARY-LAYER EXPRESSIONS FOR CELERITIES OF FILTERED		AFOSR68-0798
CELESTIAL		
CELESTIAL MECHANICS		ARL 67-1262
CELESTIAL MECHANICS		ARL 68-1269

CELESTIAL

- CONTINUED

RESEARCH ON INFRARED CELESTIAL BACKGROUNDS FINAL REPORT DEC 1967
 MATHEMATICAL METHODS IN CELESTIAL MECHANICS
 MATHEMATICAL METHODS IN CELESTIAL MECHANICS
 MATHEMATICAL METHODS IN CELESTIAL MECHANICS

APCRL68-0041
 ARL 67-1181
 ARL 67-1183
 ARL 68-1284

CELL

ODOR SENSING CELL ULTRASTRUCTURE BY ELECTRON MICROSCOPY FINAL REPORT OCT 1967
 MULTIPURPOSE LOGIC CELL STUDY FINAL REPORT OCT 1968
 FIXED CHARGE IN THE CELL MEMBRANE
 INTEGRATED COS SOLAR CELL ARRAY
 THE CADMIUM SULFIDE THIN FILM SOLAR CELL
 THE CADMIUM SULFIDE THIN FILM SOLAR CELL
 AN OPTICALLY TRANSPARENT THIN LAYER ELECTROCHEMICAL CELL
 5-HYDROXYTRYPTAMINE AND RELATED AMINES IN ENDOCRINE CELL SYSTEMS
 A TWO-SEGMENT COLUMN PROCEDURE FOR SINGLE STEP ISOLATION OF DEXTRAN FROM RED CELL SUSPENSIONS
 USE OF A CONTINUOUS SOURCE OF EXCITATION AN ARGON-HYDROGEN- AIR PLANE AND AN EXTENDED PLANE CELL FOR ATOMIC ABSORPTION

AFOSR68-0038
 APCRL68-0094
 AFOSR67-1370
 ARL 68-1616
 ARL 67-1319
 ARL 68-1612
 AFOSR68-0209
 AFOSR68-2795
 AFOSR67-1863
 AFOSR67-1308

CELLS

LOCALIZATION OF SPIKE-PRODUCING CELLS IN THE FROG RETINA
 THIN FILM CADMIUM SULFIDE SOLAR CELLS
 ELECTROCHEMISTRY USING THIN-LAYER CELLS
 THEORY OF THE SPHERING OF RED BLOOD CELLS
 STUDIES ON THE COMPETENCE OF SINGLE CELLS TO PRODUCE ANTIBODIES OF TWO SPECIFICITIES
 IMPROVEMENTS IN COS THIN FILM SOLAR CELLS
 THE NOTION OF THE PLASMA BETWEEN THE RED BLOOD CELLS IN THE BULUS FLOW
 FABRICATION OF CADMIUM SULFIDE THIN FILM SOLAR CELLS FOR SPACE VEHICLE TESTING FINAL REPORT DEC 1967
 INDUCTION OF FLUORESCENCE IN HISTAMINE-CONTAINING CELLS
 QUANTITATIVE ANALYSIS OF THE SPONTANEOUS AND EVOKED ACTIVITY OF THE CELLS OF THE PURKINJE /FRENCH/
 SYNAPTIC TRANSMISSION AND ITS RELATION TO SURFACE CHEMISTRY OF NERVE CELLS FINAL REPORT FEB 1968
 THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH EFFICIENCY COS THIN-FILM SOLAR CELLS
 RESEARCH ON THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH-EFFICIENCY COS THIN-FILM SOLAR CELLS
 CHOICE BETWEEN AUTOTROPHY AND HETEROTROPHY IN PSEUDOMONAS OXALATICUS UTILIZATION OF OXALATE BY CELLS AFTER ADAPTATION

AFOSR68-2767
 ARL 67-1293
 AFOSR68-2381
 AFOSR68-1232
 AFOSR68-2726
 ARL 68-0217
 AFOSR68-2399
 ARL 67-0282
 AFOSR68-0193
 AFOSR67-2586
 AFOSR68-0585
 ARL 68-1617
 ARL 67-0190
 AFOSR68-1990

CELLULAR

TERNARY CELLULAR CASCADES
 THEORY OF CELLULAR LOGIC NETWORKS AND MACHINES FINAL REPORT JAN 1968
 CONCERNING CELLULAR DECOMPOSITIONS OF THREE-MANIFOLDS THAT YIELD THREE-MANIFOLDS
 PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE
 PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE FINAL REPORT NOV 1967
 A BOUNDARY-LAYER THEORY FOR CELLULAR CONVECTION
 ON RELATING THE BEHAVIOR OF A SYSTEM TO THE BEHAVIOR OF ITS CONSTITUENTS A THEORY OF CELLULAR DIFFERENTIATION AND THE

AFOSR68-1889
 APCRL68-0148
 AFOSR68-2650
 APCRL67-0463
 APCRL68-0005
 AFOSR67-2167
 AFOSR68-0217

CENSORED

MAXIMUM-LIKELIHOOD ESTIMATION, FROM CENSORED SAMPLES, OF THE PARAMETERS OF A LOGISTIC DISTRIBUTION
 MAXIMUM-LIKELIHOOD ESTIMATION, FROM DOUBLY CENSORED SAMPLES, OF THE PARAMETERS OF THE FIRST ASYMPTOTIC DISTRIBUTION
 CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATORS, FROM SINGLY CENSORED SAMPLES, OF THE SCALE PARAMETERS OF TYPE II
 CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATION, FROM SINGLY CENSORED SAMPLES, OF THE SHAPE PARAMETERS OF PARETO AND LIMITED
 ASYMPTOTIC VARIANCES AND COVARIANCES OF MAXIMUM-LIKELIHOOD ESTIMATORS FROM CENSORED SAMPLES OF THE PARAMETERS OF
 DEVIATIONS CONDITIONAL ESTIMATION OF THE STANDARD/ OF THE NORMAL AND LOGISTIC DISTRIBUTIONS FROM DOUBLY CENSORED

ARL 67-0184
 ARL 68-0277
 ARL 68-0085
 ARL 68-0278
 ARL 67-0130
 ARL 67-1003

CENSUS

STUDY OF SCIENTIFIC AND TECHNICAL DATA ACTIVITIES IN THE UNITED STATES VOLUME II PART C PRELIMINARY CENSUS OF OF

AFOSR68-1403

CENTER

A CENTER OF COMPETENCE IN SOLID STATE MATERIALS AND DEVICES
 A CENTER OF COMPETENCE IN SOLID STATE MATERIAL AND DEVICES
 THE DISASTER RESEARCH CENTER SIMULATION STUDIES OF UNDER STRESS FINAL REPORT FEB 1967
 LIFETIME OF THE TRIPLET π CENTER IN ALKALI HALIDE CRYSTALS
 PARADOX ROTATION OF THE $2\text{SUB } 1$ CENTER IN KCL
 NHD RESEARCH AT THE NUCLEAR RESEARCH CENTER /KFA/ IN JULICH GERMANY
 SYSTEMS MANUAL FOR THE EXPERIMENTAL LITERATURE COLLECTION AND REFERENCE RETRIEVAL SYSTEM OF THE CENTER FOR THE

APCRL68-0185
 APCRL68-0493
 AFOSR68-0751
 AFOSR68-1116
 AFOSR68-1671
 ARL 68-1040
 AFOSR67-1676

CENTER-LINE

ON THE CENTER-LINE VARIATION OF THE H- AND K-LINES OF CAII

APCRL67-0576

CENTERS

ON DIPOLE CENTERS IN ALKALI HALIDES
 THEORY OF CU CENTERS IN $\text{ZnO}:\text{Cu}$ AND $\text{ZnS}:\text{Cu}$
 PROTONS ASSOCIATED WITH CENTERS OF SOLAR ACTIVITY AND THEIR PROPAGATION IN INTERPLANETARY MAGNETIC FIELD REGIONS
 RAMAN SCATTERING BY COLOR CENTERS
 DOUBLY-ASSOCIATED CATION-VACANCY CENTERS IN MAGNESIUM OXIDE
 INVESTIGATIONS OF EXCITED STATES OF IMPURITY CENTERS BY ELASTIC AND ELECTRIC FIELDS
 GENERATION OF ALL HAMILTONIAN CIRCUITS PATHS AND CENTERS OF A GRAPH AND RELATED CIRCUITS
 NUCLEAR SPIN-LATTICE RELAXATION VIA PARAMAGNETIC CENTERS
 PHONON EFFECTS ON CARRIER TRANSITIONS AT IMPURITY CENTERS
 HOLE TRAPPING AND THE IONIZATION ENERGY OF NATIVE ACCEPTOR CENTERS IN AGOR
 NUCLEAR SPIN-LATTICE RELAXATION IN CALCIUM FLUORIDE CRYSTALS VIA PARAMAGNETIC CENTERS
 THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS- PART I THE SINGLE ENERGY LEVEL DEFECT CENTERS

AFOSR68-1458
 ARL 67-1283
 AFOSR68-0886
 AFOSR67-1761
 AFOSR68-0200
 ARL 67-1299
 AFOSR67-1727
 AFOSR68-0631
 ARL 68-1358
 AFOSR67-0011
 AFOSR68-0836
 AFOSR67-1680

CENTIGRADE

A CALOMETRIC AND POTENTIOMETRIC STUDY OF MERCURIC BROMIDE SYSTEMS AT 25 DEGREES CENTIGRADE IN THREE MOLAR SODIUM

AFOSR67-1312

CENTIMETERS

MAPPING OF LUNAR RADAR REFLECTIVITY AT 70 CENTIMETERS

AFOSR67-0189

CENTRAL

CENTRAL IDEMPOTENTS IN GROUP ALGEBRAS
 CENTRAL CONTROL OF NORADRENALINE CONTENT IN RAT PINEAL AND SUBMAXILLARY GLANDS
 CENTRAL AND PERIPHERAL MECHANISMS IN THE MODULATION OF FLASHING IN THE FIREFLY LUCIOLA ITALICA L
 PARALLEL AND CENTRAL TRANSFORMATIONS OF RIEMANNIAN MANIFOLDS
 SPECTRA OF THE CENTRAL STARS OF PLANETARY NEBULAE
 ELECTRODE PROBLEMS IN CENTRAL NERVOUS MONITORING IN PERFORMING SUBJECTS
 REACTIVITY CHANGES IN THE CENTRAL NERVOUS SYSTEM CONCOMITANT WITH CHRONIC FEAR AND FOOD DEPRIVED STATES
 RESEARCH ON INFORMATION PROCESSING IN THE CENTRAL SYSTEM FINAL REPORT AUG 1967
 PRELIMINARY STUDY OF THE AFTERSHOCKS IN THE CENTRAL ANDES

AFOSR67-0609
 AFOSR67-1104
 AFOSR68-2716
 AFOSR68-1974
 AFOSR68-2792
 AFOSR68-1663
 AFOSR68-0663
 APCRL67-0146
 AFOSR67-2070

CENTRAL

- CONTINUED

SPECIFIC AND NON-SPECIFIC ACTIVITIES IN THE CENTRAL VISUAL PATHWAYS
LOCALIZATION OF MONOAMINERGIC NEURONS IN THE CENTRAL NERVOUS SYSTEM OF ASTACUS ASTACUS LINNE (CRUSTACEA)
TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES II
TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES I
LARGE APERTURE SEISMIC TELEMETERING SYSTEM FOR CENTRAL ALASKA
THE TRAVEL TIMES OF P WAVES TO 30 DEGREES IN THE CENTRAL UNITED STATES AND UPPER MANTLE STRUCTURE FINAL REPORT JULY
NEURONS OF THE MEDIAL Diencephalon II EXCITATION OF CENTRAL ORIGIN
RELEASE OF COORDINATED BEHAVIOR IN CRAYFISH BY SINGLE CENTRAL NEURONS
CORRELATION BETWEEN LIGHT-AND DARK TONIC ACTIVITY IN THE CENTRAL VISUAL PATHWAYS IN THE ABSENCE AS WELL AS IN THE
MODIFIED NORM APPROXIMATION AND ELASTIC SCATTERING BY WEAK CENTRAL POTENTIALS
STIMULUM AND SLOWSHORE ANOMALIES OF SEISMIC WAVES MEASURED ON THE CENTRAL CALIFORNIA SEISMOGRAPHIC ARRAY PART II
SPATIAL DISTRIBUTION AND SOURCE MECHANISM OF MICROEARTHQUAKES IN CENTRAL NEVADA
MONOAMINES AND SLEEPS II-TECHNICAL ASPECTS AND INTEREST OF THE STUDY OF THE CENTRAL METABOLISM OF MONOAMINES DURING
NEUROPHARMACOLOGICAL STUDIES AND POSTULATES ON EXCITATION AND DEPRESSION IN THE CENTRAL NERVOUS SYSTEM
EFFECTS OF STEADY DIFFUSE ILLUMINATION ON RATE OF UNITARY TONIC DISCHARGE IN THE CENTRAL VISUAL PATHWAYS OF THE
STUDIES ON THE TACHYPHYLAXIS TO ALPHA-METHYL METHAMPHETAMINE WITH SPECIAL REFERENCE TO ITS CENTRAL STIMULATING ACTION
BIOCHEMICAL AND HISTOCHEMICAL STUDIES ON THE EFFECTS OF IMIPRAMINE-LIKE DRUGS AND DEXTRO-AMPHETAMINE ON CENTRAL AND
REGIONAL DISTRIBUTION IN OPSORHAGEAL TEMPERATURE AND ITS USE IN LOCALIZING MEDIASTINAL ORGANS AND MONITORING CENTRAL

AFOSR66-1017
AFOSR67-0105
AFOSR66-0703
AFOSR66-0849
AFOSR67-2151
AFOSR67-1004
AFOSR67-0900
AFOSR67-0267
AFOSR66-2709
AFOSR66-2560
AFOSR67-0888
AFOSR66-1430
AFOSR67-2888
AFOSR67-1310
AFOSR66-2700
AFOSR66-2711
AFOSR67-0665
AFOSR67-0270

CENTRE
THE PPDUNCLE LOBE A VISUO-MOTOR CENTRE IN OCTOPUS
AFOSR66-0293

CENTRES
PARADAY ROTATION STUDIES IN NG-O AND CA-O COLOUR CENTRES
AFOSR66-1706

CENTRIFUGAL
CENTRIFUGAL FIBERS TO THE RETINA OF OCTOPUS VULGARIS
OBSERVATION OF CENTRIFUGAL STRETCHING IN SARANIUM ISOTOPE 152
FURTHER INVESTIGATIONS ON THE MICROWAVE SPECTRUM OF NSF EVALUATION OF THE MOLECULAR FORCE FIELD CENTRIFUGAL DISTORTION
AFOSR67-0132
AFOSR67-1446
AFOSR66-1130

CENTRIFUGE
AN INEXPENSIVE VARIABLE-RADIUS CENTRIFUGE FOR PHYSIOLOGICAL EXPERIMENTS
AFOSR67-0871

CENTRIFUGING
RESULTS OF ELECTROENCEPHALOGRAPHIC EXAMINATIONS UNDER THE INFLUENCE OF VIBRATION AND CENTRIFUGING IN THE MONKEY
AFOSR67-1887

CEPHALOPODS
SOME COMPARISONS BETWEEN THE NERVOUS SYSTEMS OF CEPHALOPODS AND MAMMALS
NATURE OF VESICLES ASSOCIATED WITH THE NERVOUS SYSTEM OF CEPHALOPODS
AFOSR66-0286
AFOSR66-0288

CERAMIC
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
ELECTRONIC PROPERTIES OF CERAMIC MATERIALS
SINTERING CHARACTERISTICS OF ULTRAFINE PARTICLE CERAMIC POWDERS
RELATIONSHIP BETWEEN DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF CERAMIC MATERIALS
ARL 66-1189
ARL 66-1382
ARL 66-1157
ARL 66-1163
ARL 66-1158

CERAMICS
METALLURGY AND CERAMICS RESEARCH LABORATORY
ULTRAFINE GRAIN CERAMICS
THE ELECTRICAL CONDUCTIVITY OF CERAMICS ITS MEASUREMENT AND INTERPRETATION
MEASUREMENT OF TENSILE STRENGTH OF CERAMICS
POINT DEFECTS AND THE DEFECT STATE IN CERAMICS
TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
ARL 66-1336
ARL 66-1167
ARL 67-0910
AFOSR66-1497
ARL 66-1162
ARL 66-1195
ARL 66-1376

CERAMUM
MERCURIAL-INDUCED DISSOCIATION OF PHYCOERYTHRIN FROM CERAMUM RUBRUM
AFOSR67-0126

CEREBRAL
CEREBRAL INTEGRATION AND ITS ASSESSMENT BY DRUGS
ON THE SUGGESTED CEREBRAL DOMINANCE FOR CONSCIOUSNESS
EXPERIMENTAL ANALYSIS OF CEREBRAL DOMINANCE IN MAN
PERMANENT INSOMNIA AND DIMINUTION OF CEREBRAL SEROTONIN BY LESION OF THE RAPHE SYSTEM IN THE CAT (FRENCH)
EFFECTS OF THE LESIONS OF THE RAPHE SYSTEM UPON SLEEP AND CEREBRAL SEROTONIN (FRENCH)
DEEP SLEEP INDUCTION BY ELECTRICAL STIMULATION OF THE BRAIN STEM AND CEREBRAL CORTIX
AFOSR67-0847
AFOSR67-1430
AFOSR67-1627
AFOSR67-2568
AFOSR67-2564
AFOSR66-0945

CEREBROSPINAL
ACID MONOAMINE METABOLITES OF CEREBROSPINAL FLUID IN MENTAL DEPRESSION AND MANIA
AFOSR67-0867

CERENKOV
CERENKOV LIGHT FROM EXTENSIVE AIR SHOWERS FINAL REPORT DEC 1966
CERENKOV LIGHT EXPERIMENT BOLIVIAN AIR SHOWER JOINT EXPERIMENT FINAL REPORT JAN 1968
A FAST OPTICAL CERENKOV SYSTEM FOR DIRECTIONAL STUDIES OF POSSIBLE GAMMA-RAY SOURCES
OBSERVATIONS OF CP1133 WITH A FAST NIGHT SKY CERENKOV DETECTOR
AFOSR67-0609
AFOSR66-0179
AFOSR66-2725
AFOSR66-2887

CESIUM
CESIUM /IV/ ACETATE
PHOTOACTIVATION OF CESIUM HYDROXYMUM SARANIUM AND GADOLINIUM
SUPERCONDUCTIVITY OF CESIUM COBALT
ELECTRICAL PROPERTIES OF CESIUM DIOXIDE AND TITANIUM DIOXIDE
TRANSIENTS AND NON-OMNIC BEHAVIOR IN CESIUM OXIDE
AFOSR66-2622
AFOSR67-0905
AFOSR67-2408
ARL 67-1140
AFOSR66-0609

CESIUM
ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS II SPECTROSCOPIC EFFECTS OF PHENYL SUBSTITUTION IN BENZYL ANIONS
ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS I SPECTROSCOPIC EFFECTS OF METHYL GROUPS AND CORRESPONDING O O RING
ELECTRIC NUCLEAR QUADRUPOLE MOMENT OF CESIUM 133 (GERMAN)
LOW-FREQUENCY OSCILLATIONS IN A THERMAL CESIUM PLASMA
THE FLUORESCENT RESPONSE OF SODIUM IODIDE (THALLIUM CESIUM IODIDE THALLIUM CESIUM IODIDE SODIUM AND CALCIUM FLUORIDE
LIGHT SOURCES FOR THE EXCITATION OF ATOMIC RESONANCE FLUORESCENCE IN CESIUM AND SODIUM
THE FLUORESCENT RESPONSE OF SODIUM IODIDE THALLIUM CESIUM IODIDE THALLIUM CESIUM IODIDE SODIUM AND CALCIUM FLUORIDE
ACIDITY OF HYDROCARBONS XIII RELATIVE EQUILIBRIUM ACIDITIES OF HYDROCARBONS TOWARD CESIUM CYCLOHEXYLAMINE
AFOSR66-1092
AFOSR66-1166
AFOSR66-1155
AFOSR67-0139
AFOSR67-1932
AFOSR67-2609
AFOSR67-1932
AFOSR67-0731

CHACALTAYA	
RADIO PULSES FROM AIR SHOWERS AT MT CHACALTAYA	AFOSR66-2316
CHAIN	
USING CHAIN WITH A SPIN IMPURITY	AFOSR67-0189
OPTICAL ANISOTROPY OF CHAIN MOLECULES THEORY OF POLARIZATION OF SCATTERED LIGHT WITH APPLICATION TO TO N-ALKANES	AFOSR66-0266
RAYLEIGH SCATTERING BY REAL CHAIN MOLECULES	AFOSR66-1697
STEREOCHEMICAL EQUILIBRIUM IN CHAIN MOLECULES	AFOSR67-1296
ULTRATRACE ANALYSIS BY COORDINATION CHAIN REACTIONS FINAL REPORT JULY 1967	AFOSR67-1792
CONFIGURATIONAL DISTRIBUTIONS FOR FINITE CHAIN MOLECULES	AFOSR66-2438
ON THE CONVERGENCE OF APPROXIMANTS TO A NARROW CHAIN II	AFOSR66-2290
ON THE CONVERGENCE OF APPROXIMANTS TO A NARROW CHAIN I	AFOSR66-2477
DETERMINATION OF TRACE METALS USING COORDINATION CHAIN REACTIONS WITH MASKING AGENTS AND WITH AUTOMATED RATE	AFOSR67-2663
TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE ALPHA CHAIN OF RABBIT HEMOGLOBIN	AFOSR67-1631
EQUATION-OF-STATE PARAMETERS FOR NORMAL ALKANES CORRELATION WITH CHAIN LENGTH	AFOSR66-0718
TRACE DETERMINATION OF OXYGEN BY REACTION WITH PENTACYANOCORALYATE /II/ COUPLED TO COORDINATION CHAIN	AFOSR67-2664
CHAIN-ENCODED	
LANGUAGES AUTOMATA AND CLASSES OF CHAIN-ENCODED PATTERNS	AFOSR66-0794
CHAINS	
NARROW CHAINS RECURRENT IN THE SENSE OF HARRIS	AFOSR67-1660
KERR EFFECT IN POLYMER CHAINS	AFOSR66-2077
ON THE BOUNDARY THEORY FOR NARROW CHAINS II	AFOSR67-0183
CONFIGURATIONAL STATISTICS OF POLYMER CHAINS	AFOSR67-1483
DIPOLAR MOMENTS IN RELATION TO CONFIGURATION OF POLYPEPTIDE CHAINS	AFOSR66-0606
CONFIGURATIONAL STATISTICS OF POLY /ETHYLENE TEREPHTHALATE/ CHAINS	AFOSR67-1482
SPECTRAL DIFFERENCES BETWEEN HEMOGLOBIN AND ISOLATED HEMOGLOBIN CHAINS IN THE DEOXYGENATED STATE	AFOSR66-2690
FUNCTIONAL PROPERTIES OF A HEMOGLOBIN CARRYING HEME ONLY ON ALPHA CHAINS	AFOSR66-2791
CONFORMATIONAL ENERGY ESTIMATES FOR STATISTICALLY COILING POLYPEPTIDE CHAINS	AFOSR67-0681
TREATMENT OF THE EFFECT OF EXCLUDED VOLUME AND REDUCTION OF UNPERTURBED DIMENSIONS OF POLYMER CHAINS CONFIGURATIONAL	AFOSR67-0240
CHAMBER	
A CASCADE ARC CHAMBER FOR VERY HIGH POWERS	ARL 66-0343
DISCUSSION ON A CHAMBER TO MEASURE ION NUMBER DENSITIES UNDER LOW PRESSURE AND SUPERSONIC SPEED	AFCL66-0199
NATURE OF THE FLOW IN A SWIRL CHAMBER HAVING ENDWALL FLOW REVERSAL FINAL REPORT JULY 1968	ARL 66-0131
IMPROVEMENT OF THE HIGH POWER CASCADE ARC CHAMBER	ARL 66-0342
AN EXPERIMENTAL STUDY OF THE FLOW IN A LOW-PRESSURE SWIRL CHAMBER	ARL 66-0072
MASS SPECTROSCOPIC OBSERVATION OF IGNITION PHENOMENA IN A SMALL ROCKET COMBUSTION CHAMBER	AFOSR66-0226
CHAN	
INTERSYMBOL INTERFERENCE OF A TIME-CONTINUOUS GAUSSIAN CHAN	AFOSR66-1689
CHANN	
OPTIMAL SIGNAL DESIGN FOR SEQUENTIAL SIGNALING OVER A CHANN FEEDBACK	AFOSR66-1978
CHANNEL	
CHANNEL CAPACITY OF MOORE AUTOMATA	AFOSR66-2801
COUPLED CHANNEL SCHRODINGER-EQUATION MODEL FOR NEUTRON- ALPHA AND DEUTERON-TRITON SCATTERING I	AFOSR67-0224
COUPLED CHANNEL ANALYSIS OF PROTON SCATTERING FROM 10% MAGNETOHYDRODYNAMIC CHANNEL FLOWS WITH NONEQUILIBRIUM IONIZATION	AFOSR66-0901
NOTE ON THE GAUSSIAN CHANNEL WITH FEEDBACK AND A POWER CONSTRAINT	AFOSR66-0910
STABILITY OF TURBULENT CHANNEL FLOW WITH APPLICATION TO WALKUS S THEORY	AFOSR66-1839
VARIABLE CONDUCTIVITY FULLY DEVELOPED TWO CHANNEL FLOW FINAL REPORT MARCH 1967	AFOSR67-2663
A TECHNIQUE OF OPTIMIZING DECISION-DIRECTED CHANNEL MEASUREMENTS FOR COHERENT DETECTION	ARL 67-0046
A STOCHASTIC MODEL OF MESSAGE INTERCHANGE ON A CHANNEL WITH TRANSMISSION DELAY	AFOSR67-1890
CAPACITY OF AN ADDITIVE GAUSSIAN COLORED NOISE CHANNEL WITH NOISELESS FEEDBACK ALLERTON CONFERENCE ON CIRCUIT AND	AFOSR67-2130
A REMARK ON PER LETTER CONVERGES FOR A DISCRETE CHANNEL	AFOSR66-2631
THE INFLUENCE OF ROTATION ON FLOW IN A LONG RECTANGULAR CHANNEL - AN EXPERIMENTAL STUDY	AFOSR66-2346
INSULATOR BOUNDARY LAYERS IN A SUPERSONIC MAGNETOHYDRODYNAMIC CHANNEL	AFOSR67-2080
BINARY DETECTION IN AN OPTICAL POLARIZATION MODULATION COMMUNICATION CHANNEL	AFOSR66-1834
EXPERIMENTAL VELOCITY PROFILE DETERMINATIONS IN TWO FLOW THROUGH A DIELECTRIC CIRCULAR CHANNEL	AFOSR67-1472
	ARL 66-1191
CHANNELS	
A GENERAL STUDY OF THE CHANNELS OF COMMUNICATION BETWEEN COMMUNIST CHINA AND THE WESTERN WORLD	AFOSR67-0984
TURBULENT COPIES IN HIGH-DENSITY-SPARK CHANNELS IN HELIUM	AFCL67-0844
NONUNIFORM ELECTRICAL CONDUCTION IN TWO CHANNELS	AFOSR67-2433
SPATIAL AND TEMPORAL AVERAGES IN RETINAL CHANNELS	AFOSR66-2690
ON DETERMINABLE CLASSES OF SIGNALS AND LINEAR CHANNELS	AFOSR66-0084
OPTIMUM LINEAR TRANSMISSION OF ANALOG DATA FOR CHANNELS JANUARY 1968	AFOSR66-1188
SOME OBSERVATIONS ON HETEROGENEOUS MIXING INSIDE CHANNELS	ARL 67-0274
STATISTICAL DESCRIPTION OF A CLASS OF NONGAUSSIAN CHANNELS USING EXPANSIONS BASED ON THE LOGNORMAL DISTRIBUTION	AFCL67-0438
EXPERIMENTAL ELECTRODE CURRENT DISTRIBUTIONS IN TWO CHANNELS	AFOSR66-1296
FINITE IONIZATION RATE EFFECTS OVER ELECTRODES IN TWO CHANNELS	AFOSR66-2222
NEW SOLUTIONS TO THE SIGNAL DESIGN PROBLEM FOR COHERENT CHANNELS	AFOSR67-0406
NONUNIFORM ELECTRICAL CONDUCTION IN MAGNETOHYDRODYNAMIC CHANNELS	AFOSR67-2681
EVIDENCE FOR RE-REFLECTED SHOCK WAVES FROM CONVERGENT CYLINDRICAL CHANNELS	AFOSR66-0469
LOWER BOUNDS TO ERROR PROBABILITY FOR CODING ON DISCRETE MEMORYLESS CHANNELS II	AFOSR66-2019
A NEW MODEL FOR IMPULSIVE PHENOMENA APPLICATION ATMOSPHERIC-NOISE COMMUNICATION CHANNELS	AFOSR67-0783
CHAPMAN	
ON THE ACCURACY OF CERTAIN APPROXIMATIONS FOR THE CHAPMAN FUNCTION	AFCL67-0468
CHAPMAN-JOUQUET	
PROPERTIES OF CHAPMAN-JOUQUET DETONATIONS IN STOICHIOMETRIC HYDROGEN-OXYGEN MIXTURES DILUTED WITH HELIUM AND HYDROGEN	ARL 67-0019
CHARACTER	
TIMELIKE CHARACTER OF GRAVITATIONAL FIELD ENERGY-MOMENTUM	AFOSR66-2136
A HAND-PRINTED CHARACTER RECOGNITION EXPERIMENT	AFOSR67-2123
CHARACTERISTIC	
THE CHARACTERISTIC POLYNOMIAL OF A SINGULAR MATRIX	AFOSR66-1740
AN EQUATION FOR CHARACTERISTIC CURVES OF A SPECTROPHOTOMETRIC EMULSION FINAL REPORT JUNE 1967	ARL 67-0125
AN EQUATION FOR CHARACTERISTIC CURVES	ARL 67-1061
MATERIAL FUNCTIONS OF ARC PLASMAS FROM CHARACTERISTIC MEASUREMENTS	ARL 66-0361

CHARACTERISTIC - CONTINUED

EVENING MICROPULSATION EVENTS WITH A RISING MIDFREQUENCY CHARACTERISTIC
USE OF SIGNAL-TO-NOISE RATIO THEORY TO EVALUATE PARAMETERS CHARACTERISTIC OF MULTIPLIER PHOTOTUBES

AFCL67-0851
AFOSR66-0356

CHARACTERISTICS

CHARACTERISTICS OF THE STOKES EMISSION IN THE STIMULATED BRILLOUIN SCATTERING PROCESS
CHARACTERISTICS OF PHOTOIONIZATION PLASMA SOURCE
CHARACTERISTICS OF ALDOSE VARIATION
CHARACTERISTICS OF PARAELECTRIC RESONANCE IN HYDROXYL - DOPED KCl
CHARACTERISTICS OF INVARIANT CURVES OF PLANE ORBITS
CHARACTERISTICS OF REM SLEEP FOLLOWING DIFFERENT CONDITIONED RATES OF MAKING EYE MOVEMENT IN THE MONKEY
CHARACTERISTICS OF A HIGH PRESSURE A.C. ARC HEATER SYSTEM, FINAL REPORT DEC 1967
A CHARACTERISTICS APPROACH TO RADIATION GASDYNAMICS
BIAS CHARACTERISTICS OF A GEAR BAND-TO-BAND INLINE FREQUENCY TRIPLER
SOME CHARACTERISTICS OF SODIUM TITANIUM BROMIDE AND RELATED COMPOUNDS
GAIN CHARACTERISTICS OF A WATER VAPOR LASER
CREEP CHARACTERISTICS OF POLYETHYLENE FILM
SPEECH CHARACTERISTICS AS INDICES OF ATTITUDE MOOD AND MOTIVATIONAL STATE FINAL REPORT MAY 1966
ACID-BASE CHARACTERISTICS OF PHOTOCROMISM
ACID-BASE CHARACTERISTICS OF PHOTOCROMISM
DETONATION CHARACTERISTICS OF LOW DENSITY GRANULAR MATERIALS
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS FINAL REPORT JUNE 1967
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
DETONATION CHARACTERISTICS OF LOW DENSITY GRANULAR MATERIALS
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
PROPAGATION CHARACTERISTICS OF MICROPULSATIONS FINAL REPORT AUG 1967
THE LUMINOUS CHARACTERISTICS OF CYANOGEN-OXYGEN-BORON TRICHLORIDE DIFFUSION FLAMES
SYNTHESIS AND CHARACTERISTICS OF ARYL SULFONIDE POLYMERS
BOUNDARY LAYER CHARACTERISTICS FOR HYPERSONIC FLOW WITH AND WITHOUT MASS ADDITION, FINAL REPORT JAN 1968
COLD-ELECTRODE CHARACTERISTICS IN SHOCK-IONIZED AIR PLASMAS
THE CLOSED LOOP CHARACTERISTICS OF AN AUTOMATIC DIRECT READOUT IMPEDANCE BRIDGE
EFFECTS OF TASK CHARACTERISTICS ON GROUP PRODUCTS
VOLTAGE BREAKDOWN CHARACTERISTICS OF MISSILE ANTENNAS FINAL REPORT MAY 1968
RECEIVER OPERATING CHARACTERISTICS DETERMINED UNDER SEVERAL INTERAURAL CONDITIONS OF LISTENING
ON THE PERFORMANCE CHARACTERISTICS OF MAXIMUM LIKELIHOOD DIVERSITY-ARRAY RECEIVERS
A STUDY OF RADIATION CHARACTERISTICS AND ITS SUPPRESSION FROM THE PLUME OF A JET AIRCRAFT DURING AFTERBURNER
AEROMECHANICAL STABILITY CHARACTERISTICS OF CYLINDRICAL SHELLS CONSIDERING IMPERFECTIONS AND EDGE CONSTRAINT
ON SEVERAL STATISTICAL CHARACTERISTICS OF WIND VARIABLES FINAL REPORT OCT 1967
THEORY OF LANGMUIR PRIME CHARACTERISTICS FOR A COLLISION DOMINATED PARTIALLY IONIZED GAS FINAL REPT FEB 1967
INVESTIGATION OF COMBUSTION CHARACTERISTICS OF A BI-PHASE ROCKET
LOW FREQUENCY ELECTRIC FIELD CHARACTERISTICS OF CLEAR AIR TURBULENCE FINAL REPORT JULY 1967
STRUCTURE OF LIQUIDS VI SOME CHARACTERISTICS OF FIRST-ORDER DENSITY EXPANSIONS OF RADIAL DISTRIBUTION DIRECT
LATTICE PARAMETERS AND GROWTH CHARACTERISTICS OF SOME II-VI SEMICONDUCTING COMPOUNDS
INVESTIGATION OF CURRENT-VOLTAGE CHARACTERISTICS OF SPACECRAFT-MOUNTED SPHERICAL ELECTROSTATIC ANALYZERS FINAL REPORT
STUDY OF SPATIAL DEVIATIONS IN THE CHARACTERISTICS OF SEMICONDUCTORS
AN EXPERIMENTAL STUDY OF THE BREAKDOWN CHARACTERISTICS OF MICROWAVE AND VHF ANTENNAS FINAL REPORT JULY 1968
EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
TEMPORAL COHERENCE AND FREQUENCY VS TIME CHARACTERISTICS OF A Q-SPOILED RUBY LASER
MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS OF THE CYANOGEN-OXYGEN-BORON TRICHLORIDE FLAME SYSTEM
MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS OF THE CYANOGEN-OXYGEN-BORON TRICHLORIDE FLAME SYSTEM
SLEEP IN FREQUENCY EVIDENCE OF FOETAL-SLEEP CHARACTERISTICS
ELECTROPHYSIOLOGICAL ENERGY CONVERSION PROCESSES, CHARACTERISTICS, AND RESEARCH AREAS
THE PEARL GAIN METHOD FOR DETERMINING PROPAGATION CHARACTERISTICS OF INSTABILITIES
CHARACTERIZATION OF SPEECH SOURCES IN TERMS OF GENETIC OPERATING CHARACTERISTICS
THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND
THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND
WIND-TUNNEL MEASUREMENT AT M EQUALS 4.24 OF SOME STATIC AND DYNAMIC AERO-DYNAMIC CHARACTERISTICS OF FINNED MISSILES

AFCL67-0051
AFOSR67-1142
AFOSR68-0310
AFOSR68-1956
AFOSR68-2250
AFOSR68-2794
ARL 67-0217
AFOSR68-0515
AFOSR67-0055
AFOSR67-1434
AFOSR68-2885
AFCL67-0488
AFOSR68-0983
AFOSR67-0614
AFOSR68-0349
AFOSR67-0613
AFOSR67-2027
AFOSR67-2419
AFOSR68-0470
AFOSR68-1269
AFOSR68-1310
AFOSR68-1551
AFOSR68-1906
AFCL67-0840
ARL 68-0177
AFML 67-0034
ARL 68-0002
ARL 68-0124
AFCL67-0180
AFOSR68-1411
AFCL68-0336
AFOSR67-1561
AFOSR68-1800
ARL 67-0271
AFOSR68-0382
ORA 67-0010
AFAL 67-0001
AFOSR68-1206
AFCL67-0487
AFOSR67-2876
ARL 68-0258
AFCL68-0588
ARL 68-0261
AFCL68-0450
AFCL67-0687
AFCL68-0066
AFCL67-0082
ARL 68-0327
ARL 68-1082
AFOSR67-2570
ARL 68-1364
ARL 68-1475
AFCL67-0309
AFCL67-0033
AFCL68-0017
ARL 68-0286

CHARACTERIZATION

CHARACTERIZATION OF SPEECH SOURCES IN TERMS OF GENETIC OPERATING CHARACTERISTICS
CHARACTERIZATION OF NORMAL AND GENERALIZED TRUNCATED NORMAL DISTRIBUTIONS USING ORDER STATISTICS
CHARACTERIZATION OF THE EXPONENTIAL AND POWER DISTRIBUTIONS
CHARACTERIZATION OF VOLATILIZED SPECIES FROM SOLID PROPELLANTS
CHARACTERIZATION OF DERIVATIONS ON AN ALGEBRA OF MEASURES II
A CHARACTERIZATION OF THE MATHIEU GROUP M_{12}
A CHARACTERIZATION OF THE STABLES AND SYSTEMATIC PROCESS /FRENCH/
A CHARACTERIZATION OF THE SET OF ASYMPTOTIC VALUES OF A FUNCTION MONOTONIC IN THE UNIT DISC
PHYSICAL CHARACTERIZATION OF ELECTRONIC MATERIALS DEVICES AND THIN FILMS
CHEMICAL CHARACTERIZATION OF MOLECULES ADSORBED ON A FOREIGN SOLID FINAL REPORT NOV 1968
A QUANTUM CHARACTERIZATION OF CLASSICAL RADIATION
GROWTH AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS FINAL REPORT FEB 1967
FLUX GROWTH AND CHARACTERIZATION OF BETA GALLIUM SESQUI OXIDE SINGLE CRYSTALS
LOGIC NETS THEIR CHARACTERIZATION RELIABILITY AND EFFICIENT SYNTHESIS FINAL REPORT OCT 1967
MCKENSON TRANSFORM CHARACTERIZATION OF PHOTOELECTRIC COUNTS
GROWTH PROCESSING AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS
PROCESSING GROWTH AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS
GROWTH PROCESSING AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS
RESEARCH ON STRUCTURE CHARACTERIZATION OF CONTINUOUS FILAMENTS MATERIALS
RESEARCH IN SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARYLATED ORGANOSILICON COMPOUNDS FINAL REPORT JULY 1967
CYCLOPROPANONES--VIII PREPARATION AND CHARACTERIZATION OF CYCLOPROPANONE METHYLCYCLOPROPANONE 2
CLARIFICATION OF DISCREPANCIES IN THE CHARACTERIZATION OF LANTHANUM SERIES COMPLEXES OF 2,2,6,6-TETRAMETHYL-3,5-
SPACED-TIME SINGULARITIES AND THEIR LOCAL CHARACTERIZATION
THE ROLE OF IMPERFECTION CHEMISTRY IN THE CHARACTERIZATION OF MATERIALS
ION RADICALS XII SPECTROSCOPIC AND CRYSCOPIC CHARACTERIZATION OF IONS AND ION RADICALS FROM PHENOTHIAZINE AND
ORGANOMETALLIC SULFUR COMPLEXES I STRUCTURAL AND BONDING CHARACTERIZATION OF A TRIMERIC MERCAPTODIALLY CARBOXYL
THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES I ISOLATION AND CHARACTERIZATION FROM CHICKEN AND RABBIT TISSUES

AFCL67-0309
AFOSR67-0684
AFOSR68-0206
AFOSR68-1355
AFOSR68-2453
AFOSR67-0361
AFOSR67-2311
AFOSR68-2853
AFCL68-0091
AFOSR68-2774
AFCL67-0041
AFCL67-0214
AFOSR67-0051
AFCL67-0619
AFOSR68-0033
AFCL67-0557
AFCL68-0160
AFCL68-0543
AFML 67-0290
ARL 67-0159
AFOSR68-2586
ARL 67-0213
ARL 67-1328
AFOSR67-1091
AFOSR68-0420
AFOSR68-2461
AFOSR67-0887

CHARACTERS

ON THE CLOSURE OF CHARACTERS AND THE ZERO OF ENTIRE FUNCTIONS

AFOSR67-1418

CHARACTERISTICS

SINTERING CHARACTERISTICS OF ULTRAFINE PARTICLE CERAMIC POWDERS

ARL 68-1153

CHARGE

CHARGE EXCHANGE PROCESSES FINAL REPORT AUG 1967
CHARGE STRUCTURE OF THE CALCIUM ISOTOPES
CHARGE DENSITY NEAR A VORTICE LINE IN TYPE II SUPERCONDUCTORS
CHARGE SUPERSELECTION RULE

AFCL68-0076
AFOSR67-0911
AFOSR67-2466
AFOSR67-2831

CHARGE DENSITY OF DIAMOND
CHARGE IMPINGEMENT AND GROUP TRANSFORMATION PROPERTIES OF THE SCATTERING IN A DYNAMICAL MODEL
CHARGE AND ENERGY TRANSFER IN ORGANIC SYSTEMS FINAL REPORT MAY 1968
CHARGE COLLECTION EFFICIENCIES FOR LITHIUM DOPED SILICON AND GERMANIUM DETECTORS IN THE X-RAY ENERGY REGION
CHARGE REGENERATION BY CORDON DISCHARGE IN FLUIDODYNAMIC ENERGY CONVERSION PROCESSES
FIXED CHARGE IN THE COLL MEMORANDUM
MAGNETIC CHARGE AND GENERAL RELATIVITY
MOLECULAR CHARGE TRANSFER REACTIONS
MOLECULAR CHARGE TRANSFER REACTIONS
MOBILITY OF CHARGE CARRIERS IN POLYMER
ON THE QUESTION OF CHARGE SYMMETRY IN $n-p$ TRANSISTORS
RATE CONSTANTS FOR CHARGE EXCHANGE INVOLVING QUASITHERMAL IONS AND NITRIC OXIDE
THE LINEARITY OF THE CHARGE CONVERSION FUNCTION FOR COOLED LITHIUM-DOPED SILICON DETECTORS IN RESPONSE TO X-RAY AND
SCREENING OF A FIXED CHARGE IN PISUMITH WETAL
THE INTERPRETATION OF THE CHARGE RATIO OF COSMIC-RAY NEUTRONS
FROM FACTORS AND THE HIGH CHARGE FORM FACTOR
CLASSICAL THEORY OF MAGNETIC CHARGE
RESONANCE SATURATION OF AXIAL CHARGE COMBINATIONS WITH SYMMETRY AND SCALAR RESONANCE
RESONANCE-INDUCED EFFECTS ON CHARGE TRANSPORT IN TRANSITION-METAL OXIDES FINAL REPORT MAY 1968
THE SPONTANEOUS SINGLE CRYSTALS OF THE CHARGE TRANSFER COMPLEXES FINAL REPORT NOV 1967
TIME-DEPENDENT CHARGE COMPLEXES SHOWING NO CHARGE TRANSFER SPECTRA FORMED BY p -TOLUENESULFONIC ESTERS
OSCILLATIONS IN THE TOTAL CROSS SECTION FOR RESONANT CHARGE TRANSFER IN LITHIUM - LITHIUM ION COLLISION
THE EFFECT OF FINITE ION MASS ON THE STABILITY OF A SPACE CHARGE NEUTRALIZED ELECTRON BEAM
THE NUCLEON-NUCLEON SCATTERING LENGTH THE TIME-DEPENDENT MODULUS AND CHARGE SYMMETRY
RELATIONS BETWEEN PARTIAL χ CONSERVED AXIAL-VECTOR CURRENT AXIAL-VECTOR CHARGE COMBINATION RELATIONS AND CONSPIRACY
SELF-ENERGY CONSIDERATIONS IN GENERAL RELATIVITY AND THE EXACT FIELDS OF CHARGE AND MASS DISTRIBUTIONS
TENSOR OPERATORS AND MASS FORMULA IN THE INTERNAL EXTENSION OF U - U SHAPE BY CHARGE CONJUGATION
ABUNDANCES AND ENERGY SPECTRA OF GALACTIC COSMIC-RAY NUCLEI ABOVE 20 MEV PER NUCLEON IN THE NUCLEAR CHARGE RANGE FROM

AFOSM66-6401
AFOSM66-1210
AFOSM66-1304
AFOSM66-1676
ARL 67-1870
AFOSM67-1870
AFOSM67-1884
ARL 68-1236
ARL 68-1730
ARL 68-2287
AFOSM67-2566
ARL 68-2695
AFOSM67-1000
AFOSM66-0565
AFOSM67-0565
AFOSM67-1372
AFOSM66-0136
AFOSM67-2241
AFOSM66-0482
AFOSM67-0439
AFOSM66-0503
AFOSM67-1900
ARL 68-1190
AFOSM67-2190
AFOSM66-2217
AFOSM67-2033
AFOSM67-2112
AFOSM67-1081

CHARGE-CARRIERS

ON THE NATURE OF CHARGE-CARRIERS IN LIQUID SELENIUM CONTAINING CHLORINE

AFOSM67-1371

CHARGE-COMMUTATION

SOME CONSEQUENCES OF THE SATURATION OF COVARIANT SUM RULES DERIVED FROM BLANK CHARGE-COMMUTATION RELATIONS

AFOSM66-1376

CHARGE-EXCHANGE

NUCLEON-ANTINEUTRON CHARGE-EXCHANGE SCATTERING USING U / 6 U / AND THE ABSORPTION MODEL

AFOSM66-0112

CHARGE-TO-MASS

CHARGE-TO-MASS RELATIONSHIPS FOR ELECTROHYDRODYNAMICALLY SPUN LIQUID DROPLETS

AFOSM66-0567

CHARGE-TRANSFER

CHARGE-TRANSFER COMPLEXES OF PLATINUM AND PYRIDINES

AFOSM66-0406

CHARGE

CHARGE COLLISION SIZED PARTICLES THE PROPULSION FINAL REPORT JAN 1968
CHARGE DOUBLE ION PRODUCTION IN He PLUS P SCATTERING AT 910 MEV/C
CHARGE DOUBLE ION PRODUCTION IN He PLUS P SCATTERING AT 910 MEV/C
TRANSPORT OF CHARGED PARTICLES THROUGH GASES AND PLASMAS FINAL REPORT MAR 1968
MAGNETICALLY CHARGED FIELDS WITH INTEGER SPIN
ELECTRICALLY CHARGED SURFACES AND THE PHOTOGRAPHIC PROCESS
MOBILITY OF A CHARGED IMPURITY IN A FERMI LIQUID
POTENTIAL OF A CHARGED CYLINDER
RESEARCH ON ELECTROSTATIC CHARGED DROPLET STREAMS, FINAL REPORT OCT 1967
MICROWAVE RADIATION OF SINGLY CHARGED HELIUM 3 FROM m II REGIONS
CORRECTION TO STOKES LAW FOR A CHARGED SPHERE MOVING IN A POLARIZABLE COMPRESSIBLE LIQUID
A CURRENT-ALGEBRA CALCULATION OF THE CHARGED RADIATIVE η DECAYS
GROUND STATE HYPERFINE SPLITTING OF SINGLY CHARGED HELIUM-3
ON THE DETECTION OF MAGNETIC MICROSTRUCTURES WITH CHARGED PARTICLES
RESEARCH DIRECTED TOWARD MEASUREMENT OF THE ENERGETIC CHARGED PARTICLE ENVIRONMENT IN NEAR-EARTH SPACE FINAL REPORT
A PHOTOMETRIC DEVICE FOR THE IDENTIFICATION OF MULTIPLE CHARGED PARTICLES STOPPING IN NUCLEAR EMULSIONS
SUM RULES KRAMERS-KRONIG RELATIONS AND TRANSPORT COEFFICIENTS IN CHARGED SYSTEMS
RESPONSE OF LITHIUM DOPED SILICON RADIATION DETECTORS TO HIGH ENERGY CHARGED PARTICLES

AFOSM66-0527
ARL 67-0193
ARL 68-0329
AFOSM67-0140
AFOSM67-0129
AFOSM67-2170
AFOSM66-0406
AFOSM67-1887
ARL 67-3211
AFOSM67-2527
AFOSM67-0210
AFOSM66-0123
AFOSM67-2519
AFOSM67-0453
AFOSM67-0231
AFOSM67-1200
AFOSM66-0418
AFOSM67-1674

CHARGES

ON THE COMMUTATION RULES BETWEEN AXIAL CHARGES AND AXIAL DIVERGENCES

AFOSM66-0567

CHARGING

ELECTROSTATIC CHARGING OF FLUID STREAMS
THE EFFECT OF HYDROGEN CHARGING ON THE PETCH RELATIONSHIP FOR ZONE-REFINED IRON

ARL 67-1384
ARL 67-0162

CHART

A FREQUENCY-DOMAIN STABILITY CHART FOR NONLINEAR FEEDBACK SYSTEMS

AFOSM66-1325

CHARTS

CUMULATIVE SUM CONTROL CHARTS AND THE WEIBULL DISTRIBUTION

AFOSM67-0682

CHATTER

CHATTER MOTION OF RANG-RANG CONTROLLERS

SRL 68-0016

CHERYSHEV

THE CHERYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL
THE CHERYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL
THE CHERYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL

ARL 67-1264
ARL 68-1243
ARL 68-1244

CHECKING

CHECKING AUTOMATA AND ONE-WAY STACK LANGUAGES
A SIMPLE RULE FOR CHECKING THE VALIDITY OF CERTAIN DETECTION FORMULAS
REGULAR EXPRESSIONS AND CHECKING EXPERIMENTS
AN ALGORITHMIC METHOD FOR ORGANIZING CHECKING EXPERIMENTS

AFOSM66-0241
AFOSM67-1700
AFOSM66-0418
AFOSM66-1082

CHELATE

THE ADSORPTION OF METAL CHELATE COMPLEXES FROM ORGANIC SOLUTIONS

ARL 67-1017

CHELATES

RARE EARTH CHELATES OF 1,1,1,2,2,3-HEPTAFLUORO-7,7-DIMETHYL-4,6-OCTANEDIONE
 NEW RHODIUM CHELATES OF HEPTAFLUOROACETYLACETONE
 VOLATILE RARE EARTH CHELATES
 VOLATILE RARE EARTH CHELATES OF BETA-DIKETONES
 VOLATILE RARE EARTH CHELATES OF BETA-DIKETONES
 VOLATILE RARE EARTH CHELATES OF 2,2,6,6-TETRAMETHYLHEPTANE-3,5-DIONE
 THE VOLATILE RARE EARTH CHELATES OF 1,1,1,2,2,3,3-HEPTAFLUORO-7,7-DIMETHYL-4,6-OCTANEDIONE
 THE VOLATILE RARE EARTH CHELATES OF 1,1,1,2,2,3,3-HEPTAFLUORO-7,7-DIMETHYL-4,6-OCTANEDIONE
 THE VOLATILE RARE EARTH CHELATES OF HEPTAFLUORO-OCTANEDIONE
 GAS CHROMATOGRAPHY OF METAL CHELATES OF HEPTAFLUORODIMETHYLOCTANEDIONE
 GAS CHROMATOGRAPHY OF METAL CHELATES
 PHYSICO-CHEMICAL MEASUREMENTS OF METAL CHELATES BY GAS-LIQUID PARTITION CHROMATOGRAPHY
 THE THERMAL DECOMPOSITION OF COPPER AND ZINC CHELATES OF N-SUBSTITUTED THIOPICOLINAMIDES
 VOLATILE RARE EARTH, ZIRCONIUM, AND HAFNIUM CHELATES OF BETA-DIKETONES
 VOLATILE RARE EARTH, ZIRCONIUM, AND HAFNIUM CHELATES OF BETA-DIKETONES
 A CRITICAL REVIEW OF THE GAS CHROMATOGRAPHY OF METAL CHELATES
 COORDINATION NUMBER OF THE RARE EARTHS IN SOME OF THEIR CHELATES
 GAS CHROMATOGRAPHY AND NUCLEAR MAGNETIC RESONANCE STUDIES OF SOME METAL CHELATES
 METAL ANALYSIS BY GAS CHROMATOGRAPHY USING FLUOROCARBON-CONTAINING BETA-DIKETONATE CHELATES
 VAPOR PRESSURES, HEATS OF VAPORIZATION, AND HEATS OF SUBLIMATION OF VOLATILE LANTHANIDE CHELATES

ARL 67-0132
 ARL 67-0066
 ARL 67-1046
 ARL 67-1137
 ARL 68-0063
 ARL 68-1307
 ARL 67-0094
 ARL 67-1014
 ARL 67-1047
 ARL 67-1342
 ARL 67-1122
 ARL 67-1178
 ARL 68-0034
 AFOSR67-0236
 ARL 67-1119
 ARL 68-1430
 ARL 68-1064
 ARL 68-1431
 ARL 67-1121
 ARL 68-1075
 ARL 67-1120

CHELATING

OXIDATION OF SOME CHELATING AGENTS AND COMPLEXES WITH ALKALINE FERRICYANIDE

AFOSR67-2832

CHELATION

MNSO₄ ASSOCIATION AND SULPHATE CHELATION A SOLVENT NMR STUDY

AFOSR67-0720

CHEMI-IONIZATION

EXPERIMENTAL STUDY OF CHEMI-IONIZATION
 EXPERIMENTAL DETERMINATION OF THE RATE OF CHEMI-IONIZATION PROCESSES

ARL 67-0155
 ARL 68-0351

CHEMICAL

CHEMICAL PROPERTIES OF LIQUID SPECIES FINAL REPORT JAN 1967
 CHEMICAL TRANSPORT IN NON-REFLECTIVE SYSTEMS
 CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES III THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH OXYGEN
 CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES II THE STRUCTURE OF THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH
 CHEMICAL COMPOSITIONS OF GASEOUS NITRILES AND PECULIAR STARS FINAL REPORT APRIL 1967
 CHEMICAL SHIFT NONEQUIVALENCE OF DIASTEREOTOPIC GROUPS IN SULFONIUM SALTS
 CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES
 CHEMICAL SHIFT NONEQUIVALENCE OF DIASTEREOTOPIC PROTONS DUE TO RESTRICTED ROTATION AROUND ARYL-NITROGEN BONDS IN
 CHEMICAL IONIZATION MASS SPECTROMETRY VII REACTIONS OF BENZENE IONS WITH BENZENE
 CHEMICAL REACTIONS IN MONOTHERMAL FIELDS
 CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES FINAL REPORT APRIL 1968
 CHEMICAL VAPOR DEPOSITION OF THIN FILM DIELECTRICS
 CHEMICAL DYNAMICS ON CRYSTAL SURFACES FINAL REPORT SEPT 1966
 CHEMICAL SOCIETY OF ZURICH--CONFORMATIONAL ANALYSES OF MOBILE SYSTEMS--METHODS AND RESULTS /GERMAN/
 CHEMICAL CHARACTERIZATION OF MOLECULES ADSORBED ON A FOREIGN SOLID FINAL REPORT NOV 1965
 CHEMICAL KINETICS OF ENTRY INTO THE MARTIAN ATMOSPHERE FINAL REPORT MAY 1967
 CHEMICAL IONIZATION MASS SPECTROMETRY. I. THE ISOMERIC NERANES
 CHEMICAL IONIZATION MASS SPECTROMETRY OF HYDROCARBONS
 CHEMICAL IONIZATION MASS SPECTROMETRY
 A CHEMICAL KINETIC STUDY OF SUBSTITUTION REACTIONS IN COORDINATION COMPOUNDS FINAL REPORT JUNE 1968
 THE CHEMICAL COMPOSITION OF PLANETARY NEBULAE
 BASIC CHEMICAL RESEARCH IN AUSTRALIA
 THEORY OF CHEMICAL KINETICS II FINAL REPORT 1966
 MODIFICATION OF CHEMICAL PROPERTIES OF IRON CYANIDES IN SOLID SOLUTIONS
 RADIATION DAMAGE AND CHEMICAL REACTIONS INDUCED IN CRYSTALLINE SOLIDS BY HIGH-ENERGY PROTON BOMBARDMENT FINAL REPORT
 A STUDY OF THE USE OF CHEMICAL ADDITIVES FOR THE ALLEVIATION OF THE PLASMA SHEATH PROBLEM
 THE INTERRELATIONS OF THE CHEMICAL SENSES
 COMPLEX MIXING MODELS FOR CHEMICAL REACTION SYSTEMS FINAL REPORT MAY 1967
 STUDIES OF THE PHYSICAL AND CHEMICAL PROPERTIES OF SOLID SURFACES FINAL REPORT NOVEMBER 1968
 STOCHASTIC MIXING MODELS FOR CHEMICAL REACTIONS
 A MECHANISTIC INTERPRETATION OF CHEMICAL IONIZATION MASS SPECTROMETRY
 THE ENHANCEMENT OF SHOCK WAVES BY CHEMICAL REACTIONS
 SUBSTITUENT EFFECTS ON FLUORINE-19 CHEMICAL SHIFTS IN SATURATED SYSTEMS
 TURBULENT CONCENTRATION FIELD UNDER CHEMICAL REACTIONS
 DIAGNOSTIC CRITERIA FOR THE STUDY OF CHEMICAL AND PHYSICAL PROCESSES BY TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY
 RESEARCH DIRECTED TOWARD THE STUDY OF CHEMICAL REACTIONS OF EXCITED ATMOSPHERIC SPECIES FINAL REPORT JUNE 1968
 A GENERAL FORMULATION AND SOLUTION OF CHEMICAL RATE EQUATIONS FOR USE IN NON-EQUILIBRIUM COMBUSTION STUDIES
 THEORETICAL AND EXPERIMENTAL STUDIES IN CHEMICAL PHYSICS FINAL REPORT NOV 1966
 MECHANOCHEMISTRY OF COUPLED CONTRACTILE AND CHEMICAL RATE PROCESSES FINAL REPORT DEC 1967
 GROUND STATES OF CONJUGATED MOLECULES X I OF NMR CHEMICAL SHIFTS IN ARYL FLUORIDES
 CONVECTIVE DIFFUSION LIMITATIONS ON THE RATES OF CHEMICAL REACTIONS AT SOLID SURFACES--KINETIC IMPLICATIONS
 NATURE OF THE INTERACTION OF SECONDARY ELECTRONS WITH CHEMICAL SYSTEMS
 MEASUREMENTS OF TURBULENCE AND DIFFUSION IN HIGH-ALTITUDE CHEMICAL CLOUDS FINAL REPORT JULY 1968
 THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES II PHYSICAL AND CHEMICAL PROPERTIES
 EFFECTS OF THE STEFAN-NUSSLETT FLOW ON THE APPARENT KINETICS OF HETEROGENEOUS CHEMICAL REACTIONS IN FORCED CONVECTION
 APPLICATION OF MULTILAYER ANALYZERS TO 15-150 Å FLUORESCENCE SPECTROSCOPY FOR CHEMICAL AND VALENCE ANALYSIS

AFOSR67-0044
 AFOSR67-0508
 AFOSR67-0665
 AFOSR67-0671
 AFOSR67-1065
 AFOSR67-1574
 AFOSR67-1898
 AFOSR67-2483
 AFOSR67-0329
 AFOSR67-1208
 AFOSR67-1757
 AFOSR67-1706
 AFOSR67-2308
 AFOSR67-2422
 AFOSR67-2774
 ARL 67-0113
 ARL 67-1102
 ARL 67-1132
 ARL 67-1171
 AFOSR67-1623
 AFOSR67-2501
 AFOSR67-1923
 ARL 67-0061
 AFOSR67-2844
 AFOSR67-0350
 AFOSR67-0693
 AFOSR67-2351
 AFOSR67-2723
 ARL 68-0194
 AFOSR67-2228
 ARL 67-1103
 ARL 67-1129
 AFOSR67-1591
 ARL 68-1471
 AFOSR67-0553
 AFOSR67-0466
 AFOSR67-2021
 AFOSR67-2041
 AFOSR67-0797
 AFOSR67-1988
 AFOSR67-2256
 AFOSR67-0941
 AFOSR67-0382
 AFOSR67-0986
 AFOSR67-0666
 AFOSR67-0035

CHEMICALLY

NOZZLE FLOW OF A CHEMICALLY REACTING AND A RADIATING IONIZED GAS
 INTERACTION OF A CHEMICALLY REACTING LAMINAR BOUNDARY LAYER AND AN ABLATING SURFACE PART I ANALYSIS
 VIBRATIONAL ENERGY TRANSFER FROM A MONOCYCLOUS STRIPS OF CHEMICALLY ACTIVATED RADICALS

AFOSR67-1307
 ARL 68-0029
 AFOSR67-2139

CHEMILUMINESCENCE

ON CHEMILUMINESCENCE FROM FLAMES
 NO-NO CHEMILUMINESCENCE STUDIES FROM FLIGHT AND WIND TUNNEL EXPERIMENTS FINAL REPORT JAN 1967
 A STUDY OF THE CHEMILUMINESCENCE FROM HYDROGEN ATOM-HYDRAZINE FLAMES
 STUDIES OF NITRIC OXIDE CHEMILUMINESCENCE USING BOUNDARY LAYER APPROXIMATIONS FINAL REPORT APR 1968
 COMBUSTION GAS EMITTED RADIATION AND CHEMILUMINESCENCE PHENOMENA IN SOLID-GAS REACTING SYSTEMS FINAL REPORT APRIL 1967

AFOSR67-2512
 AFOSR67-0193
 AFOSR67-1049
 AFOSR67-0143
 AFOSR67-1795

CHEMILUMINESCENT

ON CHEMILUMINESCENT RADIATION FROM NITROGEN DIOXIDE DURING PCA EVENTS
 NO-NO CHEMILUMINESCENT REACTION USING ADIABATICALLY EXPANDED NITRIC OXIDE

AFOSR67-1179
 AFOSR67-1995

CHEMILUMINESCENT - CONTINUED

COMPARISON OF CHEMILUMINESCENT AND UNKREH OBSERVATIONS OF OZONE
FURTHER APPLICATIONS OF THE CHEMILUMINESCENT METHOD FOR THE MEASUREMENT OF ATMOSPHERIC OZONE FINAL REPORT JAN 1967 AFCL67-0386
APCL67-0029

CHEMISORBED

TRENDS IN CHEMISORBED STRUCTURES ON (110) SURFACES OF FCC REFRACTORY METALS ARL 67-1129

CHEMISORPTION

CHEMISORPTION OF NITROGEN AND CO ON NICKEL AND PLATINUM
CHEMISORPTION OF CARBON MONOXIDE ON MOLYBDENUM AFCL68-0492
AFOSR67-1695

CHEMISTRY

CHEMISTRY OF POSITIVE IONS VI POSITIVE-ION CHEMISTRY IN SOLID METHANE
CHEMISTRY OF THE METAL CARBONYLS PART XL CARBOXYLATION OF RUTHENIUM TRICHLORIDE AFOSR67-1232
AFOSR67-2267
CHEMISTRY PROGRAM OF THE AIR FORCE OFFICE OF SCIENTIFIC RESEARCH FINAL REPORT OCT 1967 AFOSR67-2806
CHEMISTRY OF THE METAL CARBONYLS PART XLIII PERFLUOROALLENYL-RHENIUM AND IRON COMPLEXES AFOSR68-0869
CHEMISTRY OF THE METAL CARBONYLS PART XLV REACTIONS BETWEEN HEXAFLUOROBUTA-1,3-DIENE AND THE PENTACARBONYL HYDROIDES OF AFOSR68-1333
CHEMISTRY OF THE METAL CARBONYLS PART XLVI PERFLUOROBUTADIENYL IRON RHENIUM AND MANGANESE COMPLEXES AFOSR68-1335
AFOSR68-1336
CHEMISTRY OF THE METAL CARBONYLS PART XLIV REACTIONS OF PENTACARBONYLRHENIUM AFOSR68-2140
CHEMISTRY OF THE METAL CARBONYLS XLVIII COMPLEXES OF DEWAR HEXAFLUOROBENZENE AFOSR68-2814
CHEMISTRY OF THE METAL CARBONYLS PART XLIX DICARBONYL-PI- CYCLOPENTADIENYL RUTHENIUM FLUOROCARBON COMPLEXES ARL 67-1250
CHEMISTRY RESEARCH AT THE AEROSPACE RESEARCH LABORATORIES AFOSR67-1423
THE CHEMISTRY OF CARBANIONS X THE SELECTIVE ALKYLATION OF UNSYMMETRICAL KETONES AFOSR67-1427
THE CHEMISTRY OF CARBANIONS XI THE POTASSIUM AND LITHIUM ENOLATES DERIVED FROM CYCLIC KETONES AFOSR67-1431
THE CHEMISTRY OF CARBANIONS XII MICHAEL REACTIONS WITH 2-METHYLCYCLOPENTANONE AND 2-METHYLCYCLOHEXANONE AFOSR67-1432
THE CHEMISTRY OF CARBANIONS XIII THE ROLE OF COPPER IN THE CONJUGATE ADDITION OF ORGANOMETALLIC REAGENTS AFOSR67-1433
THE CHEMISTRY OF CARBANIONS VIII THE INTRAMOLECULAR ALKYLATION OF KETYL RADICAL ANIONS AFOSR67-1514
THE CHEMISTRY OF METALLOGENS I CARBONIUM ION STABILIZATION BY THE FERROCENYL GROUP AFOSR67-2679
THE CHEMISTRY OF CARBANIONS XIII THE NUCLEAR MAGNETIC RESONANCE SPECTRA OF VARIOUS METHYLMAGNESIUM DERIVATIVES AND AFOSR68-2485
THE CHEMISTRY OF CARBANIONS XV THE STEREOCHEMISTRY OF ALKYLATION OF 4-T-BUTYLCYCLOHEXANONE AFOSR68-2490
THE CHEMISTRY OF CARBANIONS XIV FACTORS INFLUENCING THE RATE OF ADDITION OF DIMETHYLMAGNESIUM TO NENXOPHENONE AFOSR68-2497
THE CHEMISTRY OF CARBANIONS XVII THE ADDITION OF METHYL ORGANOMETALLIC REAGENTS TO CYCLOHEXENONE DERIVATIVES AFOSR68-2627
THE CHEMISTRY OF CARBANIONS XVI THE STEREOCHEMISTRY OF ALKYLATION OF THE 1-ACETYL AND 1-CYANO DERIVATIVES OF AFOSR67-2733
SPACE CHEMISTRY AFOSR68-0330
SPACE CHEMISTRY ARL 68-0323
IONIC CHEMISTRY OF KETONES ARL 68-1094
IONIC CHEMISTRY OF KETONES ARL 68-1086
STEREO CHEMISTRY OF SELECTED COMPLEXES OF FIRST ROW TRANSITION ELEMENTS AFCL68-0487
CRYSTAL CHEMISTRY AND MAGNETIC RESONANCE PROPERTIES OF THE VANADATE GARNETS FINAL REPORT OCT 1968 AFOSR67-2737
CRYSTAL CHEMISTRY OF ABSURD STRUCTURES I INVESTIGATIONS ON ABSURD SECTIONS IN THE TERNARY SYSTEMS RARE EARTH-ALUMINUM- AFOSR68-0392
CRYSTAL CHEMISTRY OF NEW HIGH-PRESSURE PHASES FINAL REPORT JAN 1968 AFOSR68-1096
MOLYBDENUM CHEMISTRY II AFOSR68-1476
CRYSTAL CHEMISTRY OF SODIUM SCANDIUM TITANATE AND ITS ISOMORPHS AFOSR67-0952
SOLUTION CHEMISTRY FINAL REPORT MARCH 1967 ARL 67-1136
RADIATION CHEMISTRY OF PROPANE ARL 68-0006
RADIATION CHEMISTRY OF PROPANE ARL 68-1069
RADIATION CHEMISTRY OF PERFLUOROCARBONS AFOSR68-2843
STRUCTURAL CHEMISTRY AND BONDING IN INORGANIC COMPOUNDS FINAL REPORT DEC 1968 AFOSR67-2485
THE CRYSTAL CHEMISTRY OF SELECT. ABSURD RARE EARTH COMPOUNDS WITH SELENIUM TELLURIUM AND ANTIMONY ARL 67-1016
THE RADIATION CHEMISTRY OF CYCLOPENTANE ARL 68-1330
THE RADIATION CHEMISTRY OF GAS-PHASE CARBON TETRACHLORIDE- CARBON TETRAFLUORIDE MIXTURES AFOSR67-0598
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XV NEW OLEFINIC AND ACETYLENIC DERIVATIVES OF YUNGSTEN AFOSR67-0599
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVI POLYNUCLEAR CYCLOPENTADIENYLMETAL CARBONYLS OF IRON AND CORALY AFOSR67-0600
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVII CYCLOPENTADIENYL VANADIUM DIACETATE AFOSR67-0603
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVIII SOME NEW CYCLOPENTADIENYLMETAL NITROSYL DERIVATIVES OF AFOSR67-1573
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XX SOME REACTIONS OF ACETONITRILE DERIVATIVES OF MOLYBDENUM AND AFOSR67-1801
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XXI SOME PI-PENTAMETHYLCYCLOPENTADIENYL DERIVATIVES OF VARIOUS AFOSR68-0692
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XXII THE SYNTHESIS OF UNUSUAL CYCLOPENTADIENYLMOLYBDENUM NITROSYL AFOSR68-0830
THE PHYSICS AND CHEMISTRY OF GASES AT HIGH TEMPERATURES FINAL REPORT MARCH 1968 ARL 67-1115
PERCHLOROCARBON CHEMISTRY ARL 68-1329
PHOTONIZATION CHEMISTRY. STRUCTURE AND COLLISIONAL DEACTIVATION OF CSUBANSUB SUPPER PLUS IONS FROM ISOMERIC AFOSR67-1082
HIGH-TEMPERATURE CHEMISTRY CURRENT AND FUTURE PROBLEMS CONFERENCE ORGANIZED AT RICE UNIVERSITY HOUSTON TEXAS JANUARY AFOSR67-1703
ORGANOPHOSPHORUS CHEMISTRY IV THE REACTIONS OF TRIALKYL PHOSPHITES WITH ALPHA-HALO KETONES AFOSR67-0364
ADVANCED OXIDIZER CHEMISTRY AFOSR67-1521
ADVANCED OXIDIZER CHEMISTRY AFOSR67-1896
ADVANCED OXIDIZER CHEMISTRY AFOSR67-2645
ADVANCED OXIDIZER CHEMISTRY AFOSR68-1207
ADVANCED OXIDIZER CHEMISTRY FINAL REPORT APRIL 1968 AFOSR68-1209
ADVANCED OXIDIZER CHEMISTRY AFOSR68-1571
ADVANCED OXIDIZER CHEMISTRY AFOSR68-2088
ADVANCED OXIDIZER CHEMISTRY AFOSR68-2646
CONCEPTS OF SPACE CHEMISTRY ARL 67-1000
SOME ALKYL SILANE CHEMISTRY ARL 68-1432
THE STUDY OF SURFACE CHEMISTRY BY THE MOSSBAUER EFFECT AFOSR68-1885
THE NON-CHEMISTRY IN CHEMISTRY ARL 68-1303
SYSTEMATIC POSITRONIUM CHEMISTRY AFOSR68-2660
THE ROLE OF IMPERFECTION CHEMISTRY IN THE CHARACTERIZATION OF MATERIALS AFOSR67-1091
THE ROLE OF LOGIC AND MATHEMATICS IN CHEMISTRY ARL 68-1014
NONLINEAR DATA REDUCTION IN PHYSICAL CHEMISTRY ARL 67-1431
THIRD INFORMAL INTERNATIONAL HOT ATOM CHEMISTRY SYMPOSIUM LAFAYETTE INDIANA 1-2 APR 66 AFOSR67-0336
THE ROLE OF APPARATUS AND EQUIPMENT IN CHEMISTRY ARL 67-1012
APPLICATIONS FOR THE MOSSBAUER EFFECT IN CHEMISTRY AFOSR68-0208
CHEMISTRY OF POSITIVE IONS VI POSITIVE-ION CHEMISTRY IN SOLID METHANE AFOSR67-1232
FUNDAMENTAL STUDIES RELATING TO THE RADIATION CHEMISTRY OF SMALL ORGANIC MOLECULES FINAL REPORT JAN 1967 ARL 67-0114
THE ROLE OF ENGLISH LANGUAGES AND SYMBOLS IN CHEMISTRY ARL 68-1013
SYNAPTIC TRANSMISSION AND ITS RELATION TO SURFACE CHEMISTRY OF NERVE CELLS FINAL REPORT FEB 1968 AFOSR68-0529
THE ROLE OF LITERATURE, THEORY AND PREDICTIONS IN CHEMISTRY AFOSR67-1494
A PROGRAM TO ESTABLISH THE AFOSR PROGRAM FOR SPACE CHEMISTRY FINAL REPORT JULY 1967 AFOSR68-2854
CORRELATION BETWEEN PHOTOCHEMISTRY AND HIGH-ENERGY RADIATION CHEMISTRY ARL 67-1114
THE ATOM-CONNECTIVITY MATRIX /ACM/ AS A MATHEMATICAL ANALOG OF CHEMISTRY AFOSR68-1683
HIS /TRIMETHYLSILYLCHLOROMETHYL/ MERCURY A NEW AND USEFUL REAGENT IN SYNTHETIC ORGANOSILICON CHEMISTRY

CHEMOTHERAPY

PERFORMANCE AND BIOCHEMICAL RESPONSES RELATED TO SOCIAL CHANGES VERSUS CHEMOTHERAPY IN NONHUMAN PRIMATES /RHEMUS ARL 67-0023

CHEMOPH

GENERALIZATION OF THEOREMS CHERNOFF AND SAVAGE ON THE ASYMPTOTIC NORMALITY OF TEST STATISTICS AFOSR68-1276

CHESS

AN EXAMPLE OF HUMAN CHESS PLAY IN THE LIGHT OF CHESS PLAYING PROGRAMS AFOSR67-0260

CHINA	
BOOK PUBLISHING IN COMMUNIST CHINA	AFOSR67-0962
THE FILM INDUSTRY IN COMMUNIST CHINA	AFOSR67-0969
TRADITIONAL MEDICINE IN MODERN CHINA	AFOSR68-0992
RADIO BROADCASTING IN COMMUNIST CHINA	AFOSR67-0993
PRPSS AND JOURNALS IN COMMUNIST CHINA	AFOSR67-0985
PROPAGANDA CAMPAIGNS IN COMMUNIST CHINA	AFOSR67-0963
POWER AND PROGRESS IN REVOLUTIONIZING CHINA	AFOSR67-0674
THE USE OF TRADITIONAL MEDIA FOR MODERNIZATION IN COMMUNIST CHINA	AFOSR67-0981
CODING AND ANALYSIS OF DOCUMENTARY MATERIALS FROM COMMUNIST CHINA	AFOSR67-1187
STUDIES IN SOCIAL AND POLITICAL BEHAVIOR AND CHANGE COMMUNIST CHINA FINAL REPORT JUNE 1968	AFOSR68-1437
A GENERAL STUDY OF THE CHANNELS OF COMMUNICATION BETWEEN COMMUNIST CHINA AND THE WESTERN WORLD	AFOSR67-0994
CHINAS	
THE SCHOOL TEACHER A LINK TO CHINAS FUTURE	AFOSR68-2540
CHINESE	
CHINESE ATTITUDINAL REACTIONS TO FORCED COMPLIANCE A CROSS- CULTURAL EXPERIMENT IN THE THEORY OF COGNITIVE DISSONANCE	AFOSR67-0960
CHINESE COMMUNIST HISTORY - THE AUTUMN HARVEST INSURRECTION	AFOSR68-1414
PRELIMINARY REPORT ON CHINESE COMMUNIST INDOCTRINATION OF MILITARY PRISONERS OF WAR	AFOSR68-1410
TRANSFORMATIONS IN THE CHINESE COMMUNIST PARTY	AFOSR68-2301
CHIRAL	
CHIRAL DYNAMICS	AFOSR67-1863
CHIRAL TRANSFORMATIONS	AFOSR68-1329
CHLORIDE	
CUPROUS CHLORIDE IN HYDROCHLORIC ACID ANALYSIS AND SOLUBILITY	AFOSR68-0889
ALTERATIONS IN SODIUM CHLORIDE AND WATER INTAKE AFTER SEPTAL LESIONS IN THE RAT	AFOSR68-0416
IONIC REACTIONS IN ETHYL CHLORIDE	ARL 67-0195
IONIC REACTIONS IN ETHYL CHLORIDE	ARL 68-1080
IONIC REACTIONS IN ETHYL CHLORIDE	ARL 68-1122
A NEW REACTION OF THIONYL CHLORIDE WITH A CARBOXYLIC ACID IN THE PRESENCE OF A TERTIARY ANINE AN X-RAY	AFOSR67-2057
ELASTIC CONSTANTS OF SILVER CHLORIDE	AFOSR67-1634
HEAT OF FORMATION OF ALUMINUM CHLORIDE	AFOSR67-2636
IONIC POLYMERIZATION IN VINYL CHLORIDE	ARL 67-1126
DIFFUSION OF LEAD IONS IN SODIUM CHLORIDE	AFOSR67-1499
GROWTH OF SODIUM CHLORIDE-POTASSIUM CHLORIDE MIXED CRYSTALS FROM THE MELT	AFOSR67-0825
HEATS OF FORMATION OF A-ALPHA-BERYLLIUM CHLORIDE AND A -ALPHA AND B-BERYLLIUM NITRIDE	AFOSR67-0864
POLYMERIZATION OF STYRENE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM VANADIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS	AFOSR67-2643
DIFFUSION OF LEAD IONS IN PURIFIED SODIUM CHLORIDE CRYSTALS	AFOSR68-1834
ANTIPERROMAGNETISM IN DERIBIDIUM MANGANOUS CHLORIDE DIHYDRATE	AFOSR68-0051
IONIC REACTIONS IN THE RADIOLYSIS OF ETHYL CHLORIDE	ARL 68-1121
AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE	ARL 68-1190
AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE	ARL 68-1377
POLYMERIZATION OF VINYLCHLORHEXANE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS	AFOSR67-2844
VOLTAMMETRIC AND SPECTRAL STUDIES ON ZIRCONIUM IN CHLORIDE MEDIA IN ACETONITRILE	AFOSR68-2200
AMPLITUDE INDEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE	ARL 68-1149
SOLUBILITY AND COMPLEX FORMATION EQUILIBRIA OF SILVER CHLORIDE IN PROPYLENE CARBONATE	AFOSR67-1500
HIGH TEMPERATURE ACID-BASE REACTIONS-II METHYL-/AMMONIUM CHLORIDE WITH CERTAIN METAL OXIDES	AFOSR68-1135
DISCUSSION OF CADMIUM 2 PLUS IONS IN SINGLE-CRYSTAL SODIUM CHLORIDE	AFOSR67-0445
A STUDY OF SOME FACTORS WHICH INFLUENCE THE GROWTH OF CUPROUS CHLORIDE IN SILICA GEL	AFOSR67-2422
1 2-AND 1 4-ADDITION PRODUCTS FROM THE REACTION OF BENZYL MAGNESIUM CHLORIDE AND TRANS-ALPHA-PHENYLCHALCONE	AFOSR67-2020
A THERMOANALYTICAL STUDY OF SEVERAL COBALT /II/ CHLORIDE-AMINE ONIUM CHLORIDE SYSTEMS	ARL 67-0272
AMPLITUDE-DEPENDENT AND AMPLITUDE-INDEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE	AFOSR67-2643
POLYMERIZATION OF STYRENE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM VANADIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS	AFOSR67-0380
MILLIMETER- AND SUBMILLIMETER-WAVE SPECTRA AND MOLECULAR CONSTANTS OF SILVER CHLORIDE	AFOSR67-1833
EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC CONSTANTS OF SODIUM CHLORIDE	AFOSR67-2036
LONGITUDINAL SOUND VELOCITIES OF GRANULAR COMPACTS OF AMMONIUM PERCHLORATE AND POTASSIUM CHLORIDE	AFOSR68-0701
A COMPUTATION OF THE POINTS/GAMMA AND CMI FOR THE VALENCE AND CONDUCTION BANDS OF SODIUM CHLORIDE	AFOSR67-0813
NUCLEAR MAGNETIC RESONANCE STUDY OF ELECTRON-COUPLED INTERNUCLEAR INTERACTIONS IN THALLIUM CHLORIDE	AFOSR67-1275
HALOMETHYL-METAL COMPOUNDS VIII THE REACTION OF PHENYL /TRIMALOMETHYL/ MERCURY COMPOUNDS WITH HYDROGEN CHLORIDE	
CHLORIDE-AMINE	
A THERMOANALYTICAL STUDY OF SEVERAL COBALT /II/ CHLORIDE-AMINE ONIUM CHLORIDE SYSTEMS	AFOSR67-2020
CHLORIDE-POTASSIUM	
GROWTH OF SODIUM CHLORIDE-POTASSIUM CHLORIDE MIXED CRYSTALS FROM THE MELT	AFOSR67-0825
CHLORIDES	
IONIC POLYMERIZATION IN METHYL, ETHYL AND VINYL CHLORIDES	ARL 67-1106
CHLORINE	
CHLORINE /III/ OXIDE A NEW CHLORINE OXIDE	AFOSR67-1974
CHLORINE AND DEUTERON RELAXATION TIME MEASUREMENTS IN LIQUID HCl AND DCI	AFOSR67-2560
SOLID FLUORINE AND SOLID CHLORINE CRYSTAL STRUCTURES AND INTERMOLECULAR FORCES	AFOSR68-2755
CHLORINE /III/ OXIDE A NEW CHLORINE OXIDE	AFOSR67-1974
THE REACTION OF HYDRAZINE AND CHLORINE PENTAFLUORIDE IN A LABORATORY ROCKET COMBUSTOR	AFOSR68-1294
THE EXPLOSIVE DECOMPOSITION OF CHLORINE DIOXIDE	AFOSR68-2408
ON THE NATURE OF CHARGE-CARRIERS IN LIQUID SELENIUM CONTAINING CHLORINE	AFOSR67-1311
CHLORINE-DOPED	
GREEN EDGE EMISSION BANDS IN CHLORINE-DOPED CADMIUM SULFIDE	ARL 68-0300
CHLORINE-35	
CHLORINE-35 NUCLEAR QUADRUPOLE RESONANCE AND THE STRUCTURE OF THE DICHLORIDE ION IN TETRAMETHYLAMMONIUM DICHLORIDE	AFOSR67-0679
CHLOROCARBON	
ION-PAIR REACTIONS IN SELECTED CHLOROCARBON COMPOUNDS	ARL 67-1105
CHLOROCARBONS	
THE CHLOROCARBONS/ ANTHOLOGY /I/ FINAL REPORT AUG 1967	ARL 67-0167
ALKAROMATIC CHLOROCARBONS	ARL 67-1118
SYNTHESIS AND PROPERTIES OF ALKAROMATIC CHLOROCARBONS, FINAL REPORT JUN 1968	ARL 68-0107

CHLOROHYDRIN	
REACTIONS IN FROZEN SOLUTIONS VI THE REACTION OF ETHYLENE CHLOROHYDRIN WITH HYDROXYL ION IN ICE	AFOSR67-0089
CHLOROMETHAMPHETAMINE	
SUPPRESSION OF SLEEP BY P CHLOROMETHAMPHETAMINE AND P CHLOROPHENYLALANINE /FRENCH/	AFOSR67-2863
CHLOROPHENYLALANINE	
SUPPRESSION OF SLEEP BY P CHLOROMETHAMPHETAMINE AND P CHLOROPHENYLALANINE /FRENCH/	AFOSR67-2863
CHLOROPLAST	
STUDIES ON THE MANGANESE OF THE CHLOROPLAST	AFOSR68-0498
CHLOROPLASTS	
PHOTOSYNTHETIC REACTIONS OF CHLOROPLASTS WITH UNUSUAL STRUCTURES	AFOSR68-0496
CHLOROSULFONIC	
CORROSION BY CHLOROSULFONIC ACID FINAL REPORT OCT 1967	AFCL67-0813
CHLOROSULFONYL	
THE REACTION OF CHLOROSULFONYL ISOCYANATE WITH BRIDGED BI-AND TRICYCLIC OLEFINS	AFOSR68-0664
CHOLESTERIC	
ELECTRIC-FIELD-INDUCED OPTICAL ROTATION IN CHOLESTERIC LIQUID CRYSTALS	AFOSR68-2070
CHOLINERGIC	
CHOLINESTERASE ACTIVITY OF THE NICITATING MEMBRANE REINNERVATED BY CHOLINERGIC FIBERS	AFOSR68-2731
CHOLINESTERASE	
CHOLINESTERASE ACTIVITY OF THE NICITATING MEMBRANE REINNERVATED BY CHOLINERGIC FIBERS	AFOSR68-2731
CHONDRITE	
SIGNIFICANCE OF IRON-RICH SILICATES IN THE REZO-MADARAS CHONDRITE	AFCL67-0012
RESEARCH DIRECTED TOWARD THE ELECTRON MICROANALYSIS OF MINERAL PHASES IN CHONDRITE METEORITES FINAL REPORT SEPT 1967	AFCL67-0599
CHOU	
A SINO-SOVIET CULTURAL FRONTIER THE ELI KAZAKH AUTONOMOUS CHOU	AFOSR67-0200
CHROMATE	
ELECTRONIC STRUCTURE OF THE MANGANATE CHROMATE VANADATE ION FROM THE METAL POTASSIUM X-RAY SPECTRA	AFOSR67-0493
CHROMATICITY	
COMMENTS ON TECHNIQUES APPLICABLE TO DETERMINATIONS OF SPATIAL DISTRIBUTION OF INTENSITY AND CHROMATICITY	ARL 68-0241
CHROMATOGRAPHIC	
GAS CHROMATOGRAPHIC SEPARATION OF CARBONYL FLUORIDE AND CARBON DIOXIDE	AFOSR68-0461
GAS CHROMATOGRAPHIC SEPARATION OF LOW MOLECULAR WEIGHT FLUOROCARBONS	AFOSR68-1199
GAS CHROMATOGRAPHIC DETECTION OF IN VIVO ACTIVITY OF EQUINE INFECTIONS ANEMIA VIRUS	AFOSR68-2178
RAPID AND ULTRA-SENSITIVE METAL ANALYSIS BY NEW GAS CHROMATOGRAPHIC TECHNIQUES	ARL 67-1123
MEASUREMENT OF PERMANENT GASES BY A FLAME EMISSION GAS CHROMATOGRAPHIC DETECTOR	AFOSR67-2810
ESTIMATION OF LIMITS OF DETECTION FOR THE FLAME EMISSION GAS CHROMATOGRAPHIC DETECTOR	AFOSR68-0337
CHROMATOGRAPHY	
CHROMATOGRAPHY AND SOLVENT EXTRACTION OF ORGANOMETALLIC COMPLEXES FINAL REPORT SEP 1967	ARL 67-0191
GAS CHROMATOGRAPHY FOR DETECTION OF VIRAL INFECTIONS	AFOSR68-2176
GAS CHROMATOGRAPHY AND NUCLEAR MAGNETIC RESONANCE STUDIES OF SOME METAL CHELATES	ARL 67-1121
GAS CHROMATOGRAPHY OF METAL CHELATES OF HEPTAFLUORODIMETHYLOCTANEDIONE	ARL 67-1122
GAS CHROMATOGRAPHY OF METAL CHELATES	ARL 68-1178
APPLICATION OF GAS CHROMATOGRAPHY TO METAL ANALYSES	ARL 68-1008
METAL ANALYSIS BY GAS CHROMATOGRAPHY USING FLUOROCARBON- CONTAINING BETA-DIKETONATE CHELATES	ARL 68-1075
METAL ANALYSIS BY GAS CHROMATOGRAPHY	ARL 68-1084
METAL MICROANALYSIS BY GAS CHROMATOGRAPHY	ARL 68-1044
A CRITICAL REVIEW OF THE GAS CHROMATOGRAPHY OF METAL CHELATES	ARL 68-1064
INVESTIGATION OF HIGH TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES	ARL 67-0904
INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES	ARL 68-0986
INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES FINAL REPORT NOVEMBER 1968	ARL 68-0212
THE FUTURE OF IR/MS METAL ANALYSIS BY GAS CHROMATOGRAPHY	ARL 68-1043
IDENTIFICATION OF TOXIC AND THE IR USE IN GAS CHROMATOGRAPHY	AFOSR68-0690
DIFFERENTIATION OF STREPTOCOCCUS STRAINS BY GAS CHROMATOGRAPHY	AFOSR68-2179
RAPID AND SENSITIVE DETECTION OF BACTERIA BY GAS CHROMATOGRAPHY	AFOSR68-2177
RAPID ULTRA-TRACE DETERMINATION OF BERYLLIUM BY GAS CHROMATOGRAPHY	ARL 68-0140
RAPID MICROANALYSIS OF BERYLLIUM IN BIOLOGICAL FLUIDS BY GAS CHROMATOGRAPHY	ARL 68-1489
QUANTITATIVE ANALYSES FOR ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY	ARL 68-1430
ULTRASENSITIVE DETECTION OF CERTAIN MICROBIAL METABOLITES BY GAS CHROMATOGRAPHY	AFOSR67-2569
PHYSICOCHEMICAL MEASUREMENTS OF METAL CHELATES BY GAS-LIQUID PARTITION CHROMATOGRAPHY	ARL 68-0034
CHROMIUM	
COMPLEXES OF CHROMIUM /II/ WITH SOME N-SUBSTITUTED ETHYLENEDIAMINETRIACETIC ACIDS	AFOSR67-2657
THE TEXTURE OF CHROMIUM DIOXIDE CATALYSTS	AFOSR68-0685
SPECTROSCOPIC CONSIDERATIONS OF CALCIUM DOPED LITHIUM GERMANATE AS A POSSIBLE LASER MATERIAL	AFCL68-0370
THE RECRYSTALLIZATION OF 99.997 PER CENT CHROMIUM	AFOSR67-0163
THE PREPARATION OF 1,2 AND 1,3 CIS DIALKYLPROPANEDIAMINE CHROMIUM HALIDE COMPLEXES BY THE THERMAL MATRIX METHOD	AFOSR67-1697
PHOTOREDUCTION INVESTIGATION OF THE ELECTRONIC STRUCTURE OF CHROMIUM	AFOSR68-0920
ELECTRON SPIN POLARIZATION IN FIELD-COOLING ANTIFERROMAGNETIC CHROMIUM	ARL 68-1483
EFFECT OF N-METHYLIMINOACETIC ACID AS A NON-BRIDGING LIGAND IN THE CHROMIUM /II/-CHROMIUM /II/ ELECTRON-TRANSFER	AFOSR68-2807
CHROMOSOME	
ATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE	AFOSR67-0710
ATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE	AFOSR67-1569

CHROMOSOMES	
FINE STRUCTURE OF MEIOTIC CHROMOSOMES	AFOSR66-2173
CHROMOSPHERE	
INFLUENCE OF THE DISSIPATION OF MECHANICAL ENERGY ON THE TEMPERATURE OF THE LOW CHROMOSPHERE	AFOSR66-0080
CHRONIC	
ELECTROCORTICOGRAM IN THE CHRONIC ISOLATED HEMISPHERE OF THE CAT EFFECT OF ATROPINE AND ESERINE	AFOSR67-0916
EFFECTS OF PENTAMETHYLENETETRAZOL IN CHRONIC CATS WITH MESENCEPHALIC TRANSECTION	AFOSR67-0495
BEHAVIORAL AND POLYGRAPHIC STUDY OF SLEEP AND WAKEFULNESS IN CHRONIC DECEBERATE CATS	AFOSR67-0460
REACTIVITY CHANGES IN THE CENTRAL NERVOUS SYSTEM CONCOMITANT WITH CHRONIC FEAR AND FOOD DEPRIVED STATES	AFOSR68-0663
CATECHOLAMINE EXCRETION IN ADRENAL-DENEURATED RATS EXPOSED TO COLD AFTER CHRONIC GUANETHIDINE TREATMENT	AFOSR67-0501
THE EFFECT OF OXYTOCIN AND ADRENALINE ON BLOOD FLOW IN THE HIND LIMB OF THE DOG FOLLOWING CHRONIC LUMBAR SYMPATHECTOMY	AFOSR67-2872
CHROMOCOULOMETRIC	
CHROMOCOULOMETRIC MEASUREMENT OF INDIUM/III/ ADSORPTION FROM THIOCYANATE MEDIUM	AFOSR68-0729
INSTRUMENT FOR FUNCTIONAL READOUT OF CHROMOCOULOMETRIC DATA APPLICATION TO CADMIUM ADSORPTION FROM IODIDE MEDIUM	AFOSR67-0750
CHRONOPOTENTIOMETRY	
INTERMEDIATES IN ANODIC OXIDATION OF CARBOXYLATES CHRONOPOTENTIOMETRY	AFOSR68-2910
CILIA	
CILIA REGENERATION IN THE SEA URCHIN EMBRYO	AFOSR67-0205
CILIA REGENERATION IN THE SEA URCHIN EMBRYO EVIDENCE FOR A POOL OF CILIARY PROTEINS	AFOSR67-0206
CIRCADIAN	
THE CONTROL OF CIRCADIAN ACTIVITY IN COCKROACHES	AFOSR68-2174
THE DURATION OF RE-ENTRAINMENT OF CIRCADIAN RHYTHMS AFTER PHASE SHIFTS OF THE ZEITGEBER	AFOSR67-0490
CIRCLING	
ANALYSIS OF A CIRCLING LINE	ARL 66-1300
CIRCUIT	
SIMPLE CIRCUIT FOR HERNST GLOWER CONTROL	AFOSR68-0019
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS- PART I THE SINGLE ENERGY LEVEL DEFECT CENTERS	AFOSR67-1630
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS - PART II THE MULTIPLE ENERGY LEVEL IMPURITY CENTERS	AFOSR67-1706
INVESTIGATION OF LOGIC CIRCUIT COMPLEXES UNIVERSAL FUNCTION MODULES FINAL REPORT APR 1967	AFOSR67-0243
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS	AFOSR67-0547
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS	AFOSR67-0684
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS	AFOSR68-0167
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS	AFOSR68-0372
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS FINAL REPORT JULY 1968	AFOSR68-0465
STATE-VARIABLE SYNTHESIS FOR INSENSITIVE INTEGRATED CIRCUIT TRANSFER FUNCTIONS	AFOSR68-0942
A SHORT-CUT METHOD OF COMPUTING THE DRUNE AND BOTT-DUFFIN CIRCUIT REALIZATIONS OF POSITIVE REAL BI-ORDER IMMITTANCE	AFOSR67-0136
OSCILLATORS MODULATORS AND MIXERS SUITABLE FOR INTEGRATED CIRCUIT REALIZATION	AFOSR67-1178
ANALYSIS OF RADIATION INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS	AFOSR67-0571
ANALYSIS OF RADIATION-INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS FINAL REPORT FEB 1968	AFOSR68-0200
LEVELS OF RESPONSIVENESS TO FOOD OR ITS ABSENCE AND THE VERTICAL LOBE CIRCUIT OF OCTOPUS VULGARIS LAMARCK	AFOSR68-0291
CAPACITY OF AN ADDITIVE GAUSSIAN COLORED NOISE CHANNEL WITH NOISELESS FEEDBACK ALLERTON CONFERENCE ON CIRCUIT AND	AFOSR68-2331
CIRCUITS	
UNIVERSAL LOGIC CIRCUITS AND THEIR MODULAR REALIZATIONS	AFOSR68-1539
USING ELECTRONIC CIRCUITS TO MODEL SIMPLE NEUROELECTRIC INTERACTIONS	AFOSR68-2116
LINEAR SEQUENTIAL CIRCUITS ANALYSIS SYNTHESIS AND APPLICATIONS	AFOSR68-0036
GENERATION OF ALL HAMILTONIAN CIRCUITS PATHS AND CENTERS OF A GRAPH AND RELATED CIRCUITS	AFOSR67-1727
SYNTHESIS OF LINEAR SEQUENTIAL CIRCUITS FROM INPUT-OUTPUT RELATIONS	AFOSR68-2057
MATHEMATICAL THEORY OF SWITCHING CIRCUITS AND AUTOMATA UNIVERSITY OF CALIF PRESS 1968 FINAL REPORT SEPT 1968	AFOSR68-2318
MATHEMATICAL STUDIES OF NONLINEAR CIRCUITS FINAL REPORT FEB 1968	AFOSR68-0643
STABILITY OF PASSIVE TIME-VARIABLE CIRCUITS	AFOSR67-0773
GROUNDING OF CAPACITORS IN INTEGRATED CIRCUITS	AFOSR67-1466
EFFICIENT NUMERICAL ANALYSIS OF NONLINEAR CIRCUITS	AFOSR68-2142
APPLICATION OF LINEAR GRAPH THEORY TO PRINTED CIRCUITS	AFOSR68-2127
HAZARDS IN COMBINATIONAL AND SEQUENTIAL SWITCHING CIRCUITS A SURVEY	AFOSR68-0370
MULTIPARAMETER SENSITIVITY IN ACTIVE RC INTEGRATED CIRCUITS	AFOSR67-0667
GRATOR AND STATE-VARIABLE RESULTS FOR LINEAR INTEGRATED CIRCUITS	AFOSR68-2594
TECHNIQUES FOR THE OPTIMAL DESIGN AND SYNTHESIS OF SWITCHING CIRCUITS	AFOSR68-2806
A QUASILOSSLESS TIME-VARIABLE SYNTHESIS SUITABLE FOR INTEGRATED CIRCUITS	AFOSR68-0867
GENERATION OF ALL HAMILTONIAN CIRCUITS PATHS AND CENTERS OF A GRAPH AND RELATED CIRCUITS	AFOSR67-1727
CIRCULAR	
CIRCULAR ANTENNA ARRAYS HAVING TANGENTIAL DIPOLES AS ELEMENTS	AFOSR68-0271
STUDY OF CIRCULAR ARRAYS OF RADIAL AND TANGENTIAL DIPOLES	AFOSR67-0206
STUDY OF CIRCULAR ARRAYS OF RADIAL AND TANGENTIAL DIPOLES FINAL REPORT FEB 1968	AFOSR68-0167
THE FLOW PAST A CIRCULAR CYLINDER WHICH IS STARTED IMPULSIVELY FROM REST	AFOSR68-0349
FORCED MOTION OF CIRCULAR PLATES	AFOSR67-0545
HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS II EXPERIMENTAL RESULTS AND COMPARISON WITH THEORY	AFOSR67-2061
HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS I THEORY FOR VARIABLE PROPERTY FLOW	AFOSR67-2065
LIQUID MOTION IN A CIRCULAR CYLINDRICAL CONTAINER WITH A FLEXIBLE BOTTOM	AFOSR68-0221
HEAT TRANSFER FROM A CIRCULAR CYLINDER BY ACOUSTIC STREAMING	ARL 68-0334
DYNAMIC BUCKLING OF A CIRCULAR RING CONSTRAINED IN A RIGID CIRCULAR SURFACE	AFOSR67-1945
FREE MOLECULAR FLOW IN A CIRCULAR TUBE OF FINITE LENGTH	ARL 67-1070
AN ELASTO-PLASTIC ANALYSIS OF CIRCULAR RINGS WITH TEMPERATURE DEPENDENT YIELD STRESS	AFOSR67-2836
FREE MOLECULAR FLOW THROUGH A CIRCULAR TUBE OF FINITE LENGTH	ARL 68-0114
CREEP STRESS CONCENTRATION AT A CIRCULAR HOLE IN AN INFINITE PLATE	AFOSR67-1309
BUCKLING OF A TOTALLY CONSTRAINED CIRCULAR RING UNDER DISTRIBUTED LOADING	AFOSR67-2808
A COMPARISON BETWEEN A N-ELEMENTS CIRCULAR ARRAY AND AN ELECTRICALLY THICK TUBULAR DIPOLE ANTENNA WITH EQUIVALENT	AFOSR67-0258
TEMPERATURE TIME HISTORY OF RIGHT CIRCULAR CYLINDER IN HYPERSONIC FLOW	ARL 68-0149
MAXIMIZATION OF DIRECTIVE GAIN FOR CIRCULAR AND ELLIPTICAL ARRAYS	AFOSR67-0402
SCATTERING BY A SPHERICAL SHELL WITH A CIRCULAR APERTURE	AFOSR68-0030
THE VISCOUS INCOMPRESSIBLE FLOW PAST A CIRCULAR CYLINDER AT MODERATE REYNOLDS NUMBERS	AFOSR68-1644
PLASTIC BUCKLING OF PLASTIC COLLAPSE OF CIRCULAR TUBES UNDER HYDROSTATIC PRESSURE	AFOSR67-2839
EXPERIMENTS ON VIBRATION SHEDDING FROM YAWED CIRCULAR CYLINDER	AFOSR68-1422
A NOTE ON THE CREEP OF VARIABLE THICKNESS CIRCULAR PLATES	AFOSR68-1773
WALL SHEAR STRESS DISTRIBUTION FOR FLOW AROUND A CIRCULAR CYLINDER AT REYNOLDS NUMBER BETWEEN 60 AND 360	AFOSR67-2355
DYNAMIC BUCKLING OF A CIRCULAR RING CONSTRAINED IN A RIGID CIRCULAR SURFACE	AFOSR67-1945
INTERACTION OF MECHANICAL AND AERODYNAMIC INSTABILITIES OF A CIRCULAR CYLINDRICAL SHELL	AFOSR67-0627
COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC FLUTTER OF CIRCULAR CYLINDRICAL SHELLS	AFOSR68-0239

CIRCULAR

- CONTINUED

ELECTRODELESS DETERMINATION OF SEMICONDUCTOR CONDUCTIVITY FROM CIRCULAR ELECTRIC FIELD MODE REFLECTIVITY ON COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC FLUTTER OF CIRCULAR CYLINDRICAL SHELLS
TORSIONAL VIBRATIONS OF HOMOGENEOUS AND SANDWICH SPHERICAL CAPS AND CIRCULAR PLATES
ON THE FLEXURE OF AN INFINITE ELASTIC PLATE CONTAINING A LARGE UNSTRESSED CIRCULAR HOLE
EXPERIMENTAL OBSERVATIONS ON THE NONLINEAR FLEXURAL VIBRATIONS OF THINWALLED CIRCULAR CYLINDERS
EXPERIMENTAL VELOCITY PROFILE DETERMINATIONS IN WHO FLOW THROUGH A DIELECTRIC CIRCULAR CHANNEL
CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL SHELLS OF MOMENTUM AND HEAT TRANSFER IN LAMINAR FLOW OF GAS WITH LIQUID DROPLET SUSPENSION OVER A CIRCULAR CYLINDER
AN EXPERIMENTAL STUDY OF THE EFFECT OF LENGTH ON THE BUCKLE PATTERN OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS
A TWO-DIMENSIONAL ULTRASONIC MODEL STUDY OF COMPRESSIONAL AND SHEAR-WAVE DIFFRACTION PATTERNS PRODUCED BY A CIRCULAR

AFOSR67-1645
AFOSR67-0836
AFOSR67-1982
AFOSR68-0816
AFOSR68-0516
ARL 68-1191
AFOSR68-0471
ARL 67-0288
AFOSR67-1981
AFOSR68-1442

CIRCULARLY

CIRCULARLY POLARIZED ULTRASONIC SHEAR WAVES IN METALS
MAGNETOACOUSTIC ATTENUATION OF CIRCULARLY POLARIZED ULTRASOUND IN SN AL AND SB
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES PART I CIRCULARLY SYMMETRIC LIGHT

AFOSR68-0657
AFOSR68-0724
ARL 67-0036

CIRCULATION

A STRATOSPHERIC GENERAL CIRCULATION EXPERIMENT INCORPORATING DIABATIC HEATING AND OZONE PHOTOCHEMISTRY
FLUCTUATING WINDS AND THE OCEAN CIRCULATION
A NUMERICAL STUDY OF THE GENERAL CIRCULATION OF THE ATMOSPHERE
A SIMPLE LABORATORY MODEL FOR THE OCEANIC CIRCULATION

AFCL67-0344
AFOSR67-2118
AFCL68-0291
AFOSR67-0981

CIRCULATIONS

RESEARCH ON FLUID DYNAMICAL MODELS OF THE LARGE SCALE ATMOSPHERIC CIRCULATIONS FINAL REPORT APR 1967

AFCL67-0166

CIRCUMFERENTIAL

STUDY OF THE SCATTERING BEHAVIOR OF A SPHERE WITH AN ARBITRARILY PLACED CIRCUMFERENTIAL SLOT

AFCL67-0111

CIS-4A

CIS-4A 5 B 8A-TETRAHYDRO-6 7-DI/BROMOMETHYL/ NAPHTHOQUINONE FROM 2 3-DI/BROMOMETHYL/-13-BUTADIENE

AFOSR68-0735

CISAND

NONPLANAR CYCLOBUTANE TEMPERATURE DEPENDENCE OF INFRARED SPECTRA OF CISAND TRANS-METHYL

AFOSR68-0407

CISLUNAR

INVESTIGATION OF MOTION IN CISLUNAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
INVESTIGATION OF MOTION IN CISLUNAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL

ARL 67-1007
ARL 68-1328

CIVIL

ATTITUDES TOWARD CIVIL LIBERTIES A CROSS-CULTURAL STUDY

AFOSR67-0635

CIVILIAN

THE ISRAELI ARMY IN POLITICS THE PERSISTENCE OF THE CIVILIAN OVER THE MILITARY

AFOSR68-2545

CLAMPED

NON-EXISTENCE OF SNAP-THROUGH FOR CLAMPED SHALLOW ELASTIC ARCHES SUBJECTED TO IMPULSIVE LOADING
ASYMMETRIC DYNAMIC SNAP-THROUGH OF ELASTIC CLAMPED SHALLOW SPHERICAL SHELLS
AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO THE STRESS ANALYSIS OF A CLAMPED RECTANGULAR PLATE

AFOSR68-0770
AFOSR68-0449
AFOSR67-1580

CLARIFICATION

CLARIFICATION OF DISCREPANCIES IN THE CHARACTERIZATION OF LANTHANUM 3 RIES COMPLEXES OF 2,2,6,6-TETRAMETHYL-3,5-

ARL 67-0213

CLASS

CLASS OF SOLUTIONS OF THE AXISYMMETRIC BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER
A CLASS OF NONLINEAR ERROR-CORRECTING CODES BASED UPON INTERLEAVED TWO-LEVEL SEQUENCES
A CLASS OF FUNCTIONAL EQUATIONS OF NEUTRAL TYPE
A CLASS OF CONFORMAL MAPPINGS
A CLASS OF CONTINUOUS CONVEX PROGRAMMING PROBLEMS
A CLASS OF AGGREGATE MULTIPLE DECISION PROCEDURES
ON A CLASS OF C ALGEBRAS
ON A CLASS OF MATRIX EQUATIONS
ON A CLASS OF PERTURBATIONS OF THE HARMONIC OSCILLATION
ON A CLASS OF GENERALIZED POLYNOMIAL COINCIDENCE CORRELATORS
ON A CLASS OF SELECTION AND RANKING PROCEDURES
HOMOGENEOUS CLASS OF GREEN'S FUNCTIONS IN REGULARIZED 9 PLUS 4 THEORY
SOLUTIONS OF A CLASS OF SINGULAR INTEGRAL EQUATIONS
A SOLUTION FOR A CLASS OF PROBLEMS OF LINEAR SYSTEM OPTIMIZATION / GENERAL
REALIZATION OF A CLASS OF SWITCHING FUNCTIONS BY THRESHOLD LOGIC NETWORKS
EXACT INVARIANTS FOR A CLASS OF NONLINEAR WAVE EQUATIONS
ORIGINAL PROBLEMS FOR A CLASS OF FUNCTIONALS DEFINED ON CONVEX SETS
EXTREMAL PROBLEMS IN THE CLASS OF CLOSE-TO-CORNER FUNCTIONS
STATISTICAL DESCRIPTION OF A CLASS OF NEURAL NETWORK CHANNELS USING EXPANSIONS BASED ON THE LOGNORMAL DISTRIBUTION
SERIAL FORM AND STABILITY OF A CLASS OF COUPLED NONLINEAR NETWORKS
GENERALIZATION OF GAUSS THEORY CLASS FIELD THEORY AND QUASI-FINITE FIELDS
ON IRREDUCIBLE REPRESENTATION OF A CLASS OF ALGEBRAS AND RELATED PROJECTIVE REPRESENTATIONS
WHERE ANALYTICAL METHODS FOR SOLVING A CLASS OF BOUNDARY VALUE PROBLEMS
ARITHMETIC CLASSIFICATION OF A HILSON CLASS OF SETS APPROPRIATE
AN INEQUALITY FOR THE EIGENVALUES OF A CLASS OF SELF-ADJOINT OPERATORS
LEARNING THROUGH PATTERN RECOGNITION APPLIED TO A CLASS OF GAMES
ON SOUND PRESSURE LEVELS AND SPECTRA FROM FIRING A CLASS OF NOVIET ROCKETS
ON THE VARIATIONAL PRINCIPLES FOR EIGENVALUES FOR A CLASS OF UNBOUNDED OPERATORS
ON BOUNDED-INPUT-BOUNDED-OUTPUT STABILITY OF A CERTAIN CLASS OF NONLINEAR SAMPLED-DATA SYSTEMS
ON AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS II GENERAL THEORY
A NONLINEAR INTEGRO-DIFFERENTIAL EQUATION ASSOCIATED WITH A CLASS OF WEDGE PROBLEMS

AFOSR68-2634
AFOSR67-2240
AFOSR68-0953
AFOSR68-1780
ARL 68-0347
ARL 68-1476
AFOSR67-1112
AFOSR67-0578
AFOSR68-1977
AFOSR68-1247
ARL 68-1694
AFOSR67-0595
AFOSR67-1784
AFOSR68-0676
AFOSR68-1269
AFOSR67-0325
AFOSR67-2714
AFOSR67-0359
AFOSR68-1159
AFCL67-0432
AFOSR68-0076
ARL 68-1253
AFOSR67-3193
AFOSR68-1582
AFOSR67-1123
AFOSR67-2736
AFOSR68-0514
AFCL68-0437
AFOSR68-0623
AFOSR67-0290
AFOSR67-0946
AFOSR67-0431
AFOSR67-1202
AFOSR68-1373

CLASSES

CLASSES OF COMPLEX OPERATORS AND EIGENVALUE DISTRIBUTIONS FOR ALGEBRAIC OPERATORS
CLASSES OF SILICON SUBOXIDES
CLASSES OF SILICON SUBOXIDES
CLASSES OF SILICON SUBOXIDES

AFOSR68-1648
ARL 67-1107
ARL 67-1167
ARL 68-1250

CLIMATOLOGY

- CONTINUED

THE TURBULENCE CLIMATOLOGY OF THE UNITED STATES BETWEEN 20,000 AND 40,000 FEET ESTIMATED FROM AIRCRAFT REPORTS AND A PRELIMINARY MICROWAVE ATTENUATION CLIMATOLOGY FOR THE MONTREAL AREA BASED ON WEATHER RADAR DATA UNDERSTORM PENETRATIONS OF THE TROPOPAUSE A CLIMATOLOGY AND A METHOD OF ESTIMATION FINAL REPORT AUG 1967 AFOSR69-0337
AFOSR68-0165
AFOSR67-0471

CLINICAL

REVIEW OF CLINICAL AND EXPERIMENTAL STUDIES IN CONDITIONAL REFLEXES PSYCHO AND NEUROPHYSIOLOGY IN USSR CZECHOSLOVAKIA AFOSR67-1246

CLOSE-TO-CONVEX

EXTREMAL PROBLEMS IN THE CLASS OF CLOSE-TO-CONVEX FUNCTIONS AFOSR67-0359
EXTREMAL PROBLEMS IN THE CLASS OF CLOSE-TO-CONVEX FUNCTIONS AFOSR68-1159

CLOSED

CLOSED FORM FOR THE PERTURBATION TERMS OF THE LINEAR BOLTZMANN EQUATION AFOSR67-1120
THE CLOSED LOOP CHARACTERISTICS OF AN AUTOMATIC DIRECT READOUT IMPEDANCE BRIDGE AFOSR67-0180
PARTICLE HOLE STATES IN CLOSED SHELL NUCLEI ARL 68-1105
MAGNETIC POLARIZABILITY OF CLOSED SHELLS AFOSR68-1466
THE MOTION OF LIQUID INSIDE A CLOSED VIBRATING VESSEL AFOSR67-1634
COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS ARL 68-1261
DIFFRACTION OF A PLANE PULSE BY A CLOSED CRACK AT THE INTERFACE OF ELASTIC SOLIDS AFOSR68-2455
ANALYSIS OF SHORT WEB-STIFFENED SANDWICH SHELL WITH CLOSED ENDS UNDER EXTERNAL PRESSURE AFOSR67-2838
NECESSARY AND SUFFICIENT CONDITION FOR A CONVEX SET TO BE CLOSED AFOSR67-0781
MATHEMATICAL THEORY OF STEADY COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS FINAL REPORT ARL 67-0140

CLOSED-LOOP

ON THE COMPARISON OF THE SENSITIVITIES OF OPEN-LOOP AND CLOSED-LOOP OPTIMAL CONTROL SYSTEMS AFOSR68-1966

CLOSED-SHELL

THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON I A CORRECTION TO THE ADIABATIC AFOSR68-0923
THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON II EVALUATION OF THE POLARIZABILITIES AFOSR68-0524
REACTION MATRIX ELEMENTS FOR CLOSED-SHELL NUCLEI USING REALISTIC FORCES AFOSR68-2782

CLOSURE

ON THE CLOSURE OF CHARACTERS AND THE ZERO OF ENTIRE FUNCTIONS AFOSR67-1418

CLOSURES

CLOSURES WHICH PRESERVE FINITENESS IN FAMILIES OF LANGUAGES AFOSR67-0665

CLOUD

CLOUD DETECTION CAPABILITY OF OPERATIONAL AN/TPQ-11 RADAR SETS DURING 1966-1967 AFOSR68-0269
MEASUREMENTS OF CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED ENERGY FINAL REPORT AFOSR68-0503
OBSERVATIONS ON THE RELEASE OF A CLOUD OF BARIUM ATOMS AND IONS IN THE UPPER ATMOSPHERE AFOSR67-0144
AIRCRAFT INSTRUMENTATION TO MEASURE CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED AFOSR67-0042
RESEARCH IN FOUR-DIMENSIONAL DIAGNOSIS OF CYCLONIC STORM CLOUD SYSTEMS FINAL REPORT OCT 1967 AFOSR67-0617
GEMINI VII SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH -CLOUD BACKGROUNDS /U/ AFOSR67-0498

CLOUDS

EXPANSION OF UNIFORM GAS CLOUDS INTO A VACUUM AFOSR67-1258
ON THE DECELERATION OF METAGALACTIC CLOUDS IN THE GALAXY AFOSR67-1125
MONTE CARLO CALCULATIONS OF LIGHT SCATTERING FROM CLOUDS AFOSR67-0421
EXPERIMENTS ON THE INJECTION AND CONTAINMENT OF ELECTRON CLOUDS IN A TOROIDAL APPARATUS AFOSR68-1939
IMPROBABILITY OF NON-THERMAL RADIO EMISSION FROM VENUS WATER CLOUDS AFOSR67-2279
MEASUREMENTS OF TURBULENCE AND DIFFUSION IN HIGH-ALTITUDE CHEMICAL CLOUDS FINAL REPORT JULY 1968 AFOSR68-0382
RADIANCE AND POLARIZATION OF MULTIPLE SCATTERED LIGHT FROM HAZE AND CLOUDS AFOSR67-0570
INFLUENCE OF SINGLE SCATTERING ALBEDO ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS AFOSR67-0450
INFLUENCE OF PARTICLE SIZE DISTRIBUTION ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS AFOSR67-0428

CLUPEA

MORPHOLOGICAL ASPECTS ON THE HYDROSTATIC FUNCTION OF THE GAS BLADDER OF CLUPEA HARENGUS L AFOSR67-2271

CLUSTER

CLUSTER DECOMPOSITION AND THE SWIN-STATISTICS THEOREM IN S-MATRIX THEORY AFOSR68-0270
LINKED CLUSTER THEOREM AND THE GREENS FUNCTION EQUATIONS OF MOTION FOR A MANY-FERMION SYSTEM AFOSR67-1244
THE WEAKNESS OF HELIUM LINES IN GLOBULAR CLUSTER AND HALO 6 STARS AFOSR67-0625
RELATION BETWEEN THE BRUECKNER-FROMBERG AND NOSANOW CLUSTER EXPANSIONS AFOSR68-1009
HIGH-ENERGY ELECTRON SCATTERING AS A TEST OF THE NUCLEAR CLUSTER MODEL AFOSR67-0578

CLUSTERS

ELECTRON IN BOX THEORY FOR METAL ATOM CLUSTERS AFOSR67-0789
ON THE BLUE END OF THE HORIZONTAL BRANCH IN GLOBULAR CLUSTERS AFOSR68-1046

CLUTTER

RADAR RETURN FROM TARGETS HIDDEN BY GROUND CLUTTER AFOSR67-0668

COARSENING

COMMENTS ON FURTHER APPLICATIONS OF THE THEORY OF PARTICLE COARSENING AFOSR68-2226

COARTICULATION

COARTICULATION IN VCV UTTERANCES SPECTROGRAPHIC MEASUREMENTS AFOSR67-0286

COATES

THE NUMBER OF TERMS IN THE COVERSAL GAIN FORMULAS FOR COATES AND MASON SIGNAL FLOW GRAPHS AFOSR67-0366

COATING

PHOTODELASTIC COATING TECHNOLOGY APPLIED TO CONTACT PROBLEMS ARL 67-1224
DAMAGE MECHANISMS IN THERMAL CONTROL COATING SYSTEMS FINAL REPORT SEPT 1967 AFOSR67-0294

COATINGS

HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS ARL 67-1214

COATINGS - CONTINUED

HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS FINAL REPORT JAN 1968	ARL 68-0004
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS	ARL 68-1108
COAXIAL	
RESEARCH ON THE COAXIAL STREAMS FINAL REPORT MARCH 1967	ARL 67-0088
PLASMA VORTICES IN THE COAXIAL ACCELERATOR	AFOSR67-1608
MECHANISM AND THEORETICAL ANALYSIS OF COAXIAL PLASMA ACCELERATION FINAL REPORT MARCH 1967	AFOSR67-1008
THEORETICAL ANALYSIS OF COAXIAL HALL ACCELERATOR	AFOSR67-2073
ADMITTANCE OF A COAXIAL LINE DRIVEN FROM A COAXIAL LINE	PCRL-67-0633
AN EXPERIMENTAL STUDY OF A CRITICALLY THICK TUBULAR MONOPOLE ANTENNA DRIVEN BY A COAXIAL TRANSMISSION LINE	AFCL67-0406
COBALT	
SUPERCONDUCTIVITY OF CERIUM COBALT	AFOSR67-2408
QUATERNARY PHOSPHINE COMPLEXES OF COBALT SPECTRAL MAGNETIC AND ELECTRON PARAMAGNETIC RESONANCE STUDIES	AFOSR67-2796
A THERMODYNAMICAL STUDY OF SEVERAL COBALT /II/ CHLORIDE-AMINE ONIUM CHLORIDE SYSTEMS	AFOSR67-2020
INFRARED SPECTRA AND STRUCTURE OF SILICON COBALT TETRACARBONYLS	AFOSR67-1367
THE METAL-METAL BOND DISSOCIATION ENERGY IN COBALT OCTACARBONYL	AFOSR67-1463
FORMATION AND DICATION OF ALKYL RADICALS BY COBALT /III/ COMPLEXES	AFOSR68-2509
THE METAL ION REDUCTION OF TRIS /24-PENTAMETHYLENE/ COBALT /III/ COMPLEXES	ARL 67-0077
RECALCULATION OF FORCE CONSTANTS IN CARBON AND SILICON COBALT TETRACARBONYLS	AFOSR68-1763
ORGANOMETALLIC SULFUR COMPLEXES IN STRUCTURE OF A HEXANUCLEAR COBALT CARBONYL SULFUR COMPLEX CONTAINING A	AFOSR67-2191
NUCLEAR MAGNETIC RESONANCE STUDIES OF 3-ACETYL-4-CAMPHORATO COBALT III STUDIES	ARL 68-1179
CRYSTAL GROWTH STUDIES OF THE ALKALI METALS THE RARE EARTHS AND COBALT FINAL REPORT AUG 1967	AFOSR67-1892
THE REFLECTANCE OF THE INTERMETALLIC COMPOUNDS NICKEL ALUMINUM AND COBALT ALUMINUM	AFOSR67-1183
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVI POLYNUCLEAR CYCLOPENTADIENYLMETAL CARBONYLS OF IRON AND COBALT	AFOSR67-0599
COCAINE	
POTENTIATION OF TYRAMINE EFFECT ON THE ISOLATED IRIS MUSCLE BY COCAINE	AFOSR68-2727
COCKROACHES	
THE CONTROL OF CIRCADIAN ACTIVITY IN COCKROACHES	AFOSR68-2174
COCOMMUTATIVE	
COCOMMUTATIVE HOPF ALGEBRAS	AFOSR67-1090
CODE	
A COMPUTER CODE FOR RECOMBINATION AND DIFFUSION CONTROLLED AFTERGLOWS	AFOSR68-1859
A STUDY OF ERROR-CORRECTING CODES IV CODE PROPERTIES AND UNAMBIGUOUS SETS	AFCL67-0124
CODES	
LONG BCH CODES ARE BAD	AFCL67-0179
A FAMILY OF CODES FOR THE CORRECTION OF SUBSTITUTION AND SYNCHRONIZATION ERRORS	AFCL67-0591
A CLASS OF CONNA-FREE CODES	AFOSR68-1780
NON-PRIMITIVE REED-MULLER CODES	AFCL67-0177
EUCLIDEAN GEOMETRY CYCLIC CODES	PCRL-67-0176
A STUDY OF ERROR CORRECTING CODES III SYNCHRONIZABILITY AND CONNA FREEDOM	AFCL67-0045
A STUDY OF ERROR-CORRECTING CODES IV CODE PROPERTIES AND UNAMBIGUOUS SETS	AFCL67-0124
DECODING OF GRAPH THEORETIC CODES	AFOSR68-0551
SOME ADDITIONAL QUASI-PERFECT CODES	AFOSR67-1759
ERROR BOUNDS FOR CONVOLUTIONAL CODES AND AN ASYMPTOTICALLY OPTIMUM DECODING ALGORITHM	AFOSR67-1927
GRAPH THEORETIC ERROR-CORRECTING CODES	AFOSR67-2220
ON LINEAR UNEQUAL ERROR PROTECTION CODES	AFOSR68-0732
CASCADE DECODING OF CYCLIC PRODUCT CODES	AFOSR68-1505
A SEARCH TECHNIQUE FOR QUASI-PERFECT CODES	AFOSR67-0760
A CLASS OF NONLINEAR ERROR-CORRECTING CODES BASED UPON INTERLEAVED TWO-LEVEL SEQUENCES	AFOSR67-2240
DECODING OF ROSE-CHAUMUR-LI-MOUCOUENGER CODES AND PRONYS METHOD FOR CURVE FITTING	AFOSR68-0745
RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODES	AFCL67-0365
RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODES FINAL REPORT SEPT 1968	AFCL68-0478
ON A FAMILY OF ERROR CORRECTING AND SYNCHRONIZABLE CODES	AFCL68-0092
CODING	
CODING THE VERTICES OF A GRAPH	AFOSR67-0440
CODING AND ANALYSIS OF DOCUMENTARY MATERIALS FROM COMMUNIST CHINA	AFOSR67-1167
CODING SYSTEMS IN PERCEPTION AND COGNITION	AFOSR68-0597
CODING SYSTEMS IN PERCEPTION AND COGNITION	AFOSR68-2833
DIFFERENT CODING PROPERTIES OF TWO ASPARTYL-TRNA SPECIES	AFOSR67-2335
EFFECTS OF S-H CODING ON THE RATE OF GAIN OF INFORMATION	AFOSR67-1807
A SURVEY OF PROGRESS IN CODING THEORY IN THE SOVIET UNION FINAL REPORT DEC 1967	AFOSR68-0590
MATHEMATICAL RESEARCH ON CODING THEORY FINAL REPORT DEC 1968	AFCL67-0010
MECHANISM SUBSERVING COLOR CODING IN THE VERTEBRATE RETINA FINAL REPORT DEC 1968	AFOSR67-0177
MECHANISMS SUBSERVING COLOR CODING IN THE VERTEBRATE RETINA FINAL REPORT MARCH 1968	AFOSR68-0907
SINGLE UNIT STUDIES OF CORTICAL CODING OF SIMPLE ACOUSTIC STIMULI	AFOSR68-2771
LOWER BOUNDS TO ERROR PROBABILITY FOR CODING ON DISCRETE MEMORYLESS CHANNELS II	AFOSR68-2019
COEFFICIENTS	
NOTE ON SU-3 WIGNER COEFFICIENTS	AFOSR68-1216
SUPPLEMENT TO 1959 INSTRUCTION MANUAL NO 10 COSMIC RAY TABLES ASYMPTOTIC DIRECTIONS VARIATIONAL COEFFICIENTS AND CUTOFF	AFCL68-0030
COEFFICIENT	
ON THE COEFFICIENT PROBLEM FOR UNIVALENT FUNCTIONS	AFOSR68-2680
HIGH HALL COEFFICIENT EXPERIMENTS IN A LARGE DISK GENERATOR	ARL 68-1192
RAZOMETRIC COEFFICIENT FOR COSMIC-RAY NEUTRON MONITORS	AFCL67-0460
THE FOURTH COEFFICIENT OF A BOUNDED REAL UNIVALENT FUNCTION	AFOSR68-2615
ON THE FOURTH COEFFICIENT OF UNIVALENT FUNCTIONS WITH BOUNDED BOUNDARY ROTATION	AFOSR68-2614
ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY I EXPERIMENTS	AFCL67-0220
ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY II COMPUTER EXPERIMENTS ON THE REFLECTION OF SLOW ELECTRONS IN THE	AFCL67-0378
THE SEISMIC MAGNITUDE AND THE COEFFICIENT OF ABSORPTION IN THE IBERIAN PENINSULA REGION /SPANISH/	AFOSR67-1200
TRIFENATION-DEPENDENT STICKING COEFFICIENT IN THE GERMANIUM-OXYGEN SYSTEM	AFOSR68-0555
SPATIAL DISTRIBUTION OF THE VOLUME EMISSION COEFFICIENT IN STRONGLY SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY	ARL 68-0174
DETERMINATION OF THE POKELS ELECTRO-OPTIC COEFFICIENT IN ADP AT 5.5 GHZ	AFOSR67-1800
COMPLEX FOURIER TRANSFORM TECHNIQUE IN VARIABLE COEFFICIENT PARTIAL DIFFERENTIAL EQUATIONS	AFOSR67-2840
LOW-TEMPERATURE QUANTUM CORRECTIONS TO THE SECOND VIRIAL COEFFICIENT	AFOSR68-2663
BOUNDS ON THE VALUE OF A DIRICHLET INTEGRAL REPRESENTING A COEFFICIENT OF APPARENT MASS	ARL 67-1276
A COLLECTION OF SOME CONTROLLED SURFACE THERMAL ACCOMMODATION COEFFICIENT MEASUREMENTS	AFOSR67-1921

COEFFICIENTS

ON THE COEFFICIENTS OF A WIENER CANONICAL EXPANSION FOR THE LIKELIHOOD FUNCTION OF A CONTINUOUS MARTINGALE
FOURIER COEFFICIENTS OF FUNCTIONS OF BOUNDED VARIATION
TRANSPORT COEFFICIENTS OF DEGENERATE PLASMA
ALTERNATE COEFFICIENTS CONSTRAINTS FOR STABILITY TEST
DIFFUSION COEFFICIENTS FOR ORGANIC VAPORS IN POLYVINYL ACETATE
TAMPLS OF COEFFICIENTS FOR ANGULAR CORRELATION OF RADIATIVE TRANSITIONS FROM ALIGNED NUCLEI
TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED NO 110 SURFACE FOR LOW PRIMARY ENERGIES
TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED NO 110 SURFACE FOR LOW PRIMARY ENERGIES
OPTICAL ABSORPTION COEFFICIENTS OF VANADIUM PENTOXIDE SINGLE CRYSTALS FINAL REPORT MARCH 1967
ON GRAY ABSORPTION COEFFICIENTS IN RADIATIVE TRANSFER
TRANSFORMATIONS OF FOURIER COEFFICIENTS
DETERMINATION OF MIXED-VIRIAL COEFFICIENTS FINAL REPORT DEC 1967
A GENERAL STUDY OF THE HIGHER COEFFICIENTS OF SU(1,1)
THE LOCAL MAXIMUM THEOREM FOR THE COEFFICIENTS OF UNIVALENT FUNCTIONS
UNIVALENT FUNCTIONS WHOSE FIRST COEFFICIENTS ARE REAL
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES. PART II. ASYMMETRICAL SOURCES.
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES PART I CIRCULARLY SYMMETRIC LIGHT
PARABOLIC EQUATIONS WITH UNBOUNDED COEFFICIENTS
LONGITUDINAL AND TRANSVERSE DIFFUSION COEFFICIENTS OF MASS-IDENTIFIED N AND N2 POSITIVE IONS IN NITROGEN
METHODS FOR DETERMINATION OF TRANSPORT COEFFICIENTS FROM HIGH POWER ARCS FINAL REPORT OCT 1967
STUDIES IN STELLAR EVOLUTION V TRANSPORT COEFFICIENTS OF DEGENERATE STELLAR MATTER
DERIVATIVES OF POLYNOMIALS WITH POSITIVE COEFFICIENTS
DETERMINATION OF THE THERMAL ACCOMMODATION COEFFICIENTS OF GASES ON CLEAN SURFACES AT TEMPERATURES ABOVE 300 DEGREES K
SPATIAL RESOLUTION OF EMISSION AND ABSORPTION COEFFICIENTS IN SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY
MATRIX PRODUCTS AND THE EXPLICIT 3, 6, 9 AND 12-J COEFFICIENTS OF THE REGULAR PRESENTATION OF SU-N
REFORMULATION OF THE REPRESENTATION OF TRANSPORT COEFFICIENTS USING THE AUTOCORRELATION-FUNCTION FORMALISM AND THE
SUM RULES KRAMERS-KRONIG RELATIONS AND TRANSPORT COEFFICIENTS IN CHARGED SYSTEMS
UNIQUENESS OF POSITIVE SOLUTIONS OF PARABOLIC EQUATIONS WITH UNBOUNDED COEFFICIENTS

AFOSR67-1555
AFOSR67-2344
AFOSR68-2492
AFOSR68-2535
ARL 67-0183
ARL 68-0330
ARL 68-0318
ARL 68-1280
AFOSR67-0788
AFOSR67-2044
AFOSR67-0649
AFOSR67-2708
AFOSR68-2850
AFOSR68-0446
AFOSR68-2617
ARL 67-0035
ARL 67-0038
AFOSR68-1853
AFOSR68-2682
ARL 67-0219
AFOSR67-1134
AFOSR68-2944
AFOSR67-1922
ARL 67-0279
AFOSR68-1006
AFOSR68-0046
AFOSR68-0426
AFOSR68-2106

COERCIVITY

DEPENDENCE OF COERCIVITY ON DRIVING FIELD IN MULTILAYER FILMS OF NICKEL

AFOSR67-0350

COEXISTENCE

DYNAMIC STABILITY OF A PENDULUM UNDER COEXISTENCE OF PARAMETRIC AND FORCED EXCITATION
EXPERIMENTAL STUDY OF THE SHAPE OF THE COEXISTENCE CURVE OF ARGON NEAR THE CRITICAL STATE

AFOSR68-0001
AFOSR68-1562

COGNITION

CODING SYSTEMS IN PERCEPTION AND COGNITION
CODING SYSTEMS IN PERCEPTION AND COGNITION

AFOSR68-0597
AFOSR68-2833

COGNITIVE

COGNITIVE FACTORS IN INFORMATION PROCESSING
COGNITIVE ASPECTS OF INFORMATION PROCESSING III SET FOR SPEED VERSUS ACCURACY
A STUDY OF COGNITIVE AND AFFECTIVE ATTITUDES
EXPLORATIONS OF THE COGNITIVE PROCESSES IN DESIGN
INFORMATION CAPACITY OF DISCRETE MOTOR RESPONSES UNDER DIFFERENT COGNITIVE SETS
CHINESE ATTITUDINAL REACTIONS TO FORCED COMPLIANCE A CROSS- CULTURAL EXPERIMENT IN THE THEORY OF COGNITIVE DISSONANCE

AFOSR67-1802
AFOSR67-1817
AFOSR68-2329
AFOSR68-1374
AFOSR67-1823
AFOSR67-0960

COHERENCE

COHERENCE THEORY OF RADIO-ASTRONOMICAL MEASUREMENTS
COHERENCE OF LASER RADIATION
COHERENCE PROPERTIES OF BLACKBODY RADIATION III CROSS- SPECTRAL TENSORS
TEMPORAL COHERENCE AND FREQUENCY VS TIME CHARACTERISTICS OF A Q-SPOILED RUBY LASER
DEGREE OF COHERENCE OF AN ARBITRARY ORDER
EFFECTS OF COHERENCE IN ELECTROMAGNETIC RADIATION FINAL REPORT SEPT 1967
THEORY OF PARTIAL COHERENCE A REVIEW
SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS
RESEARCH IN OPTICAL COHERENCE FINAL REPORT DEC 1966
RESEARCH IN OPTICAL COHERENCE FINAL REPORT DEC 1967
SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS
SOME RECENT RESEARCH ON COHERENCE AND FLUCTUATIONS OF LIGHT
DEGREE OF HIGHER-ORDER OPTICAL COHERENCE
SOME PROPERTIES OF HIGHER ORDER COHERENCE FUNCTIONS
COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE THEORY
COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE THEORY
WAVEFRONT RECONSTRUCTION WITH LIGHT OF FINITE COHERENCE LENGTH
COLLECTIVE METHODS FOR SYSTEMS WITH LONG-RANGE COHERENCE FINAL REPORT MAR 1968

AFCLRL 67-0558
AFCLRL 68-0035
AFCLRL 67-2733
AFCLRL 67-0052
AFOSR67-0210
AFOSR67-2238
AFCLRL 67-0192
AFCLRL 68-0190
AFOSR67-1116
AFOSR68-0880
AFOSR68-2058
AFOSR67-0445
AFOSR68-1050
AFOSR67-2053
AFCLRL 67-0380
AFOSR67-1731
AFOSR67-0286
AFCLRL 68-0209

COHERENCY

ON THE COHERENCY OF X-RAY AND OPTICAL PULSATIONS IN AURORAS

AFOSR67-2531

COHERENT

COHERENT TUNABLE CYCLOTRON MODE OSCILLATIONS IN A SMOOTH-BORE MAGNETRON THE -PLASMA-MAGNETRON FINAL REPORT JULY 1967
COHERENT TUNABLE CYCLOTRON MODE OSCILLATIONS IN A SMOOTH-BORE MAGNETRON FINAL REPORT JULY 1968
COHERENT FLUORESCENCE FROM ZINC SULFIDE EXCITED BY TWO-PHOTON ABSORPTION
COHERENT AND NONCOHERENT LIGHT EMISSION IN II-VI COMPOUNDS
BEHAVIOR OF COHERENT MICROWAVE PHOTONS AT LOW AL/SUB2/O/SUB TEMPERATURES IN USING VAPOR-DEPOSITED THIN-FILM
IMAGING WITH COHERENT FIELDS
PRINCIPLES OF COHERENT COMMUNICATION
INTERACTION OF COHERENT LIGHT WITH ATOMIC SYSTEMS FINAL REPORT DEC 1968
INTERACTION OF COHERENT LIGHT WITH SOLIDS AND WITH TURBULENT ATMOSPHERES FINAL REPORT OCT 1967
OBSERVATIONS OF LARGE-SCALE COHERENT PULSATING ELECTRON PRECIPITATION EVENTS IN THE AURORAL ZONE ACCOMPANIED BY
MODULATION AND DETECTION OF COHERENT OPTICAL RADIATION FINAL REPORT FEB 1967
A MAXIMUM-SIGNAL THEOREM FOR THE SPATIALLY COHERENT DETECTION OF SCATTERED RADIATION
BRAGG SCATTERING OF INFRARED RADIATION FROM COHERENT SPIN WAVES
NEW SOLUTIONS TO THE SIGNAL DESIGN PROBLEM FOR COHERENT CHANNELS
DETERMINATION OF RHO ZERO-NUCLEON TOTAL CROSS SECTIONS FROM COHERENT PHOTOGRAPHY
A TECHNIQUE OF OPTIMIZING DECISION-DIRECTED CHANNEL MEASUREMENTS FOR COHERENT DETECTION

AFOSR67-1663
AFOSR68-1723
AFOSR68-2116
ARL 67-0174
AFCLRL 67-0016
AFCLRL 67-0401
AFOSR67-0632
AFCLRL 68-0558
AFOSR67-2477
AFOSR67-1314
AFOSR68-0266
AFOSR67-1040
AFCLRL 67-0658
AFOSR67-0486
AFOSR67-0575
AFOSR67-1590

COHERENT-STATE

DIAGONAL COHERENT-STATE REPRESENTATION / QUANTUM OPERATORS

AFOSR67-1451

COHESIVE

A CALCULATION OF THE COHESIVE ENERGY AND ELASTIC CONSTANTS OF MAGNESIUM OXIDE

AFOSR67-1435

COMMENT	
COMMENTARY ON PHOTON STATES AND INFRARED DIVERGENCES I CLASSICAL CURRENTS	AFOSR67-1599
CONOMLOGY	
POSTNIKOV INVARIANTS AND HIGHER ORDER CONOMLOGY OPERATIONS	AFOSR67-1461
COIL	
RANDOM COIL CONFIGURATIONS OF POLYPEPTIDE COPOLYMERS	AFOSR67-0552
COILING	
CONFORMATIONAL ENERGY ESTIMATES FOR STATISTICALLY COILING POLYPEPTIDE CHAINS	AFOSR67-0551
COILS	
LARGE VOLUME PULSED FIELD COILS APPLICATIONS TO SYNCHRONOUS PULSE OPERATION FROM 250 TO 500 KILOGAUSS	AFOSR67-2374
EVALUATION OF FARADAY SHIELDED STEEL COILS FOR ION CYCLOTRON RESONANCE HEATING OF PLASMA	AFOSR67-0817
HIGH CURRENT DENSITY SUPERCONDUCTING COILS	AFOSR67-2370
COINCIDENCE	
COINCIDENCE MEASUREMENTS IN NE _e - NE COLLISIONS	AFOSR67-1136
COINCIDENCE MEASUREMENTS OF ATOMIC COLLISIONS FINAL REPORT JUNE 1968	AFOSR68-1721
A LONG-DISTANCE COINCIDENCE RADIO-PULSE EXPERIMENT	AFOSR68-2750
ON A CLASS OF GENERALIZED POLARITY COINCIDENCE CORRELATORS	AFOSR68-2347
COLO	
COLD ADAPTATION OF KOREAN WOMEN DIVERS FINAL REPORT DEC 1967	AFOSR68-0908
DURATION OF COLD TEMPERATURE OVER NORTH AMERICA	AFOSR68-0232
TEXTURING IN COLD ROLLED METALS	ARL 68-1164
THE EFFECT OF COLD EXPOSURE ON THE CATECHOLAMINE EXCRETION OF RATS TREATED WITH DECABORANE	AFOSR67-0502
PRISONERS IN THE COLD WAR HOSTAGE ACTORS IN LOYALTY PLAYS	AFOSR68-1409
ON ANTENNA IMPEDANCES IN A COLD PLASMA WITH A PERPENDICULAR STATIC MAGNETIC FIELD	AFOSR68-0576
EFFECT OF VARYING PERIODS OF COLD EXPOSURE ON THE ACTION AND METABOLISM OF HEXOBARBITAL	AFOSR67-2106
TRANSIENT EXCITATION OF BOUNDED COLD MAGNETIC-PLASMA	AFOSR68-0348
DECREASED ATROPINE TOXICITY IN RATS CHRONICALLY EXPOSED TO COLD	AFOSR67-2105
CATECHOLAMINE EXCRETION IN ADRENO-DENOVULATED RATS EXPOSED TO COLD AFTER CHRONIC GUANETHIDINE TREATMENT	AFOSR67-0501
SYNTHESIS OF ATROPINE LABELED WITH C ¹⁴ IN THE TROPINE RING AND EFFECT OF COLD ACCLIMATION ON ATROPINE METABOLISM FINAL	AFOSR67-2030
COLD-ELECTRODE	
COLD-ELECTRODE CHARACTERISTICS IN SHOCK-IONIZED AIR PLASMAS	ARL 68-0124
COLLAPSE	
DYNAMIC COLLAPSE OF LYME ISOTHERMAL SPHERE	AFOSR68-1822
ELASTIC BUCKLING AND PLASTIC COLLAPSE OF CIRCULAR TUBES UNDER HYDROSTATIC PRESSURE	AFOSR67-2639
COLLECTION	
COLLECTION AND ANALYSIS OF SEISMIC WAVE PROPAGATION DATA	AFOSR67-2773
A COLLECTION OF SOME CONTROLLED SURFACE THERMAL ACCOMMODATION COEFFICIENT MEASUREMENTS	AFOSR67-1921
CHARGE COLLECTION EFFICIENCIES FOR LITHIUM DRIFTED SILICON AND GERMANIUM DETECTORS IN THE X-RAY ENERGY REGION	AFOSR68-1676
A SYSTEM FOR AUTOMATIC COLLECTION OF GEOMAGNETIC DATA IN DIGITAL FORM FINAL REPORT FEB 1967	AFOSR67-0281
A SYSTEM FOR AUTOMATIC COLLECTION AND PROCESSING OF GEOMAGNETIC DATA IN DIGITAL FORM	AFOSR68-0250
RESEARCH DIRECTED TOWARD THE COLLECTION REDUCTION AND EVALUATION OF GEOMAGNETIC FIELD DATA FINAL REPORT JAN 1968	AFOSR68-0014
ON A FORM REPRESENTING A LARGE COLLECTION OF PRIMES	AFOSR67-2153
A DIGITAL AIRBORNE METEOROLOGICAL DATA COLLECTION SYSTEM	AFOSR67-0420
SYSTEMS MANUAL FOR THE EXPERIMENTAL LITERATURE COLLECTION AND REFERENCE RETRIEVAL SYSTEM OF THE CENTER FOR THE	AFOSR67-1676
COLLECTIONS	
FINDINGS ON PLANETARY SURFACES AND ATMOSPHERES FROM A STUDY OF THE PHOTOGRAPHIC COLLECTIONS OF THE I A U PLANETARY	AFOSR67-0504
COLLECTIVE	
COLLECTIVE METHODS FOR SYSTEMS WITH LONG-RANGE COHERENCE FINAL REPORT MAR 1968	AFOSR68-0209
COLLECTIVE NUCLEAR BREATHING MODE MODEL WITH APPLICATION TO SUBA ₂ HE MONOPOLE STATE	AFOSR67-0025
HIGHER MODES IN COLLECTIVE NUCLEI	ARL 68-1091
EXCITED STATES WITH COLLECTIVE PROPERTIES IN LIGHT NUCLEI FINAL REPORT APRIL 1968	AFOSR68-0792
HIGHER-ORDER CORRECTIONS TO COLLECTIVE PARTICLE-HOLE EXCITATIONS USING GREEN FUNCTION TECHNIQUES	AFOSR68-1372
COLLEGE	
PEARL-TYPE TELLURIC CURRENT MICROPULSATIONS AT COLLEGE	AFOSR67-0244
COMPARATIVE PRONOUNCEABILITY RATINGS /P/ OF 100 CVCS IN TWO COLLEGE POPULATIONS	AFOSR67-2153
COLLEGES	
EDUCATION FOR POLICY MAKERS AN ANALYSIS OF LECTURERS AND READING MATERIALS AT SELECTED WAR COLLEGES	AFOSR68-0953
A KEYWORD AND AUTHOR INDEX FOR THE MASTERS THESES IN THE PURE AND APPLIED SCIENCES ACCEPTED BY U S COLLEGES AND	AFOSR67-0421
COLLICULUS	
AUDITORY RESPONSES OF NEURONES IN THE LATERAL MESENCEPHALIC NUCLEUS /INFERIOR COLLICULUS/ OF THE BARBARY DOVE	AFOSR68-0607
COLLINEAR	
THE EFFECT OF SCANNING ON THE IMPEDANCES OF FINITE BROADSIDE COLLINEAR AND RECTANGULAR ARRAYS	AFOSR68-0317
COLLISION	
COLLISION CROSS-SECTIONS OF FORBIDDEN LINES OF THE 2S _{1/2} 2P _{1/2} AND 3S _{1/2} 3P _{1/2} CONFIGURATIONS	ARL 67-1324
ELECTRON COLLISION EFFECTS IN SEMICONDUCTORS	AFOSR67-0163
STUDY OF COLLISION PROCESSES IN GASEOUS PLASMAS FINAL REPORT JAN 1968	AFOSR68-0072
INTERMEDIATE COLLISION COMPLEXES IN ION-MOLECULE REACTIONS IN UNSATURATED HYDROCARBONS	ARL 67-1104
THE MECHANISM OF COLLISION BROADENING OF SPECTRAL LINES I THE CLASSICAL-OSCILLATOR ANALOG	AFOSR68-0489
DYNAMICS OF BINARY COLLISION AMONG FOUR PARTICLES	AFOSR68-2355
STUDY OF ELECTRONIC COLLISION CROSS SECTIONS FINAL REPORT JAN 1968	AFOSR68-2307
DIRECT OBSERVATION OF COLLISION BROADENING AND EFFECT OF RESONANT INTERACTIONS ON GAS-LASER TRANSITIONS	AFOSR67-2629
DIRECT MEASUREMENT OF FIRST COLLISION EFFECTS IN RAREFIED HIGH SPEED FLOWS	AFOSR67-2039
PLASMA FLOW TUNNEL STUDIES OF COLLISION FREE FLOWS AND SHOCKS	AFOSR67-1180
ABSOLUTE MEASUREMENT OF INELASTIC COLLISION CROSS SECTIONS FOR VIBRONIC EXCITED STATES	AFOSR68-0045
THEORY OF LANGMUIR PROBE CHARACTERISTICS FOR A COLLISION DOMINATED PARTIALLY IONIZED GAS FINAL REPORT FEB 1967	AFOSR67-0001

COLLISION - CONTINUED

DIRECT OBSERVATION OF MOLE-BURNING LORENTZ WIDTHS AND COLLISION BROADENING USING STIMULATED EMISSION TECHNIQUES
 UNSTEADY SOLUTIONS OF KINETIC MODELS WITH VELOCITY-DEPENDENT COLLISION FREQUENCY
 APPROACH TO THE N-BODY PROBLEM WITH HARD SPHERE INTERACTION APPLIED TO THE COLLISION DOMAINS OF THREE BODIES
 THE METHOD OF ELEMENTARY SOLUTIONS FOR KINETIC MODELS WITH VELOCITY DEPENDENT COLLISION FREQUENCY

AFOSR67-2663
 AFOSR67-0692
 AFOSR67-0667
 AFOSR67-0691

COLLISION-FREE

LABORATORY STUDY OF TURBULENCE IN COLLISION-FREE SHOCKS

AFOSR68-1937

COLLISION-INDUCED

COLLISION-INDUCED DISSOCIATION OF /DENTERIUM POSITIVE MOLECULAR ION/ IONS BY ARGON AND NITROGEN
 RADIATIVE AND COLLISION-INDUCED RELAXATION OF ATOMIC STATES IN THE 2P3P CONFIGURATION OF NEON

AFOSR67-1375
 AFOSR67-0309

COLLISIONAL

COLLISIONAL EXCITATION TRANSFER TO THE 4 D STATE IN HELIUM BY MULTIPLE STATE MECHANISM
 COLLISIONAL EXCITATION TRANSFER BETWEEN THE 2P1/2 AND 2P3/2 LEVELS IN ALKALI ATOMS
 COLLISIONAL ENERGY TRANSFER THERMAL UNIMOLECULAR SYSTEMS IN THE LOW-PRESSURE REGION
 COLLISIONAL DAMPING OF A PLASMA ECHO
 COLLISIONAL DISALIGNMENT OF MAGNETICALLY ORIENTED SUPER 2D ALKALI ATOMS
 COLLISIONAL DEPOLARIZATION OF MAGNETICALLY ORIENTED 4 SUPERScript 2P POTASSIUM ATOMS
 COLLISIONAL ENERGY TRANSFER IN THERMAL UNIMOLECULAR SYSTEMS DILUTION EFFECTS AND FALLOFF REGION
 VIBRATIONAL ENERGY TRANSFER COLLISIONAL QUENCHING OF COMPETITIVE UNIMOLECULAR REACTIONS
 EXTINCTION OF LANDAU DAMPING, AND COLLISIONAL INSTABILITIES IN RAMSAUER GASES

AFOSR67-
 AFOSR67-0017
 AFOSR67-0428
 AFOSR68-1062
 AFOSR68-1123
 AFOSR68-1643
 AFOSR68-2494
 AFOSR68-1967
 ARL 68-1439

COLLISIONLESS

COLLISIONLESS SHOCK WAVE IN A PLASMA

AFOSR67-2437

COLLISIONS

CERTAIN COLLISIONS BETWEEN PROTONS AND DIATOMIC MOLECULES FINAL REPORT MAY 1967
 STELLAR COLLISIONS
 ELECTRON COLLISIONS WITH IONS OF THE 3D SUPER 3 CONFIGURATION
 INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES I SENSITIZED FLUORESCENCE AND QUENCHING IN CS- NSUB62
 INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES II THE QUENCHING OF SODIUM RESONANCE RADIATION BY N
 REARRANGEMENT COLLISIONS II ELECTRON EXCITATION OF NE /2SUPER3P/
 LINE MIXING BY COLLISIONS IN THE FAR INFRARED SPECTRUM OF AMMONIA
 EFFECTS OF NONELASTIC COLLISIONS IN PARTIALLY IONIZED GASES
 STUDIES OF LOW-ENERGY IONIC COLLISIONS FINAL REPORT NOV 1967
 THEORETICAL STUDIES ON INELASTIC COLLISIONS OF ELECTRONS WITH ATOMS AND MOLECULES FINAL REPORT MAY 1968
 COINCIDENCE MEASUREMENTS OF ATOMIC COLLISIONS FINAL REPORT JUNE 1968
 COINCIDENCE MEASUREMENTS IN NE6 - NE COLLISIONS
 MULTIPLE DIFFRACTION THEORY OF HIGH-ENERGY COLLISIONS
 POLARIZATION OF LIGHT FROM /ELECTRON-HELIUM/ COLLISIONS
 G-STRUCTURE AND K-SHELL VACANCIES IN NE/C/-NE COLLISIONS AT 150 TO 400 KEV
 ELECTRON CAPTURE INTO THE METASTABLE 2S STATE IN COLLISIONS OF PROTONS WITH HYDROGEN ATOMS
 DETERMINATION OF OPTICAL EXCITATION CROSS SECTIONS IN ATOMIC COLLISIONS FINAL REPORT FEB 1967
 NONLINEAR MIXING OF WAVES IN A PLASMA WITH VELOCITY-DEPENDENT COLLISIONS
 ANGULAR DISTRIBUTIONS OF FAST SCATTERED PARTICLES RESULTING FROM COLLISIONS OF 1 - TO 60 KEV NOBLE GASES WITH METAL
 CALCULATED RAMSAUER-TOWNSEND EFFECT IN ALPHA PARTICLE-ALPHA PARTICLE COLLISIONS
 WKB CALCULATION OF VIBRATIONAL TRANSITION PROBABILITIES IN MOLECULAR COLLISIONS
 G STRUCTURE AND INNER-SHELL VACANCIES IN NEON-NEON AND KRYPTON-KRYPTON COLLISIONS
 SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS IX ENERGY TRANSFER IN COLLISIONS BETWEEN SODIUM AND INERT GAS ATOMS
 VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS WITH EXCHANGE-DOMINATED COLLISIONS
 TEMPERATURE DEPENDENCE OF VIBRATIONAL TRANSITION PROBABILITIES IN WATER-WATER COLLISIONS
 ELECTRON-DETACHMENT IN HYDROGEN MINUS ION PLUS FLUORINE AND ATOMIC HYDROGEN PLUS FLUORINE ION COLLISIONS
 LOWER CASE M SUBSCRIPT J MIXING IN ORIENTED 4 SUPERScript 2 P SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY COLLISIONS

AFOSR67-0352
 AFOSR67-2634
 ARL 67-0083
 AFOSR67-1144
 AFOSR67-2675
 AFOSR67-0642
 AFOSR68-0422
 AFOSR68-2621
 AFOSR67-2669
 AFOSR68-0290
 AFOSR68-1721
 AFOSR67-1130
 AFOSR68-0450
 AFOSR67-1218
 AFOSR67-1137
 AFOSR68-2292
 AFOSR67-0940
 ARL 67-0102
 AFOSR68-2100
 AFOSR68-0850
 AFOSR68-2253
 AFOSR68-2062
 AFOSR67-2284
 AFOSR68-1609
 AFOSR68-1573
 AFOSR68-1979
 AFOSR68-1073

COLLOID

GAS COOLED COLLOID PROPULSION SYSTEMS
 BEHAVIOR OF ULTRA-SMALL COLLOID PARTICLES
 OPTICAL EXTINCTION IN THE COLLOID SYSTEM NaCl NA
 COMPUTER STUDY OF ELECTROFLUIDDYNAMIC COLLOID GENERATOR

ARL 67-1169
 AFOSR67-0833
 AFOSR68-1540
 ARL 68-1402

COLLOIDAL

THE COLLOIDAL GAS CORE REACTOR
 CHARGED COLLOIDAL SIZED PARTICLES FOR PROPULSION FINAL REPORT JAN 1968

ARL 68-1394
 AFOSR68-0527

COLOR

COLOR ANOMALIES AND METAL DEFICIENCIES IN SOLAR-TYPE DISK- POPULATION STARS
 PHYSICS OF COLOR PERCEPTION
 MECHANISMS OF COLOR DISCRIMINATION A BEHAVIORAL ANALYSIS FINAL REPORT JAN 1967
 RAMAN SCATTERING BY COLOR CENTERS
 MECHANISM SUBSERVING COLOR CODING IN THE VERTEBRATE RETINA FINAL REPORT DEC 1966
 MECHANISMS SUBSERVING COLOR CODING IN THE VERTEBRATE RETINA FINAL REPORT MARCH 1968
 NARROW BAND LONG RANGE COLOR TELEVISION SYSTEM INCORPORATING COLOR ANALYZER
 SPATIAL INTENSITY DISTRIBUTION AND COLOR ANALYZER FINAL REPORT SEP 1967
 NARROW BAND LONG RANGE COLOR TELEVISION SYSTEM INCORPORATING COLOR ANALYZER

AFOSR67-0034
 ARL 68-0206
 AFOSR67-2140
 AFOSR67-1761
 AFOSR67-0177
 AFOSR68-0907
 ARL 67-1134
 ARL 67-0102
 ARL 67-1134

COLORIMETRIC

COLORIMETRIC DESCRIPTION OF RADIATION EMERGING FROM THE TOP OF A RAYLEIGH ATMOSPHERE

AFOSR68-0690

COLORS

LUMINOSSITIES COLORS MOTIONS AND DISTRIBUTION OF FAINT BLUE STARS

AFOSR68-1994

COLOUR

PARADAY ROTATION STUDIES IN HG-O AND CA-O COLOUR CENTRES

AFOSR68-1706

COLUMBIUM

THE OBSERVATION OF MARKERS DURING THE OXIDATION OF COLUMBIUM

ARL 68-0044

COLUMN

A TWO-SEGMENT COLUMN PROCEDURE FOR SINGLE STEP ISOLATION OF DEXTRAN FROM RED CELL SUSPENSIONS
 CONTINUUM RADIATION IN AN ARGON POSITIVE COLUMN
 POLYGONAL AND SHIRT-PAK PLATES WITH CUT-OUTS AND COLUMN SUPPORTS
 FORMATION OF EXCITED MOLECULAR STATES IN THE POSITIVE COLUMN OF A HELIUM DISCHARGE

AFOSR67-1688
 AFOSR67-0478
 AFOSR68-2612
 AFOSR67-0412

COLUMN - CONTINUED

CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES IET THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH OXYGEN
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES II THE STRUCTURE OF THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH
THE ANALYSIS OF EXPERIMENTAL DATA OBTAINED FROM STABILITY STUDIES ON ELASTIC COLUMN AND PLATE STRUCTURES
AFOSR67-0646
AFOSR67-0671
AFOSR67-1209

COLUMNS

THE INTERACTION BETWEEN ELECTRIC ARC COLUMNS AND PARALLEL OR TRANSVERSE GAS FLOW
APL 66-1320

COMBINATION

A METHOD FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA
ON DEGRADATION OF COMBINATION LOCKS AND THE MAXIMUM TIME TO OPEN THEM
PHOTOCATHODE-FILTER COMBINATION RESPONSE CURVES AND TABLES FINAL REPORT MARCH 1967
DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND
DISPROPORTIONATION AND COMBINATION REACTIONS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL AND ISOPROPYL
COMPARISON OF TWO METHODS FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA
MATHEMATICAL PROPERTIES ASSOCIATED WITH COMBINATION LOCKS. FINAL REPORT MARCH 1966
THE HEAT OF FORMATION OF BORON TRIFLUORIDE BY DIRECT COMBINATION OF THE ELEMENTS
AFOSR66-0195
ARL 67-1269
ARL 67-0967
ARL 67-1111
ARL 67-0208
AFOSR66-0366
ARL 66-0060
AFOSR67-2017

COMBINATIONAL

HAZARDS IN COMBINATIONAL AND SEQUENTIAL SWITCHING CIRCUITS A SURVEY
AFOSR66-0370

COMBINATIONS

ASYMPTOTIC NORMALITY OF LINEAR COMBINATIONS OF FUNCTIONS OF ORDER STATISTICS II
ON THE COMPUTATION OF THE NUMBER OF ELEMENTS IN COMBINATIONS OF SETS
BASIC PARAMETERS FOR FILMS AND IMAGE INTENSIFIER-FILM COMBINATIONS AND PERFORMANCE COMPARISON FINAL REPORT MARCH 1966
AFOSR66-1277
AFOSR67-1880
ARL 66-0073

COMBINATORIAL

COMBINATORIAL DOCUMENT STORAGE AND RETRIEVAL
ON A COMBINATORIAL RESULT OF R A BRUALDI AND M NEWMAN
AFOSR67-0621
AFOSR66-2276

COMBINED

AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH 3RD COCOA BEACH FLORIDA 27-30 JUN 1967 COMPILATION
COMPILATION OF ABSTRACTS-6TH AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH
THE RESPONSE OF A THIN ELASTIC ROD TO COMBINED THERMAL AND MECHANICAL IMPULSE
OPTIMIZATION OF DISCRETE-TIME SYSTEMS WITH COMBINED MODULATION
BUCKLING OF UNSTIFFENED CONICAL SHELLS UNDER COMBINED LOADING
SCADS A PROGRAMMING SYSTEM FOR THE SIMULATION OF COMBINED ANALOG DIGITAL SYSTEMS
AFOSR67-0391
AFOSR67-2530
AFOSR66-1234
AFOSR66-2694
AFOSR66-0629
AFOSR67-2518

COMBINERS

MAXIMAL-RATIO DIVERSITY COMBINERS
AFOSR66-0509

COMBUSTIBLE

FORMATION OF MOVING AND STATIONARY DETONATION WAVES IN FLOWING COMBUSTIBLE MIXTURES
AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE; FINAL REPORT OCT
AFOSR66-0482
ARL 67-0202

COMBUSTION

COMBUSTION INSTABILITY IN LIQUID PROPELLANT ROCKET ENGINES FINAL REPORT OCT 1966
COMBUSTION PRESSURE OSCILLATIONS IN AN UNMIXED GAS ROCKET MOTOR
COMBUSTION GAS EMITTED RADIATION AND CHEMILUMINESCENCE PHENOMENA IN SOLID-GAS REACTING SYSTEMS FINAL REPORT APRIL 1967
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS FINAL REPORT JUNE 1967
COMBUSTION IRREGULARITIES OF SOLID PROPELLANTS FINAL REPORT AUG 1967
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
COMBUSTION KINETICS OF TETRAFLUOROETHYLENE FINAL REPORT SEPT 1967
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
COMBUSTION IRREGULARITIES OF SOLID PROPELLANTS FINAL REPORT AUG 1967
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
COMBUSTION KINETICS OF TETRAFLUOROETHYLENE FINAL REPORT JULY 1968
COMBUSTION OF AMMONIUM PERCHLORATE--SOME NEGATIVE CONCLUSIONS
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS
COMBUSTION OF BORON, MAGNESIUM, AND ALUMINUM SUSPENSIONS IN HYDROCARBON FUELS
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS
SUPERSONIC COMBUSTION SIMULATION
SUPERSONIC COMBUSTION SIMULATION
INTENTIONAL COMBUSTION OSCILLATIONS IN PROPELLION SYSTEMS FINAL REPORT FEB 1967
RESEARCH ON COMBUSTION PROCESSES AT HIGH SPEED AND AT LOW PRESSURES FINAL REPORT DEC 1967
VAPOR PHASE COMBUSTION OF BERYLLIUM AND ALUMINUM FINAL REPORT MARCH
IGNITION AND COMBUSTION OF SOLID PROPELLANTS FINAL REPORT SEPT 1966
THE HEATS OF COMBUSTION OF POLYTETRAFLUOROETHYLENE (TEFLON) AND GRAPHITE IN ELEMENTAL FLUORIDE
A M H D PLANT COMBUSTION TECHNIQUES AND SEEDING VII TEMPERATURE AND VELOCITY MODULATED M H D SYSTEMS
INVESTIGATION OF COMBUSTION CHARACTERISTICS OF A BI-PHASE ROCKET
ON LIQUID DROPLET COMBUSTION AT HIGH PRESSURES
LIQUID FUEL - AIR COMBUSTION I. ADDITION OF METAL COMPOUNDS AS SOLUBLE CHELATES TO LIQUID FUELS. II. SPECTRAL
SOME FUNDAMENTALS OF COMBUSTION INSTABILITY
SUPERSONIC BURNING AND COMBUSTION FINAL REPORT NOV 1967
COLLOQUIUM ON SUPERSONIC COMBUSTION
SURFACE EFFECTS IN SEEDED COMBUSTION PRODUCTS /PROCEEDINGS OF A SPECIALISTS MEETING AGARD PROPELLION AND ENERGETICS
DIFFUSIONAL-TYPE SUPERSONIC COMBUSTION AT LOW DENSITIES
THE EFFECT OF NON-EQUILIBRIUM COMBUSTION ON PROPELLANT PERFORMANCE
DIFFUSION FLAMES AND SUPERSONIC COMBUSTION FINAL REPORT OCT 1966
DIFFUSION FLAMES AND SUPERSONIC COMBUSTION FINAL REPORT OCT 1967
THE SHOCK TUNNEL AS A SUPERSONIC COMBUSTION TEST FACILITY
SOME FUNDAMENTAL PROBLEMS ON THE COMBUSTION OF LIQUID OXIDIZERS IN HYDROGEN
STUDIES OF HYDROGEN-AIR SUPERSONIC COMBUSTION AT LOW DENSITIES
THEORETICAL EFFECT OF NONEQUILIBRIUM COMBUSTION ON HYDRAZINE/NITROGEN TETROXIDE PROPELLANT PERFORMANCE
AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH 3RD COCOA BEACH FLORIDA 27-30 JUN 1967 COMPILATION
THERMAL RADIATION OF HIGH TEMPERATURE COMBUSTION PRODUCTS FINAL REPORT JAN 1967
EXPERIMENTAL TECHNIQUES FOR SUPERSONIC COMBUSTION RESEARCH IN A SHOCK TUNNEL
DEVELOPMENT OF A FACILITY FOR SUPERSONIC COMBUSTION SIMULATION
ANALYSIS OF FLUID DYNAMICS OF SUPERSONIC COMBUSTION PROCESS CONTROLLED BY MIXING
LOW TEMPERATURE SURFACE EMISSION IN SEEDED COMBUSTION PRODUCTS
VARIABLE PROPERTY EFFECTS ON LIQUID DROPLET COMBUSTION
MECHANICAL VIBRATION - A DRIVING MECHANISM FOR COMBUSTION INSTABILITY IN ROCKET ENGINES FINAL REPORT OCT 1966
SOLID PHASE REACTIONS IN SOLID PROPELLANT IGNITION AND COMBUSTION FINAL REPORT OCT 1966
ON THE INFLUENCE OF A FINITE AMPLITUDE PRESSURE PULSE WITH A COMBUSTION REGION
COMPILATION OF ABSTRACTS-6TH AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH
SPECIFIC HEAT RATIOS AND ISENTROPIC EXPONENTS FOR CONSTANT VOLUME COMBUSTION OF STOICHIOMETRIC MIXTURES OF HYDROGEN-
AFOSR67-0140
AFOSR67-1901
AFOSR67-1795
AFOSR67-2027
AFOSR67-2028
AFOSR67-2419
AFOSR66-0099
AFOSR66-0470
AFOSR66-1191
AFOSR66-1310
AFOSR66-1591
AFOSR66-1968
AFOSR66-2134
AFOSR66-2819
ARL 66-0319
ARL 66-1046
ARL 66-1073
ARL 67-1217
ARL 67-1218
AFOSR67-1546
AFOSR66-0467
AFOSR66-1249
AFOSR67-1901
AFOSR67-2013
AFOSR66-1179
AFOSR66-1206
AFOSR67-2042
ARL 67-1127
AFOSR66-0630
AFOSR66-0578
ARL 66-1232
AFOSR67-1216
ARL 67-1281
AFOSR67-2004
AFOSR67-0696
AFOSR66-0066
AFOSR67-0647
AFOSR66-1166
ARL 66-1350
AFOSR66-1290
AFOSR67-0391
AFOSR67-0961
AFOSR66-1195
ARL 67-0164
ARL 66-1118
AFOSR67-0697
AFOSR66-2825
AFOSR66-2354
AFOSR66-2207
AFOSR66-2430
AFOSR67-2530
ARL 67-0017

COMBUSTION - CONTINUED

MASS SPECTROSCOPIC OBSERVATION OF IGNITION PHENOMENA IN A SMALL ROCKET COMBUSTION CHAMBER
A GENERAL FORMULATION AND SOLUTION OF CHEMICAL RATE EQUATIONS FOR USE IN NON-EQUILIBRIUM COMBUSTION STUDIES AFOSR66-0225
AFOSR67-2021

COMBUSTOR

THE REACTION OF HYDRAZINE AND CHLORINE PENTAFLUORIDE IN A LABORATORY ROCKET COMBUSTOR AFOSR66-1294

COMETARY

INTRINSIC DISTRIBUTIONS OF COMETARY PERIMELIA AND MAGNITUDES AFOSR66-1776

COMETRY

RESEARCH ON RELATIONS BETWEEN COMETRY SOLAR AND UPPER ATMOSPHERIC PROCESSES FINAL REPORT APR 1967 AFCL67-0303

COMETS

NUCLEAR PROCESSES IN COMETS AFOSR67-1174

COMMA

A STUDY OF ERROR CORRECTING CODES III SYNCHRONIZABILITY AND COMMA FREEDOM AFCL67-0045

COMMA-FREE

A CLASS OF COMMA-FREE CODES AFOSR66-1780

COMMAND

TELEMETRY COMMAND AND BEACON ANTENNAS FOR VARIOUS AIR FORCE ROCKETS PROBES AND SATELLITES FINAL REPORT JAN 1967 AFCL67-0110
TELEMETRY AND COMMAND ANTENNAS FOR THE ATMOSPHERIC COMPOSITION SATELLITE AFCL67-0072
AN FUNDAMENTAL OF SOME VERTEBRATE COMMAND AND CONTROL PRINCIPLES AFOSR66-2603
MODELS FOR ANALYZING INFORMATION AND COMMAND SYSTEMS FINAL REPORT OCT 1966 AFOSR66-2188

COMMENCEMENTS

PEARL-TYPE MICROPULSATIONS ASSOCIATED WITH MAGNETIC STORM SUDDEN COMMENCEMENTS AFCL67-0249

COMMENT

COMMENT ON PAPER BY C. LOMNITZ /STATISTICAL PREDICTION OF EARTHQUAKES/ AFCL66-0162
COMMENT ON THE DEVIATION FROM AN INVERSE SIXTH POWER POTENTIAL IN THE SCATTERING OF A POLAR MOLECULE BY NONPOLAR GASES AFOSR67-2736
COMMENT ON THE USE OF LANGMUIR PROBES FOR LOW-DENSITY PLASMA DIAGNOSTICS ARL 66-0094
A COMMENT ON SELF-DIFFUSION IN LIQUID METALS AFOSR66-0047
A COMMENT ON SELF-DIFFUSION IN LIQUID METALS AFOSR66-0059
REPLY BY AUTHOR TO H. M. BERTRAMS COMMENT ARL 67-0074
DECISION PROCESSES IN RETRIEVAL FROM MEMORY COMMENT ON THE CONTRIBUTIONS OF LLOYD R. PETERSON AND CHARLES N. COFER AFOSR67-2232
PARTIAL DERIVATIVE OF T SUR C WITH RESPECT TO PRESSURE FOR TECHNETIUM AND A COMMENT ON ITS SIGN IN RELATION TO THE AFOSR66-1806

COMMENTARY

COMMENTARY ON THE RIGNEY AND BLAKELY PAPER KINETICS OF THE SOLID-LIQUID TRANSITION IN TIN AFOSR66-1544

COMMENTS

COMMENTS ON THE INFLUENCE OF INTERMEDIATE EXCITONS AND EXCHANGE FORCES ON THE INTERACTION IN MOLECULAR CRYSTALS THE AFOSR67-2164
COMMENTS ON THE CYBERNETICS OF ETHICAL SOCIOLOGICAL AND PSYCHOLOGICAL SYSTEMS AFOSR67-2721
COMMENTS ON FRICTION CONSTANT FORMALISM AFOSR67-2758
COMMENTS ON THE EQUATION OF STATE OF THE SQUARE-CELL FLUID AFOSR66-0421
COMMENTS ON SOLUTION FOR A SHOCK WAVE OF BINODAL DISTRIBUTION USING BHATTNAGAR-GROSS-KROOK MODELS AFOSR66-1230
COMMENTS ON THE EXPERIMENTAL AND THEORETICAL STUDY OF TRANSPORT PHENOMENA IN SIMPLE LIQUIDS AFOSR66-2000
COMMENTS ON FURTHER APPLICATIONS OF THE THEORY OF PARTICLE COARSENING AFOSR66-2226
COMMENTS ON A PAPER BY E. JAKEMAN AND E. R. PIKE--THE INTENSITY-FLUCTUATION DISTRIBUTION OF GAUSSIAN LIGHT AFOSR66-2626
COMMENTS ON THE STRUCTURE OF ELECTROLYTE SOLUTIONS BASED ON THERMAL DIFFUSION MEASUREMENTS ARL 67-1245
COMMENTS ON TECHNIQUES APPLICABLE TO DETERMINATIONS OF SPATIAL DISTRIBUTION OF INTENSITY AND CHROMATICITY ARL 66-0241
COMMENTS ON OPTICAL RADAR AND PASSIVE OPTO-ELECTRONIC RANGE FINDING ARL 66-0262
COMMENTS ON ELECTROFLUIDODYNAMICS AND RELATED RESEARCHES IN ITALY ARL 66-1369
SOME COMMENTS ON THE PROPERTIES OF TRIPLET EXCITONS IN MOLECULAR CRYSTALS AFOSR66-0430
SOME COMMENTS ON EXISTENCE AND UNIQUENESS THEOREMS IN APPLIED MATHEMATICS WITH AN APPLICATION TO THIN AFOSR66-1574
SOME COMMENTS ON IRREVERSIBILITY AFOSR66-2719
FURTHER COMMENTS ON REPLICATION IN M/R -SYSTEMS AFOSR67-1705
FURTHER COMMENTS ON THE PAPER /ON THE INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM /AMORPHOUS/ BORON/ ARL 67-0248
SELF-CONSISTENT OPV BAND CALCULATIONS WITH SPECIAL COMMENTS ON SATURATED EARTH PLUGS ARL 66-1456
THE STRUCTURE OF HEXAMETHYLBENZENECHROMIUM TRICARBONYL WITH COMMENTS ON THE DIBENZENECHROMIUM STRUCTURE AFOSR67-0741
INDIVIDUAL DIFFERENCES AND THEORETICAL PROCESS VARIABLES GENERAL COMMENTS ON THE CONFERENCE AFOSR67-1810
THREE-DIMENSIONAL CRYSTAL STRUCTURE OF BENZENECHROMIUM TRICARBONYL WITH FURTHER COMMENTS ON THE DIBENZENECHROMIUM AFOSR67-0725

COMMITMENT

INFLUENCE OF A CAMPUS ENVIRONMENT ON STUDENT COMMITMENT TO A PARA-MILITARY ORGANIZATION FINAL REPORT OCT 1966 AFOSR66-1894
TOWARD A TWO-DECISION THEORY OF ORGANIZATIONAL CONFLICT AND COMMITMENT AFOSR67-1083

COMMON

COMMON TERMINAL MULTICOMMODITY FLOW AFOSR66-2260
THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD SULFINYL SULFUR THE NUCLEOPHILE-CATALYZED HYDROLYSIS AFOSR66-2069
MECHANISMS OF SUBSTITUTION AT SULFINYL SULFUR III THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD AFOSR67-0117

COMMUNICATION

COMMUNICATION AND EPIDEMIC PROCESSES AFOSR67-1474
COMMUNICATION AND INFORMATION THEORY ASPECTS OF THE NERVOUS SYSTEM FINAL REPORT JULY 1967 AFOSR67-1922
BRIEF COMMUNICATION A NEW TECHNIQUE FOR A STABLE PHOTIC STIMULATION OF FREE-MOVING ANIMALS AFOSR66-1699
NATURAL COMMUNICATION WITH COMPUTERS FINAL REPORT AUG 1967 AFCL67-0465
DYNAMIC COMMUNICATION NETWORKS AFOSR66-0090
FEEDBACK COMMUNICATION SYSTEMS II FINAL REPORT NOV 1967 AFCL67-0408
AUDITORY COMMUNICATION /SUMMARY/ AFOSR67-2436
STATISTICAL COMMUNICATION THEORY FINAL REPORT JUNE 1968 AFCL66-0512
PRELIMINARY COMMUNICATION GENERATION OF FLUOROCHLOROCARBENE BY THE MERCURIAL ROUTE AFOSR66-0322
VULNERABILITY OF COMMUNICATION NETWORKS AFOSR66-1175
ANALYSIS AND DESIGN OF COMMUNICATION NETWORKS WITH MEMORY AFOSR67-0393
PRINCIPLES OF CONCURRENT COMMUNICATION AFOSR67-0632
EXPERIMENTAL RESEARCH ON COMMUNICATION ABILITIES AND CREATIVE ABILITIES FINAL REPORT APRIL 1967 AFOSR67-1523
INNOVATION IN TASK-ORIENTED COMMUNICATION FINAL REPORT AUG 1967 AFOSR67-1868
DISCRETE ESTIMATION OF DIGITAL COMMUNICATION PROCESSES AFOSR66-2028
A GENERAL STUDY OF THE CHANNELS OF COMMUNICATION BETWEEN COMMUNIST CHINA AND THE WESTERN WORLD AFOSR67-0984

PARAMETRIC ANALYSIS OF STATISTICAL COMMUNICATION KEYS
ON THE OPTIMUM SYNTHESIS OF STATISTICAL COMMUNICATION WITH STUDD PARAMETRIC TECHNIQUES
BINARY DETECTION IN AN OPTICAL POLARIZATION MODULATION COMMUNICATION CHANNEL
THE RELATION OF DESCRIPTIVE PHOTOPHYSICS TO RESEARCH IN SPEECH COMMUNICATIONS
FIXED-WORD-DURATION VARIABLE-DATA-RATE PROCEDURES FOR TETRA-CHANNEL COMMUNICATION SYSTEMS
A CONTRIBUTION TO THE SIGNAL-DESIGN PROBLEM FOR INCOHERENT IMAGE COMMUNICATION SYSTEMS
A NEW MODEL FOR INDULSIVE PHENOMENA APPLICATION TO ATMOSPHERIC-NOISE COMMUNICATION CHANNELS
ANALYSIS AND SIMULATION OF WORD-SELECTION PROCEDURES IN REMOTE COMMUNICATION SYSTEMS PART II - RECOGNITION AND
A NEW MODEL FOR INDULSIVE PHENOMENA APPLICATION TO ATMOSPHERIC-NOISE COMMUNICATION CHANNELS

COMMUNICATIONS

GUERRILLA COMMUNICATIONS
IMPROVED ANALOG VOICE COMMUNICATIONS
RESEARCH IN MULTIPLE ALTERNATIVE COMMUNICATIONS FINAL REPORT NOV 1966
HIGH-GAIN UHF BACKSCATTER ANTENNA FOR COMMUNICATIONS TELEMETRY AND RADAR AIRBORNE
REVIEW OF WORLDWIDE IONOSPHERIC AND COMMUNICATIONS EFFECTS OF A SOLAR MINIMUM DURING 1964-1965 VOLUME II FINAL REPORT NOV 1966

COMMUNICATOR

SEX OF THE COMMUNICATOR AS A VARIABLE IN SOURCE CREDIBILITY

COMMUNIST

CHINESE COMMUNIST HISTORY - THE AUTUMN HARVEST INSURRECTION
BOOK PUBLISHING IN COMMUNIST CHINA
THE FILM INDUSTRY IN COMMUNIST CHINA
RADIO BROADCASTING IN COMMUNIST CHINA
PRESS AND JOURNALS IN COMMUNIST CHINA
PROPAGANDA CAMPAIGNS IN COMMUNIST CHINA
PRELIMINARY REPORT ON CHINESE COMMUNIST INDOCTRINATION OF MILITARY MEMBERS OF WAR
TRANSFORMATIONS IN THE CHINESE COMMUNIST PARTY
THE USE OF TRADITIONAL MEDIA FOR MODERNIZATION IN COMMUNIST CHINA
CODING AND ANALYSIS OF DOCUMENTARY MATERIALS FROM COMMUNIST CHINA
STUDIES IN SOCIAL AND POLITICAL BEHAVIOR AND CHANGE COMMUNIST CHINA FINAL REPORT JUNE 1966
A GENERAL STUDY OF THE CHANNELS OF COMMUNICATION BETWEEN COMMUNIST CHINA AND THE REST OF THE WORLD

COMMUNITY

ON THE PROMOTION OF PHYSICS IN OUR COMMUNITY
AN INTERTEMPORAL ANALYSIS OF THE DEFENSE IMPACT UPON A LOCAL COMMUNITY CASE STUDY OF EL PASO COUNTY, TEXAS 1941-1965

COMMUTATION

COMMUTATION RELATIONS OF BARYON CURRENTS
ON THE COMMUTATION RULES BETWEEN AXIAL CHARGES AND AXIAL DIVERGENCES
CONSISTENCY OF CURRENT COMMUTATION RELATIONS AND RELATED CONSIDERATIONS
NUMBER OPERATORS FOR REPRESENTATIONS OF THE CANONICAL COMMUTATION RELATIONS
RELATIONS BETWEEN PARTIALLY CONSERVED AXIAL-VECTOR CURRENT AXIAL-VECTOR CHARGE COMMUTATION RELATIONS AND C-INVARIANCE

COMMUTATOR

EQUAL-TIME COMMUTATOR AND ZERO-ENERGY THEOREM IN THE LEE MODEL
ON A CLASSICAL COMMUTATOR RESULT
ELECTROMAGNETIC MASS SHIFTS COMMUTATOR AMBIGUITIES AND EXPONENTIALLY FALLING FORM FACTORS

COMMUTATORS

COMMUTATORS OF MATRICES WITH PRESCRIBED DETERMINANT
STRESS-TENSOR COMMUTATORS AND SCHWINGER TERMS
A NOTE ON MATRIX COMMUTATORS
MULTIPLICATIVE MATRIX COMMUTATORS COMMUTING WITH BOTH FACTORS
APPROACH TO EQUAL-TIME COMMUTATORS IN QUANTUM FIELD THEORY
CONSISTENCY OF CURRENT COMMUTATORS
COVARIANT ANALYSIS OF QUARK COMMUTATORS AND ELECTROMAGNETIC COUPLINGS
CURRENT-DENSITY-CURRENT-DENSITY COMMUTATORS AND VECTOR-MESON DECAYS
RESONANCE SATURATION OF AXIAL CHARGE COMMUTATORS SU(3) SYMMETRY AND SCALAR MESONS
ELECTROMAGNETIC MASS SHIFTS EQUAL-TIME COMMUTATORS AND JOSEPHSON REPRESENTATION

COMMUTING

MULTIPLICATIVE MATRIX COMMUTATORS COMMUTING WITH BOTH FACTORS
UNITARY AND ANTIUNITARY RAY REPRESENTATIONS OF THE PRODUCT OF N COMMUTING PARITY OPERATORS

COMPACT

CLASSES OF COMPACT OPERATORS AND EIGENVALUE DISTRIBUTIONS FOR ELLIPTIC OPERATORS
ON THE BASE PROBLEM FOR A COMPACT INTEGRAL OPERATOR
INTEGRAL REPRESENTATION ON COMPACT CONVEX SETS
UNIFORM DISTRIBUTION IN LOCALLY COMPACT ABELIAN GROUPS
TRANSLATION-INVARIANT DIRICHLET ALGEBRAS ON COMPACT GROUPS
INHOMOGENEOUS COMPLETION OF NON-COMPACT SEMISIMPLE GROUPS WITH THE MAXIMAL COMPACT SUBGROUP AS LITTLE GROUP

COMPACTS

LONGITUDINAL SOUND VELOCITIES OF GRANULAR COMPACTS OF AMMONIUM PERCHLORATE AND POTASSIUM CHLORIDE

COMPARATIVE

COMPARATIVE PRONOUNCEABILITY RATINGS /P/ OF 100 CVCS IN TWO COLLEGE POPULATIONS
COMPARATIVE NEUROPHYSIOLOGY OF THE VISUAL SYSTEM FINAL REPORT SEPT 1967
COMPARATIVE STUDY OF OPTIMIZATION TECHNIQUES FOR SHOCK AND VIBRATION ISOLATION
COMPARATIVE STUDIES OF THE ATTACK OF PYROLYTIC AND ISOTROPIC GRAPHITE BY ATOMIC AND MOLECULAR OXYGEN AT HIGH
COMPARATIVE NEUROPHYSIOLOGY OF THE VISUAL SYSTEM FINAL REPORT SEPT 1966
A COMPARATIVE STUDY OF VNGVS DEPTH HYPOTHESIS FINAL REPORT MAY 1967
THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES II PHYSICAL AND CHEMICAL PROPERTIES
THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES I ISOLATION AND CHARACTERIZATION FROM CHICKEN AND RABBIT TISSUES
THE ON SCALE A COMPARATIVE SOCIO-PSYCHOLOGICAL MEASURE OF INDIVIDUAL MODERNITY

COMPARISON

COMPARISON OF SAT LITE GEODES AND ANOMALY FIELDS
COMPARISON OF CHLORINE FLUORESCENCE AND UNHEATED OBSERVATIONS OF OZONE
COMPARISON BETWEEN EXPERIMENTAL AND CALCULATED SPECTRA OF CARBON DIOXIDE AND WATER VAPOR
COMPARISON OF MULTIDIMENSIONAL DECISION-THEORETIC ANTENNA PROCESSING SYSTEM AND CONVENTIONAL SYSTEMS
COMPARISON OF TWO METHODS FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA

[illegible][illegible]

References

LAMP COMPARISONS BETWEEN FIVE TREATMENT SYSTEMS OF FERMALPODS AND HARKAS
 MULTIPLE COMPARISONS FOR ACTIVATED CARBON FOR
 MULTIPLE COMPARISONS OF GROWTH CURVES
 MULTIPLE COMPARISONS OF GROWTH CURVES
 SIMULTANEOUS TEST FOR MULTIPLE COMPARISONS OF GROWTH CURVES FINAL REPORT SEP 1967
 SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MAXIMUM RESPONSE GROWTH CURVES
 SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MULTI-RESPONSE GROWTH CURVES

電話： 01-10240
 支店： 01-10247
 支店： 01-12244
 支店： 01-14644
 支店： 01-11943
 支店： 01-11141
 支店： 01-14944

COMBATIBLE:-

4. WOUND MATERIALS AND THEIR APPLICATIONS TO MULTIPHASE & INFECTIOUS DISEASES
ELEMENT STIFFNESS-MATRICES FOR BOUNDARY COMPATIBILITY AND FOR PRESCRIBED BOUNDARY VALUE

1. 7-2-1-14-1
 2. 7-2-1-14-2
 3. 7-2-1-14-3

COMBAT 1948

SYNTHESIS OF ACTIVE AND PASSIVE COMPATIBLE IMPEDANCES
ANALYSIS AND SYNTHESIS OF NETWORKS USING RESONATORS COMPATIBLE WITH INTEGRATED ELECTRONICS

AFOSR66-1239
AFCL 67-0472

COMPENSATED

GAIN COMPENSATION PHOTOPOLARIMETER FOR AIRBORNE MEASUREMENTS OF SKYLIGHT POLARIZATION
LOCAL MODE ABSORPTION IN COMPENSATED SILICON-DOPED GALLIUM ARSENIIDE
MOBILITY OF ELECTRONS IN COMPENSATED SEMICONDUCTORS II THEORY
MOBILITY OF ELECTRONS IN COMPENSATED SEMICONDUCTORS I EXPERIMENT

AF03R67-0396
AF03R67-0479
AF03R68-0803
AF03R68-0807

COMPENSATION

COMPENSATION FOR AUDITORY RE-ARRANGEMENT IN THE ABSENCE OF OBSERVER MOVEMENT
COMPENSATION FOR AUDITORY RE-ARRANGEMENT IN HAND-EAR COORDINATION
COMPENSATION FOR AUDITORY RE-ARRANGEMENT FOLLOWING EXPOSURE TO AUDITORY-TACTILE DISCORDANCE
DERIVATION OF THE PRINCIPLE OF COMPENSATION OF DANGEROUS DIAGRAMS
BEST ENERGY CRITERION AND THE PRINCIPLE OF COMPENSATION OF DANGEROUS DIAGRAMS
ERRORS IN AUDITORY DIRECTION-FINDING AFTER COMPENSATION FOR VISUAL RE-ARRANGEMENT

AFOSR67-1234
AFOSR67-1725
AFOSR68-0314
AFOSR68-1068
AFOSR67-1261
A 12. 67-2749

COMPENSATOR

ELLIPSOmetry USING A RETARDATION PLATE AS COMPENSATOR

AFDSR07-2907

COMPETENCE

A CENTER OF COMPETENCE IN SOLID STATE MATERIALS AND DEVICES
A CENTER OF COMPETENCE IN SOLID STATE MATERIAL AND DEVICES
STUDIES ON THE COMPETENCE OF SINGLE CELLS TO PRODUCE ANTIBODIES OF TWO SPECIFICITIES

AFCRL 68-0185
AFCRL 68-0493
AFOSR 68-2726

COMPETITION

ANTIGENIC COMPETITION BETWEEN POLYPEPTIDOYL DETERMINANTS IN NORMAL AND TOLERANT RABBITS

AP05R68-1652

COMPETITIVE

COMPETITIVE TRAPPING IN SODIUM DISILICATE GLASSES DOPED WITH TRIVALENT EUROPIUM
VIBRATIONAL ENERGY TRANSFER COLLISIONAL QUENCHING OF COMPETITIVE UNIMOLECULAR REACTIONS
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS II EVIDENCE FOR COMPETITIVE

AFOSR67-0012
AFOSR68-1967
AFOSR67-0706

COMPI LATION

COMPILATION OF ABSTRACTS-4TH AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH
 COMPILATION AND ANALYSIS OF LEXICAL RESOURCES IN INFORMATION SCIENCE FINAL REPORT JUNE 1988
 A COMPILATION OF SOLAR RADIO SWEPT-FREQUENCY OBSERVATIONS 1985-1994
 A COMPILATION OF BINDING ENERGY VALUES OF LIGHT HYPERNUCLEI
 AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH 3RD COCA AFMCH FLORIDA 27-30 JUN 1987 COMPILATION

AFOSR67-2530
AFOSR67-1379
AFOSR67-0391
AFOSR67-1005
AFOSR67-0391

COMPT. FR

COMPUTER COMPILER ORGANIZATION STUDIES FINAL REPORT MAY 1967

APCRL 67-0483

COMPLEMENTARY

COMPLEMENTARY FORMS OF THE VARIATIONAL PRINCIPLE FOR HEAT CONDUCTION AND CONVECTION
 INEQUALITIES COMPLEMENTARY TO CAUCHY'S INEQUALITY FOR SUMS OF REAL NUMBERS

AFOSR66-6099
 AFOSR66-6101

COMPLEMENTS

SOME COMPLEMENTED FUNCTION SPACES IN $C(X)$

AFOSR66-6473

COMPLETE

COMPLETE SOLUTION OF A GENERAL PROBLEM OF THREE BODIES
 COMPLETE PROTON AND NATURALLY OCCURRING SULFUR ISOTOPE SUPER 315 HYPERFINE SPLITTINGS IN THE THIANTHRENE CATION
 ESTIMATING A COMPLETE METRIC INVARIANT FOR AUTOMORPHISMS OF THE TORUS
 GENERATION OF COMPLETE IDEALS
 AN ARITHMETIC EXPLANATION OF COMPLETE SELF-REPRODUCTION
 MAXIMUM-LIKELIHOOD ESTIMATION OF THE PARAMETERS OF A FOUR-PARAMETER GENERALIZED GAMMA POPULATION FROM COMPLETE AND

AFOSR66-6339
 AFOSR66-1312
 AFOSR67-2171
 AFOSR66-2413
 AFOSR66-2879
 ARL 67-0089

COMPLETION

INHOMOGENEOUS COMPLETION OF NON-COMPACT SEMISIMPLE GROUPS WITH THE MAXIMAL COMPACT SUBGROUP AS LITTLE GROUP

AFOSR67-0677

COMPLEX

COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE THEORY
 COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE THEORY
 COMPLEX MIXING MODELS FOR CHEMICAL REACTION SYSTEMS FINAL REPORT MAY 1967
 COMPLEX FOURIER TRANSFORM TECHNIQUE IN VARIABLE COEFFICIENT PARTIAL DIFFERENTIAL EQUATIONS
 COMPLEX ANGULAR MOMENTUM AND INFINITE HELICITY SUMS
 COMPLEX VARIABLES AND APPLICATIONS
 SOLUBILITY AND COMPLEX FORMATION EQUILIBRIA OF SILVER CHLORIDE IN PROPYLENE CARBONATE
 CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC JORDAN CURVE WITH
 FUNCTIONS OF A COMPLEX VARIABLE FINAL REPORT JUNE 1968
 ON THE REACTION COMPLEX OF THE CSUB3HSUB6PLUS-CSUB3HSUB6 ION-MOLECULE REACTION
 THE DESIGN OF A MORE COMPLEX BUILDING BLOCK FOR DIGITAL SYSTEMS
 SOLVATION OF EXTRACTED COMPLEX METAL ACIDS III THE HFSURCLA DIETHYL ETHER SYSTEM
 SOLVATION OF EXTRACTED COMPLEX METAL ACIDS II
 SOLVATION OF EXTRACTED COMPLEX METAL ACIDS IV THE MAUCLA-NITROBENZENE SYSTEM
 ELLIPTIC FUNCTIONS FOR COMPLEX ARGUMENTS FINAL REPORT JAN 1967
 INFORMATION TRANSFER IN COMPLEX SYSTEMS WITH APPLICATIONS TO REGULATION
 QUANTUM PROGRAMMING IN COMPLEX SPACE
 OPTIMAL TIME ALLOCATION ON COMPLEX TASKS
 RELIABILITY APPROXIMATIONS FOR COMPLEX STRUCTURES
 ANOMALOUS THRESHOLDS AS LIMITS OF COMPLEX SINGULARITIES
 REMARKS ON INTEGRAL INEQUALITIES ON COMPLEX MANIFOLDS
 A NEW TYPE OF CYCLIC TRANSITION METAL COMPLEX
 CALCULATION OF THE IMAGINARY PART OF THE COMPLEX DIELECTRIC CONSTANT OF COS
 POLYNOMIALS ASSOCIATED WITH MEASURES IN THE COMPLEX PLANE
 DYNAMICAL REARRANGEMENT OF SYMMETRIES II THE COMPLEX SCALAR FIELD
 ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL COMPLEX VARIABLES
 ELECTROCHEMICAL MASKING WITH AN ADSORBED METAL COMPLEX DETERMINATION OF SILVER- - MERCURY MIXTURES
 SYMMETRIC QUALITY FOR DYNAMIC PROGRAMMING IN COMPLEX SPACE
 MOLECULAR PHOTOCHEMISTRY VIII EVIDENCE FOR A SINGLE-STATE COMPLEX IN THE PHOTOCYCLOADDITION OF ACETONE TO TRANS-1,2-
 THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL II/ CYANIDE COMPLEX CONTAINING THE TETRAEDRATE LIGAND TRIS/3-
 SOLUTION OF THE EXCHANGE-SCATTERING PROBLEM WITHOUT INADMISSIBLE COMPLEX POLES
 UNIQUENESS THEOREMS FOR ANALYTIC FUNCTIONS OF ONE AND OF SEVERAL COMPLEX VARIABLES
 TRIPLET-STATE ELECTRON SPIN RESONANCE OF AN H-ATOM-METHYL-RADICAL COMPLEX IN A SOLID MATRIX
 ORGANOMETALLIC SULFUR COMPLEXES VI THE MOLECULAR STRUCTURE A TRICYCLIC COMPLEX TRICOBALT ENNEACARBONYL SULFIDE
 A HYBRID DATA ACQUISITION AND CONTROL SYSTEM FOR A HYPERSONIC WIND TUNNEL COMPLEX
 PREPARATION AND STRUCTURE OF /CHSUB3SFSUB2SUB2/CO/SUB3SUB2/ AN ORGANOMETALLIC COMPLEX CONTAINING A TETRAHEDRAL-LIKE
 ORGANOMETALLIC SULFUR COMPLEXES IX STRUCTURE OF A HEXANUCLEAR COBALT CARBONYL SULFUR COMPLEX CONTAINING A
 ORGANOMETALLIC SULFUR COMPLEXES XII STRUCTURE OF A HEXAMERIC MERCAPTOCOBLAT CARBONYL SULFIDE COMPLEX
 ORGANOMETALLIC SULFUR COMPLEXES VIII THE MOLECULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGED DIMERIC COMPLEX OF HOLYBOENUM
 ORGANOMETALLIC SULFUR COMPLEXES XI PREPARATION AND STRUCTURE OF A PENTAMERIC MERCAPTOCOBLAT CARBONYL COMPLEX

AFCL67-0380
 AFOSR67-1731
 AFOSR67-2723
 AFOSR67-2849
 AFOSR66-0779
 ARL 66-1276
 AFCL66-0142
 AFOSR67-2550
 AFOSR66-1405
 ARL 66-0127
 AFCL67-0816
 AFOSR67-1140
 AFOSR67-2713
 AFOSR66-1781
 ARL 67-0001
 AFOSR66-0727
 ARL 66-0288
 AFOSR66-1192
 AFOSR67-1916
 AFOSR67-1541
 AFOSR67-0118
 AFOSR67-0724
 ARL 67-1269
 AFOSR67-2757
 AFOSR67-1513
 AFOSR67-2759
 AFOSR66-0811
 ARL 66-0090
 AFOSR66-1727
 AFOSR67-2172
 AFOSR67-0971
 AFOSR66-0966
 AFOSR67-0188
 AFOSR67-1714
 ARL 66-1385
 AFOSR67-1659
 AFOSR67-2191
 AFOSR66-2431
 AFOSR67-2210
 AFOSR66-2735

COMPLEXES

COMPLEXES OF CHROMIUM II/II/ WITH SOME N-SUBSTITUTED ETHYLENEDIAMINETRIACETIC ACIDS
 COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES III METAL CARBONYL COMPLEXES OF 9-PHENYL-9-PHOSPHABICYCLO /4,2,1/
 COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES IV METAL CARBONYL COMPLEXES OF CIS-BIS-1,2-DIPHENYLPHOSPHINO/ ETHYLENE
 PERFLUOROALKYL COMPLEXES OF PALLADIUM AND PLATINUM
 THE DARK EARTH COMPLEXES OF HEPTAFLUORO-OCTAEDRONE
 CHARGE-TRANSFER COMPLEXES OF PURINES AND PYRIMIDINES
 TRANSITION-METAL COMPLEXES CONTAINING NITROGEN PHOSPHORUS OR SULFUR
 POLYFLUOROACETONE COMPLEXES OF TRANSITION METALS
 SOME DI-MOLECULAR COMPLEXES SHOWING NO CHARGE TRANSFER SPECTRA FORMED BY P-TOLUENESULFONIC ESTERS
 TERTIARY PHOSPHINE COMPLEXES OF PLATINUM/II/ AND PALLADIUM /II/
 POLYNUCLEAR HYDROXO COMPLEXES FINAL REPORT SEPT 1968
 TERTIARY PHOSPHINE COMPLEXES OF NICKEL SPECTRAL MAGNETIC AND PROTON RESONANCE STUDIES A PLANAR-TETRAHEDRAL
 TERTIARY PHOSPHINE COMPLEXES OF COBALT SPECTRAL MAGNETIC AND ELECTRON PARAMAGNETIC RESONANCE STUDIES
 ORGANOMETALLIC SULFUR COMPLEXES VI THE MOLECULAR STRUCTURE A TRICYCLIC COMPLEX TRICOBALT ENNEACARBONYL SULFIDE
 ORGANOMETALLIC SULFUR COMPLEXES IX STRUCTURE OF A HEXANUCLEAR COBALT CARBONYL SULFUR COMPLEX CONTAINING A
 ORGANOMETALLIC SULFUR COMPLEXES VIII THE MOLECULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGED DIMERIC COMPLEX OF HOLYBOENUM
 ORGANOMETALLIC SULFUR COMPLEXES XII STRUCTURE OF A HEXAMERIC MERCAPTOCOBLAT CARBONYL SULFIDE COMPLEX
 ORGANOMETALLIC SULFUR COMPLEXES XI PREPARATION AND STRUCTURE OF A PENTAMERIC MERCAPTOCOBLAT CARBONYL COMPLEX
 1,1,1-TRIFLUORODIBORANE COMPLEXES
 INTERMEDIATE COLLISION COMPLEXES IN ION-MOLECULE REACTIONS IN UNSATURATED HYDROCARBONS
 RARE EARTH DATA-OXIDATE COMPLEXES
 THEORY OF EXCITON-IMPURITY COMPLEXES
 THEORY OF EXCITON-IMPURITY COMPLEXES
 SPECTROSCOPY OF SELECTED COMPLEXES OF FIRST ROW TRANSITION ELEMENTS
 INVESTIGATION OF LOGIC CIRCUIT COMPLEXES UNIVERSAL FUNCTION MODULES FINAL REPORT APR 1967
 LOCAL MODE STUDIES OF LI-DEFECT COMPLEXES IN GA-AS AND B-P PAIRS IN SI FINAL REPORT APR 1968
 THE ADSORPTION OF METAL CHELATE COMPLEXES FROM ORGANIC SOLUTIONS
 EXCITED STATES OF BOUND EXCITON COMPLEXES IN COS
 NEW ROUTES TO FLUOROCARBON NICKEL COMPLEXES
 ABSORPTION SPECTRA OF SQUARE-PLANAR COMPLEXES OF ETHYLENEDIAMINE WITH NICKEL/II/ AND PALLADIUM/II/
 DIHALOISOTRIARYLPHOSPHINE/IRON/II/ COMPLEXES ISOTROPIC PROTON MAGNETIC RESONANCE SHIFTS AND THE KINETICS OF LIGAND
 STEREOCHEMISTRY OF TRANSITION METAL COMPLEXES
 STABILIZATION OF SOME CHELATING AGENTS AND COMPLEXES WITH ALKALINE FERRICYANIDE
 SPECTROSCOPIC STUDIES OF RUTHENIUM II/II/ COMPLEXES. ASSIGNMENT OF THE LUMINESCENCE
 CHEMISTRY OF THE METAL CARBONYLS XLVIII COMPLEXES OF DIHYDRO HEXAFLUOROARENES
 INTRAMOLECULAR ISOMERIZATION OF OCTAHEDRAL COMPLEXES BY MECHANISMS NOT INVOLVING BOND RUPTURE
 STEREOCHEMICAL CHANGES IN TRANSITION METAL COMPLEXES
 N.M.R. STUDIES OF OPTICAL COMPLEXES OF OCTAHEDRAL COMPLEXES
 A WASSAUER STUDY OF IRON II/II/ - 1,10-PHENANTHROLINE COMPLEXES
 THE GROWTH OF SINGLE CRYSTALS OF THE CHARGE TRANSFER COMPLEXES FINAL REPORT NOV 1967
 ASSIGNMENT OF THE LUMINESCENCE FROM RUTHENIUM II/II/ COMPLEXES

AFOSR67-2657
 AFOSR66-0693
 AFOSR66-1709
 AFOSR66-0888
 ARL 67-1113
 AFOSR66-0666
 AFOSR66-0343
 AFOSR66-0801
 AFOSR66-1593
 AFOSR67-1424
 AFOSR66-1881
 AFOSR67-0230
 AFOSR67-2796
 AFOSR67-1714
 AFOSR67-2191
 AFOSR67-2210
 AFOSR66-2431
 AFOSR66-2735
 AFOSR67-1128
 ARL 67-1104
 ARL 66-1005
 ARL 66-1059
 ARL 66-1355
 ARL 66-1046
 AFCL67-0243
 AFCL66-0196
 ARL 67-1017
 ARL 66-0229
 AFOSR66-2141
 AFOSR66-0360
 AFOSR66-2624
 ARL 66-1070
 AFOSR67-2632
 AFOSR66-1576
 AFOSR66-2140
 ARL 67-0095
 ARL 67-1172
 ARL 66-1302
 AFOSR67-1207
 AFCL67-0635
 AFOSR67-2632

TRANSITION FROM EXCITED TRIPLET STATE OF BOUND PRECIOUS COMPLEXES CHROMATOGRAPHY AND SOLVENT EXTRACTION OF ORGANOMETALLIC COMPLEXES FINAL REPORT SEP 1967 LIGAND-FIELD TRANSITIONS IN TERTIARY PHOSPHINE AND ARSINE COMPLEXES OF RUTHENIUM /II/ AND OSMIUM /II/ MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS I METAL CARBOXYL COMPLEXES OF TRIS /DIMETHYLAMINO/ PHOSPHINE FORMATION AND OXIDATION OF ALKYL RADICALS BY COBALT /III/ COMPLEXES ON THE MULTIPLICITY OF THE EMITTING STATE OF RUTHENIUM /II/ COMPLEXES COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES IV METAL CARBOXYL COMPLEXES OF CIS-BIS-1 2-/DIPHENYLPHOSPHINO/ ETHYLENE CRYSTAL STRUCTURE OF A 1:1 MIXTURE OF TWO IRON CARBOXYL SULFUR COMPLEXES COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES III METAL CARBOXYL COMPLEXES OF 9-PHENYL-9-PHOSPHABICYCLO /4.2.1/ DETERMINATION OF RATES OF RACEMIZATION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NMR STUDIES OF RACEMIC MIXTURES INFRARED SPECTRA AND STRUCTURE OF PHOSPHINE AND SUBSTITUTED PHOSPHINE COMPLEXES OF GALLIUM TRIHALIDES A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE COMPLEXES OF PLATINUM /II/ DETERMINATION OF RATES OF OPTICAL INVERSION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NUCLEAR MAGNETIC RESONANCE OPEN-SHELL HARTREE-FOCK MOLECULAR ORBITAL THEORY OF TRANSITION METAL ION COMPLEXES /RNIFSUB3/ POTASSIUM NICKEL FLUORIDE THERMOGRAVIMETRIC ANALYSES AND VAPOR PHASE SEPARATIONS OF VOLATILE METAL COMPLEXES THE PREPARATION OF 1 2 AND 1 3 CIS DIALKYLPROPANEDIAMINE CHROMIUM HALIDE COMPLEXES BY THE THERMAL MATRIX METHOD CLARIFICATION OF DISCREPANCIES IN THE CHARACTERIZATION OF LANTHANUM SERIES COMPLEXES TO 2,2,6,6-TETRAMETHYL-3,5- CHEMISTRY OF THE METAL CARBOXYLS PART XLIII PERFLUORODALLENYL-RHENIUM AND IRON COMPLEXES CHEMISTRY OF THE METAL CARBOXYLS PART XLVI PERFLUORODALLENYL IRON RHENIUM AND MANGANESE COMPLEXES CHEMISTRY OF THE METAL CARBOXYLS PART XLIX DICARBONYL-P1- CYCLOPENTADIENYL RUTHENIUM FLUOROCARBON COMPLEXES MULTIIONIC LIGAND KINETICS X EXCHANGE REACTIONS OF METAL /II/-CYCLOHEXYLENEDIAMINETETRAACETATE COMPLEXES	ARL 66-1379 ARL 67-0191 AFOSR66-0907 AFOSR66-1712 AFOSR66-0909 AFOSR66-1708 AFOSR66-1709 AFOSR67-0727 AFOSR66-0693 ARL 67-1741 AFOSR67-1631 AFOSR67-1613 ARL 67-0226 AFOSR67-1633 ARL 66-1050 AFOSR67-1897 ARL 67-0213 AFOSR66-0869 AFOSR66-1338 AFOSR66-2814 AFOSR67-0713
COMPLEXING	
STRUCTURAL EFFECTS ON THE COMPLEXING ABILITY OF ALKYL DIPHENYLPHOSPHINATES WITH MAGNESIUM IODIDE	AFOSR67-0751
COMPLEXITY	
ORGANIZATIONAL SIZE COMPLEXITY AND FORMALIZATION	AFOSR66-0861
COMPLIANCE	
CHINESE ATTITUDINAL REACTIONS TO FORCED COMPLIANCE A CROSS- CULTURAL EXPERIMENT IN THE THEORY OF COGNITIVE DISSONANCE MECHANISMS OF ATTITUDE CHANGE PRODUCED BY FORCED COMPLIANCE FINAL REPORT AUG 1968 AN ANNOTATED BIRAL LOGRAPHY ON PRISONER INTERROGATION COMPLIANCE AND RESISTANCE	AFOSR67-0960 AFOSR66-1616 AFOSR66-1406
COMPLEMENTARY	
THE STUDY OF COMPLEMENTARY POLYNOMIALS IN A NETWORK SENSE	AFCLR67-0378
COMPONENT	
A NEURAL COMPONENT IN DARK ADAPTATION BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATION BETWEEN RANDOM EFFECTS AND THE NUMBER OF BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECTS AND THE NUMBERS OF BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECT AND THE NUMBERS OF A FEASIBILITY STUDY OF A COMPONENT GRADIOMETER /U/ A FEASIBILITY STUDY OF A COMPONENT GRADIOMETER INTENTIONS ANALYSIS A METHODOLOGICAL COMPONENT OF FORECASTING INTERNATIONAL BEHAVIOR FINAL REPORT FEB 1968 A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW COSMIC-RAY NEUTRON MONITOR YIELD FUNCTIONS GROSS TRANSFORMATION AND NUCLEONIC COMPONENT MEAN FREE PATHS	AFOSR67-2541 ARL 67-1020 ARL 67-1021 ARL 67-1022 AFCLR67-0411 AFCLR67-0417 ORA 66-0006 ARL 66-0216 ARL 66-1335 AFOSR66-0716
COMPONENTS	
THE WORK COMPONENTS STUDY A SET OF MEASURES FOR WORK MOTIVATION BEHAVIOR OF THE SINGLE COMPONENTS OF THE VISUAL EVOKED POTENTIAL DURING SLEEP IN MAN/ITALIAN/ ESTIMABILITY OF VARIANCE COMPONENTS FOR THE TWO-WAY CLASSIFICATION WITH INTERACTION TIME DEPENDENCE OF SPECTRAL COMPONENTS OF THE ELECTROLUMINESCENCE OF ZNS SINGLE CRYSTALS PART C FINAL REPORT AUG 1967 ON CUMULATIVE DAMAGE AND RELIABILITY OF COMPONENTS ON CUMULATIVE DAMAGE AND RELIABILITY OF COMPONENTS FREQUENCY DEPENDENCE OF THE FIELD STRENGTH COMPONENTS OF A DIPOLE EMBEDDED IN A CONDUCTING MEDIUM	AFOSR66-0025 AFOSR67-1896 ARL 67-0243 AFOSR67-2766 ARL 66-0180 ARL 66-1202 AFCLR66-0174
COMPOSITE	
COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS FINAL REPORT JUNE 1968 COMPOSITE MODELS OF HADRONS AND HIGH ENERGY SCATTERING ELEMENTARY AND COMPOSITE PARTICLES IN THE V-THETA SECTOR OF THE LEE MODEL TOWERS AS SETS OF COMPOSITE PARTICLES AND TROUBLE WITH INFINITE-COMPONENT FIELD THEORIES WAVE PROPAGATION IN LAMELLAR COMPOSITE MATERIALS DEVELOPMENT OF DESIGN CRITERIA FOR COMPOSITE MATERIALS CONTROLLABILITY AND OBSERVABILITY OF COMPOSITE SYSTEMS MATRIX-LIMITED FATIGUE PROPERTIES IN FIBRE COMPOSITE MATERIALS RADIATIVE CORRECTIONS TO LEPTONIC DECAYS AND COMPOSITE MODELS FOR STRONG INTERACTIONS INTERIOR ELASTIC STRESS FIELD IN A CONTINUOUS CLOSE-PACKED FILAMENTARY COMPOSITE MATERIAL UNDER UNIAXIAL TENSION	AFOSR67-1765 AFOSR66-1114 ARL 66-1100 AFOSR66-0306 AFOSR67-2209 AFOSR66-2200 AFML 67-0095 AFOSR66-1172 AFOSR67-0650 AFOSR67-2792 AFOSR66-1906
COMPOSITE-HADRON	
REGULARITIES ARISING IN THE COMPOSITE-HADRON PICTURE IN TERMS OF A THEORY OF HIGH-ENERGY CURRENTS	AFOSR66-0261
COMPOSITES	
SPECULATIONS ON PARTICLES SUPERSELECTION RULES AND COMPOSITES EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC STRENGTH OF COMPOSITES	AFOSR67-2243 AFOSR67-1983
COMPOSITION	
COMPOSITION COPYING AND SEMI-MECHANIZED FILING AND SEARCHING DEVICES STELLAR COMPOSITION AND NUCLEAR PROCESSES FINAL REPORT DEC 1967 THE CHEMICAL COMPOSITION OF PLANETARY NEBULAE DETERMINATION OF SICKNESS AND COMPOSITION OF THIN FILMS BY THE METHOD OF X-RAY FLUORESCENCE RADAR SPECTROGRAPHIC ESTIMATES OF IONIC COMPOSITION FROM 225 TO 1400 KILOMETERS FOR SOLAR MINIMUM WINTER AND SUMMER TELEMETRY AND COMMAND ANTENNAS FOR THE ATMOSPHERIC COMPOSITION SATELLITE SPECTROSCOPIC ANALYSES OF A AND B STARS OF PECULIAR COMPOSITION VARIATIONS WITH SEASON AND LATITUDE OF DENSITY TEMPERATURE AND COMPOSITION IN THE LOWER THERMOSPHERE 9FSRARCH DIRECTED TOWARD DETERMINATION OF RADIATIVE PROPERTIES AND COMPOSITION OF THE ATMOSPHERE FINAL REPORT APR 1967	AFOSR67-2003 AFOSR66-0124 AFOSR66-2561 ARL 66-1450 AFOSR67-0804 AFCLR67-0072 AFOSR66-2706 AFCLR67-0161 AFCLR67-0386
COMPOSITIONS	
CHEMICAL COMPOSITIONS OF GASEOUS NEBULAE AND PECULIAR STARS FINAL REPORT APRIL 1967	AFOSR67-1065
COMPOUND	
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS	AFCLR67-0056 AFCLR67-0292

- SEPARATION OF DIRECT AND COMPOUND EFFECTS BY POLARIZATION MEASUREMENTS
LASING TRANSITIONS IN II-VI COMPOUND SEMICONDUCTORS
RELATIVISTIC BAND STRUCTURE OF COMPOUND SEMICONDUCTORS
LINEAR COMPRESSIBILITIES OF II-VI COMPOUND SINGLE CRYSTALS
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND SUBSTITUTES
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND RE
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND R SUB2 X
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND R SUB2 SUB2
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND R SUB2
THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE
THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE FINAL REPORT FEB 1968
LIGHT TRANSMISSION AND ITS REGULATION IN THE COMPOUND EYE
MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND UP TO 150 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC
THE THERMAL BROADENING OF EXCITON LEVELS IN II-VI COMPOUND SEMICONDUCTORS
ELECTROLYTIC GROWTH AND PREPARATIONS OF TRANSITION METAL COMPOUND SINGLE CRYSTALS
THE ELECTRICAL RESISTIVITY OF GOLD-VANADIUM INTERMETALLIC COMPOUND
AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF II-VI COMPOUND SINGLE CRYSTAL PLATELETS
WAVELENGTH DISCRIMINATION IN INSECTS A RECEPTOR CLASSES IN THE COMPOUND EYE OF THE BACKSWIMMER NOTONECTA B SPECTRAL
VIGILANT MIGRATION LIGHT SCREENING AND RECEPTOR SENSITIVITY IN THE COMPOUND EYE OF NOCTURNAL LEPIDOPTERA
CURRENT RESEARCH ON THE DEFECT STRUCTURE AND TRANSPORT PROPERTIES OF COMPOUND SEMICONDUCTORS AT AIRI
- AFOSR66-0903
ARL 66-1061
ARL 66-1423
ARL 66-0906
ARL 67-0118
ARL 67-0147
ARL 66-0106
ARL 66-0187
ARL 66-0188
AFOSR67-0850
AFOSR66-0169
AFOSR66-0090
AFOSR66-0422
ARL 66-1352
AFOSR67-0239
AFOSR67-2672
ARL 67-0269
AFOSR67-0714
AFOSR67-0908
ARL 66-1156
- COMPOUNDS
- II-VI COMPOUNDS
TUNGSTEN COMPOUNDS AS LIQUID ABSORBERS FOR MOSSBAUER EXPERIMENTS
RARE EARTH COMPOUNDS
ORGANOLITHIUM COMPOUNDS AND ACETYLPHENES IV SEQUENCE OF ADDITION-METALATION IN THE REACTION OF ORGANOLITHIUM COMPOUNDS
DATA-KINETIC COMPOUNDS OF THE LANTHANIDES
VOLATILE METAL COMPOUNDS
HALOMETHYL-METAL COMPOUNDS XVII THE MECHANISM OF DICHLOROCARBENE INSERTION INTO THE SI-H BOND BY THE MERCURIAL ROUTE
HALOMETHYL-METAL COMPOUNDS VII THE REACTION OF PHENYL /BROMODICHLOROMETHYL/ MERCURY WITH CARBOXYLIC ACIDS
HALOMETHYL-METAL COMPOUNDS VI PHENYL /DIBROMOMETHYL/ MERCURY COMPOUNDS THEIR PREPARATION AND SOME CLEAVAGE REACTIONS
HALOMETHYL-METAL COMPOUNDS IX THE REACTION OF PHENYL /BROMODICHLOROMETHYL/ MERCURY WITH ALCOHOLS
NEW PHOTOCHROMIC COMPOUNDS WITH SUBSTITUTED PHENYL STRUCTURES
COMPOUNDS XII THE ACTION OF SODIUM IODIDE ON PHENYL /TRIMALOMETHYL/ MERCURY COMPOUNDS A NEW METHOD OF
COMPOUNDS X THE REACTION OF ORGANOSILICON ORGANOSGERMANIUM AND ORGANOTIN HYDRIDES WITH
COMPOUNDS VIII THE REACTION OF PHENYL /TRIMALOMETHYL/ MERCURY COMPOUNDS WITH HYDROGEN CHLORIDE
COMPOUNDS XIV THE MECHANISM OF THE PHENYL /BROMODICHLOROMETHYL/ MERCURY-OLEFIN REACTION
COMPOUNDS XIII THE PREPARATION OF GEN-DIPLUOROXYCLOPROPANES BY IODIDE ION INDUCED CP2 TRANSFER FROM
COMPOUNDS XVIII INSERTION OF HALOCARBENES INTO THE MERCURY-HALOGEN BOND
HALOMETHYL-METAL COMPOUNDS XIX FURTHER STUDIES OF THE ARYL /BROMODICHLOROMETHYL/ MERCURY-OLEFIN REACTION
SYNTHESIS OF AZO COMPOUNDS BY REARRANGEMENT OF HYDRAZONES
A STUDY OF II-VI COMPOUNDS BY THE DIVERGENT BEAM X-RAY METHOD
EXCITONS IN II-VI COMPOUNDS
ABSORPTION OF POLAR COMPOUNDS ON AMORPHOUS BORON
HALOGENATED ORGANOTIN COMPOUNDS AS C₂ SUB2 TRANSFER AGENTS
METABOLISM OF C₂ SUB-1 COMPOUNDS BY MICROORGANISMS
PHOTOCHEMISTRY OF AZO COMPOUNDS
MICROFILM GROWTH ON CL COMPOUNDS UPTAKE OF /IASUBC/ FORMALDEHYDE AND /IASUBC/ FORMATE BY METHANE-GROWN PSEUDOMONAS
PHOSPHORUS COORDINATION COMPOUNDS OF TRANSITION METALS FINAL REPORT JAN 1967
OPTICALLY ACTIVE SILICON COMPOUNDS AND THEIR REACTIONS
ESP IN GADOLINIUM-GROUP V COMPOUNDS
THE NOMENCLATURE OF BORON COMPOUNDS
ELECTROLUMINESCENCE IN II-VI COMPOUNDS
STRUCTURE OF DIMETHYLGLOX/II-VI COMPOUNDS SPECTROSCOPIC STUDIES ON THE AQUO ION AND SEVERAL COORDINATION COMPOUNDS
RARE EARTH IMPURITIES IN II-VI COMPOUNDS
MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS III ORGANOSULFUR DERIVATIVES OF METAL CARBONYLS
MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS I METAL CARBONYL COMPLEXES OF TRIS /DIMETHYLAMINO/ PHOSPHINE
IONIC REACTIONS OF UNSATURATED COMPOUNDS. I. POLYMERIZATION OF ACETYLENE
IONIC REACTIONS IN UNSATURATED COMPOUNDS. II. PROPYLENE AND THE ISOMERIC BUTENES
IONIC REACTIONS IN UNSATURATED COMPOUNDS. III. ETHYLENE
IONIZING STUDIES OF ORGANOMETALLIC COMPOUNDS OF BORON AND E GROUP IV ELEMENTS. PART I. HEATS OF HYDROLYSIS AND BOND
DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS IN THE BODY FINAL REPORT MARCH 1967
DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE BODY
DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE BODY
STABLE AND UNSTABLE SILYL AND GERMYL COMPOUNDS FINAL REPORT MARCH 1967
THE REFLECTANCE OF THE INTERMETALLIC COMPOUNDS NICKEL ALUMINUM AND COBALT ALUMINUM
ELECTRONIC STRUCTURE OF II-VI AND III-V COMPOUNDS AS CALCULATED BY THE OPE METHOD
THEORY OF THE PHASE TRANSITION IN IV-VI COMPOUNDS
MAGNETIC PROPERTIES OF THE INTERMETALLIC COMPOUNDS DYSPROSIUM SUBX YTTRIUM SUB ONE MINUS X IRON SUB TWO PLUS
MAGNETIC PROPERTIES OF DIVALENT EUROPIUM COMPOUNDS FINAL REPORT MARCH 1966
ELECTRON BEAM STIMULATED EMISSION OF II-VI COMPOUNDS
OPTICAL PROPERTIES OF HIGH ENERGY GAP II-VI COMPOUNDS
SUPERCONDUCTIVITY OF LANTHANUM AND LANTHANUM COMPOUNDS AT ZERO AND HIGH PRESSURE
STRUCTURAL CHEMISTRY AND BONDING IN INORGANIC COMPOUNDS FINAL REPORT DEC 1968
SUPERCONDUCTIVITY OF ALPHA-URANIUM AND URANIUM COMPOUNDS AT HIGH PRESSURE
DEPROTATION-REDUCTION REACTIONS OF ORGANIC SULFUR COMPOUNDS FINAL REPORT JAN 1967
MOSSBAUER EFFECT OF V-193 IN DIFFERENT TUNGSTEN COMPOUNDS
ION-MOLECULE REACTIONS IN SELECTED CHLOROCARBON COMPOUNDS
COHERENT AND INCOHERENT LIGHT EMISSION IN II-VI COMPOUNDS
BAND STRUCTURE AND DISPERSION RELATIONS IN II-VI COMPOUNDS
VAPOR-PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS
VAPOR-PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS
THE CRYSTAL CHEMISTRY OF SELECTED ABSORB RARE EARTH COMPOUNDS WITH SELFNIIUM TELLURIUM AND ANTIMONY
QUANTITATIVE ASPECTS ON THERMAL STABILITY OF ORGANIC COMPOUNDS FINAL REPORT NOV 1966
PHOTOCHEMICAL TRANSFORMATIONS OF SMALL RING CARBONYL COMPOUNDS X PHOTODESULFURIZATION OF DIBENZOVYLSILBENE EPISULFIDE
RARE-EARTH TRISFLUOROACETYLACETONATES AND RELATED COMPOUNDS
PRIMARY PROCESSES IN THE PHOTOCHEMISTRY OF BICYCLIC AZO COMPOUNDS
SOME CHARACTERISTICS OF RADIUM TITANIUM BRONZE AND RELATED COMPOUNDS
MOSSBAUER EFFECT AND MAGNETIC PROPERTIES OF IRON-BERYLLIUM COMPOUNDS
HALOMETHYL-METAL COMPOUNDS VI PHENYL /DIBROMOMETHYL/ MERCURY COMPOUNDS THEIR PREPARATION AND SOME CLEAVAGE REACTIONS
RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS
RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS FINAL REPORT MAY 1968
NON-IDEAL TRANSPORT PHENOMENA AND CONTACT PROBLEMS IN II-VI COMPOUNDS
OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS
OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS
LOW TEMPERATURE THERMAL EXPANSION OF WURTZITE-PHASES OF II-B-VI COMPOUNDS - PART III/ THERMAL EXPANSION OF ZNS.
EFFECTS OF AXIAL STRESS ON THE EXCITON LEVELS IN WURTZITE II-VI COMPOUNDS
LOW TEMPERATURE THERMAL EXPANSION OF WURTZITE-PHASES OF II-B-VI COMPOUNDS - PART II THERMAL EXPANSION OF COSF.
LOW TEMPERATURE THERMAL EXPANSION OF WURTZITE-PHASES OF II-B-VI COMPOUNDS PART I THERMAL EXPANSION OF ZNS WURTZITE
LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTRIUM INTERMETALLIC COMPOUNDS
LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTRIUM INTERMETALLIC COMPOUNDS
ION RADICALS FROM ORGANIC SULFUR SELENIUM TELLURIUM AND PHOSPHORUS COMPOUNDS FINAL REPORT FEB 1968
A CHEMICAL KINETIC STUDY OF SUBSTITUTION REACTIONS IN COORDINATION COMPOUNDS FINAL REPORT JUNE 1968
MAGNETIC AND OPTICAL MEASUREMENTS ON IRON GROUP IMPURITIES IN II-B-VI COMPOUNDS AT CRYOGENIC TEMPERATURE
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVII C-CLITATION OF COMPOUNDS CONTAINING PHENYL AND CONJUGATED
- ARL 67-1108
AFOSR67-2581
AFOSR67-1004
AFOSR66-2086
ARL 66-1024
ARL 66-1009
AFOSR66-1894
AFOSR67-0049
AFOSR67-0111
AFOSR67-0201
AFOSR67-0246
AFOSR67-0796
AFOSR67-1133
AFOSR67-1295
AFOSR67-2491
AFOSR67-2680
AFOSR66-2524
AFOSR66-2805
ARL 67-1190
ARL 66-1459
ARL 66-1363
AFOSR67-0696
AFOSR67-0203
AFOSR66-0809
ARL 67-1112
AFOSR67-1034
AFOSR67-0417
ARL 67-1242
AFOSR66-1543
AFOSR66-2826
ARL 66-1057
AFOSR67-0481
AFOSR66-0542
AFOSR66-1710
AFOSR66-1712
ARL 66-0041
ARL 66-0138
ARL 66-0192
AFOSR66-1526
AFOSR67-0244
AFOSR66-0810
AFOSR66-0909
AFOSR67-0754
AFOSR67-1163
ARL 66-1349
ARL 66-1416
AFOSR66-1542
AFOSR66-2893
ARL 67-1312
ARL 66-1055
AFOSR67-1213
AFOSR66-2843
AFOSR67-1211
AFOSR67-0247
AFOSR67-0647
ARL 67-1105
ARL 67-0174
ARL 67-0265
ARL 67-1161
ARL 67-1192
AFOSR67-2485
AFOSR67-0523
AFOSR67-2656
ARL 66-0321
AFOSR66-1912
AFOSR67-1436
AFOSR66-2346
AFOSR67-0111
ARL 67-0070
ARL 66-0096
ARL 67-1309
ARL 66-0139
ARL 66-0184
ARL 66-0193
ARL 66-1375
ARL 66-0197
ARL 67-0123
ARL 66-1186
ARL 66-1381
AFOSR66-0392
AFOSR66-1670
ARL 67-1203
AFOSR66-0256

COMPOUNDS

- (CONTINUED)

THE KINETICS OF INVERSION OF <i>p</i> -METHYLBUTYL MAGNESIUM BROMIDE AND RELATED COMPOUNDS	AFOSR67-0087
CONVERGENCE STUDY OF ORB CALCULATIONS FOR URUTITP AND ZINCBLONDE II-VI COMPOUNDS	ARL 66-0303
THE STUDY OF POINT DEFECTS IN CSCI ORDERED ALLOYS AND OTHER INTERMETALLIC COMPOUNDS FINAL REPORT NOV 1966	AFOSR66-2646
EXPERIMENTAL DETERMINATION OF THE ELECTRON DENSITIES IN SOME OF THE II-VI COMPOUNDS WITH THE THEORETICALLY CALCULATED	ARL 66-1354
LONG-RANGE JIP SUPER IN SPIN-SPIN COUPLINGS IN BENZYL AND POLYL PHOSPHORUS COMPOUNDS	AFOSR67-2373
LATTICE PARAMETERS AND GROWTH CHARACTERISTICS OF SOME II-VI SEMICONDUCTING COMPOUNDS	ARL 66-0252
RESEARCH IN SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARYLATED OHSNOSILICON COMPOUNDS FINAL REPORT JULY 1967	ARL 67-0189
HALOMETHYL-METAL COMPOUNDS VIII THE REACTION OF PHENYL/TRIMALOMETHYL MERCURY COMPOUNDS WITH HYDROGEN CHLORIDE	AFOSR67-1295
STUDY OF EXCHANGE APPROXIMATION IN ORB BAND CALCULATIONS FOR ZINC-BLENDE II-VI COMPOUNDS	ARL 66-1486
HIGH SUPERCONDUCTING TRANSITION TEMPERATURES IN THE HOLYBODENUM CARBIDE FAMILY OF COMPOUNDS	AFOSR67-2374
HIGH-MAGNETIC-FIELD STUDIES OF ORTHORHOMBIC AND RHOMBOHEDRAL /ALUMINUM IRON OXIDE/ COMPOUNDS	AFOSR67-1686
PARAMAGNETIC RESONANCE OF IRON-COPPER IRON-SILVER AND IRON-LITHIUM ASSOCIATES IN TWO-FOUR COMPOUNDS	AFOSR 1976
HALOMETHYL-METAL COMPOUNDS XII THE ACTION OF SODIUM IODIDE ON PHENYL/TRIMALOMETHYL MERCURY COMPOUNDS A NEW METHOD OF	AFOSR67-0796
PRELIMINARY REPORT ON THE THERMODYNAMIC PROPERTIES OF SELECTED LIGHT-ELEMENT AND SOME RELATED COMPOUNDS	AFOSR67-0991
RECENT RESEARCH AT HIS INSTITUTE DEALING WITH ELECTRICAL MEASUREMENTS AND CONTACT PROPERTIES OF II-VI COMPOUNDS	ARL 67-1295
MOST CRYSTAL EFFECTS ON THE ELECTRON PARAMAGNETIC RESONANCE OF ERBIUM AND TRIVALENT YTTERBIUM IN II-VI COMPOUNDS	AFOSR67-0797
STRUCTURE OF DIMETHYLBOLD/III/ COMPOUNDS SPECTROSCOPIC STUDIES ON THE AQUO ION AND SEVERAL COORDINATION COMPOUNDS	AFOSR67-0461
ORGANOLITHIUM COMPOUNDS AND ACETYLENES IV SEQUENCE OF ADDITION-METALATION IN THE REACTION OF ORGANOLITHIUM COMPOUNDS	AFOSR66-2066
COMPREHENSIVE	
COMPREHENSIVE FORMALISM FOR NUCLEAR REACTION PROBLEMS I DERIVATION OF EXISTING REACTION THEORIES	AFOSR67-0449
COMPREHENSIVE FORMALISM FOR NUCLEAR-REACTION PROBLEMS II APPLICATIONS - GIANT RESONANCES AND CLORWAY STATES	AFOSR66-0695
COMPRESSED	
LOW BUCKLING LOADS OF AXIALLY COMPRESSED CONICAL SHELLS	AFOSR66-1944
LARGE DEFLECTIONS OF AN AXIALLY COMPRESSED OVAL CYLINDRICAL SHELL	AFOSR67-2007
THE ABSORPTION AND EMISSION OF IMPURITY LINES FROM HOT COMPRESSED ARGON WITH A TRACE OF GRAPHITE POWDER	AFOSR66-2105
THE INFLUENCE OF STIFFNESS GEOMETRY AND SPACING ON THE BUCKLING OF AXIALLY COMPRESSED CYLINDRICAL AND CONICAL SHELLS	AFOSR66-0670
AN EXPERIMENTAL STUDY OF THE EFFECT OF LENGTH ON THE BUCKLE PATTERN OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS	AFOSR67-1941
COMPRESSIBILITY	
LINEAR COMPRESSIBILITIES OF II-VI COMPOUND SINGLE CRYSTALS	ARL 66-0296
COMPRESSIBILITY	
INVESTIGATION OF THE COMPRESSIBILITY OF LIP BY HIGH-PRESSURE HIGH-TEMPERATURE X-RAY DIFFRACTION METHODS FINAL REPORT	AFOSR66-0441
COMPRESSIBLE	
COMPRESSIBLE LAMINAR MAGNETOHYDRODYNAMIC BOUNDARY LAYER FLOW INSIDE A FLAT DUCT WITH HEAT TRANSFER	AFOSR66-0398
COMPRESSIBLE MAGNETOGASTRODYNAMIC FREE JET	AFOSR66-1196
COMPRESSIBLE LAMINAR SKIN-FRICTION LAW	AFOSR66-1748
COMPRESSIBLE TURBULENT PLANE COUETTE FLOW	ARL 67-0223
COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS	ARL 66-1261
ON COMPRESSIBLE TURBULENT-PLANE COUETTE FLOW	ARL 66-0093
SIMILARITY SOLUTIONS FOR THE COMPRESSIBLE LAMINAR BOUNDARY LAYER WITH HEAT AND MASS TRANSFER	ARL 67-0226
MATHEMATICAL THEORY OF STEADY COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS FINAL REPORT	ARL 67-0140
PLANE WAVE PROPAGATION THROUGH A COMPRESSIBLE INHOMOGENEOUS PLASMA	AFOSR67-0209
SIMILARITY SOLUTIONS FOR THE RETARDED COMPRESSIBLE BOUNDARY LAYER WITH HEAT AND MASS TRANSFER FINAL REPORT MARCH 1967	ARL 67-0054
FINITE DIFFERENCE SOLUTION OF THE LAMINAR COMPRESSIBLE BOUNDARY LAYER EQUATIONS IN THE VON MISES VARIABLES WITH	ARL 67-0050
NUMERICAL SOLUTION OF DIPOLE RADIATION IN A COMPRESSIBLE PLASMA	AFOSR66-2122
THE INSULATED CYLINDRICAL ANTENNA IMMERSED IN A COMPRESSIBLE PLASMA	AFOSR66-0577
TRANSITION TO TURBULENCE FOR SURGERGED INCOMPRESSIBLE AND FREE COMPRESSIBLE FLUID JETS	AFOSR67-1894
APPLICATION OF THE KERNEL FUNCTION FOR THE COMPUTATION OF FLOWS OF COMPRESSIBLE FLUIDS	AFOSR66-2590
CORRECTION TO STOKES LAW FOR A CHARGED SPHERE MOVING IN A POLARIZABLE COMPRESSIBLE LIQUID	AFOSR66-0218
STABILITY OF A MAGNETOHYDRODYNAMIC HALF-JET III. INVISED STABILITY OF A COMPRESSIBLE MAGNETOHYDRODYNAMIC HAL	AFOSR66-1975
OPERATION INSTRUCTIONS AND DESCRIPTION OF COMPUTER PROGRAM FOR FINITE DIFFERENCE SOLUTIONS OF THE LAMINAR COMPRESSIBLE	ARL 67-0095
COMPRESSION	
COMPRESSION OF A RAREFIED PLASMA BY CONVERGING MAGNETIC MIRRORS	AFOSR66-0848
AN ISENTROPIC COMPRESSION TUBE	ARL 67-1223
THE ISENTROPIC COMPRESSION TUBE A NEW APPROACH TO GENERATING HYPERVELOCITY TEST FLOWS WITH LOW DISSOCIATION	ARL 67-0133
CREEP BUCKLING OF CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION	AFOSR66-0476
JUMPS ACROSS TRANSVERSE IONIZING AND SHOCK WAVES IN REAL HYDROGEN USING 6 COMPRESSION AS A PARAMETER AN EPLICIT	ARL 66-0006
ON THE STABILITY OF ECCENTRICALLY STIFFENED CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION	AFOSR67-2442
COMPRESSIONAL	
A TWO-DIMENSIONAL ULTRASONIC MODEL STUDY OF COMPRESSIONAL AND SHEAR-WAVE DIFFRACTION PATTERNS PRODUCED BY A CIRCULAR	AFOSR66-1442
COMPRESSIONS	
MELTING POINTS AT HIGH COMPRESSIONS FROM ZERO-COMPRESSION PROPERTIES THROUGH THE KENNEDY RELATION	AFOSR67-1239
COMPRESSOR	
BLUNT-TRAILING-EDGE SUPERSONIC COMPRESSOR	ARL 66-1306
THERMODYNAMIC CONDITIONS OF THE TEST GAS IN A BALLISTIC COMPRESSOR	AFOSR66-0108
APPLICATION OF BLUNT TRAILING EDGE BLADINGS TO SUPERSONIC COMPRESSOR STAGES FINAL REPORT MAY 1967	ARL 67-0120
EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE SUPERSONIC COMPRESSOR ROTORS OF DIFFERENT BLADE THICKNESSES AND	ARL 66-1228
ROTOR PERFORMANCE OF THE R32-11 BLUNT TRAILING EDGE BLADE SUPERSONIC COMPRESSOR	ARL 66-0020
COMPRESSORS	
HIGH SPEED CASCADE TESTING AND ITS APPLICATION TO AXIAL FLOW SUPERSONIC COMPRESSORS	ARL 66-1015
APPLICATION OF THE BLUNT TRAILING EDGE BLADE CONCEPT TO LOW HUB TIP RATIO TRANSONIC SUPERSONIC COMPRESSORS FINAL	ARL 66-0110
COMPTON	
INVERSE COMPTON RADIATION IN QUASI-STELLAR OBJECTS	AFOSR67-1668
FORWARD COMPTON SCATTERING AT HIGH ENERGY AND THE DRELL-HEARN-GERASIMOV SUM RULE	AFOSR66-0140
BACKWARD COMPTON SCATTERING SUM RULE AND THE PI-ZERO YIELDS TWO GAMMA DECAY RATES	AFOSR66-2270
SUPERCONVERGENT AMPLITUDES IN NUCLEON COMPTON SCATTERING	AFOSR66-0278
HIGHER-ORDER LOW-ENERGY THRESHOLDS FOR NUCLEON COMPTON SCATTERING	AFOSR66-1502
KINEMATIC SINGULARITIES OF HELICITY AMPLITUDES FOR COMPTON SCATTERING	AFOSR66-1503
LOW-ENERGY THRESHOLD DISPERSION RELATIONS AND SUPERCONVERGENCE SUM RULES FOR COMPTON SCATTERING	AFOSR66-1261
RELATIVISTIC SPINOR FORMULATION OF STOKES PARAMETERS WITH APPLICATION TO THE INVERSE COMPTON EFFECT	AFOSR67-1045
COMPUTABLE	
COMPUTABLE SEMANTIC DERIVATIONS /AND THEIR APPLICATION TO NATURAL LANGUAGE TEXTS/	AFOSR66-0796

COMPUTATION

COMPUTATION IN LINGUISTICS A CASE BOOK INDIANA UNIVERSITY PRESS BLOOMINGTON 1966 FINAL REPORT 1966
 COMPUTATION IN NEURAL NETS
 COMPUTATION OF AXIAL-SYMMETRIC TRANSONIC SWIRL FLOWS BY THE UNSTEADY FLOW APPROACH
 A COMPUTATION OF THE PRINTS/GAMMA AND CHI FOR THE VALENCE AND CONDUCTION BANDS OF SODIUM CHLORIDE
 EXACT COMPUTATION OF THE VAN DER WAALS CONSTANT FOR TWO HYDROGEN ATOMS
 ON THE COMPUTATION OF THE NUMBER OF ELEMENTS IN COMBINATIONS OF SETS
 ITERATIVE COMPUTATION PROCEDURES FOR AN OPTIMUM CONTROL PROBLEM
 DYNAMICAL COMPUTATION OF PHOTON CORRELATIONS AND COUNTING STATISTICS
 A METHOD FOR THE COMPUTATION OF THE GREATEST ROOT OF A NONNEGATIVE MATRIX
 SOLUTION OF INTEGRAL EQUATIONS BY HYBRID COMPUTATION
 APPLICATION OF THE KERNEL FUNCTION FOR THE COMPUTATION OF FLOWS OF COMPRESSIBLE FLUIDS
 RESEARCH ON OBJECTIVE WEATHER FORECASTING ON THE COMPUTATION OF INITIAL WIND FIELDS FOR THE INTEGRATION OF THE

AFOSR67-0525
 AFOSR67-0562
 ARL 66-0070
 AFOSR66-0701
 AFOSR66-2759
 AFOSR67-1880
 AFOSR67-0830
 AFOSR67-2883
 AFOSR67-0884
 AFOSR67-1688
 AFOSR66-2596
 AFOSR67-0993

COMPUTATIONAL

COMPUTATIONAL ALGORITHMS IN OPTIMAL CONTROL
 ON COMPUTATIONAL SPEED - UP
 SOME COMPUTATIONAL ASPECTS OF THE TENSOR PRODUCT OF LINEAR PROGRAMS
 ON THE NONLINEAR COMPUTATIONAL INSTABILITY OF THE EQUATIONS OF ONE-DIMENSIONAL FLOW FINAL REPORT FEB 1968
 THE STATISTICAL AND COMPUTATIONAL ANALYSIS OF A SIMPLE LEARNING PROGRAM FINAL REPORT MARCH 1968
 INVARIANT IMBEDDING AND THE COMPUTATIONAL SOLUTION OF OPTIMIZATION AND ESTIMATION PROBLEMS
 ON THE USE OF EXPERIMENTAL AND COMPUTATIONAL TECHNIQUES IN ANALYZING THE PERFORMANCE OF SCANNED ARRAYS

AFOSR67-1678
 AFOSR66-1296
 ARL 67-1272
 AFOSR66-0236
 AFOSR66-0506
 AFOSR66-2046
 AFOSR66-0997

COMPUTATIONS

MODEL COMPUTATIONS FOR DIFFERENT SOLUTIONS OF THE GEODETIC BOUNDARY-VALUE PROBLEM
 RECURSIVE COMPUTATIONS FOR THE OPTIMAL TRACKING OF TIME-VARYING PARAMETERS
 THE EQUIVALENCE OF CERTAIN COMPUTATIONS
 ON IMPLICATION ERRORS FOR CONTINUOUS FRACTION COMPUTATIONS
 ANALYSIS OF BRAIN WAVE RECORDS FROM GEMINI FLIGHT GT-7 BY COMPUTATIONS TO BE USED IN A THIRTY DAY PRIMATE FLIGHT
 ENSEMBLE DEPENDENCE OF FLUCTUATIONS WITH APPLICATIONS TO MACHINE COMPUTATIONS

AFOSR66-0164
 AFOSR66-2541
 AFOSR67-0883
 AFOSR67-0367
 AFOSR67-1681
 AFOSR67-1776

COMPUTE

TECHNIQUES AND COMPUTER PROGRAMS TO COMPUTE GRAVITY FROM IN-FLIGHT MAGNETIC TAPE RECORDINGS FINAL REPORT JUNE 1967

AFOSR67-0522

COMPUTER

COMPUTER COMPILER ORGANIZATION STUDIES FINAL REPORT MAY 1967
 COMPUTER DESIGN OF UNEQUALLY SPACED ARRAYS
 COMPILED PROGRAMS INTERNAL REPRESENTATION FINAL REPORT MAY 1968
 COMPUTER SCIENCE RESEARCH REVIEW
 COMPUTER TECHNIQUES FOR MAKING BERNS LAW CALCULATIONS OF CONCENTRATIONS FROM SPECTRAL DATA
 COMPUTER EXPERIMENTS IN MOTOR LEARNING
 COMPUTER PROCEDURES AND PROGRAMS FOR THE AUTOMATION OF COGNITIVE PROCESSES FINAL REPORT DEC 1966
 COMPUTER MODELS OF THE FIELD-EFFECT TRANSISTOR
 COMPUTER EXPERIMENTS ON LOW DENSITY CROSSED-FIELD ELECTRON BEAMS
 COMPUTER ASSISTED ELECTROENCEPHALOGRAPHIC ANALYSIS OF CHICK PYRIDOXINE DEFICIENCY STATES
 COMPUTER SCIENCE RESEARCH REVIEW
 COMPUTER APPROXIMATIONS
 COMPUTER EXPERIMENTS ON CLASSICAL FLUIDS. II EQUILIBRIUM CORRELATION FUNCTIONS
 COMPUTER STORAGE OF COMPUTER-WAP DATA
 COMPUTER PROGRAM FOR THE ANALYSIS OF GAMMA-RAY ANGULAR CORRELATION MEASUREMENTS FINAL REPORT AUG 1967
 COMPUTER PROGRAM FOR THE CALCULATION OF ELECTRIC FIELDS IN AN ELECTROFLUIDDYNAMIC GENERATOR FINAL REPORT AUGUST 1968
 COMPUTER STUDY OF ELECTROFLUIDDYNAMIC COLLOID GENERATOR
 A COMPUTER PROGRAM FOR DISCOVERING AND PROVING SEQUENTIAL RECOGNITION RULES FOR WELL-FORMED FORMULAS DEFINED BY A
 A COMPUTER STUDY OF AN ANALYTICAL MODEL OF BOUNDARY LAYER TRANSITION
 A COMPUTER CODE FOR RECOMBINATION AND DIFFUSION CONTROLLED AFTERGLOWS
 A COMPUTER STUDY OF THE ESTIMATED PROPAGATION OF ERRORS IN THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL
 A COMPUTER PROGRAM FOR CALCULATING SECTIONS OF THE RECIPROCAL LATTICE OF ANY CRYSTAL SYSTEM
 LINK COMPUTER USER-INTERACTIVE PROGRAMS AND MACRO INSTRUCTIONS
 ON THE COMPUTER ENUMERATION OF FINITE TOPOLOGIES
 MODERN COMPUTER SYSTEMS AND THEIR APPLICATIONS TO A RESEARCH LABORATORY
 USING A COMPUTER TO DESIGN COMPUTER INSTRUCTION SETS
 SURVEY OF COMPUTER LANGUAGES FOR SYMBOLIC AND ALGEBRAIC MANIPULATIONS PROCEEDINGS OF IFIPS CONFERENCE ON SYMBOL
 A DIGITAL COMPUTER FOR THE ELECTRONIC MUSIC STUDIO
 A GENERAL COMPUTER PROGRAM FOR EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING
 STUDY OF A COMPUTER FOR DIRECT EXECUTION OF LIST PROCESSING LANGUAGE FINAL REPORT JAN 1968
 A NONLINEAR COMPUTER MODEL APPLICABLE TO LOW-RETA PLASMA INTERCHANGE MODES IN TWO DIMENSIONS
 TECHNIQUES AND COMPUTER PROGRAMS TO COMPUTE GRAVITY FROM IN-FLIGHT MAGNETIC TAPE RECORDINGS FINAL REPORT JUNE 1967
 THE ELECTRONIC COMPUTER PROGRAM FOR LOCALIZATION OF NEAR SEISMIC IN THE IBERIAN PENINSULA REGION
 A USER'S MANUAL FOR A COMPUTER PROGRAM TO REDUCE SPECTROGRAPHIC DATA FROM A ROTATIONALLY SYMMETRIC PLASMA, FINAL REPORT
 MATHEMATICAL ASPECTS OF COMPUTER SCIENCE PROCEEDINGS OF SYMPOSIA IN APPLIED MATHEMATICS MATHEMATICAL ASPECTS OF
 TOWARD ECONOMICAL REMOTE COMPUTER ACCESS
 AN INTRODUCTION TO COLI A COMPUTER DESCRIPTION LANGUAGE
 AN INTRODUCTORY COURSE IN COMPUTER PROGRAMMING
 AN OBJECTIVE FUNCTION FOR COMPUTER SYSTEMS SCHEDULING OCT 1968
 USING A COMPUTER TO DESIGN COMPUTER INSTRUCTION SETS
 FORMAL DEFINITION OF COLI A COMPUTER DESCRIPTION LANGUAGE
 DISCRETE SYSTEMS AND DIGITAL COMPUTER CONTROL
 A MASK FOR THE DEFINITION OF COMPUTER LANGUAGES
 NATURAL LANGUAGE LEARNING BY COMPUTER
 A LISP 1.5 SYSTEM FOR THE M44 COMPUTER FINAL REPORT JAN 1967
 THE EVOLUTION OF CRYSTAL SHAPE A COMPUTER MODEL
 FILTER DESIGN FOR THE AVERAGE RESPONSE COMPUTER
 THEORY OF QUEUES APPLIED TO TIME-SHARED COMPUTER SYSTEMS
 A METHOD FOR EVALUATING TIME-SHARED COMPUTER SYSTEM USAGE
 FULLY AUTOMATED NETWORK DESIGN BY DIGITAL COMPUTER PRELIMINARY CONSIDERATIONS
 OPERATION INSTRUCTIONS AND DESCRIPTION OF COMPUTER PROGRAM FOR FINITE DIFFERENCE SOLUTIONS OF THE LAMINAR COMPRESSIBLE
 SOME STUDIES IN GAME PLAYING WITH A DIGITAL COMPUTER
 HUMAN FACTORS AND THE DESIGN OF TIME SHARING COMPUTER SYSTEMS
 STUDY OF ON-LINE DATA ANALYSIS WITH A HYBRID COMPUTER FINAL REPORT JULY 1968
 A PARALLEL ACCUMULATOR FOR A GENERAL-PURPOSE COMPUTER
 ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY II COMPUTER EXPERIMENTS ON THE REFLECTION OF SLOW ELECTRONS IN THE
 CONFINED AND NONCONFINED INTERCHANGE INSTABILITIES OBTAINED FROM NONLINEAR COMPUTER MODELS
 INVESTIGATION AND CONTINUED DEVELOPMENT OF THE IDEAL FOURIER TRANSFORM ANALOG COMPUTER FINAL REPORT JUN 1967
 FROM RESEARCH TO APPLICATION A FOLLOW-UP EFFECTIVENESS STUDY OF GRANT AF-APDSR 177-63 COMPUTER ANALYSIS AND SYNTHESIS
 DETERMINATIONS OF STATE-VARIABLE EQUATIONS FOR ADMITTANCE DESCRIPTIONS SUITABLE FOR THE COMPUTER
 INTERPRETATION OF THE SLOW REACTION AND SECOND LIMIT OF HYDROGEN PLUS OXYGEN MIXTURES BY COMPUTER METHODS

AFOSR67-0483
 AFOSR67-0588
 AFOSR66-0219
 AFOSR67-0582
 AFOSR67-0838
 AFOSR67-0708
 AFOSR67-0703
 AFOSR67-1336
 AFOSR67-1794
 AFOSR67-1890
 AFOSR66-0449
 AFOSR66-1160
 AFOSR66-1314
 AFOSR66-2577
 ARL 67-0168
 ARL 66-0186
 ARL 66-1402
 AFOSR67-0259
 AFOSR66-0617
 AFOSR66-1889
 ARL 67-1006
 ARL 66-0201
 AFOSR67-1465
 AFOSR66-1394
 ARL 66-1078
 AFOSR66-1612
 AFOSR67-0811
 AFOSR66-0776
 ARL 66-0064
 AFOSR66-0663
 AFOSR66-0079
 AFOSR67-0522
 AFOSR67-2154
 ARL 66-0003
 AFOSR66-1019
 AFOSR67-2018
 AFOSR67-0565
 AFOSR67-2808
 AFOSR66-2683
 AFOSR66-1612
 AFOSR67-0568
 AFOSR67-1883
 AFOSR66-1004
 AFOSR66-1594
 AFOSR67-0047
 AFOSR66-1529
 AFOSR67-1623
 AFOSR67-0735
 AFOSR66-0795
 AFOSR66-2078
 ARL 67-0098
 AFOSR67-0258
 AFOSR66-0054
 AFOSR66-0323
 AFOSR66-1820
 AFOSR67-0376
 AFOSR67-0332
 AFOSR67-0305
 AFOSR67-1819
 AFOSR66-2893
 AFOSR66-1272

COMPUTER-AIDED

COMPUTER-AIDED NETWORK DESIGN
 A COMPUTER-AIDED INSTRUCTIONAL SYSTEM FOR TRANSMISSION LINE SIMULATION

AFOSR66-1389
 AFOSR66-1666

COMPUTER-LINKED
A COMPUTER-LINKED RUNWAY FOR REAL TIME OPERATION APOSR67-1751

COMPUTERIZED
COMPUTERIZED GRAPHICAL DISPLAY OF DATA FOR VISUAL EXAMINATION AND ANALYSIS IN PHYSICS RESEARCH. ARL 66-0267

COMPUTERS
COMPUTERS IN PSYCHOPHYSIOLOGY APOSR67-0228
ADAPTIVE COMPUTERS APOSR66-1287
TIME SHARED COMPUTERS APOSR67-1010
USE OF SMALL COMPUTERS IN GAMMA-RAY SPECTROSCOPY ARL 67-11A
NATURAL COMMUNICATION WITH COMPUTERS FINAL REPORT AUG 1967 AFCL67-04
GENERAL SURVEY OF DESIGN AUTOMATION OF DIGITAL COMPUTERS APOSR67-07

COMPUTING
ON A NEW COMPUTING TECHNIQUE IN OPTIMAL CONTROL THEORY AND THE MAXIMUM PRINCIPLE APOSR66-1
AN ADAPTIVE COMPUTING SYSTEM FOR THE SYNTHESIS OF THRESHOLD LOGIC NETWORKS APOSR66-0
NUMERICAL METHODS OF COMPUTING THREE-DIMENSIONAL TRAJECTORIES FOR ADIABATIC AND DIABATIC FLOWS AFCL66-0
A SHORT-CUT METHOD OF COMPUTING THE RUMSE AND BOLTZMANN CIRCUIT REALIZATIONS OF POSITIVE REAL RI-ORDER IMMITTANCE AFCL67-0
AN ITERATIVE PROCEDURE FOR COMPUTING THE MINIMUM OF A QUADRATIC FORM ON A CONVEX SET APOSR67-0

COMPUTOR
AN INVESTIGATION OF F2 REGION IONOSPHERIC BEHAVIOR BY COMPUTOR NETWORKS AFCL66-0

CONATIVE
COMPUTER PROCEDURES AND PROGRAMS FOR THE AUTOMATION OF CONATIVE PROCESSES FINAL REPORT DEC 1966 APOSR67-01

CONCENTRATED
CONCENTRATED FORCE IN EIGHTH-SPACE WITH MIXED BOUNDARY CONDITIONS APOSR67-11
THE ION ACTIVITY FUNCTION - AN APPROACH TO THE STUDY OF ELECTROLYTE BEHAVIOUR IN CONCENTRATED SOLUTIONS APOSR67-1

CONCENTRATION
CONCENTRATION FLUCTUATIONS IN THE VICINITY OF THE CRITICAL POINT FINAL REPORT SEPT 1967 APOSR67-11
ELECTRON CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE ARL 67-02
ANOMALOUS CONCENTRATION DEPENDENCE OF RESISTIVITY IN DILUTE MAGNETIC ALLOYS APOSR66-1
DIFFUSION CONCENTRATION DISTRIBUTION NEAR AN IDEALIZED CONTACT SPOT, FINAL REPORT NOV 1967 ARL 67-01
DIFFUSION CONCENTRATION DISTRIBUTION NEAR AN IDEALIZED CONTACT SPOT ARL 66-01
TURBULENT CONCENTRATION FIELD UNDER CHEMICAL REACTIONS ARL 66-10
CREEP STRESS CONCENTRATION AT A CIRCULAR HOLE IN AN INFINITE PLATE APOSR67-13
DYNAMIC STRAIN CONCENTRATION FACTOR FOR A NOTCH APOSR66-06
FATIGUE STRENGTH - STRESS CONCENTRATION EQUATION FOR ALUMINUM ALLOY 24S-T3 APOSR67-20
A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW ARL 66-02
A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW ARL 66-12
ON A PHOTOMETRIC METHOD FOR CONCENTRATION DETERMINATIONS APOSR67-11
MEASUREMENT OF RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS BY THE ELECTRIC FIELD EFFECT ON CRITICAL OPALSCENCE APOSR67-21
INTENSITY OF ATOMIC FLUORESCENCE AS A FUNCTION OF ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE PLANE SPECTROMETRY APOSR67-19
DERIVATION OF EXPRESSIONS FOR CALCULATION OF LIMITING DETECTABLE ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE PLANE APOSR67-13
ELECTRIC FIELD EFFECT ON THE CRITICAL OPALSCENCE II RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS APOSR67-21

CONCENTRATIONS
RADICAL CONCENTRATIONS AND DECAYS IN LEAN HYDROGEN--NITROGEN--OXYGEN FLAMES APOSR67-14
ELECTRON CONCENTRATIONS AND ELECTRON AND ION TEMPERATURES IN THE P REGION FOR MAGNETICALLY QUIET AND DISTURBED APOSR66-11
COMPUTER TECHNIQUES FOR MAKING BEERS LAW CALCULATIONS OF CONCENTRATIONS FROM SPECTRAL DATA APOSR67-06
A STATISTICAL METHOD FOR EVALUATION OF LIMITING DETECTABLE SAMPLE CONCENTRATIONS APOSR66-03

CONCEPT
CONCEPT UTILIZATION APOSR67-18
THE CONCEPT OF A FILTER APOSR67-10
THE CONCEPT OF A MEAN TEMPERATURE IN THE FLAME REACTION ZONE APOSR66-01
A NEW CONCEPT IN HEATER DESIGN ARL 66-02
A MODEL OF CONCEPT LEARNING APOSR66-20
NOTE ON THE CONCEPT OF BLUNT TRAILING EDGE BLADES ARL 67-00
FACILITATION OF CONCEPT LEARNING BY A SIMULTANEOUS CONTRAST PROCEDURE APOSR66-06
SCENE ANALYSIS USING THE CONCEPT OF MODEL AFCL67-01
ESTIMATION OF THE NUMBER OF HYPOTHESES IN A CONCEPT LEARNING TASK APOSR66-001
APPLICATION OF THE BLUNT TRAILING EDGE BLADE CONCEPT TO LOW HUB TIP RATIO TRANSONIC SUPERSONIC COMPRESSORS FINAL ARL 66-011

CONCEPTS
CONCEPTS OF SPACE CHEMISTRY ARL 67-104
THE TWO CONCEPTS OF INFORMATION APOSR67-107
FORMATION OF CONCEPTS APOSR67-272
NEW SOLID-STATE DEVICE CONCEPTS AFCL67-004
NEW SOLID-STATE DEVICE CONCEPTS AFCL67-062
NEW SOLID-STATE DEVICE CONCEPTS FINAL REPORT JAN 1968 AFCL66-001
HUMAN INFORMATION-PROCESSING CONCEPTS FOR SYSTEM ENGINEERS APOSR67-170
APPLICATIONS OF THE SOLID AND LIQUID STATE CONCEPTS FOR MACROMOLECULAR SYSTEMS FINAL REPORT JUNE 1967 AFCL67-061
THRUST AUGMENTATION FOR V-STOL AIRS RESEARCH AND CONCEPTS FINAL REPORT MARCH 1967 ARL 67-006
DESIGN OF ADAPTIVE CONTROL SYSTEMS THROUGH UTILIZATION OF SENSITIVITY CONCEPTS APOSR66-006

CONCERNING
CONCERNING THE UNIQUENESS OF A MOLECULAR FIELD SOLUTION FOR TWO MAGNETIC SUBLATTICES APOSR66-059
CONCERNING A BILD THREE-CELL DESCRIBED BY BING AFCL66-264
CONCERNING CELLULAR DECOMPOSITIONS OF THREE-MANIFOLDS THAT YIELD THREE-MANIFOLDS APOSR66-265
STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS /SPANISH/ APOSR67-129
REMARKS CONCERNING INELASTIC ELECTRON SCATTERING FROM 3 HE APOSR67-129
/STUDIES CONCERNING HYDROLYSIS OF METALLIC IONS 5% VANADIUM /ITAL/ IN 3 MOLAR KCL MEDIUM/ APOSR66-057
A RESULT CONCERNING ELLIPTIC EQUATIONS OF THE SECOND ORDER AND OF NON VARIATIONAL TYPE /ITALIAN/ APOSR66-076
CONJECTURE CONCERNING AN ASYMPTOTIC MODIFICATION OF THE VON-NEUMANN-GREEN EQUATION FOR FLUIDS OF RIGID SPHERES AND DISKS APOSR67-146
SPECULATIONS CONCERNING LARGE-ANGLE NEUTRON-NUCLEON SCATTERING AT HIGH ENERGIES APOSR67-006
SOME RESULTS CONCERNING THE ZERO-CROSSINGS OF GAUSSIAN NOISE AFCL67-011
ON A QUESTION CONCERNING CERTAIN FREE SUBMONOIDS ARL 67-108
AN EXPERIMENT CONCERNING THE EVAPORATION AND CONDENSATION OF PLATINUM AT HIGH TEMPERATURES ARL 67-134
RECENT RESEARCH CONCERNING SOLID STATE PHENOMENA IN INSULATING CRYSTALS PERFORMED AT HIS INSTITUTE APOSR67-057
SOME OBSERVATIONS CONCERNING THE SUPERMULTIPLY OF NEGATIVE -PARITY EXCITED STATES IN THE ALPHA PARTICLE APOSR67-130
/SPANISH/ STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS XIII POLYMERIZATION OF TELLURATES IN ONE MOLAR NaCl SOLUTION APOSR67-270
THEORETICAL DISCUSSIONS CONCERNING DEGENERACY

CONCERNING - CONTINUED

RESULTS OF AN EXPERIMENT CONCERNING THE FADING-PATTERN PRINCIPAL SUBMATRICES V SOME RESULTS CONCERNING PRINCIPAL SUBMATRICES OF ARBITRARY MATRICES THEORY AND TABLES FOR TESTS OF HYPOTHESES CONCERNING THE MEAN AND THE VARIANCE OF A WEIBULL POPULATION FINAL REPORT	AFCL67-0270 AFOSR68-2246 ARL 67-0059
CONCLUSIONS	
GENERAL CONCLUSIONS COMBUSTION OF AMMONIUM PERCHLORATE--SOME NEGATIVE CONCLUSIONS	AFCL67-0217 AFOSR68-2819
CONCOMITANT	
REACTIVITY CHANGES IN THE CENTRAL NERVOUS SYSTEM CONCOMITANT WITH CHRONIC FEAR AND FOOD DEPRIVED STATES MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR II CONCOMITANT ELECTROPHILIC AND NUCLEOPHILIC CATALYSIS OF THE	AFOSR68-0663 AFOSR67-0031
CONDENSATION	
CONDENSATION DROPLET GROWTH IN RAREFIED GASES CONDENSATION IN A RAPIDLY EXPANDING METAL VAPOR-INERT GAS MIXTURE FINAL REPORT APRIL 1967 CONDENSATION IN HYPERSONIC WIND TUNNELS CONDENSATION IN HYPERSONIC WIND TUNNELS CONDENSATION OF AIR AND NITROGEN IN HYPERSONIC WIND TUNNELS AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLES AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME I - MERCURY CONDENSATION EXPERIMENTS RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME II - CONDENSATION EXPERIMENTS IN A DIFFUSION OF DISSOLVED GASES IN MOLTEN CONDENSATION POLYMERS AN EXPERIMENT CONCERNING THE EVAPORATION AND CONDENSATION OF PLATINUM AT HIGH TEMPERATURES ENHANCEMENT OF DIFFUSION-LIMITED VAPORIZATION RATES BY CONDENSATION WITHIN THE THERMAL BOUNDARY LAYER I THE CRITICAL DEGRADATION OF IMAGERY FROM OPTICAL-MECHANICAL SCANNERS MOISTURE CONDENSATION ON OPTICS RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME II - CONDENSATION EXPERIMENTS IN A RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME I - MERCURY CONDENSATION EXPERIMENTS	ARL 67-0049 ARL 67-0071 ARL 67-1062 ARL 67-1336 ARL 68-0077 ARL 67-1222 ARL 68-1386 ARL 68-1397 ARL 68-0142 ARL 68-0143 ARL 68-0056 ARL 67-1087 AFOSR68-1202 AFCL67-0398 ARL 68-0143 ARL 68-0142
CONDITION	
A LIMITING CONDITION FOR SUPERSONIC INVISCID INTERACTION IN THE CORNER OF INTERSECTING WEDGES FINAL REPORT MAY 1968 A NECESSARY CONDITION FOR FOUR-COLORING A PLANAR GRAPH NECESSARY AND SUFFICIENT CONDITION FOR A CONVEX SET TO BE CLOSED CONVEX SETS AND THE BOUNDED SLOPE CONDITION INFLUENCE OF TRANSVERSE SHEAR AND EDGE CONDITION ON NONLINEAR VIBRATION AND DYNAMIC BUCKLING OF HOMOGENEOUS AND EQUIVALENCE RESTRICTIONS AND THE BRILLOUIN CONDITION FOR HARTREE-FOCK WAVE FUNCTIONS	ARL 68-0099 AFOSR67-0685 AFOSR67-0781 AFOSR68-2563 AFOSR67-1011 AFOSR68-0950
CONDITIONAL	
CONDITIONAL LINEAR ESTIMATION OF THE SCALE PARAMETER OF THE EXTREME-VALUE DISTRIBUTION BY USE OF SELECTED ORDER CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATORS, FROM SINGLY CENSORED SAMPLES, OF THE SCALE PARAMETERS OF TYPE II CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATION, FROM SINGLY CENSORED SAMPLES, OF THE SHAPE PARAMETERS OF PARETO AND LIMITED DEVIATIONS CONDITIONAL ESTIMATION OF THE STANDARD OF THE NORMAL AND LOGISTIC DISTRIBUTIONS FROM DOUBLY CENSORED ONE-ORDER-STATISTIC CONDITIONAL ESTIMATORS OF SHAPE PARAMETERS OF LIMITED AND PARETO DISTRIBUTIONS AND SCALE REVIEW OF CLINICAL AND EXPERIMENTAL STUDIES IN CONDITIONAL REFLEXES PSYCHO AND NEUROPHYSIOLOGY IN USSR CZECHOSLOVAKIA NONLINEAR FILTERING THE EXACT DYNAMICAL EQUATIONS SATISFIED BY THE CONDITIONAL MODE	ARL 67-1005 ARL 68-0085 ARL 68-0276 ARL 67-1003 ARL 68-0048 AFOSR67-1246 AFOSR67-2178
CONDITIONED	
CHARACTERISTICS OF REM SLEEP FOLLOWING DIFFERENT CONDITIONED RATES OF MAKING EYE MOVEMENT IN THE MONKEY THE ROLE OF THE THALAMUS MEDIAN IN THE ESTABLISHMENT AND THE RETENTION OF CONDITIONED DEFENSES CLASSICAL AND	AFOSR68-2794 AFOSR67-2114
CONDITIONING	
OPERANT CONDITIONING OF EYE MOVEMENT IN THE MONKEY ROLE OF TWO THALAMIC NUCLEI IN INSTRUMENTAL CONDITIONING IN THE RAY (FRENCH) ELECTROPHYSIOLOGICAL STUDY OF VISUAL CORTICAL MECHANISMS ACTIVATED DURING AVOIDANCE CONDITIONING TRAILS IN MACAQUES	AFOSR68-1650 AFOSR67-0113 AFOSR68-0196
CONDITIONS	
CONDITIONS FOR THE VALIDITY OF SUM RULES CONDITIONS FOR THE VALIDITY OF THE ANGULAR SPECTRUM OF PLANE WAVES NECESSARY CONDITIONS FOR OPTIMAL SINGLE IMPULSE TRANSFER NECESSARY CONDITIONS FOR THE REALIZABILITY OF N-PORT RESISTIVE NETWORKS WITH MORE THAN N PLUS 1/2 NODES STABILITY CONDITIONS FOR A BOSON SYSTEM INTERACTING WITH A PARTLY REPULSIVE AND PARTLY ATTRACTIVE POTENTIAL STABILITY CONDITIONS FOR A MIXED DISTRIBUTED AND LUMPED PARAMETER CONTROL SYSTEM SIMPLIFIED CONDITIONS FOR CONTROLLABILITY AND OBSERVABILITY OF LINEAR TIME-INVARIANT SYSTEMS UNIQUENESS CONDITIONS FOR CERTAIN HOLOMORPHIC MAPPINGS ON INITIAL CONDITIONS FOR VISCOUS INTERACTING FLOWS FINAL REPORT DECEMBER 1968 CONSISTENCY CONDITIONS ON MODELS FOR HIGH-ENERGY SCATTERING TEST SECTION CONDITIONS FOR THE TAILORED INTERFACE HYPERSONIC SHOCK TUNNEL THERMODYNAMIC CONDITIONS OF THE TEST GAS IN A BALLISTIC COMPRESSOR FOG FORMATION CONDITIONS NEAR COOL SURFACES PSEUDO-RADIATION CONDITIONS FOR DERIVATIVES OF RADIATING FUNCTIONS ON THERMODYNAMIC CONDITIONS FOR THE STABILITY OF EVOLVING SYSTEMS GENERAL NECESSARY CONDITIONS FOR OPTIMIZATION PROBLEMS THE SELECTION OF OPTIMUM CONDITIONS FOR SPECTROCHEMICAL METHODS III SENSITIVITY OF ATOMIC FLUORESCENCE ABSORPTION AND GENERALIZED IMPEDANCE BOUNDARY CONDITIONS WITH APPLICATIONS TO SURFACE WAVE STRUCTURES INFLUENCE OF IN-PLANE BOUNDARY CONDITIONS ON THE STABILITY OF CONICAL SHELLS UNDER HYDROSTATIC PRESSURE REACTIONS IN LIQUIDS AT CRITICAL CONDITIONS - DECOMPOSITION OF BENZOYL PEROXIDE A THEORY FOR THE SLIP-FLow BOUNDARY CONDITIONS OVER A SURFACE DEFINED BY ARBITRARY GAS-SURFACE INTERACTION PARAMETERS VISUAL PERCEPTION IN SIMULATED SPACE CONDITIONS FINAL REPORT JUNE 1968 ANALYSIS OF LIDAR DATA OBTAINED UNDER CONDITIONS OF LOW CEILING AND VISIBILITY FLASH PHOTOLYSIS UNDER NON-ISOTHERMAL CONDITIONS LAMINAR PARALLEL PLATE FLOW WITH ARBITRARY THERMAL CONDITIONS FINAL REPORT JAN 1967 UNIQUENESS AND THE MANDELSTAM REPRESENTATION I MOMENT CONDITIONS FOR THE DOUBLE SPECTRAL FUNCTIONS CONCENTRATED FORCE IN EIGHTH-SPACE WITH MIXED BOUNDARY CONDITIONS ROCKET ANTENNA MULTIPACTOR BREAKDOWN UNDER DYNAMIC PRESSURE CONDITIONS NOTE ON CLASSES OF FUNCTIONS DEFINED BY INTEGRATED LIPSCHITZ CONDITIONS MACHINERIE INTERACTION IN ADAPTIVELY CONTROLLED EXPERIMENTAL CONDITIONS RECEIVER OPERATING CHARACTERISTICS DETERMINED UNDER SEVERAL INTERAURAL CONDITIONS OF LISTENING BIOCHEMICAL STUDIES OF NEURONS AND GLIA DURING LEARNING AND DIFFERENT FUNCTIONAL CONDITIONS FINAL REPORT MAY 1967 PARAGRAM-LINDELNF AND COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS WITH MIXED BOUNDARY CONDITIONS THE FLOW UPSTREAM OF A BLUNT BODY IN HYPERSONIC FLOW FROM CONTINUUM TO NEARLY FREE MOLECULE CONDITIONS PARAMETRIC REPRESENTATIONS OF GAS-SURFACE INTERACTION DATA AND THE PROBLEM OF SLIP-FLow BOUNDARY CONDITIONS WITH SHOCK WAVE PRECURSOR MEASUREMENTS PART I ONE-DIMENSIONAL THEORY OF ELECTROSTATIC PROBES IN UNSTEADY CONDITIONS WITH	AFOSR68-0797 AFOSR68-2806 AFOSR67-0356 AFOSR67-0487 AFOSR67-0597 AFOSR68-0214 AFOSR67-0340 AFOSR67-1092 ARL 68-0216 AFOSR67-1638 AFOSR67-2026 AFOSR68-0108 AFOSR68-2665 AFOSR67-1859 AFOSR68-1641 AFOSR67-0145 AFOSR67-1920 AFCL67-0819 AFOSR67-1942 AFOSR68-1222 AFOSR67-1911 AFOSR68-1212 AFCL68-0522 AFOSR67-2655 ARL 67-0003 AFOSR68-0438 AFOSR67-1303 AFCL68-0155 AFOSR68-1076 AFOSR67-2720 AFOSR67-1061 AFOSR67-1690 AFOSR68-0283 ARL 68-1109 AFOSR68-0864 AFOSR68-1747
CONDUCTANCE	
ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE I IODIDE DONOR SOLUTES ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE II IODIDE ACCEPTOR SOLUTES	AFOSR67-0742 AFOSR68-0367

CONDUCTANCE

- CONTINUED

EFFECT OF PRESSURE ON CONDUCTANCE III TETRAISAMMONIUM PICRATE ANISOLE
EFFECT OF PRESSURE ON CONDUCTANCE IV IONIC ASSOCIATION AND WALDEN PRODUCTS IN ETHANOL
CURRENT SATURATION AND DRAIN CONDUCTANCE OF JUNCTION-GATE FIELD-EFFECT TRANSISTORS
ORGANIC METALS THE ELECTRICAL CONDUCTANCE OF ORGANIC SOLIDS
PRESSURE DEPENDENCE OF ELECTROLYTIC CONDUCTANCE REPORT JULY 1966

AFOSR66-0216
AFOSR66-0328
AFOSR67-1629
AFOSR66-1252
AFOSR66-1617

CONDUCTING

RADIATION PRESSURE ON A CONDUCTING SPHERE
RADAR REFLECTING PROPERTIES OF CONDUCTING SURFACES FINAL REPORT JUNE 1966
THE ELECTROSTATIC FIELD AROUND A SLENDER CONDUCTING BODY OF REVOLUTION
ON THE DIFFRACTION BY A KNIFE-EDGE OBSTACLE ON A CONDUCTING EARTH
LEVEL SHIFTS DUE TO THE CONFINEMENT OF AN ATOM BY CONDUCTING WALLS
MAGNETOHYDRODYNAMIC FLOW IN A RECTANGULAR DUCT WITH CONDUCTING ELECTRODES
RESEARCH AND INVESTIGATION OF OPTICAL PROPERTIES OF SEMI CONDUCTING CRYSTALS FINAL REPORT MARCH 1967
ELECTROMAGNETIC SCATTERING IN THE TIME DOMAIN IN A PERFECTLY CONDUCTING CURVED SURFACE
RESEARCH INTO THE SCATTERING OF ELECTROMAGNETIC ENERGY FROM HIGHLY CONDUCTING BODIES FINAL REPORT MAY 1967
FREQUENCY DEPENDENCE OF THE FIELD STRENGTH COMPONENTS OF A DIPOLE EMBEDDED IN A CONDUCTING MEDIUM

AFOSR67-2325
AFOSR66-0346
AFOSR67-0615
AFOSR66-0375
AFOSR67-0297
AFOSR67-2440
ARL 67-0042
AFOSR66-0287
AFOSR67-0389
AFOSR66-0174

CONDUCTION

CONDUCTION PROPERTIES OF PYROLYTIC SILICON NITRIDE FILMS
HEAT CONDUCTION IN A BOUNDED ANISOTROPIC MEDIUM
ELECTRICAL CONDUCTION FROM A LAMINAR ARC HEATED FLOW TO A COOLED CYLINDRICAL ANODE FINAL REPORT JULY 1967
NONUNIFORM ELECTRICAL CONDUCTION IN HMD CHANNELS
NONUNIFORM ELECTRICAL CONDUCTION IN MAGNETOHYDRODYNAMIC CHANNELS
ON THE PROBLEM OF HEAT CONDUCTION IN A CONTINUOUS CYLINDER FINAL REPORT APRIL 1967
NONPARABOLICITY OF THE L CONDUCTION BAND IN GERMANIUM FROM MAGNETO-PIEZOTRANSMISSION EXPERIMENTS
NATURE OF THE ELECTRICAL CONDUCTION TRANSIENTS OBSERVED IN RUTILE
ENERGY TRANSFER AND ELECTRON CONDUCTION IN THE FLUID TRANSPARATION ARC
THE NATURE OF THE ELECTRICAL CONDUCTION TRANSIENT BEHAVIOR OF RUTILE
KINETIC DESCRIPTION OF CYLINDRICAL HEAT CONDUCTION IN A POLYATOMIC GAS
RESEARCH ON ELECTRICAL CONDUCTIVITY AND CONDUCTION MECHANISMS IN ALUMINA FINAL REPORT AUGUST 1966
BOUNDARY VALUE PROBLEMS FOR WEDGES AND CONES UNDER HEAT CONDUCTION
COMPLEMENTARY FORMS OF THE VARIATIONAL PRINCIPLE FOR HEAT CONDUCTION AND CONVECTION
A COMPUTATION OF THE POINTS/GAMMA AND CHI FOR THE VALENCE AND CONDUCTION BANDS OF SODIUM CHLORIDE
REMARKS ON THE RECENT LETTER OBSERVATION OF MAGADKAS BOUND STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS
A METHOD FOR THE SOLUTION OF STOCHASTIC PROBLEMS IN LINEAR THERMOELASTICITY AND HEAT CONDUCTION

AFOSR66-1256
AFOSR66-1735
ARL 67-0142
AFOSR67-2433
AFOSR67-2651
ARL 67-0068
AFOSR67-2372
ARL 67-1148
AFOSR67-0769
ARL 66-1150
AFOSR66-2423
ARL 66-0154
AFOSR66-1042
AFOSR66-0096
AFOSR66-0701
AFOSR67-1754
AFOSR67-0299

CONDUCTION-ELECTRON

BLOCH EQUATION FOR CONDUCTION-ELECTRON SPIN RESONANCE
EXCHANGE COUPLING AND CONDUCTION-ELECTRON POLARIZATION IN METALS

AFOSR67-0164
AFOSR67-0596

CONDUCTIVITY

THERMAL CONDUCTIVITY OF PURE TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELDS
THERMAL CONDUCTIVITY OF SOLID 4HE AND OF 1:2 OXIDIC MIXTURES AT HIGH DENSITIES
THERMAL CONDUCTIVITY MEASUREMENTS BELOW 4.2 DEGREES K
THERMAL CONDUCTIVITY MEASUREMENTS ON NYLON RODS AND NYLON- GREASE-COPPER BOUNDARIES
THERMAL CONDUCTIVITY OF NYLON AT LIQUID HELIUM TEMPERATURES
VARIABLE CONDUCTIVITY FULLY DEVELOPED HMD CHANNEL FLOW FINAL REPORT MARCH 1967
VARIABLE CONDUCTIVITY MFD COUETTE FLOW
TRANSIENT CONDUCTIVITY IN ORGANIC INSULATORS FINAL REPORT SEPT 1967
ELECTRICAL CONDUCTIVITY OF MAGNETOPLASMAS PART I - GENERAL THEORY OF EFFECTIVE PARAMETERS
ELECTRICAL CONDUCTIVITY OF MAGNETOPLASMAS PART II-EFFECTIVE PARAMETERS FOR NON-MAXWELLIAN DISTRIBUTIONS
ELECTRICAL CONDUCTIVITY OF A PLASMA FINAL REPORT NOV 1966
ELECTRICAL CONDUCTIVITY OF A FULLY IONIZED PLASMA
ELECTRICAL CONDUCTIVITY TRANSIENTS IN RUTILE
EFFECT OF HIGH CONDUCTIVITY ON TWO-DIMENSIONAL PLASMA FLOW
THE ELECTRICAL CONDUCTIVITY OF CERAMICS ITS MEASUREMENT AND INTERPRETATION
MEASUREMENT OF THE CONDUCTIVITY AND DIELECTRIC CONSTANT OF A HOMOGENEOUS MEDIUM BY MEANS OF WAVE PROPAGATION
ON THE A C ELECTRICAL CONDUCTIVITY OF A LORENTZ GAS
ENERGY GAP AND THERMAL CONDUCTIVITY OF PURE AND IMPURE SUPERCONDUCTING TIN
RESEARCH ON ELECTRICAL CONDUCTIVITY AND CONDUCTION MECHANISMS IN ALUMINA FINAL REPORT AUGUST 1966
HIGH TEMPERATURE THERMAL CONDUCTIVITY OF RARE GASES AND GAS MIXTURES
HIGH-TEMPERATURE THERMAL CONDUCTIVITY OF ARGON
RELATING THE LOW TEMPERATURE CONDUCTIVITY OF RUTILE TO ITS DEFECT STRUCTURE
THE INFLUENCE OF FINITE ELECTRICAL CONDUCTIVITY ON THE DEVELOPMENT OF A MAGNETICALLY DRIVEN SHOCK IN HCO- ϵ BETA MUCH
DETERMINATION OF THE MEAN VALUES OF CONDUCTIVITY AND DIELECTRIC CONSTANT FROM THE FIELD STRUCTURE OF A MAGNETIC DIPOLE
THERMOELECTRIC POWER AND ELECTRICAL CONDUCTIVITY OF NM02
SINGLE-CRYSTAL STUDIES OF ELECTRICAL CONDUCTIVITY SEEBECK EFFECT AND HALL VOLTAGE IN SODIUM VANADIUM BRONZE AND A
SIZE EFFECTS IN THE ELECTRONIC THERMAL CONDUCTIVITY OF GALLIUM SINGLE CRYSTALS
SUPERCONDUCTING-AND NORMAL-STATE THERMAL CONDUCTIVITY OF IMPURE TIN
PARTICLE SIZE DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF NaCl
ELECTRODELESS DETERMINATION OF SEMICONDUCTOR CONDUCTIVITY FROM CIRCULAR ELECTRIC FIELD MODE REFLECTIVITY
THE FREQUENCY DEPENDENCE OF THE DIELECTRIC CONSTANT AND CONDUCTIVITY OF ROCK AND ITS RELATION TO QUANTITIES OF ROCK
NUCLEAR EXPLOSIONS IN A IONOSPHERE WITH FINITE ELECTRIC CONDUCTIVITY IN THE PRESENCE OF A UNIFORM MAGNETIC FIELD
KINETIC EQUATION FOR A PLASMA AND ITS APPLICATION TO HIGH-FREQUENCY CONDUCTIVITY
AN INVESTIGATION OF THE LOW TEMPERATURE TIME DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF RUTILE
A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENT OR CONDUCTIVITY /GLOW CURVES/
A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENCE OR CONDUCTIVITY GLOW CURVES

AFOSR67-2496
AFOSR66-1080
ARL 67-1012
ARL 66-0253
ARL 66-1442
ARL 67-0046
ARL 67-1277
AFOSR67-0515
AFOSR67-0527
AFOSR67-0528
AFOSR67-0306
AFOSR66-1830
ARL 67-1149
AFOSR66-0740
ARL 67-0010
AFOSR66-0440
AFOSR66-1237
AFOSR66-0015
ARL 66-0154
AFOSR66-1614
AFOSR66-2024
ARL 66-1166
AFOSR67-1226
AFOSR67-0494
ARL 67-1249
AFOSR66-1474
AFOSR66-0507
AFOSR66-0016
ARL 67-0107
AFOSR67-1646
AFOSR67-0362
AFOSR66-0148
AFOSR67-1888
ARL 66-1147
ARL 66-1017
ARL 66-1173

CONDUCTOR

A BIBLIOGRAPHY OF THE ELECTRICALLY EXPLODED CONDUCTOR PHENOMENON FOURTH EDITION
CONSTRUCTION OF STEADY STATE HYDROMAGNETIC DYNAMOS II THE SPHERICAL CONDUCTOR

AFOSR67-0556
AFOSR67-0976

CONDUCTORS

D P V METHOD OF CALCULATING ENERGY BANDS FOR SEMI- CONDUCTORS
EQUIPESSENCE AND CONSTITUTIVE EQUATIONS FOR RIGID HEAT CONDUCTORS
HIGH TEMPERATURE HALL MOBILITY TECHNIQUES IN LOW MOBILITY CONDUCTORS

ARL 66-1090
AFOSR67-2183
ARL 66-1143

CONE

BLUNT CONE ROLL DAMPING DERIVATIVE
NOSE BLUNTNESS, CONE ANGLE, AND MACH NUMBER EFFECTS ON THE STABILITY DERIVATIVES OF SLENDER CONES FINAL REPORT SEP 1966
WAKE MEASUREMENTS BEHIND A CONE SUSPENDED MAGNETICALLY IN A MACH NUMBER 4.3 STREAM
STRESS PROPAGATION AND SPALLATION CONE KINETICS IN PENETRATED THIN PLATES
PRESSURE DISTRIBUTION ON A 5.0 DEGREES BLUNT CONE AT MACH 14 FINAL REPORT NOVEMBER 1966
REDUCTION OF BACKSCATTERING FROM THE INFINITE CONE AND THE SPHERE BY IMPEDANCE LOADING
HYPERSONIC ROLL DAMPING DERIVATIVE OF A BLUNT CONE
THE HYPERSONIC ROLL DAMPING DERIVATIVE OF A BLUNT CONE FINAL REPORT JULY 1966
HYPERSONIC STABILITY DERIVATIVES FOR A STANDARD 10 DEGREE CONE FINAL REPORT MAY 1967

ARL 66-0314
ARL 67-0185
AFOSR66-1565
AFOSR67-0167
ARL 66-0208
AFOSR67-0490
ARL 66-1408
ARL 66-0137
ARL 67-0090

CONES

BARRIERS ON CONES FOR UNIFORMLY ELLIPTIC OPERATORS
A STUDY OF WINGING ON CONES
VISCOSUS EFFECTS ON BLUNT CONES AT LOW REYNOLDS NUMBERS AND HYPERSONIC SPEED
BOUNDARY LAYER TRANSITION ON CONES AND SPHERES AT SUPERSONIC SPEEDS-EFFECTS OF ROUGHNESS AND COOLING
SPECTRAL RESPONSE CURVES OF SINGLE CONES IN THE CARP
VISCOSUS HYPERSONIC FLOW OVER POINTED CONES AT LOW REYNOLDS NUMBERS
BOUNDARY VALUE PROBLEMS FOR WEDGES AND CONES UNDER HEAT CONDUCTION
HYPERSONIC LAMINAR SEPARATION IN MINUTELY BLUNTED CONES IN SLIP FLOW
AN EXPERIMENTAL STUDY OF PLASMA-COVERED SLOTS ON CYLINDERS AND CONES
THE EFFECT OF SEVERE NOSE BLUNTNESS ON THE STABILITY OF SLENDER CONES IN HYPERSONIC FLOW
RESEARCH ON HYPERSONIC STABILITY DERIVATIVES IN PITCH FOR BLUNTED SLENDER CONES
NOSE BLUNTNESS, CONE ANGLE, AND MACH NUMBER EFFECTS ON THE STABILITY DERIVATIVES OF SLENDER CONES FINAL REPORT SEP 1966 ARL 67-0185

CONFERENCE

PROCEEDINGS OF THE SURTSEY RESEARCH CONFERENCE /RND/ REYKJAVIK ICELAND 25 THRU 28 JUNE 1967 PPI-108 FINAL REPORT JUNE
PROCEEDINGS OF THE HAWAII INTERNATIONAL CONFERENCE ON SYSTEMS SCIENCES UNIVERSITY OF HAWAII HONOLULU HAWAII 29-31
THE N-N INTERACTION 1967 - AN OVERVIEW AND CONFERENCE SUMMARY
DYNAMIC STABILITY OF STRUCTURES - INTERNATIONAL CONFERENCE ON DYNAMIC STABILITY OF STRUCTURES 18-20 OCT 1965
SYMMETRY PRINCIPLES AT HIGH ENERGY FIFTH CORAL GABLES CONFERENCE JANUARY 24-26 1968 FINAL REPORT JULY 1968
HIGH-TEMPERATURE CHEMISTRY CURRENT AND FUTURE PROBLEMS CONFERENCE ORGANIZED AT RICE UNIVERSITY HOUSTON TEXAS JANUARY
INDIVIDUAL DIFFERENCES AND THEORETICAL PROCESS VARIABLES GENERAL COMMENTS ON THE CONFERENCE
CAPACITY OF AN ADDITIVE GAUSSIAN COLORED NOISE CHANNEL WITH NOISELESS FEEDBACK ALLERTON CONFERENCE ON CIRCUIT AND
SURVEY OF COMPUTER LANGUAGES FOR SYMBOLIC AND ALGEBRAIC MANIPULATIONS PROCEEDINGS OF IFIPS CONFERENCE ON SYMBOL
BRAIN FUNCTION VOLUME IV UCLA FORUM IN MEDICAL SCIENCES NUMBER 6 - PROCEEDINGS OF THE FOURTH CONFERENCE ON BRAIN
EXPERIENCE AND CAPACITY VOL 4 OF A SERIES PROCEEDINGS OF THE FOURTH INTERNATIONAL INTERDISCIPLINARY CONFERENCE ON
SUMMER INSTITUTE IN SYSTEMATICS 1967 - TRANSCRIPT OF LECTURES SUMMER INSTITUTE IN SYSTEMATICS WORKING CONFERENCE 25
DISCUSSION OF AGGRESSION DEFENSE AND NEUROMIMESIS - LATER BY ALAN B ROTHBALLER PROCEEDINGS OF THE FIFTH CONFERENCE ON

CONFIDENCE

CONFIDENCE INTERVALS FOR THE MEAN OF A FINITE POPULATION
WILCOXON CONFIDENCE INTERVALS FOR LOCATION PARAMETERS IN THE DISCRETE CASE
AIRMAN QUALIFYING EXAMINATION-66 ADMINISTERED AS A CONFIDENCE TEST

CONFIGURATION

ABSOLUTE CONFIGURATION AND OPTICAL ROTATORY DISPERSION OF METHYL ALKYL SULFOXIDES
THE ABSOLUTE CONFIGURATION OF METHYL ALLYL SULFOXIDE STEREOCHEMISTRY OF THE GRIGNARD SYNTHESIS OF OPTICALLY ACTIVE
THE ABSOLUTE CONFIGURATION OF SULFOXIDES AND SULFINATES
EQUILIBRIUM SPIN CONFIGURATION AND RESONANCE BEHAVIOR OF RBHMF SUB 3
EFFECT OF INITIAL CONFIGURATION ON LIRRATION POINT MOTION
SYNTHESIS AND ABSOLUTE CONFIGURATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES AND PHOSPHINATES
ANALYSIS OF THE SKELETAL CONFIGURATION OF CRYSTALLINE MEN EGG-WHITE LYSOZYME
OPTIMIZATION OF A SCRAMJET CONFIGURATION
MAGNETIC PARAMETERS FOR THE CONFIGURATION F3
DIPOLE MOMENTS IN RELATION TO CONFIGURATION OF POLYPEPTIDE CHAINS
ELECTRON COLLISIONS WITH IONS OF THE 3P SUPER 3 CONFIGURATION
AN ISOBARIC ANALOG STATE WITH L F SUPER 7 - OVER 2 CONFIGURATION IN SUPER 37 CL
RADIATIVE AND COLLISION-INDUCED RELAXATION OF ATOMIC STATES IN THE 2P3P CONFIGURATION OF NEON

CONFIGURATIONAL

CONFIGURATIONAL STATISTICS OF POLY /ETHYLENE TEREPHTHALATE/ CHAINS
CONFIGURATIONAL STATISTICS OF POLYANIDE CHAINS
CONFIGURATIONAL CORRELATION OF PHOSPHINATES BY NUCLEAR MAGNETIC RESONANCE AND OPTICAL ROTATORY DISPERSION
CONFIGURATIONAL DISTRIBUTIONS FOR FINITE CHAIN MOLECULES
DIRECT CONFIGURATIONAL CORRELATION OF SULFOXIDES AND PHOSPHINE OXIDES BY INTERSYSTEM MATCHING OF COTTON EFFECTS
CONFORMATIONAL ENERGY AND CONFIGURATIONAL STATISTICS OF POLY-L-PROLINE
CONFORMATIONAL ENERGIES AND CONFIGURATIONAL STATISTICS OF COPOLYPEPTIDES CONTAINING L-PROLINE
A NEW ROUTE TO THE PREPARATION AND CONFIGURATIONAL CORRELATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES
TREATMENT OF THE EFFECT OF EXCLUDED VOLUME AND DEDUCTION OF UNPERTURBED DIMENSIONS OF POLYMER CHAINS CONFIGURATIONAL

CONFIGURATIONS

RANDOM COIL CONFIGURATIONS OF POLYPEPTIDE COPOLYMERS
EXPERIMENTALLY DETERMINED SHOCK CONFIGURATIONS IN A HIGH- SOLIDITY SUPERSONIC ROTOR
ANALYSIS AND DESIGN OF MAXIMUM-GAIN LOW-CURRENT JUNCTION FIELD EFFECT TRANSISTOR CONFIGURATIONS
COLLISION CROSS-SECTIONS OF FORTODEN LINES OF THE 2SUBSUPPERQ AND 3SUBSUPPERQ CONFIGURATIONS

CONFIDENCE

A REPORT ON THE EFFECT OF DEGR CF CONFIDENCE IN STUDENT TESTING

CONFINED

CONFINED AND NONCONFINED INTERCHANGE INSTABILITIES OBTAINED FROM NONLINEAR COMPUTER MODELS
THE RAYLEIGH-TAYLOR STABILITY OF CONFINED VISCOS FLUIDS WITH AN INTERFACE FINAL REPORT JUNE 1967
RADIATION-DRIVEN ACOUSTIC WAVES IN A CONFINED GAS
OPTICAL DENSITY MEASUREMENTS IN A HIGH SPEED CONFINED GASEOUS VORTEX
A LINEARIZED ANALYSIS OF MASS-TRANSFER EFFECTS ON CONFINED LAMINAR VORTEX FLOWS
EFFECT OF INITIAL IMPERFECTIONS ON THE INSTABILITY OF A RING CONFINED IN AN IMPERFECT RIGID BOUNDARY
OPTICAL MEASUREMENT OF RADIAL DENSITY DISTRIBUTIONS IN A HIGH-SPEED CONFINED AIR VORTEX, FINAL REPORT DEC 1967

CONFINEMENT

INERTIAL CONFINEMENT OF EXTENDED RADIO SOURCES
LEVEL SHIFTS DUE TO THE CONFINEMENT OF AN ATOM BY CONDUCTING WALLS

CONFIRMATION

THE PROBLEM OF THE EXPERIMENTAL CONFIRMATION OF LANDAU DAMPING

CONFLICT

TOWARD A TWO-DECISION THEORY OF ORGANIZATIONAL CONFLICT AND COMMITMENT

CONFLUENT

CONFLUENT EXPANSIONS

CONFORM

POSSIBLE CONFORM INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY

CONFORMAL

CONFORMAL GEOMETRY AND THE INTERPRETATION OF THE VEYL TENSOR
A PROCEDURE FOR CONFORMAL MAPPING OF TRIPLY - CONNECTED DOMAINS
GRAVITATIONAL FIELDS IN FINITE AND CONFORMAL HOMOGENEOUS FRAMES

AFOSR67-0379
AFOSR68-0304
ARL 67-0027

CONFORMATION

THE CONFORMATION OF A CYCLOHEPTENE
MICROWAVE SPECTRUM CONFORMATION DIPOLE MOMENT AND BARRIER TO INTERNAL ROTATION IN METHYL VINYL ETHER
THE CRYSTAL AND MOLECULAR STRUCTURE AND THE SOLUTION CONFORMATION OF DIMETHYLSILOXANE HYDROXIDE AN INORGANIC

AFOSR67-0662
AFOSR68-1798
AFOSR68-2863

CONFORMATIONAL

CONFORMATIONAL ENERGY ESTIMATES FOR STATISTICALLY COILING POLYPEPTIDE CHAINS
CONFORMATIONAL ENERGY AND CONFIGURATIONAL STATISTICS OF POLY-L-PROLINE
CONFORMATIONAL FLEXIBILITY OF THIANTHRENE AND ITS OXIDES
CONFORMATIONAL ANALYSIS OF TRITOLYLPHOSPHINES
CONFORMATIONAL ANALYSIS XIII THE VALIDITY OF THE NUCLEAR MAGNETIC RESONANCE METHOD OF ESTABLISHING CONFORMATIONAL
CONFORMATIONAL ANALYSIS XIV CONFORMATIONAL EQUILIBRIA OF CYCLOHEXYL HALIDES
CONFORMATIONAL ANALYSIS XV THE CONFORMATIONAL ENTHALPY ENTROPY AND FREE ENERGY OF THE CARBOXYL CARBOXYLATE
CONFORMATIONAL ENERGIES AND CONFIGURATIONAL STATISTICS OF COPOLYPEPTIDES CONTAINING L-PROLINE
CONFORMATIONAL ANALYSIS XVI 1,3-DIOXANES
CONFORMATIONAL FREE ENERGIES OF THE FORMYL HYDROXYMETHYL AC HYDROXYL GROUPS AS DETERMINED BY THE EQUILIBRATION METHOD
CONFORMATIONAL ANALYSIS XIV CONFORMATIONAL EQUILIBRIA OF CYCLOHEXYL HALIDES
ANTIBODIES TO SEQUENTIAL AND CONFORMATIONAL DETERMINANTS
CONFORMATIONAL ANALYSIS XV THE CONFORMATIONAL ENTHALPY ENTROPY AND FREE ENERGY OF THE CARBOXYL CARBOXYLATE
CONFORMATIONAL ANALYSIS XIII THE VALIDITY OF THE NUCLEAR MAGNETIC RESONANCE METHOD OF ESTABLISHING CONFORMATIONAL

AFOSR67-0851
AFOSR67-2099
AFOSR67-2416
AFOSR67-2868
AFOSR68-0677
AFOSR68-0678
AFOSR68-0975
AFOSR68-1460
AFOSR68-2411
AFOSR68-2456
AFOSR68-0676
AFOSR68-2701
AFOSR68-0975
AFOSR68-0677

CONICAL

BUCKLING OF UNSTIFFENED CONICAL SHELLS UNDER COMBINED LOADING
THE BUCKLING OF DISCRETELY STIFFENED CONICAL SHELLS
LOW BUCKLING LOADS OF AXIALLY COMPRESSED CONICAL SHELLS
INFLUENCE OF IN-PLANE BOUNDARY CONDITIONS ON THE STABILITY OF CONICAL SHELLS UNDER HYDROSTATIC PRESSURE
AN INVESTIGATION OF THREE-DIMENSIONAL JET CONTROL INTERACTION ON A CONICAL BODY
RECENT STUDIES ON OPTIMISATION FOR ELASTIC STABILITY OF CYLINDRICAL AND CONICAL SHELLS
THE INFLUENCE OF STIFFENER GEOMETRY AND SPACING ON THE BUCKLING OF AXIALLY COMPRESSED CYLINDRICAL AND CONICAL SHELLS

AFOSR68-0629
AFOSR68-2352
AFOSR68-1944
AFOSR67-1942
ARL 68-1116
AFOSR68-1787
AFOSR68-0670

CONJECTURE

CONJECTURE CONCERNING AN ASYMPTOTIC MODIFICATION OF THE VON-NEUMANN-GREEN EQUATION FOR FLUIDS OF RIGID SPHERES AND DISKS
ON A CONJECTURE OF B. L. VAN DER WAERDEN
ON THE BIERERBACH CONJECTURE FOR EVEN N

AFOSR68-0785
AFOSR67-1716
AFOSR68-2613

CONJECTURES

PROOFS OF SOME CONJECTURES ON PERMANENTS

AFOSR67-0321

CONJUGATE

CONJUGATE POINTS ON EXTREMAL ROCKET PATHS
THE CHEMISTRY OF CARBANIONS XII THE ROLE OF COPPER IN THE CONJUGATE ADDITION OF ORGANOMETALLIC REAGENTS

AFOSR68-1637
AFOSR67-1432

CONJUGATED

CONJUGATED DIENES AS QUENCHERS FOR EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS
GROUND STATES OF CONJUGATED MOLECULES. IX. HYDROCARBON RADICALS AND RADICAL IONS
GROUND STATES OF CONJUGATED MOLECULES X IRR NMR CHEMICAL SHIFTS IN ARYL FLUORIDES
APPROXIMATE LCAO-MO TREATMENT OF CONJUGATED POLYMERS
QUENCHING OF EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS BY CONJUGATED DIENES
RATE OF THE EXCITATION ENERGY IN THE QUENCHING OF FLUORESCENCE BY CONJUGATED DIENES
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXX BEHAVIOR OF PHENYLALLYLIC ANIONS AND THEIR CONJUGATED ACIDS
GROUND STATES OF SIGMA-BONDED MOLECULESIII. VALENCE-SHELL AND PI-ELECTRON SCF MO CALCULATIONS FOR CONJUGATED
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVII CYCLIZATION OF COMPOUNDS CONTAINING PHENYL AND CONJUGATED

AFOSR67-0109
AFOSR68-1596
AFOSR68-1988
AFOSR68-1984
AFOSR68-0835
AFOSR68-1081
AFOSR67-0447
AFOSR68-1588
AFOSR68-0258

CONJUGATES

CONJUGATES AND LEGENDRE TRANSFORMS OF CONVEX FUNCTIONS
IMMUNOGENICITY OF HAPTEN CONJUGATES OF POLY-D-TYROSINE

AFOSR67-1390
AFOSR68-0537

CONJUGATION

TENSOR OPERATORS AND MASS FORMULA IN THE MINIMAL EXTENSION OF U-SUB THREE BY CHARGE CONJUGATION

AFOSR67-2113

CONNECTION

A CONNECTION BETWEEN CAPACITY AND POLARITY
THE FORMULATION OF SOME ALLOCATION AND CONNECTION PROBLEMS AS INTEGER PROGRAMS

AFOSR68-2038
AFOSR67-0441

CONNECTIVITY

THE CONNECTIVITY FUNCTION OF A GRAPH
THE ATOM CONNECTIVITY MATRIX

AFOSR68-0619
ARL 67-1116

CONNECTOR

SOLDERLESS THERMAL CONNECTOR FOR USE AT LOW TEMPERATURES

AFOSR68-0786

CONRAD

PRELIMINARY OPTIM CONTOUR MAPS FOR THE CONRAD AND WOND DISCONTINUITIES IN EUROPE

AFCL67-0492

CONSCIOUSNESS

LEVEL OF CONSCIOUSNESS EEG AND EVOKED POTENTIALS IN MAN FRENCH
EXPANDING THE CONSCIOUSNESS OF THE AEROLASTICIAN
DISCRIMINATING AMONG STATES OF CONSCIOUSNESS BY EEG MEASUREMENTS A STUDY OF FOUR SUBJECTS
ON THE SUGGESTED CEREBRAL DOMINANCE FOR CONSCIOUSNESS
STUDY OF THE BRAIN MECHANISMS UNDERLYING THE CHANGES OF CONSCIOUSNESS AND THEIR ELECTROPHYSIOLOGICAL CORRELATES
PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS FINAL REPORT JUNE
PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS

AFOSR67-0504
AFOSR68-0925
AFOSR68-0487
AFOSR67-1630
AFOSR68-2365
AFOSR67-0679
AFOSR67-2402

CONSECUTIVE

CONSECUTIVE ION-MOLECULE REACTIONS IN METHANE INVESTIGATED BY MEANS OF POSITIVE ION-IMPACT
CONSECUTIVE ION-MOLECULE REACTIONS IN REACTIVE SYSTEMS

AFCL67-0050
ARL 67-1134

CONSENSUS	
AN EXPERIMENTAL STUDY OF THE DEVELOPMENT OF CONSENSUS	AFOSR66-0473
CONSEQUENCES	
CONSEQUENCES OF AN APPROXIMATE CY INVARIANCE OF THE PHYSICAL MAJORONS	AFOSR67-0271
SOME CONSEQUENCES OF THE SATURATION OF COVARIANT SUM RULES DERIVED FROM QUARK CHARGE-COMMUTATION RELATIONS	AFOSR66-1378
FURTHER CONSEQUENCES OF THE QUARK MODEL IN INELASTIC π PSON- BARYON SCATTERING	AFOSR67-2033
MECHANISTIC CONSEQUENCES OF CURVED STERN-VOLMER PLOTS THE PHOTOLYSIS OF CYCLOBUTANONE	AFOSR66-0044
CONSERVATION	
ENERGY-MOMENTUM CONSERVATION & EINSTEIN'S FIELD EQUATIONS	ARL 66-1098
WEAK SOLUTIONS OF CONSERVATION LAWS IN GENERAL RELATIVITY	AFOSR66-0284
NOETHER EQUATIONS AND CONSERVATION LAWS	AFOSR66-0113
DISCONTINUITY RELATIONS AND SHOCK POLARS FOR CONSERVATION EQUATIONS WITH APPLICATION TO MAGNETOHYDRODYNAMICS	AFOSR67-2438
DERIVATION OF MASS SPECTRUM AND MAGNETIC MOMENTS FROM CURRENT CONSERVATION IN RELATIVISTIC QED AND QCD	AFOSR67-1746
KORTEWEG-DE VRIES EQUATION AND GENERALIZATIONS II EXISTENCE OF CONSERVATION LAWS AND CONSTANTS OF MOTION	AFOSR66-2381
CONSERVATISM	
BUREAUCRATIC CONSERVATISM AND INNOVATION IN EASTERN EUROPE	AFOSR66-2546
CONSERVED	
RELATIONS BETWEEN PARTIALLY CONSERVED AXIAL-VECTOR CURRENT AXIAL-VECTOR CHARGE COMMUTATION RELATIONS AND CONSPIRACY	AFOSR66-2217
CAN THE SQUARE OF THE ISOTOPIC SPIN BE CONSERVED BUT NOT THE TOTAL ISOTOPIC SPIN	AFOSR67-1380
LOW-ENERGY THEOREM FOR PION PHOTOPRODUCTION FROM THE HYPOTHESIS OF PARTIALLY CONSERVED AXIAL-VECTOR CURRENT	AFOSR66-0439
CONSIDERATIONS	
CONSIDERATIONS OF EXPECTED AURORAL INTENSITIES	AFCL67-0210
CONSIDERATIONS REGARDING THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER THEORY	AFOSR66-1914
SELF-ENERGY CONSIDERATIONS IN GENERAL RELATIVITY AND THE EXACT FIELDS OF CHARGE AND MASS DISTRIBUTIONS	AFOSR67-2683
SPECTROSCOPIC CONSIDERATIONS OF CHROMIUM DOPED LITHIUM GERMANATE AS A POSSIBLE LASER MATERIAL	AFCL66-0370
RESEARCHES AND CONSIDERATIONS ON THE HEMISPHERIC DOMINANCE AND SPECIALIZATION IN MAN (ITALIAN)	AFOSR67-1495
ERROR DETECTION CONSIDERATIONS IN NULL RECEPTION SYSTEMS	AFCL67-0636
THEORY AND DESIGN CONSIDERATIONS IN DEVELOPING A MULTI-PURPOSE INSTRUMENT FOR DETERMINATION OF TWELVE PROPERTIES	AFOSR67-2551
CONSISTENCY OF CURRENT COMMUTATION RELATIONS AND RELATED CONSIDERATIONS	AFOSR67-1176
FULLY AUTOMATED NETWORK DESIGN BY DIGITAL COMPUTER PRELIMINARY CONSIDERATIONS	AFOSR66-2078
ARPA OFFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IX - STRATEGY CONSIDERATIONS IN AREA	DRA 68-0001
CONSIDERING	
CONSIDERING STATISTICAL AND TIME AVERAGES IN A REGULATION PROBLEM	AFOSR66-1102
AEROELASTIC STABILITY CHARACTERISTICS OF CYLINDRICAL SHELLS CONSIDERING IMPERFECTIONS AND EDGE CONSTRAINT	AFOSR66-0382
CONSISTENCY	
CONSISTENCY OF CURRENT COMMUTATION RELATIONS AND RELATED CONSIDERATIONS	AFOSR67-1176
CONSISTENCY CONDITIONS ON MODELS FOR HIGH-ENERGY SCATTERING	AFOSR67-1636
CONSISTENCY OF CURRENT COMMUTATORS	ARL 68-0335
CONSISTENT	
SELF CONSISTENT OPW ENERGY BAND CALCULATIONS	ARL 68-1425
SELF CONSISTENT OPW BAND CALCULATIONS WITH SPECIAL COMMENTS ON SATURATED EARTH PLUGS	ARL 68-1456
TABLE OF HARTREE-FOCK SELF CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT III FINAL REPORT JAN 1967	ARL 67-0014
TABLE OF HARTREE-FOCK SELF CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT IV FINAL REPORT FEB 1968	ARL 68-0026
CONSOLIDATED	
CONSOLIDATED SEMIANNUAL PROGRESS REPORT NO 5	AFOSR67-1967
CONSOLIDATED SEMIANNUAL PROGRESS REPORT	AFOSR66-2193
CONSPIRACY	
CONSPIRACY AND SUPERCONVERGENCE IN PION PHOTOPRODUCTION	AFOSR67-2699
SOME CONSPIRACY AND SUPERCONVERGENCE PROPERTIES OF SCATTERING AMPLITUDES IN THE HELICITY FORMALISM	AFOSR66-1140
RELATIONS BETWEEN PARTIALLY CONSERVED AXIAL-VECTOR CURRENT AXIAL-VECTOR CHARGE COMMUTATION RELATIONS AND CONSPIRACY	AFOSR66-2217
CONSPIRATOR	
SU(3) SYMMETRY EXCHANGE DEGENERACY AND LORENTZ-POLE CLASSIFICATION OF CONSPIRATOR FAMILIES	AFOSR66-1463
CONSTANT	
CONSTANT PRESSURE FLAME CALORIMETRY WITH FLUORINE II THE HEAT OF FORMATION OF OXYGEN DIFLUORIDE	AFOSR66-1562
A CONSTANT BANDWIDTH WIDE RANGE TRANSISTORIZED LOGARITHMIC AMPLIFIER	AFCL67-0186
DIELECTRIC CONSTANT OF A SUPERCONDUCTOR	AFOSR67-0167
GEOPHYSICAL CONSTANT DETERMINATION FROM SATELLITE OBSERVATIONS FINAL REPORT JUNE 1967	AFCL67-0426
THE DIELECTRIC CONSTANT OF BLOCH ELECTRONS IN CROSSED ELECTRIC AND MAGNETIC FIELDS	AFOSR67-0591
AUTOPROLYSIS CONSTANT OF ACETONITRILE	AFOSR66-1713
COMMENTS ON FRICTION CONSTANT FORMALISM	AFOSR67-2758
THE VANISHING OF A THETA CONSTANT IS A PECULIAR PHENOMENON	AFOSR67-2357
MEASUREMENT OF THE DAMPING CONSTANT /THE A-PARAMETER/ OF SEVERAL ELEMENTS IN SEVERAL HYDROGEN AND ACETYLENE-OXYGEN	AFOSR67-1036
FREQUENCY DEPENDENT FRICTION CONSTANT ANALYSIS OF DIFFUSION IN SIMPLE LIQUIDS	AFOSR66-1966
THE MEASUREMENTS OF THE SOLAR CONSTANT FROM HIGH ALTITUDE BALLOONS	AFCL68-0334
CORRECTIONS TO THE DIELECTRIC CONSTANT OF A DEGENERATE ELECTRON GAS	AFOSR67-0173
REMEASUREMENT OF THE CONVERSION CONSTANT LAMBDA	AFOSR66-2722
PRESSURE DEPENDENCE OF DIELECTRIC CONSTANT AND DENSITY OF LIQUIDS	AFOSR66-1075
ON STRUCTURAL PROPERTIES OF LINEAR CONSTANT MULTIVARIABLE SYSTEMS	AFOSR67-1376
EXACT COMPUTATION OF THE VAN DER WAALS CONSTANT FOR TWO HYDROGEN ATOMS	AFOSR66-2759
THE FREQUENCY DEPENDENCE OF THE DIELECTRIC CONSTANT AND CONDUCTIVITY OF ROCK AND ITS RELATION TO QUANTITIES OF ROCK	AFCL67-0362
MEASUREMENT OF THE CONDUCTIVITY AND DIELECTRIC CONSTANT OF A HOMOGENEOUS MEDIUM BY MEANS OF WAVE PROPAGATION	AFCL68-0440
SOLVENT EFFECTS ON THE BORON-FLUORINE COUPLING CONSTANT AND ON FLUORINE EXCHANGE IN THE TETRAFLUOROBORATE ANION	AFOSR66-1612
SPECIFIC HEAT RATIOS AND ENTROPIC EXPONENTS FOR CONSTANT -VOLUME COMBUSTION OF STOICHIOMETRIC MIXTURES OF HYDROGEN-	ARL 67-0017
NEW APPROXIMATION FOR SCREENED EXCHANGE AND THE DIELECTRIC CONSTANT OF METALS	AFOSR67-2425
SIDEWIS DISPERSSION RELATIONS AND THE AXIAL-VECTOR COUPLING CONSTANT	AFOSR67-1711
CALCULATION OF THE IMAGINARY PART OF THE COMPLEX DIELECTRIC CONSTANT OF COS	ARL 67-1249
DETERMINATION OF THE MEAN VALUES OF CONDUCTIVITY AND DIELECTRIC CONSTANT FROM THE FIELD STRUCTURE OF A MAGNETIC DIPOLE	AFCL67-0494
CONSTANT-PRESSURE	
CONSTANT-PRESSURE LAMINAR MIXING OF A SHEAR LAYER WITH A QUIESCENT FLUID	AFOSR66-1567

CONSTANTS

RAPE CONSTANTS FOR CHARGE EXCHANGE INVOLVING QUASITHERMAL IONS AND NITRIC OXIDE
 ELASTIC CONSTANTS OF A-ZNS
 OPTICAL CONSTANTS OF A MODEL SEMICONDUCTOR
 ELASTIC CONSTANTS OF SILVER CHLORIDE
 QUADRATIC CONSTANTS OF THE MOTION FOR THE CLASSICAL HARMONIC OSCILLATOR
 THERMAL TIME CONSTANTS OF GERMANIUM THERMOMETERS AT LIQUID HELIUM TEMPERATURES
 PIEZO-OPTICAL CONSTANTS DEFORMATION POTENTIALS AND THE ELECTRONIC STRUCTURE OF COPPER
 RELATIVE RATE CONSTANTS FOR ANODIC OXIDATIONS OF POTASSIUM ALKANE CARBOXYLATES
 APPROXIMATE FORCE CONSTANTS FOR TETRAEDRAL METAL CARBONYLS AND NITROSTYLS
 ACID-BASE INDICATOR CONSTANTS IN ACETONITRILE
 CALCULATION OF ELASTIC CONSTANTS OF SODIUM FLUORIDE
 RECALCULATION OF FORCE CONSTANTS IN CARBON AND SILICON COBALT TETRACARBONYLS
 VICINAL 1H-19F SCALING CONSTANTS
 VIBRATIONAL SPECTRA AND FORCE CONSTANTS OF ZINC TETRACYANATE ION ZINC TETRAISOTHIOCYANATE ION ZINC
 IMPORTANCE OF QUADRATIC FORCE CONSTANTS IN FERMI RESONANCE
 FUNCTIONAL INDEPENDENCE OF THERMAL CONSTANTS
 ON THE DETERMINATION OF ROTATIONAL CONSTANTS
 DETERMINING HIGH TEMPERATURE DEBYE CONSTANTS WITH THE AID OF X-RAY TECHNIQUES
 SYMMETRY OF MIXED THIRD ORDER ELASTIC CONSTANTS
 TEMPERATURE DEPENDENCE OF THE ELASTIC CONSTANTS OF RUBIDIUM
 TEMPERATURE-DEPENDENT HYPERFINE COUPLING CONSTANTS OF NH₂ PLUS IN FLUORIDES
 A BENT BOND MODEL FOR THE VIBRATIONAL FORCE CONSTANTS OF NON-PLANAR XY SUB-THREE MOLECULES
 A METHOD FOR TESTING AND IMPROVING MOLECULAR CONSTANTS OF DIATOMIC MOLECULES WITH SPECIAL REFERENCE TO BROMINE
 INVARIANT TRANSFORMATIONS AND NEWMAN-PENROSE CONSTANTS
 THE LONE-PAIR MODEL AND THE VIBRATIONAL FORCE CONSTANTS OF NITROGEN TRIFLUORIDE
 A CALCULATION OF THE COMESIVE ENERGY AND ELASTIC CONSTANTS OF MAGNESIUM OXIDE
 LEAST-SQUARES ADJUSTMENT OF ANHARMONIC POTENTIAL CONSTANTS APPLICATION TO CARBON DIOXIDE CONTAINING ISOTOPES 12 AND 13
 MILLIMETER- AND SUBMILLIMETER-WAVE SPECTRA AND MOLECULAR CONSTANTS OF SILVER CHLORIDE
 RELATION BETWEEN ISOTHERMAL AND MIXED THIRD-ORDER ELASTIC CONSTANTS
 EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC CONSTANTS OF SOME IONIC CRYSTALS
 EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC CONSTANTS OF SODIUM CHLORIDE
 PRECISION MEASUREMENT OF DIPOLE MOMENTS AND OTHER SPECTRAL CONSTANTS OF NORMAL AND DEUTERATED METHYL FLUORIDE AND
 ON THE PROBLEM OF MULTIPLE SOLUTIONS IN THE CALCULATION OF FORCE CONSTANTS BY LEAST-SQUARES
 THE EFFECT OF ORIENTATION OF DEGENERATE COORDINATES ON CORIOLIS COUPLING CONSTANTS
 THE MECHANISM OF THE DISPROPORTIONATION OF SULFINIC ACIDS RATE AND EQUILIBRIUM CONSTANTS FOR THE SULFINIC ACID-
 KORTWEG-DE VRIES EQUATION AND GENERALIZATIONS II EXISTENCE OF CONSERVATION LAWS AND CONSTANTS OF MOTION
 INHIBITION OF THE HYDROGEN OXYGEN REACTION BY PHYLENE PART II DISCUSSION AND EVALUATION OF VELOCITY CONSTANTS

ARL 68-0096
 AFCL67-0628
 AFOSR67-1448
 AFOSR67-1834
 AFOSR67-0116
 AFOSR68-0201
 AFOSR68-0723
 AFOSR68-2508
 AFOSR67-0233
 AFOSR67-1026
 AFOSR67-1021
 AFOSR68-1783
 AFOSR67-0689
 AFOSR67-2797
 AFOSR67-2048
 AFOSR68-2259
 AFOSR68-1675
 ARL 68-1104
 AFOSR67-1102
 AFOSR67-1368
 AFOSR68-1459
 AFOSR68-0185
 AFOSR68-0667
 ARL 68-0870
 AFOSR67-0641
 AFOSR67-1836
 AFOSR68-0207
 AFOSR67-0380
 AFOSR67-1100
 AFOSR67-1449
 AFOSR67-1833
 AFOSR67-0385
 AFOSR68-0896
 AFOSR68-2046
 AFOSR67-0075
 AFOSR68-2381
 AFOSR67-0986

CONSTITUENTS

STUDY OF ATMOSPHERIC CONSTITUENTS AND STRUCTURE BY MEASUREMENT OF TRANSMISSION AND ABSORPTION OF MILLIMETER WAVES OF
 ON RELATING THE BEHAVIOR OF A SYSTEM TO THE BEHAVIOR OF ITS CONSTITUENTS A THEORY OF CELLULAR DIFFERENTIATION AND THE
 DENSITY GRADIENT SEPARATION OF SARCOBUTULAR VESICLES AND OTHER PARTICULATE CONSTITUENTS OF RABBIT MUSCLE
 NUMBER DENSITY DETERMINATION IN THE ATMOSPHERE OF OSUB₂ HSUR₂O AND OSUB₂ GAS CONSTITUENTS BY USE OF A HIGH INTENSITY

AFCL67-0548
 AFOSR68-0217
 AFOSR68-1683
 AFOSR67-1801

CONSTITUTION

THEORETICAL CONSTITUTION OF SILICON CARRIDE
 THEORETICAL CONSTITUTION OF CRYSTALLINE SOLIDS
 THE PRESSURE FIELD AND THE INTERNAL CONSTITUTION OF THE EARTH

ARL 68-1403
 ARL 68-1422
 AFOSR68-1110

CONSTITUTIVE

CONSTITUTIVE EQUATIONS FOR DYNAMIC MATERIAL BEHAVIOR
 EQUIPRESENCE AND CONSTITUTIVE EQUATIONS FOR RIGID HEAT CONDUCTORS
 THE DEVELOPMENT OF A CONSTITUTIVE RELATION FOR NEOPRENE BALLOON FILM
 ON THE FORMULATION OF CONSTITUTIVE EQUATIONS FOR LIVING SOFT TISSUES
 ON THE USE OF SYMMETRY TO SIMPLIFY THE CONSTITUTIVE EQUATIONS OF ISOTROPIC MATERIALS WITH MEMORY

AFOSR67-2311
 AFOSR67-2163
 AFCL67-0673
 AFOSR67-2599
 AFOSR68-2667

CONSTRAINED

BUCKLING OF RADIALLY CONSTRAINED CIRCULAR RING UNDER DISTRIBUTED LOADING
 DYNAMIC BUCKLING OF A CIRCULAR RING CONSTRAINED IN A RIGID CIRCULAR SURFACE

AFOSR67-2508
 AFOSR67-1945

CONSTRAINT

NOTE ON THE GAUSSIAN CHANNEL WITH FEEDBACK AND A POWER CONSTRAINT
 AEROELASTIC STABILITY CHARACTERISTICS OF CYLINDRICAL SHELLS CONSIDERING IMPERFECTIONS AND EDGE CONSTRAINT

AFOSR68-1539
 AFOSR68-0382

CONSTRAINTS

LOW-ENERGY CONSTRAINTS ON PION PRODUCTION AMPLITUDES IN PI NUCLEON SCATTERING
 ANALYTICITY CONSTRAINTS ON UNFOLD-MASS REGGE FORMULAS
 ON THE STABILITY CONSTRAINTS AND OSCILLATORY BEHAVIOR OF COUPLED SYSTEMS
 LINEAR FILTERING WITH CONSTRAINTS
 ALTERNATE COEFFICIENTS CONSTRAINTS FOR STABILITY TEST
 LINEAR DISCRETE OPTIMAL SYSTEMS WITH SIDE CONSTRAINTS
 LINEAR OPTIMAL CONTROL PROBLEMS WITH ISOPERIMETRIC CONSTRAINTS
 OF-COUPLED MONOPULSE EXCITATIONS FOR MAXIMUM GAIN WITH ARBITRARY SIDELobe CONSTRAINTS

AFOSR68-0198
 AFOSR67-1195
 AFOSR67-2408
 AFOSR68-2031
 AFOSR68-2535
 AFOSR67-1777
 AFOSR67-1458
 AFCL67-0332

CONSTRICTED

ORIGIN OF CONSTRICTED MAGNETIZATION LOOPS IN HARD-ROLLED NICKEL AT LOW TEMPERATURES
 TRANSPARATION COOLING OF A CONSTRICTED ELECTRIC-ARC HEATER
 EXPERIMENTAL STUDY OF A TRANSPARATION-COOLED, CONSTRICTED ARC
 THEORETICAL AND EXPERIMENTAL STUDIES AT HIGH MASS FLOW RATES IN HIGH PRESSURE CONSTRICTED ARCS

AFOSR68-0166
 ARL 68-0339
 ARL 68-0023
 ARL 68-1490

CONSTRUCTING

ON CONSTRUCTING FORMAL INTEGRALS OF A HAMILTONIAN SYSTEM NEAR AN EQUILIBRIUM POINT
 AN ALGORITHM FOR CONSTRUCTING IRREDUCIBLE REALIZATION OF TIME INVARIANT SYSTEMS

AFOSR67-0136
 AFOSR68-1351

CONSTRUCTION

CONSTRUCTION OF STEADY-STATE HYDROMAGNETIC DYNAMOS I SPATIALLY PERIODIC FIELDS
 CONSTRUCTION OF STEADY STATE HYDROMAGNETIC DYNAMOS II THE SPHERICAL CONDUCTOR
 CONSTRUCTION OF SLIDED DISKS FOR MECHANICAL VELOCITY SELECTORS USING ELECTRIC DISCHARGE MACHINING
 THE CONSTRUCTION OF RESONANCE CURVES FOR DAMPED NONLINEAR SYSTEMS
 ON THE CONSTRUCTION OF IRREDUCIBLE REALIZATIONS
 NOISE FORWARDING CONSTRUCTION OF NONLINEAR RELATIVISTIC QUANTUM FIELD: I THE HAMILTONIAN IN TWO SPACE-TIME DIMENSIONS
 RESEARCH IN THE DESIGN DEVELOPMENT AND CONSTRUCTION OF NON-MAGNETIC SENSORS FOR MAGNETIC FIELD-CHARGED PARTICLE
 ON OBTAINING THE TIME RESPONSE FROM THE EXTENDED LINDARD CONSTRUCTION
 DYNAMICS AND VIBRATIONS OF HOMOGENEOUS AND LAYERED PLATES AND SHELLS INCLUDING THOSE OF SANDWICH CONSTRUCTION FINAL

AFOSR67-0124
 AFOSR67-0976
 AFOSR67-2204
 AFOSR68-1242
 AFOSR68-0234
 AFOSR68-1386
 AFCL68-0585
 AFOSR68-2322
 AFOSR67-2368

CONTACT

CLASSICAL MECHANICS AND CONTACT TRANSFORMATIONS
NON-LINEAR TRANSPORT PHENOMENA AND CONTACT PROBLEMS IN I-VI COMPOUNDS
WAVES IN A SEMI-INFINITE PLATE IN SMOOTH CONTACT WITH A HARMONICALLY DISTURBED HALF-SPACE
PHOTOELASTIC COATING TECHNOLOGY APPLIED TO CONTACT PROBLEMS
TRANSIENT TEMPERATURE DISTRIBUTION OF AN IDEALIZED CONTACT SPOT
DIFFUSION CONCENTRATION DISTRIBUTION NEAR AN IDEALIZED CONTACT SPOT, FINAL REPORT NOV 1967
DIFFUSION CONCENTRATION DISTRIBUTION NEAR AN IDEALIZED CONTACT SPOT
DIFFUSION MEASUREMENTS INVOLVING DISCONTINUOUS INTERFACIAL CONTACT
RECENT RESEARCH AT HIS INSTITUTE DEALING WITH ELECTRICAL MEASUREMENTS AND CONTACT PROPERTIES OF II-VI COMPOUNDS

ARL 66-1877
ARL 67-1309
AFOSR66-2255
ARL 67-1224
ARL 66-1215
ARL 67-0216
ARL 66-0162
ARL 67-0076
ARL 67-1295

CONTACTS

PROXIMITY EFFECT IN SUPERCONDUCTING CONTACTS BY ELECTRON TUNNELLING

AFOSR67-1732

CONTAINER

LIQUID MOTION IN A CIRCULAR CYLINDRICAL CONTAINER WITH A FLEXIBLE BOTTOM
EQUILIBRIUM DISTRIBUTION OF RECTILINEAR VORTICES IN A ROTATING CONTAINER

AFOSR66-0221
AFOSR67-0579

CONTAINING

CAVITY FLOWS CONTAINING STATIONARY CORPS
A BOREL SET NOT CONTAINING A GRAPH 1968
TRANSITION-METAL COMPLEXES CONTAINING NITROGEN PHOSPHORUS OR SULFUR
MINIEMULSION OF BOOLEAN FUNCTIONS CONTAINING ARBITRARY PARAMETERS
DETONATION STUDIES IN GASEOUS NON-CARBON CONTAINING SYSTEMS
STRENGTHENING OF SAPPHIRE BY PRECIPITATES CONTAINING TITANIUM
OCCURRENCE AND SOME PROPERTIES OF DOPAMINE CONTAINING GRANULES IN THE SHEEP ADRENAL
ON THE FLEXURE OF AN INFINITE ELASTIC PLATE CONTAINING A LARGE UNSTRESSED CIRCULAR HOLE
SURFACE RECOMBINATION EFFICIENCIES IN FLOWS CONTAINING STEP-FUNCTION INCREASES IN ATOMIC OXYGEN FINAL REPORT MARCH
ON THE NATURE OF CHARGE-CARRIERS IN LIQUID SILENIUM CONTAINING CHLORINE
RESISTIVITY OF THE AD TRANSITION SERIES RU-RH-PD-AG CONTAINING PE
OFF-ENERGY-SHELL T-MATRIX ELEMENTS FOR LOCAL POTENTIALS CONTAINING HARD CORES
METAL ANALYSIS BY GAS CHROMATOGRAPHY USING FLUOROCARBON- CONTAINING BETA-DIKETONATE CHELATES
MICROSCOPIC THEORY OF LATTICE RAMAN SCATTERING IN CRYSTAL CONTAINING IMPURITIES
THE ROTATION-TRANSLATION-COUPLING EFFECT IN NOBLE-GAS CRYSTALS CONTAINING MOLECULAR IMPURITIES
THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL II/ CYANIDE COMPLEX CONTAINING THE TETRADENTATE LIGAND TRIS(2-
CONFORMATIONAL ENERGIES AND CONFIGURATIONAL STATISTICS OF COPOLYPEPTIDES CONTAINING L-PROLINE
PRELIMINARY ANALYTICAL EXPLORATIONS OF HEAT TRANSFER FROM BOUNDARY LAYERS CONTAINING STREAMWISE VORTICES, FINAL REPORT
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVII CYCLIZATION OF COMPOUNDS CONTAINING PHENYL AND CONJUGATED
ORGANOSULFUR DERIVATIVES OF THE METAL CARBOXYLS X SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH
ORGANOSULFUR DERIVATIVES OF THE METAL CARBOXYLS IX SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH PI-CYCLOPENTA-
PREPARATION AND STRUCTURE OF χ -SUBSTITUTED α -CYANOSUBSTITUTED SURSES/ AN ORGANOMETALLIC COMPLEX CONTAINING A TETRAHEDRAL-LIKE
LEAST-SQUARES ADJUSTMENT OF ANHARMONIC POTENTIAL CONSTANTS APPLICATION TO CARBON DIOXIDE CONTAINING ISOTOPES 12 AND 13
ORGANOMETALLIC SULFUR COMPLEXES IX STRUCTURE OF A HEXANUCLEAR COBALT CARBOXYL SULFUR COMPLEX CONTAINING A

ARL 67-1048
AFOSR66-2002
AFOSR66-0343
AFOSR67-1891
ARL 66-1076
AFOSR67-1454
AFOSR66-1736
AFOSR66-0816
AFOSR66-0893
AFOSR67-1311
AFOSR66-1111
AFOSR66-2273
ARL 66-1076
ARL 66-1414
AFOSR67-0641
AFOSR67-2172
AFOSR66-1466
ARL 67-0280
AFOSR66-0280
AFOSR66-0691
AFOSR67-0990
AFOSR67-1890
AFOSR66-0207
AFOSR67-2191

CONTAINMENT

PLASMA CONTAINMENT IN A MINIMUM-B GEOMETRY
ELECTROSTATIC PLASMA CONTAINMENT
EXPERIMENTS ON THE INJECTION AND CONTAINMENT OF ELECTRON CLOUDS IN A TOROIDAL APPARATUS

AFOSR66-0140
ARL 66-1101
AFOSR66-1939

CONTAMINATION

A SIMPLE DEVICE FOR SAMPLING GASES WITHOUT AIR CONTAMINATION

AFOSR67-2765

CONTENT

CONTENT ANALYSIS OF DOCUMENTARY AND BIOGRAPHIC MATERIALS METHODOLOGY
THE USE OF CONTENT ANALYSIS FOR EXPLANATORY STUDIES
TOTAL ELECTRON CONTENT MEASUREMENTS AT HIGH LATITUDES FINAL REPORT JAN 1967
NORADRENALINE AND DOPAMINE CONTENT OF NORMAL DECENTRALIZED AND DENERVATED PINEAL GLAND OF THE RAT
CENTRAL CONTROL OF NORADRENALINE CONTENT IN RAT PINEAL AND SUBMAXILLARY GLANDS
INCOHERENT BACKSCATTER STUDY OF ELECTRON CONTENT AND EQUIVALENT SLAB THICKNESS
DAILY AND SEASONAL VARIATION OF THE TOTAL ELECTRON CONTENT OF THE IONOSPHERE OVER TORTOSA
THE TROUGH SEEN IN HIGH LATITUDE OBSERVATIONS OF THE IONOSPHERIC ELECTRON CONTENT

AFOSR67-2619
AFOSR67-2096
AFOSR67-0386
AFOSR67-1105
AFOSR67-1104
AFOSR66-1125
AFOSR67-0662
AFOSR67-0175

CONTEXT

SCATTERED CONTEXT GRAMMARS
THE EFFECTS OF CONTEXT AND OF Raters ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP
THE EFFECTS OF CONTEXT AND OF Raters ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP
THE EQUIVALENCE OF CONTEXT LIMITED GRAMMARS TO CONTEXT FREE GRAMMARS
A GENERALIZATION OF CONTEXT FREE DETERMINISM
PARTIAL ALGORITHMS PROBLEMS FOR CONTEXT FREE LANGUAGES
THE EQUIVALENCE OF CONTEXT LIMITED GRAMMARS TO CONTEXT FREE GRAMMARS
A MATHEMATICAL MODEL FOR THE PERCEPTION OF TONES IN CONTEXT
A MATHEMATICAL MODEL FOR THE PERCEPTION OF TONES IN CONTEXT PART II

AFOSR66-0199
AFOSR67-0073
AFOSR67-1403
AFOSR67-0636
AFOSR67-0077
AFOSR67-0024
AFOSR67-0434
AFOSR67-0415
AFOSR67-1489

CONTEXT-FREE

AN EFFICIENT CONTEXT-FREE PARSING ALGORITHM

AFOSR66-2105

CONTINGENT

HUMAN PERFORMANCE IN CONTINGENT INFORMATION PROCESSING TASKS

AFOSR67-1801

CONTINENTAL

CRUSTAL STUDY OF A CONTINENTAL STRIP FROM THE ATLANTIC OCEAN TO THE ROCKY MOUNTAINS

AFOSR67-0316

CONTINGENCY

CONTINGENCY TABLES WITH GIVEN MARGINALS
INTERACTION IN MULTIDIMENSIONAL CONTINGENCY TABLES AN INFORMATION THEORETIC APPROACH

AFOSR66-1427
AFOSR66-2703

CONTINUOUS

MASKING-LEVEL DIFFERENCES WITH CONTINUOUS AND WITH BURST MASKING NOISE

AFOSR67-1498

CONTINUA

VISIBLE CONTINUA IN KRYPTON AND NEON
A NEW FINITE ELEMENT MODEL FOR SOLID CONTINUA
THIN RODS AND SHELLS VIEWED AS COSSERAT CONTINUA
LEARNING THEORY FOR STIMULUS AND RESPONSE CONTINUA FINAL REPORT JUNE 1967

AFOSR67-2259
AFOSR66-1860
AFOSR66-1802
AFOSR67-1484

CONTINUA

- CONTINUED

RESEARCH ON TRANSPORT AND TRANSFORMATION IN CONTINUA FINAL REPORT DEC 1966	AFOSR67-0401
STATISTICAL-EQUILIBRIUM MODEL ATMOSPHERES FOR EARLY-TYPE STARS I HYDROGEN CONTINUA	AFOSR67-1962
STATISTICAL EQUILIBRIUM MODEL ATMOSPHERES FOR EARLY-TYPE STARS III HYDROGEN AND HELIUM CONTINUA	AFOSR68-1064
CONTINUATION	
CONTINUATION OF BASIC RESEARCH IN CRUSTAL STUDIES FINAL REPORT JULY 1967	AFOSR67-1981
ANALYTIC CONTINUATION AND GLOBAL THEOREMS IN GENERAL RELATIVITY	AFOSR67-0147
ANALYTIC CONTINUATION OF THE OFF-ENERGY-SHELL SCATTERING AMPLITUDE	AFOSR67-2146
ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL COMPLEX VARIABLES	AFOSR67-2759
A LIMDELOF THEOREM AND ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL VARIABLES WITH AN APPLICATION TO THE FEYNMAN	AFOSR68-2826
CONTINUED	
CONTINUED FRACTIONS AND UPPER AND LOWER BOUNDS IN THE BRILLOUIN WIGNER PERTURBATION SCHEME	AFOSR68-1817
INVESTIGATION AND CONTINUED DEVELOPMENT OF THE IDEALAS FOURIER TRANSFORM ANALOG COMPUTER FINAL REPORT JUN 1967	AFOSR67-0398
ON TRUNCATION ERRORS FOR CONTINUED FRACTION COMPUTATIONS	AFOSR67-0367
ON THE LAW OF THE ITERATED LOGARITHM FOR CONTINUED FRACTIONS	AFOSR67-1322
CONTINUITY	
CONTINUITY OF METRIC PROJECTIONS	AFOSR68-2781
THE SPINNING MATERIAL DERIVATIVE AND THE CONTINUITY EQUATION	AFOSR68-1703
CONTINUOUS	
CONTINUOUS FAMILIES OF CURVES	AFOSR67-0704
CONTINUOUS MICROWAVE EMISSION FROM INDIUM ANTIMONIDE	AFOSR67-0818
CONTINUOUS GAS MIXING BY THE USE OF CRITICAL FLOW THROUGH SMALL DIAMETER TUBES	AFOSR67-1020
USE OF A CONTINUOUS SOURCE OF EXCITATION AN ARGON-HYDROGEN- AIR FLAME AND AN EXTENDED FLAME CELL FOR ATOMIC ABSORPTION	AFOSR67-1305
A CLASS OF CONTINUOUS CONVEX PROGRAMMING PROBLEMS	ARL 68-0347
SOME REMARKS ON CONTINUOUS ADDITIVE FUNCTIONALS	AFOSR68-0411
COMPARISON OF LINE AND CONTINUOUS SOURCES IN ATOMIC ABSORPTION SPECTROPHOTOMETRY	AFOSR67-1301
THE METALLOGRAPHIC STRUCTURE OF CONTINUOUS VAPOR DEPOSITED SiC FILAMENTS	ARL 68-0164
STUDIES OF THE PECULIAR A STARS V CONTINUOUS ENERGY DISTRIBUTIONS	AFOSR68-0990
INTRIOR ELASTIC STRESS FIELD IN A CONTINUOUS CLOSE-PACKED FILAMENTARY COMPOSITE MATERIAL UNDER UNIAXIAL TENSION	AFOSR68-1096
ON THE PROBLEM OF HEAT CONDUCTION IN A CONTINUOUS CYLINDER FINAL REPORT APRIL 1967	ARL 67-0668
RESEARCH ON STRUCTURE CHARACTERIZATION OF CONTINUOUS FILAMENTS MATERIALS	ARL 67-0290
DECOMPOSITION THEOREM FOR BOUNDED UNIFORMLY CONTINUOUS FUNCTIONS ON A GROUP	AFOSR67-0263
PRECISE DETERMINATION OF GEODETIC POSITIONS BY THE METHOD OF CONTINUOUS TRACES FINAL REPORT	AFOSR67-0558
MATRIX ELEMENTS OF REPRESENTATIONS OF NON-COMPACT GROUPS IN A CONTINUOUS BASIS	AFOSR68-1182
ON THE COEFFICIENTS OF A WIENER CANONICAL EXPANSION FOR THE LIKELIHOOD FUNCTION OF A CONTINUOUS MARTINGALE	AFOSR67-1555
CONTINUOUS-TIME	
OPTIMAL CONTROL OF CONTINUOUS-TIME STOCHASTIC SYSTEMS	AFOSR67-0424
CONTINUOUS-WAVE	
CONTINUOUS-WAVE THREE-COMPONENT SONIC ANEMOMETER FINAL REPORT MAR 1968	AFOSR68-0160
CONTINUOUSLY	
THE FIELD FROM AN SH POINT SOURCE IN A CONTINUOUSLY LAYERED INHOMOGENEOUS HALF-SPACE II THE FIELD IN A HALF-SPACE	AFOSR67-0875
RECENT STUDIES OF MOLECULAR BEAM SCATTERING FROM CONTINUOUSLY DEPOSITED GOLD FILMS	AFOSR68-2219
THE EFFECT OF A UNIFORMLY DISTRIBUTED LATERAL LOAD UPON THE BUCKLING OF A CONTINUOUSLY SUPPORTED BEAM	AFOSR67-1398
CONTINUUM	
CONTINUUM RADIATION IN AN ARGON POSITIVE COLUMN	AFOSR67-0478
NON-LINEAR CONTINUUM MECHANICS AND FLOW PROPERTIES OF NON- NEWTONIAN FLUIDS FINAL REPORT AUG 1968	AFOSR68-1848
A SOURCE FLOW MODEL FOR CONTINUUM GAS-PARTICLE FLOW	AFOSR68-0615
BIOMECHANICS ITS SCOPE HISTORY AND SOME PROBLEMS OF CONTINUUM MECHANICS IN PHYSIOLOGY	AFOSR68-0993
THE FLOW UPSTREAM OF A BLUNT BODY IN HYPERSONIC FLOW FROM CONTINUUM TO NEARLY FREE MOLECULE CONDITIONS	ARL 68-1109
CONTOUR	
CONTOUR DESCRIPTOR PROPERTIES OF VISUAL SHAPE FINAL REPORT SEPT 1967	AFOSR67-0825
CONTOUR DISTORTIONS IN RELATIVISTIC THREE-PARTICLE SCATTERING EQUATIONS	AFOSR67-2738
PLASMA DENSITY CONTOUR MEASUREMENTS USING MOLECULAR ION BEAM BREAKUP	AFOSR67-2211
PRELIMINARY DEPTH CONTOUR MAPS FOR THE CONRAD AND MOMO DISCONTINUITIES IN EUROPE	AFOSR67-0492
SUFFICIENCY PROOFS FOR THE PROBLEM OF THE OPTIMUM TRANSVERSAL CONTOUR	AFOSR67-1606
CONTOUR-DISTORTION	
EXTENSION OF THE CONTOUR-DISTORTION METHOD IN RELATIVISTIC THREE-PARTICLE SCATTERING	AFOSR68-2272
CONTOUR-LINE	
A MATHEMATICAL MODEL FOR THE ANALYSIS OF CONTOUR-LINE DATA	AFOSR68-1391
CONTOUR-MAP	
COMPUTER STORAGE OF CONTOUR-MAP DATA	AFOSR68-2577
CONTOURS	
DENSITY CONTOURS AND DENSITY FLUCTUATION MEASUREMENTS OF AN ENERGETIC HELIUM ARC	AFOSR68-0480
RESEARCH DIRECTED TOWARDS THE STUDY OF FAR INFRARED ABSORPTION CONTOURS FINAL REPORT JULY 1967	AFOSR67-0482
CONTRACTILE	
OSCILLATORY CONTRACTILE MECHANISM OF INSECT FLIGHT MUSCLE	AFOSR67-2253
MECHANOCHEMISTRY OF COUPLED CONTRACTILE AND CHEMICAL RATE PROCESSES FINAL REPORT DEC 1967	AFOSR68-0797
CONTRACTION	
MUTUALLY RECIPROCAL CONTRACTION AND EXPANSION OF CERTAIN LIE ALGEBRAS	AFOSR67-0550
ON SURFACES WHICH SURVIVE CONTRACTION	AFOSR68-0764
HEAT PRODUCTION IN A CARDIAC CONTRACTION	AFOSR68-1692
SYSTEM IDENTIFICATION AND THE PRINCIPLE OF RANDOM CONTRACTION MAPPING	AFOSR68-1796
ENERGETICS OF MUSCLE ACTIVITY IN RELATION TO THE MOLECULAR PHYSIOLOGY OF THE CONTRACTION PROCESS FINAL REPORT DEC 1966	AFOSR68-1635
CONTRACTIONS	
ENERGETICS OF CARDIAC CONTRACTIONS	AFOSR68-1717

CONTRACTORS

TENTH AFOSR CONTRACTORS MEETING ON ION AND PLASMA PROPULSION RESEARCH SAN DIEGO CALIFORNIA 3-5 APRIL 1967 ABSTRACTS
AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH 3RD COCOA BEACH FLORIDA 27-30 JUN 1967 COMPILATION
ELEVENTH AFOSR CONTRACTORS MEETING ON NON-CHEMICAL ENERGY
COMPILATION OF ABSTRACTS-4TH AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH

AFOSR67-0894
AFOSR67-0291
AFOSR68-1377
AFOSR67-2530

CONTRACTS

USE OF POINT CONTRACTS TO OBTAIN DIRECT EVIDENCE OF FLUX MOTION IN SUPERCONDUCTORS

AFOSR67-1770

CONTRAST

SENSORY CONTRAST EFFECTS IN THE JUDGMENT OF LIFTED WEIGHTS
DIFFRACTION CONTRAST FROM NON-SPHERICAL DISTORTIONS - - IN PARTICULAR A CUBOIDAL INCLUSION
PHOTOGRAPHIC RECORDINGS WITH ENHANCED CONTRAST USING THE STORAGE IMAGE AMPLIFIER, AND APPLICATIONS IN RESEARCH FINAL
FACILITATION OF CONCEPT LEARNING BY A SIMULTANEOUS CONTRAST PROCEDURE

AFOSR67-0260
AFOSR67-2794
ARL 68-0100
AFOSR68-0862

CONTRIBUTION

CONTRIBUTION TO THE Mn-O PHASE DIAGRAM AT HIGH TEMPERATURE
CONTRIBUTION TO THE KNOWLEDGE OF MAGNETIC BALANCE AND SUSPENSION SYSTEMS
A CONTRIBUTION TO THE ELECTROMAGNETIC THEORY OF THE UNMYELINATED AXON
A CONTRIBUTION TO THE SIGNAL-DESIGN PROBLEM FOR INCOHERENT PHASE COMMUNICATION SYSTEMS
ANHARMONIC CONTRIBUTION TO THE GRUNEIRSH PARAMETERS OF SOLID ARGON KRYPTON AND XENON
MODEL-INDEPENDENT CONTRIBUTION IN PROTON-PROTON BREMSSTRAHLUNG
THE ONE PION EXCHANGE CONTRIBUTION TO THE WEAK PARITY VIOLATING NUCLEON-NUCLEON POTENTIAL
THE SPIN POLARIZED HARTREE-FOCK METHOD AND THE CONTRIBUTION OF CORE POLARIZATION TO HYPERFINE FIELDS OF 4D IONS
A HISTORY OF INTENSE MAGNETIC FIELDS AND THEIR CONTRIBUTION TO PHYSICS

ARL 67-0144
ARL 67-0283
AFOSR68-1647
AFOSR68-2380
AFOSR67-1631
AFOSR67-2677
AFOSR68-0549
AFOSR67-1162
AFOSR68-1090

CONTRIBUTIONS

CONTRIBUTIONS TO DOEBLINS THEORY OF MARKOV PROCESSES
CONTRIBUTIONS TO MATHEMATICAL MATHEMATICS
CONTRIBUTIONS TO A PROBLEM OF D VAN DANTZIG
CONTRIBUTIONS TO THE THEORY OF NUMERICAL SIMULATION
ANHARMONIC CONTRIBUTIONS TO THE MELHOLTZ FREE ENERGY OF A SIMPLE CRYSTAL MODEL HIGH-TEMPERATURE LIMIT AND ZERO-POINT
DIRECT AND CORE-POLARIZATION CONTRIBUTIONS TO THE KNIGHT SHIFT IN METALLIC ALUMINUM
DECISION PROCESSES IN RETRIEVAL FROM MEMORY COMMENT ON THE CONTRIBUTIONS OF LLOYD R PETERSON AND CHARLES N COPEL

AFOSR67-1888
AFOSR67-2490
AFOSR68-1762
AFOSR68-2612
AFOSR68-0093
AFOSR67-0427
AFOSR67-2232

CONTROL

CONTROL SETS ON GRAMMARS
CONTROL OF A DISTRIBUTED PARAMETER SYSTEM WITH A FREE BOUNDARY
CONTROL OF LINEAR TIME DELAY SYSTEMS WITH ESSENTIALLY LINEAR COST FUNCTIONALS
CONTROL OF VENTRICULAR FIBRILLATION DURING INDUCED HYPOTHERMIA IN CATS AFTER DIFFERENTIAL DEPLETION OF CARDIAC
THE CONTROL OF LEARNING IN SMALL SUBSYSTEMS OF A PROGRAMMED EDUCATIONAL SYSTEM
THE CONTROL OF CIRCADIAN ACTIVITY IN COCKROACHES
THE CONTROL OF EUTECTIC MICROSTRUCTURES
FLIGHT CONTROL SYSTEMS AND LAUNCHING TECHNIQUES FOR AIR BALLAST SYSTEMS
ON THE CONTROL OF STOCHASTIC SYSTEMS
REMOTE CONTROL VISCOMETER
OPTIMAL CONTROL OF DISCRETE-TIME STOCHASTIC SYSTEMS
OPTIMAL CONTROL PROBLEMS AS EXTREMAL PROBLEMS IN A BANACH SPACE
OPTIMAL CONTROL OF CONTINUOUS-TIME STOCHASTIC SYSTEMS
CENTRAL CONTROL OF NORADRENALINE CONTENT IN RAT PINEAL AND SUBHYPHARYLLARY GLANDS
NERVOUS CONTROL OF FLASHING IN THE FIREFLY LUCIFERA ITALICA L
ADAPTIVE CONTROL OF UNKNOWN TIME VARIABLE SYSTEMS
AUTOMATIC CONTROL SYSTEMS FOR LEGGED LOCOMOTION MACHINES
SUB-OPTIMAL CONTROL OF NON-LINEAR SINGLE INPUT SYSTEMS
DUALITY FOR CONTROL PROBLEMS
STUDY OF THE CONTROL OF ELECTROMAGNETIC RADIATION FROM AIRCRAFT AND SPACE VEHICLES FINAL REPORT MAR 1968
FEEDBACK AND CONTROL SYSTEMS IN SPATIALLY-ORIENTED BEHAVIOR FINAL REPORT SEPT 1967
FACTORS THAT CONTROL 1 3-ASYMMETRIC INDUCTION AND INTRAMOLECULARITY IN BASE-CATALYZED 1 3-PROTON TRANSFER IN AN INDENE
FINITE STATE CONTROL OF QUADRUPEL LOCOMOTION
PLASMA DENSITY CONTROL WITH ELECTRIC FIELDS /U/
CUMULATIVE SUM CONTROL CHARTS AND THE WEIBULL DISTRIBUTION
LINEAR OPTIMAL CONTROL PROBLEMS WITH ISOPERIMETRIC CONSTRAINTS
ON FINAL VALUE CONTROL
OPTIMAL BOUNDED CONTROL WITH LINEAR STOCHASTIC EQUATIONS AND QUADRATIC COST
ON THE FEEDBACK CONTROL OF DISTRIBUTED PARAMETER SYSTEMS
OPTIMUM SYSTEMS CONTROL
OPTIMAL STATIONARY CONTROL OF A LINEAR SYSTEM WITH STATE-DEPENDENT NOISE
DESIGN OF ADAPTIVE CONTROL SYSTEMS THROUGH UTILIZATION OF SENSITIVITY CONCEPTS
RESEARCH IN MODERN CONTROL THEORY FINAL REPORT JUNE 1968
OPTIMUM FILTERING AND CONTROL OF RANDOMLY SAMPLED SYSTEMS
TIME OPTIMAL ATTITUDE CONTROL OF A SPINNING VEHICLE FINAL REPORT MAR 1967
MATHEMATICAL THEORY OF CONTROL PROCEEDINGS, UNIV SOUTHERN CALIFORNIA LOS ANGELES, JANUARY30-FEBRUARY 1, 1967 459P NEW
FOUNDATIONS OF OPTIMAL CONTROL THEORY
VOLUNTARISM AND SOCIAL CONTROL
DISCRETE LINEAR OPTIMAL CONTROL SYSTEMS WITH ESSENTIALLY QUADRATIC COST FUNCTIONALS
ACQUISITION OF HIERARCHICAL CONTROL OVER THE TEMPORAL ORGANIZATION OF A SKILL
GAGING PERFORMANCE COSTS OF CONTROL LOOP HARDWARE
DAMAGE MECHANISMS IN THERMAL CONTROL COATING SYSTEMS FINAL REPORT SEPT 1967
NONPLANAR CYCLOBUTANE STERIC CONTROL IN DEAMINATION OF CIS AND TRANS-3-ISOPROPYLCYCLOBUTYLAMINE
A NEW APPROACH TO STOCHASTIC CONTROL
OPTIMAL DISCOUNTED STOCHASTIC CONTROL FOR DIFFUSION PROCESSES
A HYBRID DATA ACQUISITION AND CONTROL SYSTEM FOR A HYPERSONIC WIND TUNNEL COMPLEX
CONVEY PROGRAMMING AND OPTIMAL CONTROL
ON OBSERVERS IN MULTI-VARIABLE CONTROL SYSTEMS
FUNCTIONAL ANALYTIC ASPECTS OF CONTROL THEORY
STABILITY ANALYSIS OF PREDICTIVE CONTROL SYSTEMS
SIMPLE CIRCUIT FOR HERMES GLOVER CONTROL
THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED PARAMETER SYSTEMS -I
THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED PARAMETER SYSTEMS-II
A NONLINEAR MODEL FOR BLOOD SUGAR CONTROL IN THE HUMAN BODY
COMPUTATIONAL ALGORITHMS IN OPTIMAL CONTROL
CALCULUS OF SET VALUED FUNCTIONS AND CONTROL
SIGNAL ANALYSIS METHODS FOR ADAPTIVE CONTROL SYSTEMS
DISCRETE SYSTEMS AND DIGITAL COMPUTER CONTROL
DISCRETIZATION SCHEMES AND THE OPTIMAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS
ON A NEW COMPUTING TECHNIQUE IN OPTIMAL CONTROL THEORY AND THE MAXIMUM PRINCIPLE
AN APPROXIMATION TECHNIQUE FOR SINGULAR CONTROL PROBLEMS FINAL REPORT DEC 1967
DISCONTINUOUS VECTOR FIELDS AND FEEDBACK CONTROL
HIGH-CURRENT TRIODE WITH NONINTERCEPTING CONTROL ELECTRODE
AN INVESTIGATION OF THREE-DIMENSIONAL JET CONTROL INTERACTION ON A CONICAL BODY
SOME EXISTENCE THEOREMS FOR LINEAR OPTIMAL CONTROL PROBLEMS
ASYNCHRONOUS FINITE STATE MODELS OF MANUAL CONTROL SYSTEMS

AFCL67-0537
AFOSR68-0215
AFOSR68-0308
AFOSR68-1015
AFOSR67-2722
AFOSR68-2174
AFOSR68-2721
AFCL67-0679
AFOSR68-0814
AFOSR68-1690
AFOSR67-0366
AFOSR67-0377
AFOSR67-0424
AFOSR67-1104
AFOSR68-2717
AFOSR68-0805
AFOSR68-1340
AFOSR68-2348
ARL 68-0276
AFCL68-0208
AFOSR67-2213
AFOSR68-0434
AFOSR68-1320
AFCL68-0192
AFOSR67-0682
AFOSR67-1488
AFOSR68-1680
AFOSR67-0327
AFOSR67-0442
AFOSR68-2232
AFOSR67-2299
AFOSR68-0095
AFOSR68-1999
AFOSR68-0755
ARL 67-0004
AFOSR67-2444
AFOSR68-0068
AFOSR68-2302
AFOSR67-0296
AFOSR67-1837
AFOSR68-2784
AFCL 67-0294
AFOSR67-2391
AFOSR68-2021
AFOSR68-0160
ARL 68-1385
AFOSR68-0300
AFOSR68-2849
ARL 68-1205
AFOSR67-1339
AFOSR68-0019
AFOSR68-0533
AFOSR68-0544
ARL 67-1031
AFOSR67-1670
AFOSR68-1831
AFOSR68-2804
AFOSR67-1863
AFOSR68-2030
AFOSR68-0919
ARL 68-0003
AFOSR67-1926
AFOSR68-1230
ARL 68-1115
AFOSR67-2426
AFOSR68-0486

CONTROL

- CONTINUED

AN APPROXIMATION TO BOUNDED PHASE COORDINATE CONTROL PROBLEM FOR LINEAR DISCRETE SYSTEMS
 AN EMBEDDING OF SOME VARYING COMMAND AND CONTROL PRINCIPLES
 SIMPLE GYRO REGULATOR FOR ON-OFF THERMOSTATIC CONTROL
 VASOPRESSIN ITS BIOASSAY AND THE PHYSIOLOGICAL CONTROL OF ITS RELEASE
 A REMARK ON THE BANG-BANG PRINCIPLE FOR LINEAR CONTROL SYSTEMS IN INFINITE-DIMENSIONAL SPACE
 ITERATIVE COMPUTATION PROCEDURES FOR AN OPTIMUM CONTROL PROBLEM
 USE OF SYNTHETIC POLYPEPTIDES IN STUDIES ON THE CONTROL OF ANTIBODY FORMATION
 APPLICATIONS OF A METHOD FOR ON LINE ESTIMATION AND CONTROL
 ANALYSIS AND SYNTHESIS OF DISCRETE-TIME SYSTEMS WITH CONTROL SIGNALS OF VARIABLE AMPLITUDE AND PULSE-WIDTH
 A FAST MECHANICAL BEAM STOP AND OTHER AUXILIARY BEAM CONTROL EQUIPMENT
 SUBSONIC OSCILLATORY OR STEADY AIRFLUIDS ON WINGS WITH CONTROL SURFACES AND OTHER DISCONTINUITIES
 DECOUPLING IN THE DESIGN AND SYNTHESIS OF MULTIVARIABLE CONTROL SYSTEMS
 OPTIMUM SAMPLING FOR MINIMUM ENERGY SAMPLED DATA FEEDBACK CONTROL SYSTEMS
 A FINITE STATE APPROACH TO THE SYNTHESIS OF ALGEBRAIC CONTROL SYSTEMS
 PERSISTENCY THEOREMS FOR MULTIDIMENSIONAL PROBLEMS OF OPTIMAL CONTROL
 MATHEMATICS IN SCIENCE AND ENGINEERING STOCHASTIC STABILITY AND CONTROL
 DEVELOPMENT FABRICATION ASSEMBLY AND TESTING OF BIAXIAL POINTING CONTROL AND ASSOCIATED TELEMETRY SYSTEMS FINAL
 STABILITY CONDITIONS FOR A MIXED DISTRIBUTED AND LUMPED PARAMETER CONTROL SYSTEM
 PERIODIC SOLUTIONS OF DIFFERENTIAL-DIFFERENCE EQUATIONS WITH RELAY CONTROL
 PROVIDE PAYLOAD FOR AEROSPACE ROCKET REFURBISH AND TEST A LUNAR POINTING CONTROL AND TELEMETRY SYSTEM FINAL REPORT NOV
 BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DISCRETE CONTROL SYSTEMS
 AN INVESTIGATION OF A VARIABLE WAVEGUIDE COUPLER WITH 360 DEGREES OF PHASE CONTROL
 ON THE COMPARISON OF THE SENSITIVITIES OF OPEN-LOOP AND CLOSED-LOOP OPTIMAL CONTROL SYSTEMS
 SOME PROCEDURES FOR SELECTION OF MULTIVARIATE NORMAL POPULATIONS BETTER THAN A CONTROL
 A STUDY OF FUNDAMENTAL FACTORS PERTINENT TO MICROBIOLOGICAL WASTE CONVERSION IN CONTROL OF ISOLATED ENVIRONMENTS FINAL
 EXISTENCE THEOREMS FOR LAGRANGE AND PONTRYAGIN PROBLEMS OF THE CALCULUS OF VARIATIONS AND OPTIMAL CONTROL MORE

AFOSR67-1467
 AFOSR66-2603
 ARL 67-0108
 AFOSR67-1721
 AFOSR66-0766
 AFOSR67-0630
 AFOSR66-0834
 AFOSR66-2047
 AFOSR67-1467
 AFOSR66-0896
 AFOSR66-0419
 AFOSR66-1359
 AFOSR66-2048
 AFOSR67-0821
 AFOSR66-2148
 AFOSR67-2708
 AFOSR67-0646
 AFOSR66-0814
 AFOSR66-0301
 ARL67-0647
 AFOSR66-2458
 AFOSR67-0090
 AFOSR66-1966
 ARL 67-0030
 AFOSR67-0455
 AFOSR66-1931

CONTROLLABILITY

CONTROLLABILITY AND OBSERVABILITY OF COMPOSITE SYSTEMS
 CONTROLLABILITY AND OBSERVABILITY OF FEEDBACK SYSTEMS
 CONTROLLABILITY OBSERVABILITY AND STABILITY OF LINEAR SYSTEMS
 ON THE CONTROLLABILITY OF DELAY-DIFFERENTIAL SYSTEMS
 A PROOF OF CONTROLLABILITY OF JORDAN FORM STATE EQUATIONS
 SIMPLIFIED CONDITIONS FOR CONTROLLABILITY AND OBSERVABILITY OF LINEAR TIME-INVARIANT SYSTEMS

AFOSR66-1172
 AFOSR66-1182
 AFOSR66-1304
 AFOSR66-0169
 AFOSR66-2283
 AFOSR67-0340

CONTROLLABLE

ON POLE ASSIGNMENT IN MULTI-INPUT CONTROLLABLE LINEAR SYSTEMS

AFOSR66-1315

CONTROLLED

CONTROLLED GROWTH OF FIN DENDRITES
 VOLTAGE CONTROLLED ATTENUATOR
 ELECTRICALLY CONTROLLED ACOUSTIC BEAM DEFLECTION
 THE ADAPTIVELY CONTROLLED INSTRUCTION OF A TRANSFORMATION SKILL
 RESEARCH ON DEFEAT CONTROLLED ELECTRICAL PROPERTIES OF RUTILE, FINAL REPORT APRIL 1968
 A COLLECTION OF SOME CONTROLLED SURFACE THERMAL ACCOMMODATION COEFFICIENT MEASUREMENTS
 INTEGRATED VOLTAGE - CONTROLLED OSCILLATORS
 METHOD OF CREATING A CONTROLLED NUCLEAR FUSION REACTION
 THE METHOD OF ADAPTIVELY CONTROLLED PSYCHOLOGICAL LEARNING EXPERIMENTS
 INTERNATIONAL DEVELOPMENTS IN CONTROLLED THERMONUCLEAR FUSION
 MAN/MACHINE INTERACTION IN ADAPTIVELY CONTROLLED EXPERIMENTAL CONDITIONS
 LOW ENERGY QUANTA IMAGE TRANSDUCERS USING A CONTROLLED RECOMBINATION MODE
 A COMPUTER CODE FOR RECOMBINATION AND DIFFUSION CONTROLLED AFTERGLOWS
 SYSTEM FOR MEASURING MICROGRAM WEIGHT CHANGES UNDER CONTROLLED OXYGEN PARTIAL PRESSURE TO 1800 DEGREES C
 NONPLANAR CYCLOBUTANE EVIDENCE FOR A CONFORMATIONALLY CONTROLLED CLASSIC MECHANISM IN THE DEAMINATION OF CIS- AND
 ANALYSIS OF FLUID DYNAMICS OF SUPERSONIC COMBUSTION PROCESS CONTROLLED BY MIXING

AFOSR66-1496
 AFOSR66-1061
 AFOSR67-0312
 AFOSR66-0448
 ARL 66-0065
 AFOSR67-1921
 ARL 67-1199
 AFOSR66-1782
 AFOSR67-0681
 AFOSR67-2720
 ARL 67-0041
 AFOSR66-1859
 ARL 66-0086
 AFOSR66-2648
 ARL 66-1116

CONTROLLERS

CHATTER MOTION OF BANG-BANG CONTROLLERS
 OPTIMAL TUNING OF PROPORTIONAL DIGITAL CONTROLLERS

ARL 66-0016
 AFOSR66-2441

CONTROLLING

FACTORS CONTROLLING PROTEIN SYNTHESIS FINAL REPORT JAN 1967
 A SURVEY OF METHODS FOR CONTROLLING THE ALTITUDE OF FREE BALLOONS WITH AIR BALLAST SYSTEMS
 INVESTIGATION OF THE VARIABLES CONTROLLING THE FLUX GROWTH OF HIGH QUALITY LASER CRYSTALS FINAL REPORT MAR 1967

AFOSR67-0303
 AFOSR67-0372
 AFOSR67-0196

CONTROLS

RECIPROCAL CONTROLS BETWEEN NERVOUS SYSTEM AND ENDOCRINE SECRETION FINAL REPORT FEB 1967
 AN INVESTIGATION OF AERODYNAMIC CONTROLS AT HYPERSONIC MACH NUMBERS FINAL REPORT MAY 1967

AFOSR67-0920
 ARL 67-0030

CONVARIANT

CONVARIANT PROPAGATORS AND VERTEX FUNCTIONS FOR ANY SPIN

AFOSR67-1609

CONVECTION

FREE CONVECTION FROM A VERTICAL NEEDLE
 NATURAL CONVECTION FROM A HORIZONTAL CYLINDER AT MODERATE GRASHOF NUMBERS
 NATURAL CONVECTION FROM A HORIZONTAL CYLINDER IN THE PRESENCE OF A SOUND FIELD GIVING LARGE STREAMING REYNOLDS NUMBERS
 INFLUENCE OF CONVECTION ON CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS
 TRANSIENT NATURAL CONVECTION IN A VERTICAL TUBE WITH NON-AXISYMMETRIC WALL TEMPERATURE
 A BOUNDARY-LAYER THEORY FOR CELLULAR CONVECTION
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 EXPERIMENTAL STUDIES OF FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 STUDIES OF THE FORMATION OF PRECIPITATION IN CONVECTION
 THE PRINCIPLE OF EXCHANGE OF STABILITIES II THE ONSET OF CONVECTION IN THE PRESENCE OF ROTATION
 THE INFLUENCE OF WATER-VAPOR OPACITY AND THE EFFICIENCY OF CONVECTION ON MODELS OF LATE-TYPE STARS
 COMPLEMENTARY FORMS OF THE VARIATIONAL PRINCIPLE FOR HEAT CONDUCTION AND CONVECTION
 STUDIES OF ANTENNA BREAKDOWN IN THE PRESENCE OF A PLASMA SHEATH INCLUDING EFFECTS OF FORCED CONVECTION
 EFFECTS OF THE STEFAN-MUSSELY FLOW ON THE APPARENT KINETICS OF HETEROGENEOUS CHEMICAL REACTIONS IN FORCED CONVECTION

AFOSR67-1576
 ARL 67-0275
 ARL 66-0048
 AFOSR66-1608
 AFOSR67-1508
 AFOSR67-2167
 ARL 66-1316
 ARL 66-1318
 ARL 66-1321
 AFOSR67-0199
 AFOSR67-2554
 AFOSR66-0116
 AFOSR66-0098
 AFOSR67-0190
 AFOSR67-0468

CONVECTIVE

CONVECTIVE OVERTURNING AND SUMMER STORMS
 CONVECTIVE INSTABILITY OF INERTIA WAVES AND PHYSICAL ANALYSIS OF THE FORMATION OF TYPHOONS AT THE EARLY STAGE
 CONVECTIVE DIFFUSION LIMITATIONS ON THE RATES OF CHEMICAL REACTIONS AT SOLID SURFACES--KINETIC IMPLICATIONS
 ON THE CONVECTIVE INSTABILITY OF A GASEOUS STAR /FRENCH/
 ABSOLUTE AND CONVECTIVE INSTABILITIES
 THE BALANCE LEVEL IN CONVECTIVE STORMS
 ADIABATIC PULSATONS AND CONVECTIVE INSTABILITY OF GASEOUS MASSES

AFOSR66-0183
 AFOSR66-0292
 AFOSR67-2256
 AFOSR66-2521
 ARL 66-1276
 AFOSR67-0113
 AFOSR67-2666

CONVECTIVE - CONTINUED

SOLID PROPELLANT IGNITION BY CONVECTIVE HEATING FINAL REPORT OCT 1964

AFOSR67-0832

CONVENIENT

DI-T-BUTYLHYDROXIDRITRILE A CONVENIENT SOURCE OF T-BUTOXY RADICALS
DI-T-BUTYL HYDROXIDRITRILE A CONVENIENT SOURCE OF T-BUTOXY RADICALS

AFOSR67-0499
AFOSR67-0214

CONVENTIONAL

COMPARISON OF MULTIDIMENSIONAL DECISION-THERAPEUTIC ANTENNA PROCESSING SYSTEM AND CONVENTIONAL SYSTEMS

AFCL64-0361

CONVERGENCE

CONVERGENCE OF THE SERIES EXPANSION FOR THE THOMAS-PPHMI FUNCTION
CONVERGENCE OF MADE APPROXIMANTS FOR THE OPTHE-SALPETER AMPLITUDE
CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC JORDAN CURVE WITH
CONVERGENCE RATES FOR WEIGHTED SUMS OF RANDOM VARIABLES FINAL REPORT APRIL 1968
CONVERGENCE OF DISSON INTEGRALS FOR BOUNDED SYMMETRIC DOMAINS
CONVERGENCE STUDY OF A SELF-CONSISTENT ORTHOGONALIZED PLANE-WAVE BAND CALCULATION FOR HEXAGONAL COS FINAL REPORT JAN
CONVERGENCE STUDY OF OPB BAND CALCULATIONS FOR WURTZITE AND ZINC-BLENDE CODE AND ZINTF
CONVERGENCE STUDY OF OPB CALCULATIONS FOR WURTZITE AND ZINC-BLENDE 11-VI COMPOUNDS
CONVERGENCE STUDY OF OPB BAND CALCULATIONS FOR WURTZITE AND ZINC-BLENDE CODE AND ZINTF
THE CONVERGENCE OF FINITE ELEMENT METHOD IN SOLVING LINEAR ELASTIC PROBLEMS
THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS OF FIRST APPROXIMATION III
ON THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS
ON THE CONVERGENCE PROPERTIES OF THE 1/2 EXPANSIONS AS FURNISHED BY VARIATIONAL PERTURBATION THEORY CALCULATIONS
ON THE CONVERGENCE OF APPROXIMANTS TO A MARKOV CHAIN II
ON THE CONVERGENCE OF APPROXIMANTS TO A MARKOV CHAIN I
STOCHASTIC CONVERGENCE
THE RATE OF CONVERGENCE OF AN ALGORITHM FOR RECOVERING FUNCTIONS FROM NOISY MEASUREMENTS TAKEN AT RANDOMLY SELECTED
THE ORDER OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS
THE ORDER OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS
ON THE STABILITY AND CONVERGENCE OF THE SO-CALLED FORWARD AND CENTERED FINITE-DIFFERENCE/
SOME RESULTS GIVING RATES OF CONVERGENCE IN THE LAW OF LARGE NUMBERS FOR WEIGHTED SUMS OF INDEPENDENT RANDOM VARIABLES
DEGREE OF REGULARIZED VS CONVERGENCE OF REGULARIZED PERTURBATIVE EXPANSIONS IN A FIELD-THEORETICAL MODEL
A VARIATIONAL PRINCIPLE AND THE CONVERGENCE OF A FINITE- ELEMENT METHOD BASED ON ASSUMED STRESS DISTRIBUTION
APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE III
APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE III
A RELATION BETWEEN MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
APPROXIMATION BY BOUNDED ANALYTIC FUNCTIONS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE
SOME RESULTS RELATING MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
THE VALIDITY OF PERTURBATION SERIES WITH ZERO RADIUS OF CONVERGENCE
APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE II
APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE III
APPROXIMATION BY BOUNDED ANALYTIC FUNCTIONS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE

AFOSR67-1717
AFOSR67-2145
AFOSR67-2550
AFOSR68-1072
AFOSR68-2736
ARL 68-0007
ARL 68-0109
ARL 68-0303
ARL 68-1488
AFOSR67-2507
AFOSR68-1066
AFOSR68-0373
AFOSR68-1693
AFOSR68-2208
AFOSR68-2477
AFOSR68-2740
AFOSR68-2349
ARL 68-0178
ARL 68-1259
AFCL65-0890
AFOSR67-0942
AFOSR67-0909
AFOSR68-0384
AFOSR68-0377
AFOSR68-0378
AFOSR67-0941
AFOSR68-2249
AFOSR67-2210
AFOSR67-2225
AFOSR68-0377
AFOSR68-0378
AFOSR68-2299

CONVERGENT

ON A CONVERGENT MULTI-MOMENT METHOD FOR THE LAMINAR BOUNDARY LAYER EQUATIONS
EVIDENCE FOR RE-REFLECTED SHOCK WAVES FROM CONVERGENT CYLINDRICAL CHANNELS

ARL 68-0040
AFOSR68-0459

CONVERGING

COMPRESSION OF A RAREFIED PLASMA BY CONVERGING MAGNETIC MIRRORS
NOTION OF A SHOCK WAVE THROUGH TURNS OF CONVERGING OR DIVERGING CROSS SECTION

AFOSR68-0848
AFOSR67-0567

CONVERSATION

ANALYSIS OF LUE CONVERSATION PROVIDING ACCOUNTS FINDING BREACHES AND TAKING SIDES FINAL REPORT AUG 1968

AFOSR68-1942

CONVERSES

A REMARK ON DER LETTER CONVERSES FOR A DISCRETE CHANNEL

AFOSR68-2346

CONVERSION

CONVERSION YIELDS OF SOME PHOTOGRAPHIC EMULSIONS AND RELATED FACTORS
THE CONVERSION OF CUBIC TO HEXAGONAL SILICON CARBIDE AS A FUNCTION OF TEMPERATURE AND PRESSURE
ION CONVERSION IN AN ARGON AFTERGLOW
DOPPLER CONVERSION AND ADIABATIC TIME DOMAIN CONVERSION OF ACOUSTIC AND SPIN WAVES
INTERNAL CONVERSION STUDY IN THE DECAY OF RUSUPPER103
INTERNAL CONVERSION ELECTRON STUDY OF THE DECAY OF RU SUPPER 103
INTERNAL CONVERSION ELECTRON SPECTROSCOPY
INTERNAL CONVERSION SPECTROSCOPY
FREQUENCY CONVERSION OF SPIN AND SPIN-PLASTIC WAVES IN PULSED MAGNETIC FIELDS
RESEARCH IN ENERGY CONVERSION FINAL REPORT SEPT 1967
RESEARCH ON ENERGY CONVERSION IN FLOWING SYSTEMS FINAL REPORT JAN 1968
A COMPARISON OF THE CONVERSION EFFICIENCY OF NEAR-INFRARED SENSITIVE PHOTOGRAPHIC FILMS WITH THAT OF STANDARD,
REMEASUREMENT OF THE CONVERSION CONSTANT LAMNDA
STUDY OF THE INTERNAL CONVERSION ELECTRON SPECTRUM IN THE DECAY OF OS SUPPER 193
ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES, CHARACTERISTICS, AND RESEARCH AREAS
ELECTROFLUIDDYNAMIC ENERGY CONVERSION
THE LINEARITY OF THE CHARGE CONVERSION FUNCTION FOR COOLED LITHIUM-DRIED SILICON DETECTORS IN RESPONSE TO X-RAY AND
STUDIES OF THE INTERNAL ENERGY CONVERSION FINAL REPORT APR 1968
DOPPLER CONVERSION AND ADIABATIC TIME DOMAIN CONVERSION OF ACOUSTIC AND SPIN WAVES
MULTILAYER ENHANCEMENT OF MICROWAVE PIEZOELECTRIC CONVERSION IN CAS-510 LAYERS
EFFICIENT MICROWAVE SHEAR-WAVE GENERATION BY MOOP CONVERSION
RESEARCH ON POWER GENERATION ELECTROFLUIDDYNAMIC ENERGY CONVERSION FINAL REPORT 15 APRIL 1968
THE ROLE OF ELECTROFLUIDDYNAMICS IN THE FIELD OF DIRECT ENERGY CONVERSION
DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE USE IN ENERGY CONVERSION WITH SOFT AND HARD X-RAY
A STUDY OF FUNDAMENTAL FACTORS PERTINENT TO MICROBIOLOGICAL WASTE CONVERSION IN CONTROL OF ISOLATED ENVIRONMENTS FINAL
CHARGE GENERATION BY CORONA DISCHARGE IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES
DIGITAL TECHNIQUE FOR RECORDING TIME DEPENDENT SPECTRA BY TIME TO PULSE HEIGHT CONVERSION PART A FINAL REPORT APRIL
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART I
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART II

ARL 67-0171
AFCL67-0436
AFOSR68-2250
AFOSR67-0455
ARL 67-1041
ARL 68-0313
ARL 68-1092
ARL 68-1210
AFCL67-0661
AFCL67-0512
AFOSR68-0254
ARL 68-2276
AFOSR68-2272
ARL 67-1042
ARL 68-1364
ARL 68-1396
AFOSR67-1948
AFCL68-0058
AFOSR67-0455
AFCL67-0017
AFOSR67-0634
ARL 67-0008
ARL 68-1368
ARL 67-1243
AFCL67-0455
ARL 67-1078
AFOSR67-2784
ARL 68-1366
ARL 68-1367

CONVERTER

STUDY OF THERMIONIC CONVERTER ELECTRODE SURFACES USING THE ELECTRON WINDMILL MICROSCOPE

AFCL68-0101

CONVERTERS

PHOTOELECTRIC CORRELATION MEASUREMENTS WITH TIME-TO- AMPLITUDE CONVERTERS

AFCL68-0094

CONVEX

CONVEX PROGRAMMING AND OPTIMAL CONTROL
 CONVEX FUNCTIONS ON CONVEX POLYTOPES
 CONVEX PROGRAMMING AND SYSTEMS OF ELEMENTARY MONOTONIC RELATIONS
 CONVEX SETS AND THE BOUNDED SLOPE CONDITION
 FINITELY CONVEX SETS OF NONLINEAR DIFFERENTIAL EQUATIONS
 CONVEX FUNCTIONS ON CONVEX POLYTOPES
 INTEGRALS WHICH ARE CONVEX FUNCTIONS
 A CLASS OF CONTINUOUS CONVEX PROGRAMMING PROBLEMS
 CONVOLUTION EQUATIONS IN CONVEX DOMAINS
 INTEGRAL REPRESENTATION ON COMPACT CONVEX SETS
 CONJUGATES AND LEMMINGS TRANSFORMS OF CONVEX FUNCTIONS
 INTERPOLATING FAMILIES AND GENERALIZED CONVEX FUNCTIONS
 NECESSARY AND SUFFICIENT CONDITION FOR A CONVEX SET TO BE CLOSED
 NOTES ON KLEES PAPER POLYHEDRAL SECTIONS OF CONVEX BODIES
 QUALITY AND STABILITY IN EXTREMUM PROBLEMS INVOLVING CONVEX FUNCTIONS
 EXTREMAL PROBLEMS FOR A CLASS OF FUNCTIONALS DEFINED ON CONVEX SETS
 A GENERAL CORRESPONDENCE BETWEEN DUAL MINIMAX PROBLEMS AND CONVEX PROGRAMS
 AN ITERATIVE PROCEDURE FOR COMPUTING THE MINIMUM OF A QUADRATIC FORM ON A CONVEX SET

AFOSR66-0210
 AFOSR66-0415
 AFOSR66-0416
 AFOSR66-0417
 AFOSR66-0418
 AFOSR66-0419
 AFOSR66-0420
 AFOSR66-0421
 AFOSR66-0422
 AFOSR66-0423
 AFOSR66-0424
 AFOSR66-0425
 AFOSR66-0426
 AFOSR66-0427
 AFOSR66-0428
 AFOSR66-0429
 AFOSR66-0430

CONVEXITY

HOLONOMORPH CONVEXITY IN THE SPACE OF CYCLES OF AN ALGEBRAIC VARIETY

AFOSR67-1211

CONVOLUTION

CONVOLUTION EQUATIONS IN CONVEX DOMAINS
 INVERSE CONVOLUTION FILTERS - AN ITERATIVE TECHNIQUE

AFOSR66-1211
 AFOSR67-1212

CONVOLUTIONAL

ERROR BOUNDS FOR CONVOLUTIONAL CODES AND AN ASYMPTOTICALLY OPTIMAL DECODING ALGORITHM

AFOSR67-1213

COOL

POSSIBILITY CONDITIONS NEAR COOL SURFACES

AFOSR66-0411

COOLING

COOLED ELECTROSTATIC PROBE
 COOLED PROBE DIAGNOSTICS OF GASES PLASMA SYSTEMS AND THE COOLING OF PLASMA
 GAS COOLING COLLISIONAL RADIATION SYSTEMS
 THE LINEARITY OF THE COOLING OF PLASMA SYSTEMS
 ELECTRICAL COOLING OF PLASMA SYSTEMS
 AN EXPERIMENTAL INVESTIGATION OF COOLING OF PLASMA SYSTEMS
 AN EXPERIMENTAL INVESTIGATION OF COOLING OF PLASMA SYSTEMS
 A UNIQUE LASER DETECTOR OF PLASMA COOLING

AFOSR67-0211
 AFOSR67-0212
 AFOSR67-0213
 AFOSR67-0214
 AFOSR67-0215
 AFOSR67-0216
 AFOSR67-0217
 AFOSR67-0218

COOLING

SLOT COOLING AT HIGH SPEEDS
 TRANSPORTATION COOLING OF A COOLING SYSTEM
 THE BASIC LIMITATIONS OF COOLING OF PLASMA SYSTEMS
 THE FUNDAMENTAL LIMITATIONS OF COOLING OF PLASMA SYSTEMS
 A UNIQUE LASER DETECTOR OF PLASMA COOLING

AFOSR67-0211
 AFOSR67-0212
 AFOSR67-0213
 AFOSR67-0214
 AFOSR67-0215

COOPERATION

U.S.-SOVIET COOPERATION IN COOLING OF PLASMA SYSTEMS

AFOSR67-0211

COOPERATIVE

OPTIMAL COOPERATIVE COOLING OF PLASMA SYSTEMS
 ECOLOGICAL STUDY OF COOLING OF PLASMA SYSTEMS

AFOSR67-0211
 AFOSR66-0211

COORDINATION

AN APPROXIMATION OF COORDINATION OF PLASMA SYSTEMS
 COORDINATION OF PLASMA SYSTEMS

AFOSR67-0211
 AFOSR67-0212

COORDINATION

RELEASE OF COORDINATION OF PLASMA SYSTEMS
 THE COORDINATION OF PLASMA SYSTEMS

AFOSR67-0211
 AFOSR67-0212

COORDINATES

FUNCTIONAL COORDINATION OF PLASMA SYSTEMS
 THE EFFECT OF COORDINATION OF PLASMA SYSTEMS

AFOSR67-0211
 AFOSR66-0211

COORDINATION

COORDINATION NUMBER IN THE COOLING OF PLASMA SYSTEMS
 COORDINATION NUMBER IN THE COOLING OF PLASMA SYSTEMS
 THE USE OF THE COORDINATION NUMBER IN THE COOLING OF PLASMA SYSTEMS
 ULTRATRACE ANALYSIS OF COORDINATION OF PLASMA SYSTEMS
 DETERMINATION OF COORDINATION OF PLASMA SYSTEMS
 THE DETERMINATION OF COORDINATION OF PLASMA SYSTEMS
 STUDIES OF COORDINATION OF PLASMA SYSTEMS
 JAM-TELLER EFFECT IN COORDINATION OF PLASMA SYSTEMS
 COORDINATION OF PLASMA SYSTEMS
 A CHEMICAL KINETIC STUDY OF COORDINATION OF PLASMA SYSTEMS
 TRAP DETERMINATION OF COORDINATION OF PLASMA SYSTEMS
 STRUCTURE OF COORDINATION OF PLASMA SYSTEMS

AFOSR67-0211
 AFOSR67-0212
 AFOSR67-0213
 AFOSR67-0214
 AFOSR67-0215
 AFOSR67-0216
 AFOSR67-0217
 AFOSR67-0218
 AFOSR67-0219
 AFOSR67-0220

COPENHAGEN

DEBITS IN THE COPENHAGEN COOLING SYSTEMS AT LUNA AND THEIR GENERALITY

AFOSR67-0211

COMPLAINT

THE DETERMINATION OF THE COORDINATION OF PLASMA SYSTEMS

AFOSR67-0211

CONDUCTIVIZATION

POLYMERIZATION AND CONDUCTIVIZATION OF PLASMA SYSTEMS
 ANIONIC POLYMERIZATION AND CONDUCTIVIZATION OF PLASMA SYSTEMS

AFOSR67-0211
 AFOSR67-0212

COPOLYMERS	
RANDOM COIL CONFIGURATIONS OF POLYPEPTIDE COPOLYMERS	AFOSR67-0952
COPOLYPEPTIDES	
CONFORMATIONAL ENERGIES AND CONFIGURATIONAL STATISTICS OF COPOLYPEPTIDES CONTAINING L-PROLINE	AFOSR68-1468
COPPER	
THE ACTIVITY OF COPPER IN SOLID COPPER-PLATINUM ALLOYS AND SOME OBSERVATIONS ON THE ORDERING OF CUSUB3PT	ARL 67-0247
MELTING CURVES OF COPPER SILVER GOLD AND PLATINUM TO 70 KILOBAR	AFOSR68-0055
PARAMAGNETIC RESONANCES OF COPPER ClO_4 MAGNESIUM DIOXIDE AT 1.2 DEGREES POTASSIUM	AFOSR67-0082
THE THERMAL DECOMPOSITION OF COPPER $\text{N}(\text{H})_2$ CHELATES OF N-SUBSTITUTED THIOPICOLINAMIDES	AFOSR67-0234
MECHANISMS OF FATIGUE HARDENING IN COPPER SINGLE CRYSTALS	AFML 67-0203
ELECTRON PARAMAGNETIC RESONANCE OF COPPER IN BERYLLIUM OXIDE	AFOSR68-0149
X-RAY ABSORPTION SPECTROSCOPY AT THE COPPER K EDGE	AFOSR68-0497
MOSSBAUER EFFECT IN IRON FIFTY-SEVEN IN COPPER AND THE SPIN-COMPENSATED STATE	AFOSR 38-1091
THE CHEMISTRY OF CARBANIONS XII THE ROLE OF COPPER IN THE CONJUGATE ADDITION OF ORGANOMETALLIC REAGENTS	AFOSR67-1438
EXPERIMENTS ON THE A C ELECTROLUMINESCENCE OF COPPER DOPED ZINC SULFIDE SINGLE CRYSTALS	AFOSR67-0355
ON THE NATURE OF MASSIVE PHASES IN HYPOEUTECTOID COPPER-GALLIUM ALLOYS	AFOSR67-1615
SECONDARY-ELECTRON EMISSION FROM GLYCEROL-COATED COPPER SURFACES	AFOSR68-0303
STACKING FAULT ENERGIES OF THE STRUCTURALLY RELATED COPPER-GALLIUM ALPHA AND ZETA PHASES	AFOSR67-1604
SUPERCONDUCTIVITY AND PARTICLES SIZE IN HETEROGENEOUS COPPER LEAD ALLOY /GERMAN/	AFOSR67-0159
TEMPERATURE SENSITIVE DUCTILITY IN FACE CENTERED CUBIC COPPER ALLOYS	AFML 67-0082
DETERMINATION OF RELAXATION TIMES IN CYCLOTRON RESONANCE IN COPPER	AFOSR67-0555
THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER	ARL 68-1186
THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER	ARL 68-1360
THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF COPPER AT DIFFERENT STRAIN RATES	AFOSR67-1660
PIEZO-OPTICAL CONSTANTS DEFORMATION POTENTIALS AND THE ELECTRONIC STRUCTURE OF COPPER	AFOSR68-0723
COPPER-BASED	
SLIDING OF COPPER-BASED SINTERED MATERIAL AGAINST STEEL IN PARAFFINIC MINERAL OIL	AFML 67-0018
COPPER-CATALYZED	
THE COPPER-CATALYZED REACTION OF BENZONORBORNADIENE WITH BENZOYL PEROXIDE AND T-BUTYL PERBENZOATE NUCLEAR MAGNETIC	AFOSR68-0708
COPPER-PLATINUM	
THE ACTIVITY OF COPPER IN SOLID COPPER-PLATINUM ALLOYS AND SOME OBSERVATIONS ON THE ORDERING OF CUSUB3PT	ARL 67-0247
COPYING	
COMPOSITION COPYING AND SEMI-MECHANIZED FILING AND SEARCHING DEVICES	AFOSR67-2003
CORE	
CORE REARRANGEMENT AND HARTREE-FOCK IONIZATION ENERGIES	AFOSR67-2770
BULK CORE IN A 350/67 TIME-SHARING SYSTEM	AFOSR67-1968
THE COLLOIDAL GAS CORE REACTOR	ARL 68-1394
SPECTRUM OF SHORT-PERIOD CORE PHASES IN RELATION TO THE ATTENUATION IN THE MANTLE	AFOSR67-2084
THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON I A CORRECTION TO THE ADIABATIC	AFCL 68-0523
THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON II EVALUATION OF THE POLARIZABILITIES	AFCL 68-0524
REFLECTION AND TRANSMISSION FROM A PLANE LAYERED CORE- MANTLE BOUNDARY	AFOSR67-2147
P WAVE DIFFRACTION THEORY AND THE STRUCTURE OF THE CORE- MANTLE BOUNDARY	AFOSR67-1189
SEISMIC EVIDENCE FOR A NEW LAYERED STRUCTURE OF THE EARTH'S CORE	AFOSR67-2115
THE SPIN POLARIZED HARTREE-FOCK METHOD AND THE CONTRIBUTION OF CORE POLARIZATION TO HYPERFINE FIELDS OF 4D IONS	AFOSR67-1162
STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360	AFOSR68-0763
DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY	AFCL 67-0639
A STUDY OF THE CORE-MANTLE BOUNDARY USING P WAVE DIFFRACTED BY THE EARTH'S CORE	AFOSR67-1193
DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY	AFOSR67-2707
DISSIPATION FACTOR OF THE TORSIONAL MODE FOR A HOMOGENEOUS- MANTLE EARTH WITH A SOFT-SOLID OR A VISCOUS-LIQUID CORE	AFOSR67-2150
ATTENUATION OF THE TORSIONAL FREE OSCILLATIONS IN AN EARTH WITH A DISSIPATIVE MANTLE AND A DISSIPATIVE SOFT-SOLID CORE	AFOSR67-2141
CORE-MANTLE	
A STUDY OF THE CORE-MANTLE BOUNDARY USING P WAVE DIFFRACTED BY THE EARTH'S CORE	AFOSR67-1193
PROPERTIES OF THE CORE-MANTLE BOUNDARY AND OBSERVATIONS OF PCP	AFCL 68-0618
CORE-POLARIZATION	
DIRECT AND CORE-POLARIZATION CONTRIBUTIONS TO THE KNIGHT SHIFT IN METALLIC ALUMINUM	AFOSR67-0427
CORFO	
THE ARL CORED BRICK STORAGE HEATER	ARL 67-1220
CORES	
A STUDY OF THE CORES OF AIR SHOWERS IN THE SIZE RANGE 1FM TO THE 4TH TO THE 7TH PARTICLES	AFOSR68-2284
FLOW STRUCTURES WITH STATIONARY CORES	ARL 67-0192
CAVITY FLOWS CONTAINING STATIONARY CORES	ARL 67-1048
A MONTE CARLO SIMULATION OF AIR SHOWER CORES	AFOSR68-2400
OFF-ENERGY-SHELL T-MATRIX ELEMENTS FOR LOCAL POTENTIALS CONTAINING HARD CORES	AFOSR68-2273
CORIOLIS	
CORIOLIS COUPLING AND NUCLEAR PROPERTIES	ARL 67-1178
THE EFFECT OF ORIENTATION OF DEGENERATE COORDINATES ON CORIOLIS COUPLING CONSTANTS	AFOSR68-2846
CORNEA	
FINE STRUCTURE OF THE INSECT CORNEA AND CORNEAL NIPPLED DURING ONTOGENESIS	AFOSR67-0903
CORNPAL	
THE CORNEAL NIPPLE ARRAY	AFOSR68-0607
THE INSECT CORNEAL NIPPLE ARRAY	AFOSR67-0913
FINE STRUCTURE OF THE INSECT CORNEA AND CORNEAL NIPPLED DURING ONTOGENESIS	AFOSR67-0903
CORONA	
SOLAR CORONA STUDY FINAL REPORT JAN 1967	AFCL 67-0259
THEORY OF THE SOLAR CORONA	AFCL 68-0397
ON THE ACTIVE REGION CORONA AND THE INTERPRETATION OF TYPE I EURSTS	AFCL 67-0577
CHARGE GENERATION BY CORONA DISCHARGE IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES	ARL 67-1078

CORONA - CONTINUED

INFRARED OBSERVATIONS OF THE OUTER SOLAR CORONA FINAL REPORT OCT 1967
THE EQUILIBRIUM STRUCTURE OF A SHOCK-HEATED CORONA
AFOSR67-2036
AFCL66-0312

CORONAGRAPH
A BALLOON-BORNE INFRARED CORONAGRAPH
AFOSR66-2779

CORONAL
THE ELECTRIC FIELD IN THE SOLAR CORONAL EXOSPHERE AND THE SOLAR WIND
MAGNETIC-FIELD STRUCTURE ASSOCIATED WITH CORONAL STREAMERS
AFCL66-0306
AFOSR66-2652

CORONENE
STUDIES OF RADIATIONLESS TRANSITIONS IN CORONENE USING NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY
LASER PHOTOLYSIS AND SPECTROSCOPY IN THE NANOSECOND TIME RANGE EXCITED SINGLET STATE ABSORPTION IN CORONENE
ARL 66-1123
ARL 66-0144

CORPUS
MICROELECTRODE ANALYSIS OF TRANSFER OF VISUAL INFORMATION BY THE CORPUS CALLOSUM
AFOSR66-2714

CORRECTING
A CORRECTING FEED AT 611 MHz FOR THE AID REFLECTOR
A STUDY OF ERROR CORRECTING CODES III SYNCHRONIZABILITY AND CORONA FREEDOM
ON A FAMILY OF ERROR CORRECTING AND SYNCHRONIZABLE CODES
ERROR DETECTING AND ERROR CORRECTING INDEXING SYSTEMS FOR LARGE SERIAL NUMBERS
A SIMPLIFIED PROCEDURE FOR CORRECTING A MEASURED ANGULAR DISTRIBUTION OF PARTICLES FOR DISTORTION BY A SCATTERING
AFOSR66-1044
AFCL67-0046
AFCL66-0092
AFOSR67-1109
AFOSR66-0852

CORRECTION
CORRECTION TO STOKES LAW FOR A CHARGED SPHERE MOVING IN A POLARIZABLE COMPRESSIBLE LIQUID
CORRECTION TO THE ENERGY OF A CRYSTAL IN THE ALTERNATE MOLECULAR ORBITAL APPROXIMATION
CORRECTION TO THE KURO FORMULA
RADIATIVE CORRECTION TO β -DECAY AND NUCLEON FORM FACTOR
A FAMILY OF CODES FOR THE CORRECTION OF SUBSTITUTION AND SYNCHRONIZATION ERRORS
ON THE USE OF THE TERRAIN CORRECTION IN SOLVING MOLODINSKY'S PROBLEM
AN EVALUATION OF ABSORPTION CORRECTION FUNCTIONS FOR ELECTRON PROBE MICROANALYSIS
PERTURBATION THEORY EXPANSION THROUGH 20TH ORDER OF MASS POLARIZATION CORRECTION RELATIVISTIC EFFECTS & LAMB SHIFT OF
THE POLARIZATION OF A CLOSED $n=1$ CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON I A CORRECTION TO THE ADIABATIC
AFCL66-0218
AFOSR67-1970
AFOSR66-0404
AFOSR67-1836
AFCL67-0591
AFCL66-0896
AFOSR66-1866
AFOSR67-1653
AFCL66-0523

CORRECTIONS
CORRECTIONS TO THE DIELECTRIC CONSTANT OF A DEGENERATE ELECTRON GAS
CORRECTIONS OF ORDER $1/n$ SUPER 2 TO CAPTURE
COULOMB CORRECTIONS TO INELASTIC ELECTRON SCATTERING
RADIATIVE CORRECTIONS TO LEPTONIC DECAYS AND COMPOSITE MODELS FOR STRONG INTERACTIONS
RADIATIVE CORRECTIONS IN BETA DECAY
DISPERSION CORRECTIONS TO THE LEVELS OF MUONIC ATOMS
HIGHER-ORDER CORRECTIONS TO COLLECTIVE PARTICLE-HOLE EXCITATIONS USING GREEN FUNCTION TECHNIQUES
LOW-TEMPERATURE QUANTUM CORRECTIONS TO THE SECOND VIRIAL COEFFICIENT
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELDS II LOWEST ORDER CORRECTIONS
ORBIT PERTURBATIONS OF ARTIFICIAL EARTH SATELLITES AS FUNCTIONS OF GRAVITY ANOMALIES AND DIFFERENTIAL CORRECTIONS OF
AFOSR67-0173
AFOSR67-0914
AFOSR67-2619
AFOSR67-2792
AFOSR66-0620
AFOSR67-1824
AFOSR66-1372
AFOSR66-2463
ARL 67-0156
AFCL66-0163

CORRECTOR
A LINE-SOURCE CORRECTOR FOR LARGE SPHERICAL REFLECTORS
AFCL67-0142

CORRELATED
OPTIMAL FILTERING FOR CORRELATED NOISE
ON LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES
INVESTIGATION OF DECISION THEORY WITH CORRELATED RANDOM VARIABLES
ON OPTIMUM SPACE DIVERSITY RECEPTION OF CORRELATED MULTIPATH
THE RACHMUNG PHENOMENON FAILURES OF IMMEDIATE RECALL CORRELATED WITH REPETITION OF ELEMENTS WITHIN A STIMULUS
ON THE DISTRIBUTION OF LINEAR FUNCTIONS AND RATIOS OF LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES
AFOSR67-2659
ARL 67-0240
AFOSR66-1554
AFOSR66-1657
AFOSR67-1629
ARL 67-0253

CORRELATES
CORRELATES OF AMBIVALENCE RISK-TAKING AND RIGIDITY FINAL REPORT MARCH 1967
PERSONALITY CORRELATES OF CATECHOLAMINE EXCRETION UNDER STRESS
PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS FINAL REPORT JUNE
PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS
ELECTROENCEPHALOGRAPHIC CORRELATES OF LEARNING IN SUBCORTICAL AND CORTICAL STRUCTURES
STUDY OF THE BRAIN MECHANISMS UNDERLYING THE CHANGES OF CONSCIOUSNESS AND THEIR ELECTROPHYSIOLOGICAL CORRELATES
AFOSR67-1197
AFOSR66-2166
AFOSR67-0679
AFOSR67-2402
AFOSR66-0314
AFOSR66-2365

CORRELATION
CORRELATION MEASUREMENTS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
CORRELATION EFFECTS IN ATOMS I HELIUM
CORRELATION BETWEEN OPTICAL AND RADIO EMISSION FROM EXTENSIVE AIR SHOWERS AT LARGE ZENITH ANGLES
CORRELATION BETWEEN THE PHOTOCHEMISTRY AND THE MASS SPECTRA OF PYRUVIC ACID AND ISOPROPYL PYRUVATE
CORRELATION FUNCTION SPATIAL FILTERING WITH INCOHERENT LIGHT
CORRELATION EFFECTS IN ATOMS III FOUR-ELECTRON SYSTEMS
CORRELATION EFFECTS IN ATOMS II ANGULAR CORRELATIONS BETWEEN ELECTRONS
CORRELATION USING FAST FOURIER TRANSFORMS
CORRELATION BETWEEN LIGHT-AND DARK TONIC ACTIVITY IN THE CENTRAL VISUAL PATHWAYS IN THE ABSENCE AS WELL AS IN THE
CORRELATION BETWEEN PHOTOCHEMISTRY AND HIGH-ENERGY RADIATION CHEMISTRY
ANGULAR CORRELATION MEASUREMENTS FOR NICKEL 58 - PROTON GAMMA
SPACE-TIME CORRELATION THEORY FOR INFORMATION-CARRYING SIGNALS
ON TESTING CORRELATION MATRICES
SPACE-TIME CORRELATION THEORY FOR INFORMATION-CARRYING SIGNALS
SPACE-TIME CORRELATION FUNCTIONS FOR THE ENSKOG DENSE GAS I
PHOTOELECTRIC CORRELATION MEASUREMENTS WITH TIME-TO-AMPLITUDE CONVERTERS
CONFIGURATIONAL CORRELATION OF PHOSPHINATES BY NUCLEAR MAGNETIC RESONANCE AND OPTICAL ROTATORY DISPERSION
AN APPLICATION OF CORRELATION RADIOLOGY TO THE STUDY OF PLASMA RADIATION
GAMMA-RAY ANGULAR CORRELATION STUDIES AND ISOBARIC ANALOG STATES IN 25-10 SHELL NUCLEI
DIRECT CONFIGURATIONAL CORRELATION OF SULFOXIDES AND PHOSPHINE OXIDES BY INTERSYSTEM MATCHING OF COTTON EFFECTS
THE BEHAVIOUR OF THE ANGULAR CORRELATION SYMMETRY ANGLE FOLLOWING INELASTIC SCATTERING OF HELIUM 3 PARTICLES FROM
STRUCTURE OF LIQUIDS IV DIRECT CORRELATION FUNCTIONS OF LIQUID ARGON
TABLES OF COEFFICIENTS FOR ANGULAR CORRELATION OF RADIATIVE TRANSITIONS FROM ALIGNED NUCLEI
AMPLITUDE LIMITING APPLIED TO A SENSITIVE CORRELATION DETECTOR
EQUATION-OF-STATE PARAMETERS FOR NORMAL ALKANES CORRELATION WITH CHAIN LENGTH
A NEW ROUTE TO THE PREPARATION AND CONFIGURATIONAL CORRELATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES
COMPUTER PROGRAMS FOR THE ANALYSIS OF GAMMA-RAY ANGULAR CORRELATION MEASUREMENTS FINAL REPORT AUG 1967
BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATION BETWEEN RANDOM EFFECTS AND THE NUMBER OF
AFCL66-0026
AFOSR67-0646
AFOSR67-1324
AFOSR67-1847
AFOSR67-2152
AFOSR67-2278
AFOSR67-2281
AFOSR66-2029
AFOSR66-2769
AFOSR66-2694
AFOSR66-0696
AFCL67-0311
AFOSR67-1205
AFOSR67-1499
AFOSR66-2476
AFCL66-0094
AFOSR67-2413
AFCL66-0160
ARL 67-1036
AFOSR66-2233
AFOSR67-1364
AFOSR67-1102
ARL 66-0230
AFOSR66-0964
AFOSR66-0718
AFOSR67-2374
ARL 67-0165
ARL 67-1020

CORRELATION - CONTINUED

EXPERIMENTAL TESTS OF THE THEORY OF AN AMPLITUDE-LIMITED CORRELATION DETECTOR
ON THE SYNTHESIS OF TWO-DIMENSIONAL ARRAYS WITH DESIRABLE CORRELATION PROPERTIES
ON THE EVOLUTION OF THE PROBABILITY DISTRIBUTION AND OF THE CORRELATION FUNCTIONS IN A BOGOLUBOV PLASMA
RESONANCE SCATTERING IN IMPURE SUPERCONDUCTORS II - EFFECTS OF CORRELATION AND DEGENERACY
A STUDY OF SOLAR RADIO BURSTS IN THE 3.4 TO 50 CM RANGE AND THEIR CORRELATION TO SCNA EVENTS FINAL REPORT JAN 1968
TESTS FOR THE EQUALITY OF COVARIANCE MATRICES UNDER THE INTRACLASSE CORRELATION MODEL
THE SECRETORY CYCLE OF SUPRACORTICAL NEURONS IN THE RAT A STRUCTURAL-FUNCTIONAL CORRELATION
EVIDENCE FOR EXCHANGE EFFECTS IN INELASTIC SCATTERING PROCESSES FROM ANGULAR CORRELATION DATA
STRUCTURE OF LIQUIDS PART 7 - DETERMINATION OF INTER-MOLECULAR POTENTIAL FUNCTIONS AND CORRELATION FUNCTIONS IN

AFOSR66-2664
AFOSR66-1146
ARL 67-0193
AFOSR67-2794
AFOSR66-0190
ARL 67-0206
AFOSR67-2694
AFOSR66-1012
AFOSR67-2577

CORRELATIONS

TIME CORRELATIONS IN FORWARD SCATTERING BY RANDOM DISTRIBUTIONS FINAL REPORT APR 1968
DECAY CORRELATIONS OF PHOTO-PRODUCED RHO MESONS IN THE STRONG ABSORPTION MODEL
SIGNAL CORRELATIONS IN FORWARD SCATTERING BY TWO-COMPONENT RANDOM DISTRIBUTIONS
SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
PROPAGATION OF CORRELATIONS IN A BOLTZMANN GAS
INFERENCES ABOUT CORRELATIONS
ANYTHOROUGHLY ORDERED CORRELATIONS AND QUANTUM COUNTERS
THE EFFECT OF STRONG CORRELATIONS ON BARYON-BARYON WEAK INTERACTIONS
DYNAMICAL COMPUTATION OF PHOTON CORRELATIONS AND COUNTING STATISTICS
STRUCTURE OF VELOCITY SPACE-TIME CORRELATIONS IN A BOUNDARY LAYER
INTEGRALS IN THE THEORY OF ELECTRON CORRELATIONS
ANALYTICAL EXPRESSIONS OF SPACE-TIME CORRELATIONS Celerities Facilities AND METHODS OF MEASUREMENT FOR TEMPERATURE
CORRELATION EFFECTS IN ATOMS II ANGULAR CORRELATIONS BETWEEN ELECTRONS
EFFECT OF RESONANCE SCATTERING AND IMPURITY CORRELATIONS ON THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF SUPER
INVESTIGATION OF EXTRA-NUCLEAR EFFECTS IN ANGULAR CORRELATIONS FINAL REPORT JUNE 1967
INVESTIGATION OF ORDERED MAGNETIC STATES AND THEIR CORRELATIONS TO OPTICAL AND ELECTRICAL PROPERTIES OF SELECTED
BRANES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECTS AND THE NUMBERS OF
STAGES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECT AND THE NUMBERS OF
NUCLEAR STRUCTURE OF SC SUPER 43 II. GAMMA-RAY ANGULAR CORRELATIONS
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION II SPECTRAL CORRELATIONS

AFOSR66-0223
AFOSR67-0272
AFOSR67-0284
AFOSR66-0518
AFOSR66-2773
AFOSR67-1030
AFOSR67-0327
AFOSR67-0348
AFOSR67-0673
AFOSR67-2283
AFOSR67-0860
AFOSR67-2763
AFOSR67-0892
AFOSR67-2281
AFOSR66-0424
AFOSR67-1812
AFOSR67-0693
ARL 67-1021
ARL 67-1022
ARL 68-1341
AFOSR66-1056

CORRELATOR

AN ACOUSTICAL TRACKING SYSTEM USING A DELTA CORRELATOR

AFOSR67-1964

CORRELATORS

ON A CLASS OF GENERALIZED POLARITY COINCIDENCE CORRELATORS

AFOSR66-2347

CORRESPONDENCE

THE CORRESPONDENCE PRINCIPLE OF LINEAR VISCOELASTICITY THEORY FOR MIXED BOUNDARY VALUE PROBLEMS INVOLVING
A GENERAL CORRESPONDENCE BETWEEN DUAL MINIMAX PROBLEMS AND CONVEX PROGRAMS

AFOSR66-1643
AFOSR66-2438

CORROSION

CORROSION BY CHLOROSULFONIC ACID FINAL REPORT OCT 1967

AFOSR67-0513

CORRUGATED

REFLECTION AND REFRACTION OF ELASTIC WAVES AT A CORRUGATED INTERFACE
GUIDING AND SCATTERING OF ELECTROMAGNETIC FIELDS BY CORRUGATED STRUCTURES

AFOSR67-0315
AFOSR67-0609

CORTEX

BINOCULARLY DRIVEN NEURONS IN VISUAL CORTEX OF SPLIT-CHIASM CATS
SINGLE-UNIT ACTIVITY IN THE PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS
OUTPUT TO INPUT RELATIONSHIPS IN LATERAL GENICULATE AND VISUAL CORTEX
REPRESENTATION OF BINAURAL STIMULI BY SINGLE UNITS IN PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS
VISUAL EVOKED POTENTIALS AS RECORDED FROM THE SCALP AND FROM THE VISUAL CORTEX BEFORE AND AFTER SURGICAL REMOVAL OF
DEEP SLEEP INDUCED BY ELECTRICAL STIMULATION OF THE BRAIN STEM AND CEREBRAL CORTEX
THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE NUCLEUS AFTER STIMULATION OF VISUAL CORTEX

AFOSR66-2692
AFOSR66-1987
AFOSR67-0877
AFOSR66-2778
AFOSR67-1481
AFOSR66-0945
AFOSR67-2839

CORTICAL

RELATIONSHIP BETWEEN CORTICAL ACTIVITY AND THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE BODY
SINGLE UNIT STUDIES OF CORTICAL CODING OF SIMPLE ACOUSTIC STIMULI
HYPEROTIC UREA ITS EFFECTS ON CORTICAL AND SUBCORTICAL EVOKED POTENTIALS IN CAT
ELECTROPHYSIOLOGICAL STUDY OF VISUAL CORTICAL MECHANISMS ACTIVATED DURING AVOIDANCE CONDITIONING TRAILS IN MACAQUES
NEUROPHYSIOLOGICAL AND NEUROPHARMACOLOGICAL STUDIES OF CORTICAL EVOKED RESPONSES FINAL REPORT JUNE 1966
INSERABILITY OF FIRING THRESHOLD AND REMOTE ACTIVATION IN CORTICAL NEURONES
ELECTROENCEPHALOGRAPHIC CORRELATES OF LEARNING IN SUBCORTICAL AND CORTICAL STRUCTURES

AFOSR67-2544
AFOSR66-2771
AFOSR67-0722
AFOSR66-0196
AFOSR67-0099
AFOSR67-1047
AFOSR66-0314

CORTICOSUBCORTICAL

HIPPICAMPAL STATES AND FUNCTIONAL RELATIONS WITH CORTICOSUBCORTICAL SYSTEMS IN ATTENTION AND LEARNING

AFOSR67-2584

CORTICOTECTAL

STUDIES ON CORTICOTECTAL ACTIVITY IN THE UNANESTHETIZED MID-PONTINE CAT

AFOSR66-2715

COSMIC

COSMIC RAY FINAL REPORT FEB 1967
COSMIC RAY NEUTRON STUDIES FINAL REPORT DEC 1967
COSMIC RAY INTENSITY VARIATIONS DURING 1966
COSMIC RAY INTENSITY VARIATIONS DURING 1967
COSMIC RAY INTENSITY VARIATIONS DURING 1967
ISOTROPY OF COSMIC BACKGROUND RADIATION AT 10690 MHZ
ANALYSIS OF COSMIC RAY EXPERIMENTS FINAL REPORT AUG 1967
DIMENSION OF THE COSMIC RAY MODULATION REGION
RADIO PULSES FROM COSMIC RAY SHOWERS
ULTRA HIGH ENERGY COSMIC RADIATION FINAL REPORT NOV 1968
STUDIES OF PRIMARY COSMIC RAYS IN THE ENERGY REGION 10-14 EV TO 10-17 EV /OLIVIAN AIR SHOWER JOINT EXPERIMENT/
AIR PRESSURE DEPENDENCE OF COSMIC RAY INTENSITY METHODS AND RESULTS OF A STATISTICAL ANALYSIS OF NEUTRON MONITOR DATA
HIGH ENERGY INTERACTIONS OF COSMIC RAYS GREATER THAN 1000 BEV OBSERVED AT 5200 M ABOVE SEA LEVEL
THE 11-YEAR SOLAR MODULATION OF COSMIC RAYS AS DEDUCED FROM DEC 1967 ENERGIES
MEASUREMENT OF PRIMARY AND ALPHAS COSMIC RAYS ON A POLAR ORBITING SATELLITE
DETECTION AND STUDY OF HIGH-ENERGY COSMIC PHOTONS FINAL REPORT MARCH 1967
LOW ENERGY HEAVY PRIMARY PARTICLES IN COSMIC RADIATION
LIMITS ON SMALL SCALE VARIATIONS IN THE COSMIC BACKGROUND RADIATION
SUPPLEMENT TO 1957 INSTRUCTION MANUAL NO 10 COSMIC RAY TABLES ASYMPTOTIC DIRECTIONS VARIATIONAL COEFFICIENTS AND CUTOFF
PERPENDICULAR SHOCKS IN A MEDIUM CONTAINING COSMIC RAYS

AFOSR67-0149
AFOSR66-0006
AFOSR66-0016
AFOSR66-0423
AFOSR66-0552
AFOSR67-1710
AFOSR67-2656
AFOSR67-1611
AFOSR66-2479
AFOSR66-2481
AFOSR66-0186
AFOSR67-0212
AFOSR66-2860
AFOSR66-0051
AFOSR67-2526
AFOSR67-0950
AFOSR67-1289
AFOSR66-2720
AFOSR66-0030
AFOSR66-2074

COSMIC

- CONTINUED

STUDY OF THE INTENSITY TIME VARIATIONS OF THE COSMIC RADIATION FINAL REPORT MAY 1968
 SOLAR MODULATION AND THE ENERGY DENSITY OF GALACTIC COSMIC RAYS
 EFFECT OF THE INTERPLANETARY MAGNETIC FIELD ON THE PROPAGATION OF COSMIC RAYS FINAL REPORT FEB 1968
 THE ATMOSPHERIC AND LEAKAGE FLUX OF NEUTRONS PRODUCED IN THE ATMOSPHERE BY COSMIC RAY INTERACTIONS
 A COUNTER FOR THE MEASUREMENT OF THE ATMOSPHERIC AND EARTH LEAKAGE FLUX OF SECONDARY COSMIC RAY NEUTRONS

AFCLRL68-0277
 AFOSR67-1723
 AFCLRL68-0219
 AFCLRL68-0173
 AFCLRL67-0493

COSMIC-RAY

COSMIC-RAY RADIAL DENSITY GRADIENT AND ITS RIGIDITY DEPENDENCE OBSERVED AT SOLAR MINIMUM ON MARINER IV
 COSMIC-RAY NEUTRON MONITOR YIELD FUNCTIONS CROSS TRANSFORMATION AND NUCLEONIC COMPONENT MEAN FREE PATHS
 THE PRIMARY COSMIC-RAY ELECTRON ENERGY SPECTRUM FROM 10 TO 40 MEV
 BAROMETRIC COEFFICIENT FOR COSMIC-RAY NEUTRON MONITORS
 SHORT-TERM VARIATIONS OF COSMIC-RAY INTENSITY
 THE HELIOCENTRIC INTENSITY GRADIENTS OF COSMIC-RAY PROTONS AND HELIUM DURING MINIMUM SOLAR MODULATION
 THE INTERPRETATION OF THE CHARGE RATIO OF COSMIC-RAY MUONS
 ABUNDANCES AND ENERGY SPECTRA OF GALACTIC COSMIC-RAY NUCLEI ABOVE 80 MEV PER NUCLEON IN THE NUCLEAR CHARGE RANGE FROM
 DIFFERENTIAL RESPONSE AND SPECIFIC YIELD FUNCTIONS OF COSMIC-RAY NEUTRON MONITORS

AFOSR67-2854
 AFOSR68-0716
 AFOSR68-0707
 AFCLRL67-0460
 AFOSR68-0789
 AFOSR67-1198
 AFOSR67-0282
 AFOSR67-1081
 AFCLRL67-0477

COSMOLOGICAL

EVOLUTION OF A COSMOLOGICAL MODEL
 EVALUATION OF THE COSMOLOGICAL MODEL
 THE EVALUATION OF A COSMOLOGICAL MODEL

ARL 67-1054
 ARL 68-1238
 ARL 68-1348

COSMOLOGY

COSMOLOGY
 RELATIVITY AND COSMOLOGY W. O. SAUNDERS CO PHILADELPHIA 1968
 RELATIVITY THEORY AND ASTROPHYSICS I RELATIVITY AND COSMOLOGY FINAL REPORT NOV 1967

ARL 68-1367
 AFOSR68-2194
 AFOSR67-2687

COSSERAT

THIN RODS AND SHELLS VIEWED AS COSSERAT CONTINUA

AFOSR68-1682

COST

CONTROL OF LINEAR TIME DELAY SYSTEMS WITH ESSENTIALLY LINEAR COST FUNCTIONALS
 DISCRETE LINEAR OPTIMAL CONTROL SYSTEMS WITH ESSENTIALLY QUADRATIC COST FUNCTIONALS
 OPTIMAL BOUNDED CONTROL WITH LINEAR STOCHASTIC EQUATIONS AND QUADRATIC COST

AFOSR68-0308
 AFOSR67-0286
 AFOSR67-0327

COSTS

GAGING PERFORMANCE COSTS OF CONTROL LOOP HARDWARE

AFOSR68-2786

COTTON

EXTRINSIC COTTON EFFECTS IN DYE-BOVINE PLASMA ALBUMIN ADDUCTS
 DIRECT CONFIGURATIONAL CORRELATION OF SULFOXIDES AND PHOSPHINE OXIDES BY INTERSYSTEM MATCHING OF COTTON EFFECTS

AFOSR68-0312
 AFOSR68-2233

COUETTE

CYLINDRICAL COUETTE FLOW OF A RAREFIED GAS
 VARIABLE CONDUCTIVITY NPD COUETTE FLOW
 COMPRESSIBLE TURBULENT PLANE COUETTE FLOW
 ON COMPRESSIBLE TURBULENT-PLANE COUETTE FLOW
 NORMAL MODE EXPANSION AND STABILITY OF COUETTE FLOW

AFOSR67-2682
 ARL 67-1277
 ARL 67-0223
 ARL 68-0093
 AFOSR68-2616

COUGH

PATTERN RECOGNITION APPLIED TO COUGH CATEGORIZATION

AFOSR67-2137

COULOMB

COULOMB DE-EXCITATION OF C-12 IN A HELIUM GAS AT HIGH DENSITY AND TEMPERATURE
 COULOMB CORRECTIONS TO INELASTIC ELECTRON SCATTERING
 VIRTUAL COULOMB EXCITATION IN NUCLEON TRANSFER
 BIPOLAR EXPANSION OF SCREENED COULOMB POTENTIALS HELMHOLTZ SOLID HARMONICS AND THEIR ADDITION THEOREMS

AFOSR67-2579
 AFOSR67-2819
 AFOSR67-1345
 AFOSR67-1243

COULOMB-LIKE

SCATTERING FROM COULOMB-LIKE POTENTIALS WITHOUT DIVERGENCE OR CUTOFFS I FORMALISM GENERALIZED LEPPMANN-SCHWINGER

AFOSR67-2031

COULOMETRIC

COULOMETRIC TITRATION OF WURTZITE
 HIGH SENSITIVITY COULOMETRIC ANALYSIS IN ACETONITRILE

ARL 68-0051
 AFOSR68-1946

COUNSELING

DECISION-THEORETIC PSYCHOMETRICS THE EFFECT OF GUESSING ON THE QUALITY OF PERSONNEL AND COUNSELING DECISIONS

AFOSR68-2195

COUNTER

A COUNTER FOR THE MEASUREMENT OF THE ATMOSPHERIC AND EARTH LEAKAGE FLUX OF SECONDARY COSMIC RAY NEUTRONS

AFCLRL67-0493

COUNTEREXAMPLES

ORILL-HEARN-GERASIMOV SUM RULE EXAMPLES AND COUNTEREXAMPLES

AFOSR68-0138

COUNTERMEASURES

SIMULATION STUDY OF INFRARED COUNTERMEASURES

ARL 68-1298

COUNTERS

ANTINORMALLY ORDERED CORRELATIONS AND QUANTUM COUNTERS

AFOSR67-0396

COUNTING

SYNCHRONOUS DETECTION VS PULSE COUNTING FOR SENSITIVE PHOTOMULTIPLIER DETECTION SYSTEMS
 APPROXIMATE FORMULAS FOR PHOTOELECTRIC COUNTING DISTRIBUTIONS
 DYNAMICAL COMPUTATION OF PHOTON CORRELATIONS AND COUNTING STATISTICS
 INVESTIGATION OF THE LIGHT SCATTERING TECHNIQUE FOR COUNTING AND SIZE DETERMINATION OF MICRON-SIZED METEORITES FINAL

AFOSR68-2117
 AFCLRL67-0523
 AFOSR67-2283
 AFCLRL67-0620

COUNTRIES

TRANSFER OF TECHNOLOGY TO DEVELOPING COUNTRIES
SOCIAL PSYCHOLOGICAL RESEARCH IN DEVELOPING COUNTRIES

AFOSR67-0081
AFOSR68-2164

COUNTS

ELEMENTARY PATH COUNTS
RE-EXAMINATION OF THE SOURCE COUNTS FOR THE JC REVISED CATALOGUE
POISSON TRANSFORM CHARACTERIZATION OF PHOTOELECTRIC COUNTS

AFOSR68-0249
AFOSR68-1087
AFOSR68-0033

COUNTY

POSITION OF THE COUNTY IN THE ADMINISTRATIVE SYSTEM
AN INTERTEMPORAL ANALYSIS OF THE DEFENSE IMPACT UPON A LOCAL COMMUNITY CASE STUDY OF EL PASO COUNTY COLORADO 1941 1968

AFOSR68-2303
SRL 68-0001

COUPLED

COUPLED WAVE EQUATIONS FOR MULTI-MODE INHOMOGENEOUS MEDIA II
COUPLED CHANNEL SCHRÖDINGER-EQUATION MODEL FOR NEUTRON-ALPHA AND DEUTERON-TRITON SCATTERING I
COUPLED EQUATIONS FOR SCATTERING AMPLITUDES AND MADRONIC CURRENTS
COUPLED CHANNEL ANALYSIS OF PROTON SCATTERING FROM ^{19}F
ON COUPLED VAN DER POL OSCILLATORS
RADIATION COUPLED SHOCK LAYER INCLUDING UPSTREAM ABSORPTION EFFECTS
RADIATION COUPLED VISCOUS FLOWS
FLOW WITH COUPLED RADIATIVE AND VIBRATIONAL NONEQUILIBRIUM IN A DIATOMIC GAS
SOLUTION OF COUPLED EQUATIONS BY R-MATRIX TECHNIQUES
INFRARED MASEH COUPLED RESONATOR AND FARADAY ROTATION TECHNIQUES FOR EXPERIMENTAL IONIZED GAS DIAGNOSTICS
MECHANOCHEMISTRY OF COUPLED CONTRACTILE AND CHEMICAL RATE PROCESSES FINAL REPORT DEC 1967
RAMAN SCATTERING BY COUPLED PLASMONS - LO PHONON MODES IN ZNE-TYPE CRYSTALS
QUANTUM STATISTICS OF COUPLED OSCILLATOR SYSTEMS
MAGNETORESISTANCE OF STRAY-FIELD COUPLED FILMS
NORMAL FORM AND STABILITY OF A CLASS OF COUPLED NONLINEAR NETWORKS
ON THE STABILITY CONSTRAINTS AND OSCILLATORY BEHAVIOR OF COUPLED SYSTEMS
THE KAKATOYA AIR-SEA WAVES AN EXAMPLE OF PULSE PROPAGATION IN COUPLED SYSTEMS
TRANSMISSION LINE MODELS OF MAGNON-PHONON MODES IN PFRFETES PART II COUPLED MODES
TRACE DETERMINATION OF OXYGEN BY REACTION WITH PENTACYANOCOBALTATE /II/ COUPLED TO COORDINATION CHAIN
ON THE STATISTICAL INTERPRETATION OF THERMODYNAMIC ENTROPY IN A STRONGLY COUPLED GAS

AFCLRL67-0644
AFOSR67-0224
AFOSR67-0886
AFOSR68-0901
AFOSR67-1255
AFOSR68-0849
AFOSR68-1885
AFOSR68-1895
AFOSR68-0851
AFOSR67-0826
AFOSR68-0797
ARL 67-1300
AFCLRL68-0059
AFOSR68-0164
AFOSR68-0076
AFOSR67-2496
AFOSR68-1433
AFCLRL67-0314
AFOSR67-2684
AFOSR67-1382

COUPLED-CURRENT

STUDIES OF THERMALLY ACTIVATED COUPLED-CURRENT PROCESSES FINAL REPORT NO. 1 1967

AFOSR67-2789

COUPLER

AN INVESTIGATION OF A VARIABLE WAVEGUIDE COUPLER WITH 360 DEGREES OF PHASE CONTROL

AFCLRL67-0090

COUPLING

COUPLING OF OPTO-ELECTRONIC DEVICES BY A THIN-FILM TRANSMISSION LINE
COUPLING BETWEEN NUCLEAR AND ELECTRONIC MOTION IN DIATOMIC MOLECULES
PHONON COUPLING IN EDGE EMISSION AND PHOTOCONDUCTIVITY OF CDSE CDS AND CO/SE S
EXCHANGE COUPLING AND CONDUCTION-ELECTRON POLARIZATION IN METALS
INDIRECT COUPLING OF PHOTONS TO THE SURFACE PLASMON
CORIOLIS COUPLING AND NUCLEAR PROPERTIES
THE PARAMETRIC COUPLING OF MODES OF PROPAGATION IN NONLINEAR MEDIA
14N-QUADRUPOLE COUPLING IN THE MICROWAVE SPECTRUM OF CYANAMIDE NH₂CN
MULTI-MODE WAVE COUPLING IN INHOMOGENEOUS ANISOTROPIC MEDIA - WITH SOME MAGNETODIODE APPLICATIONS
VICINAL 1H-199MG COUPLING CONSTANTS
RESONANT POLARON COUPLING IN SEMICONDUCTORS
STRUCTURE AND GE-73 COUPLING OF THE GEM SUBSCRIPT 3 RADICAL
EXTERNAL SPIN-ORBIT COUPLING PHENOMENA
ANALYSIS OF RADIATION INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS
ANALYSIS OF RADIATION-INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS FINAL REPORT FEB 1968
TUNGSTEN-PHOSPHORUS SPIN-SPIN COUPLING IN TUNGSTEN CARBONYL DERIVATIVES
TEMPERATURE-DEPENDENT HYPERFINE COUPLING CONSTANTS OF H₂ PLUS IN FLUORIDES
AN EXPLICIT RELATION BETWEEN MUTUAL COUPLING AND THE PATTERN OF AN ANTENNA ARRAY
SOLVENT EFFECTS ON THE BORON-FLUORINE COUPLING CONSTANT AND ON FLUORINE EXCHANGE IN THE TETRAFLUOROBORATE ANION
SIDEWISE DISPERSION RELATIONS AND THE AXIAL-VECTOR COUPLING CONSTANT
FEW NUCLEON PROBLEM THE NEUTRIN PLUS HELIUM 4 PROCESS INCLUDING COUPLING TO THE D PLUS T PROCESS IN THE 20 MINUS MEV
THE EFFECT OF ORIENTATION OF DEGENERATE COORDINATES ON CORIOLIS COUPLING CONSTANTS
PLANE WAVE PROPAGATION IN THE HALF SPACE WITH RANDOM EXCITATION AND COUPLING BETWEEN STRESS AND TEMPERATURE FIELD
ELECTRON SPIN RESONANCE OF PERFLUOROCYCLOBUTANONE KETYL LONG-RANGE FLUORINE COUPLING
INFRA-RED MAGNETO-OPTICAL STUDIES OF LINE-WIDTH ANOMALIES CAUSED BY RESONANT POLARON COUPLING TO MAGNETIC STATES IN

AFOSR67-0262
AFOSR67-1975
ARL 67-0032
AFOSR67-0596
AFOSR68-1829
ARL 67-1178
AFOSR68-0827
AFOSR68-2751
AFCLRL68-0067
AFOSR67-0589
ARL 68-1373
AFOSR68-1950
ARL 67-1164
AFCLRL67-0571
AFCLRL68-0200
AFOSR68-1260
AFOSR68-1450
AFOSR67-0465
AFOSR68-1412
AFOSR67-1711
AFOSR67-0672
AFOSR68-2846
AFOSR67-0652
AFOSR68-2876
ARL 68-1374

COUPLINGS

SCALE OF MESON AND RAYON COUPLINGS AND UNIVERSALITY IN THE ALGEBRA OF FACTORIZED RESIDUES
LONG-RANGE JIP SUPER 1H SPIN-SPIN COUPLINGS IN BENZYL AND TOLYL PHOSPHORUS COMPOUNDS
COVARIANT ANALYSIS OF QUARK COMMUTATORS AND ELECTROMAGNETIC COUPLINGS

AFOSR68-2738
AFOSR67-2373
AFOSR67-0584

COURSE

STEREOCHEMICAL COURSE OF THE FREE-RADICAL ADDITION OF HYDROGEN BROMIDE TO 1-CHLORO-4-T-BUTYLCYCLOHEXENE
AN INTRODUCTORY COURSE IN COMPUTER PROGRAMMING

AFOSR68-2564
AFOSR67-2808

COVALENTLY

THE EFFECTIVE SHAPE OF THE COVALENTLY BOUND FLUORINE ATOM

AFOSR68-2757

COVARIANCE

TESTS FOR THE EQUALITY OF COVARIANCE MATRICES UNDER THE INTRACLASSE CORRELATION MODEL
SELECTION PROCEDURES BASED ON COVARIANCE MATRICES OF MULTIVARIATE NORMAL POPULATIONS
APPROXIMATE EIGENSYSTEMS OF LARGE COVARIANCE MATRICES
SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES AGAINST CERTAIN ALTERNATIVES FINAL REPORT MARCH 1967
SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES AGAINST CERTAIN ALTERNATIVES FINAL REPORT SEP 1968

ARL 67-0206
ARL 67-1271
AFCLRL68-0392
ARL 67-0044
ARL 68-0169

COVARIANCES

ASYMPTOTIC VARIANCES AND COVARIANCES OF MAXIMUM-LIKELIHOOD ESTIMATORS FROM CENSORED SAMPLES OF THE PARAMETERS OF

ARL 67-0130

COVARIANT

COVARIANT ANALYSIS OF QUARK COMMUTATORS AND ELECTROMAGNETIC COUPLINGS
COVARIANT DECOMPOSITION OF A TENSOR AND THE GRAVITATIONAL CAUCHY PROBLEM /FRENCH/
COVARIANT DECOMPOSITION OF SYMMETRIC TENSORS AND THE GRAVITATIONAL CAUCHY PROBLEM
COVARIANT THEORY OF THE DISINTEGRATION OF THE DEUTERON BY PIONS AND PHOTONS AT HIGH ENERGY

AFOSR67-0584
AFOSR67-1473
AFOSR68-0112
AFOSR68-1363

COVARIANT - CONTINUED

COVARIANT DECOMPOSITION AND ENERGY OF THE GRAVITATIONAL FIELD /RENCH/	AFOSR66-2329
ON THE COVARIANT FORMULATION OF CLASSICAL RELATIVISTIC STATISTICAL MECHANICS	AFOSR66-1029
SOME CONSEQUENCES OF THE SATURATION OF COVARIANT SUM RULES DERIVED FROM QUARK CHARGE-COMMUTATION RELATIONS	AFOSR66-1378
COVARIATION	
PERIODIC COVARIATION OF RADIOWAVE ABSORPTION EARTH CURRENTS AND OTHER ASSOCIATED PHENOMENA IN THE AURORAL ZONE	AFCL67-0248
COVERING	
DISCRETE SERIES FOR THE UNIVERSAL COVERING GROUP OF THE 3 PLUS 2 DE SITTER GROUP	AFOSR67-1620
CRAB	
OBSERVATION OF GAMMA RADIATION FROM THE CRAB NEBULA	AFOSR66-0486
AN UPPER LIMIT TO CURCULARLY POLARIZED RADIATION FROM THE CRAB NEBULA	AFOSR66-1048
CRACK	
DIFFRACTION OF A PLANE PULSE BY A CLOSED CRACK AT THE INTERFACE OF ELASTIC SOLIDS	AFOSR66-2485
THE STRESS INTENSITY FACTOR FOR A GRIFFITH CRACK IN AN ELASTIC BODY IN WHICH BODY FORCES ARE ACTING	AFOSR66-0815
THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK WHOSE SURFACES ARE LOADED ASYMMETRICALLY	AFOSR66-0853
THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK IN AN ELASTIC BODY IN WHICH THERE IS AN ASYMMETRICAL DISTRIBUTION OF	AFOSR66-582
THE STRESS INTENSITY FACTOR FOR A PENNY-SHAPED CRACK IN AN ELASTIC BODY UNDER THE ACTION OF SYMMETRIC BODY FORCES	AFOSR66-0832
A NOTE ON THE THERMOELASTIC PROBLEM FOR A PENNY-SHAPED CRACK	AFOSR66-1847
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A GRIFFITH CRACK IN AN ELASTIC SOLID IN WHICH BODY FORCES ARE ACTING	AFOSR66-1760
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A PENNY-SHAPED CRACK IN AN ELASTIC SOLID UNDER THE ACTION OF SYMMETRIC	AFOSR66-1835
CRACKING	
TRANSGRANULAR STRESS-CORROSION CRACKING MECHANISMS IN HIGH-PURITY AUSTENITIC STAINLESS STEELS	AFOSR66-1530
CRACKS	
A NOTE OF GRIFFITH CRACKS	AFOSR67-1378
THE DETERMINATION OF THE STRESS INTENSITY FACTORS OF A PAIR OF COPLANAR GRIFFITH CRACKS WHOSE SURFACES ARE LOADED	AFOSR66-2186
CRAYFISH	
RELEASE OF COORDINATED BEHAVIOR IN CRAYFISH BY SINGLE CENTRAL NEURONS	AFOSR67-0267
CREATINE	
EVOLUTION OF CREATINE KINASE	AFOSR67-1462
MULTIPLE MOLECULAR FORMS OF CREATINE KINASES	AFOSR66-1906
THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES II: PHYSICAL AND CHEMICAL PROPERTIES	AFOSR67-0806
THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES I: ISOLATION AND CHARACTERIZATION FROM CHICKEN AND RABBIT TISSUES	AFOSR67-0897
CREATIVE	
ON THE MECHANIZATION OF CREATIVE PROCESSES	AFOSR66-0933
EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES AND CREATIVE ABILITIES FINAL REPORT APRIL 1967	AFOSR67-1523
CREDIBILITY	
SEX OF THE COMMUNICATOR AS A VARIABLE IN SOURCE CREDIBILITY	AFOSR67-1420
RETENTION OF OPINION CHANGE AS A FUNCTION OF DIFFERENTIAL SOURCE CREDIBILITY	AFOSR66-2549
CREEP	
CREEP CHARACTERISTICS OF POLYETHYLENE FILM	AFCL67-0488
CREEP OF INTRINSIC AND GALLIUM-DOPED GERMANIUM	AFOSR67-0348
CREEP STRESS CONCENTRATION AT A CIRCULAR HOLE IN AN INFINITE PLATE	AFOSR67-1399
CREEP BUCKLING OF CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION	AFOSR66-0476
A NOTE ON THE CREEP OF VARIABLE THICKNESS CIRCULAR PLATES	AFOSR66-1773
CREEPING	
RELATION BETWEEN CREEPING WAVES AND LATERAL WAVES ON A CURVED INTERFACE	AFCL66-0093
OPTIMUM QUADRUPOLE CREEPING GAITS	AFOSR66-1846
UNIFORM ASYMPTOTIC THEORY OF CREEPING WAVES	AFCL67-0531
CRITERIA	
CRITERIA FOR QUANTITATIVE SCHLIEREN INTERFEROMETRY	ARL 67-0195
ON THE CRITERIA FOR THE BEST BOGOLUBOV QUASI-PARTICLE	AFOSR66-1186
DIAGNOSTIC CRITERIA FOR THE STUDY OF CHEMICAL AND PHYSICAL PROCESSES BY TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY	AFOSR67-0553
DEVELOPMENT OF DESIGN CRITERIA FOR COMPOSITE MATERIALS	ARL 67-0095
LUMPED NETWORK PASSIVITY CRITERIA	AFOSR66-2860
GROWING WAVE AND INSTABILITY CRITERIA FOR HOT PLASMAS	ARL 66-0333
GROWING WAVE AND INSTABILITY CRITERIA FOR HOT PLASMAS	ARL 66-0336
CRITERION	
REST ENERGY CRITERION AND THE PRINCIPLE OF COMPENSATION OF DANGEROUS DIAGRAMS	AFOSR67-1281
A GEOMETRIC CRITERION FOR ALGEBRAIC VARIETIES	AFOSR66-0705
A STABILITY CRITERION FOR SYSTEMS WITH A SINGLE SLOPE -RESTRICTED MONOTONE NONLINEARITY	AFOSR66-2022
A PERFORMANCE CRITERION FOR ADAPTIVE PATTERN CLASSIFICATION SYSTEMS	AFOSR67-0831
SOME APPLICATIONS OF THE PEAK GAIN CRITERION	ARL 66-1297
RESULTS FOR AN ADDITIONAL FOLLOW-UP CRITERION ON A SAMPLE OF AIR FORCE SCIENTISTS	AFOSR67-0896
RECOGNITION PERFORMANCE AS A FUNCTION OF DETECTION CRITERION IN A SIMULTANEOUS DETECTION-RECALL TASK	AFOSR66-2676
CRITICAL	
CRITICAL CURRENT AND ELECTRON DEPAIRING IN SUPERCONDUCTING FILMS	AFOSR67-0166
CRITICAL DATA OF NIOBIUM NITRIDE IN TRANSVERSE MAGNETIC FIELDS	AFOSR67-2589
CRITICAL GENERATIONNESS IN LARGE LINEAR SYSTEMS	AFOSR66-1525
CRITICAL STRAIN FIELD IN THE VICINITY OF A STABLE FRACTURE	AFOSR66-1769
CRITICAL SURVEY OF MAGNETO-FLUID-DYNAMICS PART I - RESEARCH IN INDIA PART II - RESEARCH IN AUSTRIA AND GERMANY	ARL 66-0062
A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS	AFOSR67-1534
A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS	AFOSR66-1801
A CRITICAL REVIEW OF HETEROGENEOUS MIXING PROBLEMS	ARL 67-0187
A CRITICAL REVIEW OF THE GAS CHROMATOGRAPHY OF METAL CHELATES	ARL 66-1064
SOME CRITICAL REMARKS ON A NEW NUMERICAL METHOD FOR SIMULATION OF DYNAMICAL SYSTEMS	AFOSR67-1018
ON THE CRITICAL LINES OF A GRAPH	AFOSR66-1393
OPTIMUM CRITICAL IMPULSE FOR SNAP-THROUGH IN SYSTEMS OF ONE DEGREE OF FREEDOM	AFOSR67-1511

SUPERCONDUCTING CRITICAL TEMPERATURES OF NONSTOICHIOMETRIC TRANSITION METAL CARBIDES AND NITRIDES
 SUPERCONDUCTING CRITICAL FIELDS CURRENTS AND TEMPERATURES IN THE Nb-Zr-N TERNARY SYSTEM
 THERMODYNAMICS OF CRITICAL POINTS
 OPTIMIZATION OF THE CRITICAL INSTRUMENTAL PARAMETERS FOR ACHIEVING MAXIMUM SENSITIVITY AND PRECISION IN
 HEAT CAPACITY IN THE CRITICAL REGION OF XENON
 REACTIONS IN LIQUIDS AT CRITICAL CONDITIONS - DECOMPOSITION OF BENZOYL PEROXIDE
 IMPURITY DEPENDENCE OF THE CRITICAL FIELD IN ANISOTROPIC SUPERCONDUCTORS
 THE RATIO OF THE UPPER TWO CRITICAL FIELDS IN PURE Nb
 ELECTRIC FIELD EFFECT ON THE CRITICAL OPALSCENCE II RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS
 EXPERIMENTAL INVESTIGATIONS OF CRITICAL PHENOMENA PUBLISHED IN REPORTS ON PROGRESS IN PHYSICS V30 P731-826 1967
 DEPENDENCE OF THE SUPERCONDUCTING CRITICAL TEMPERATURE ON δ RUPRECHT PP744-747 1966
 CONTINUOUS GAS MIXING BY THE USE OF CRITICAL FLOW THROUGH SMALL DIAMETER TUBES
 ORTHORHOMBIC DENSITY OF HELIUM THREE IN THE CRITICAL REGION
 CONCENTRATION FLUCTUATIONS IN THE VICINITY OF THE CRITICAL POINT FINAL REPORT SEPT 1967
 ULTRASONIC ATTENUATION IN A PURE TYPE II SUPERCONDUCTOR NEAR THE UPPER CRITICAL FIELD
 SIMPLIFICATION AND SYMMETRIZATION OF THE FIKKAN RELATION FOR VISCOSITY OF CRITICAL MIXTURES
 EXPERIMENTAL STUDY OF THE SHAPE OF THE COEXISTENCE CURVE OF ARGON NEAR THE CRITICAL STATE
 MEASUREMENT OF RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS BY THE ELECTRIC FIELD EFFECT ON CRITICAL OPALSCENCE
 MEASUREMENT OF DIFFUSION-LIMITED VAPORIZATION RATES BY CONDENSATION WITHIN THE THERMAL BOUNDARY LAYER I THE CRITICAL

APOS67-0103
 APOS67-0103
 APOS68-1790
 APOS68-0394
 APOS68-0391
 APOS68-1222
 APOS67-0701
 APOS68-1632
 APOS67-2187
 APOS68-0268
 APOS67-0374
 APOS67-1028
 APOS67-2330
 APOS67-2300
 APOS68-0423
 APOS67-1261
 APOS68-1662
 APOS67-2179
 APOS68-1202

CRITICAL-FIELD

CRITICAL-FIELD MEASUREMENT OF SUPERCONDUCTING TUNGSTEN AS RELATED TO THE CERIUM-MAGNESIUM-NITRATE TEMPERATURE SCALE

APOS68-1874

CROSS

STOPPING CROSS SECTIONS IN BORON OF LOW ATOMIC NUMBER ATOMS WITH ENERGIES FROM 15 TO 140 KEV
 DETERMINATION OF CROSS SECTIONS FROM MEASUREMENTS ON CYLINDRICAL CASCADE ARCS
 REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING CUB
 REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING CUB
 REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING CUB FINAL REPORT JAN 1968
 NUCLEAR FERMION-DIPOLAR CROSS RELAXATION TIMES
 OSCILLATIONS IN THE TOTAL CROSS SECTION FOR RESONANT CHARGE TRANSFER IN LITHIUM - LITHIUM ION COLLISION
 DIRECT ELECTRON EXCITATION CROSS SECTIONS PERTINENT TO THE ARGON ION LASER
 VELOCITY DEPENDENCE OF TOTAL CROSS SECTION FOR THERMAL ENERGY ATOM-MOLECULE SCATTERING
 STUDY OF ELECTRONIC COLLISION CROSS SECTIONS FINAL REPORT JAN 1968
 WOPF ZEROS OF BESSEL FUNCTION CROSS PRODUCTS FINAL REPORT DECEMBER 1968
 MEASUREMENT OF THE LI-Hg TOTAL CROSS SECTION AT VERY LOW ENERGIES
 NUMERICAL ANALYSIS OF HADRON TOTAL CROSS SECTIONS IN THE QUARK MODEL
 THE DYNAMICS OF A BEAM OF HANGING CROSS SECTION
 INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD CUB
 INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD CUB
 INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD CUB
 DETERMINATION OF OPTICAL EXCITATION CROSS SECTIONS IN ATOMIC COLLISIONS FINAL REPORT FEB 1967
 MEASUREMENT OF ION-ION NEUTRALIZATION CROSS SECTIONS FINAL REPORT JULY 1968
 DETERMINATION OF ZERO-NUCLEON TOTAL CROSS SECTIONS FROM COHERENT PHOTOIONIZATION
 DETERMINATION OF PARTIAL PHOTOIONIZATION CROSS SECTIONS BY PHOTOELECTRON SPECTROSCOPY
 ABSOLUTE MEASUREMENT OF INELASTIC COLLISION CROSS SECTIONS FOR VIBRONIC EXCITED STATES
 COHERENCE PROPERTIES OF BLACKBODY RADIATION III CROSS- SPECTRAL TENSORS
 EFFECT OF BOND FORMATION ON ELECTRON SCATTERING CROSS SECTIONS FOR MOLECULES
 CHINESE ATTITUDINAL REACTIONS TO FORCED COMPLIANCE A CROSS- CULTURAL EXPERIMENT IN THE THEORY OF COGNITIVE DISSONANCE
 HIGH INTENSITY NOZZLE BEAM SOURCE FOR USE IN MOLECULAR TOTAL CROSS SECTION MEASUREMENTS
 MOTION OF A SHOCK WAVE THROUGH TUBES OF CONVERGING OR DIVERGING CROSS SECTION
 EXPERIMENTAL INVESTIGATION OF THE MODIFICATION OF THE BACKSCATTERING CROSS SECTIONS OF METALLIC OBJECTS
 FLOW AND HEAT TRANSFER PHENOMENA OF PLASMA ARCS MAGNETICALLY BALANCED IN A CROSS FLOW
 ABSOLUTE MEASUREMENTS OF THE 2 SUPER 1 P AND 2 SUPER 3 P ELECTRON EXCITATION CROSS SECTIONS OF HELIUM ATOMS

APOS67-1756
 ARL 67-0263
 AFCL67-0008
 AFCL67-0239
 AFCL68-0225
 APOS67-1041
 APOS68-1980
 APOS67-2617
 APOS67-2049
 APOS68-2307
 ARL 68-0209
 APOS67-2258
 APOS68-1371
 APOS68-1580
 AFCL67-0574
 AFCL68-0139
 AFCL68-0248
 APOS67-0940
 AFCL68-0442
 APOS67-0575
 APOS68-1049
 APOS68-0048
 APOS67-2730
 APOS68-0210
 APOS67-0960
 APOS68-0905
 APOS67-0567
 AFCL68-0548
 ARL 67-1335
 APOS68-1128

CROSS-CORRELATION

SPACE-TIME CROSS-CORRELATION FUNCTIONS FOR ANTENNA ARRAY ELEMENTS IN A NOISE FIELD

APOS67-0464

CROSS-CULTURAL

A CROSS-CULTURAL STUDY OF AUTHORITARIANISM
 ATTITUDES TOWARD CIVIL LIBERTIES A CROSS-CULTURAL STUDY

APOS67-1660
 APOS67-0835

CROSS-FLOW

DIAGNOSTICS ON STEADY-STATE CROSS-FLOW ARCS, I. LOW CURRENT, FINAL REPORT MAY 1968
 DIAGNOSTICS ON STEADY-STATE CROSS-FLOW ARCS
 OSCILLATIONS OF ELECTRIC ARCS IN ARGON CROSS-FLOW

ARL 68-0109
 ARL 68-1194
 ARL 67-0265

CROSS-SECTION

POSSIBLE VANISHING OF STRONG INTERACTION CROSS-SECTION AT INFINITE ENERGIES
 TRANSFORMATIONS AND AVERAGING PROCESSES FOR DIFFERENTIAL CROSS-SECTION MEASUREMENTS AT THERMAL ENERGIES

APOS67-0273
 APOS68-1583

CROSS-SECTIONS

COLLISION CROSS-SECTIONS OF FORBIDDEN LINES OF THE 2S_{1/2} SUPERQ AND 3S_{1/2} SUPERQ CONFIGURATIONS
 GROUP THEORETICAL RELATIONSHIPS BETWEEN BARYON-BARYON SCATTERING CROSS-SECTIONS

ARL 67-1324
 APOS68-0746

CROSSED

THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND
 THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND
 UNIFORM-FIELD SPARKING VOLTAGES OF GASES IN CROSSED MAGNETIC FIELDS
 THE DIELECTRIC CONSTANT OF BLOCH ELECTRONS IN CROSSED ELECTRIC AND MAGNETIC FIELDS
 EXPERIMENTAL INVESTIGATION OF PLASMA MICROINSTABILITIES IN CROSSED MAGNETIC AND AC ELECTRIC FIELDS
 PHOTON-ASSISTED MAGNETOTUNNELING IN GERMANIUM IN PARALLEL AND CROSSED ELECTRIC AND MAGNETIC FIELDS
 AN ANALYTICAL STUDY OF A FLUID CYLINDER ARC MODEL BALANCED BY CROSSED MAGNETIC AND FLOW FIELDS FINAL REPORT JAN 1968
 THEORY OF TUNNELING INCLUDING PHOTON-ASSISTED TUNNELING IN SEMICONDUCTORS IN CROSSED AND PARALLEL ELECTRIC AND

AFCL67-0033
 AFCL68-0017
 AFCL68-0535
 APOS67-0591
 AFCL68-0044
 APOS68-0178
 ARL 68-0010
 APOS68-0336

CROSSED-FIELD

COMPUTER EXPERIMENTS ON LOW DENSITY CROSSED-FIELD ELECTRON BEAMS

APOS67-1794

CROSSING

DAUGHTERS FROM ANALYTICITY PLUS CROSSING SYMMETRY
 LOW-LIVING EXCITED TRIPLET STATES AND INTERSYSTEM CROSSING IN AROMATIC HYDROCARBONS

APOS67-2701
 ARL 67-1089

CROSSING-SYMMETRIC

EXISTENCE OF SOLUTIONS OF CROSSING-SYMMETRIC N/D EQUATIONS

APOS68-2216

CROSSSECTIONAL	
SPACE-TIME RESOLVED WACH-ZEMMEL INTERFEROMETER MEASUREMENTS OF CROSSSECTIONAL ELECTRON DISTRIBUTION IN THETA-PICH	AFOSR68-0878
CRUST	
TECTONIC FEATURES OF THE FARMS CRUST AND UPPER MANTLE FINAL REPORT APR 1967	AFOSR67-1797
CRUSTACEA	
LOCALIZATION OF MONOAMINERGIC NEURONS IN THE CENTRAL NERVOUS SYSTEM OF ASTACUS ASTACUS LINNE /CRUSTACEA/	AFOSR67-0105
CRUSTAL	
CRUSTAL STUDY OF A CONTINENTAL STRIP FROM THE ATLANTIC OCEAN TO THE ROCKY MOUNTAINS	AFOSR67-0316
CRUSTAL STRUCTURE OF THE MEDITERRANEAN SEA BY SURFACE WAVES PART I GROUP VELOCITY	AFOSR67-2142
CRUSTAL STRUCTURE OF THE MEDITERRANEAN SEA PART II PHASE VELOCITY AND TRAVEL TIMES	AFOSR67-2415
SEISMIC DIFFRACTION BY CRUSTAL DISCONTINUITIES FINAL REPORT JAN 1967	AFOSR67-0122
CONTINUATION OF BASIC RESEARCH IN CRUSTAL STUDIES FINAL REPORT JULY 1967	AFOSR67-1881
PRELIMINARY RESULTS OF AN INVESTIGATION OF CRUSTAL STRUCTURE IN SOUTHEASTERN EUROPE	AFOSR67-2158
STUDY OF SEISMICITY MECHANICS OF FAULTING AND CRUSTAL STRUCTURE WITHIN THE BASIN AND ADJOINING PROVINCES	AFOSR67-0829
SITE SELECTION FOR A SEISMIC ARRAY STATION AND CRUSTAL STUDIES IN NORWAY 1965 FINAL REPORT FEB 1967	AFOSR67-1370
CRYOGENIC	
CRYOGENIC PHYSICS RESEARCH FINAL REPORT FEB 1967	AFOSR67-0664
HIGH POWER CRYOGENIC AND SUPERCONDUCTING MAGNET TECHNOLOGY	ARL 68-1305
GRMINE VII 1-15 CRYOGENIC INTERFEROMETER CALIBRATIONS	AFOSR67-0391
MAGNETIC AND OPTICAL MEASUREMENTS ON IRON GROUP IMPURITIES IN TiB-VIA COMPOUNDS AT CRYOGENIC TEMPERATURE	ARL 67-1203
CRYOGENICS	
EXPERIMENT IN CRYOGENICS FOR THE UNDERGRADUATE	AFOSR67-2189
CRYOSCOPIC	
ION RADICALS XIII SPECTROSCOPIC AND CRYOSCOPIC CHARACTERIZATION OF IONS AND ION RADICALS FROM PHENOTHIAZINE AND	AFOSR68-0420
CRYOSTATS	
USE OF NEON EXCHANGE GAS FOR PRECOOLING HELIUM CRYOSTATS	AFOSR67-1709
CRYPT	
STUDIES IN PROBLEM SOLVING SUBJECT 3 ON THE CRYPT- ARITHMETIC TASK DONALD PLUS GERALD EQUALS ROBERT	AFOSR67-2189
CRYSTAL	
CRYSTAL CHEMISTRY AND MAGNETIC RESONANCE PROPERTIES OF THE VANADATE GARNETS FINAL REPORT OCT 1968	AFOSR68-0467
CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED FERRIC OXIDE BY THE FLUX METHOD AND SEGREGATION STUDIES OF IRON	AFOSR67-0353
CRYSTAL STRUCTURE OF A 1:1 MIXTURE OF TWO IRON CARBONYL SULFUR COMPLEXES	AFOSR67-0727
CRYSTAL GROWTH STUDIES OF THE ALKALI METALS THE RARE EARTHS AND COBALT FINAL REPORT AUG 1967	AFOSR67-1892
CRYSTAL CHEMISTRY OF ABSORBED STRUCTURES I INVESTIGATIONS ON ABSORBED SECTIONS IN THE TERNARY SYSTEMS RARE EARTH-ALUMINUM-	AFOSR67-2737
CRYSTAL CHEMISTRY OF NEW HIGH-PRESSURE PHASES FINAL REPORT JAN 1968	AFOSR68-0342
CRYSTAL CHEMISTRY OF SODIUM SCANDIUM TITANATE AND ITS ISOMORPHS	AFOSR68-1476
CRYSTAL STRUCTURE AND MOLECULAR MOTION OF SOLID CARBON DISULFIDE	AFOSR68-1813
CRYSTAL SPECTROSCOPY AT THE JOHNS HOPKINS UNIVERSITY	AFOSR68-2114
CRYSTAL GEOMETRY OF FIRST ORDER PHASE TRANSFORMATIONS	ARL 67-1155
CRYSTAL GROWTH AND OPTICAL PROPERTIES OF II-VI MATERIALS	ARL 68-1040
THE CRYSTAL STRUCTURE OF BASIC ZIRCONIUM SULPHATE TETRAHYDRATE	AFOSR67-1309
THE CRYSTAL STRUCTURE OF POTASSIUM ALUMINATE	AFOSR67-1310
THE CRYSTAL STRUCTURES OF RARE-EARTH MONOSILICIDES	AFOSR67-1752
THE CRYSTAL CHEMISTRY OF SELECTED ABSORBED RARE EARTH COMPOUNDS WITH SELENIUM TELLURIUM AND ANTIMONY	AFOSR67-2485
THE CRYSTAL AND MOLECULAR STRUCTURE OF 1-METHYLANINO-7-METHYLINO-1,3,5-CYCLOHEPTATRIENE	AFOSR68-0442
THE CRYSTAL STRUCTURE OF THE HEXAHYDRATED CALCIUM SALT OF HEXACYANOISOBUTYLENE	AFOSR68-0483
THE CRYSTAL AND MOLECULAR STRUCTURE AND THE SOLUTION CONFORMATION OF DIMETHYLGOLD /III/ HYDROXIDE AN INORGANIC	AFOSR68-2863
HOST CRYSTAL EFFECTS ON THE ELECTRON PARAMAGNETIC RESONANCE OF ERBIUM AND TRIVALENT YTTERBIUM (IN II-VI COMPOUNDS	AFOSR67-0707
ON THE CRYSTAL DEFECTS THAT CAUSE AN ELECTROLUMINESCENCE PART 2 FINAL REPORT OCT 1967	AFOSR68-0474
LINEAR CRYSTAL MOMENTUM VALPANCE-BAND SPLITTING IN INDIUM ANTIMONIDE	AFOSR68-1469
ROTATING CRYSTAL SPECTROMETERS WITH AND WITHOUT AN AUXILIARY DEVICE FOR SUPPRESSION OF UNWANTED REFLECTIONS	AFOSR67-2697
THE GEOMETRY OF CRYSTAL BOUNDARIES	ARL 67-1158
THE DYNAMICS OF CRYSTAL LATTICES WITH DEFECTS	ARL 68-1154
STUDY OF ALUMINA CRYSTAL STRUCTURES. AUTOMATION OF THE VERNEUIL PROCESS/ FINAL REPORT MAR 1967	AFOSR67-0148
INVESTIGATION OF CRYSTAL IMPERFECTIONS BY MEANS OF LASER LIGHT SCATTERING	AFOSR67-0648
THE EVOLUTION OF CRYSTAL SHAPE A COMPUTER MODEL	AFOSR68-1529
THREE-DIMENSIONAL CRYSTAL STRUCTURE OF BENZENECHROMIUM TRICARBONYL WITH FURTHER COMMENTS ON THE OIBENZENECHROMIUM	AFOSR67-0725
RESEARCH ON SINGLE CRYSTAL ELECTRON EMITTERS FINAL REPORT NOV 1967	AFOSR67-0669
DEFECTS NEAR IONIC CRYSTAL SURFACES	AFOSR67-2392
DEPOSITION OF SINGLE CRYSTAL OXIDE FILMS BY EVAPORATION AND SPUTTERING FINAL REPORT AUG 1967	AFOSR68-2308
CHEMICAL DYNAMICS ON CRYSTAL SURFACES FINAL REPORT SEPT 1968	ARL 67-0139
ADSORPTION ON SINGLE CRYSTAL PLANES. FINAL REPORT SEP 1967	AFOSR68-2108
ADSORPTION ON SINGLE CRYSTAL PLANES	ARL 67-1088
PROPERTIES OF A HARMONIC CRYSTAL IN A STATIONARY NONEQUILIBRIUM STATE	AFOSR67-2618
PENTACOORDINATE SILICON THE CRYSTAL STRUCTURE OF DIMETHYLSILYLAMINE PENTAMER	AFOSR68-0041
ONE-BAND ONE-SITE MODEL FOR CRYSTAL IMPERFECTIONS	AFOSR68-1510
CORRECTION TO THE ENERGY OF A CRYSTAL IN THE /ALTERNATE MOLECULAR ORBITAL/ APPROXIMATION	AFOSR67-1970
CYCLOTRON RESONANCE IN SINGLE CRYSTAL GRAPHITE AT 72 /GIGAHERTZ/	AFOSR67-2727
HIGH PRESSURE HIGH TEMPERATURE CRYSTAL GROWTH SYSTEM	AFOSR67-0656
SOLID FLUORINE AND SOLID CHLORINE CRYSTAL STRUCTURES AND INTERMOLECULAR FORCES	AFOSR68-2755
RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS	ARL 67-1070
RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS FINAL REPORT MAY 1968	ARL 68-0096
CLEAVAGE FEATURES IN A DOMAIN /TWIN/ CRYSTAL	AFOSR67-1503
INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SILICON CARBIDE BY THE TRAVELLING SOLVENT AND OTHER METHODS	AFOSR67-0909
INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SiC BY THE TRAVELLING SOLVENT AND OTHER METHODS FINAL REPORT APR 1968	AFOSR68-0288
BINDING AND MOBILITY OF METAL ATOMS ON CRYSTAL SURFACES FINAL REPORT JULY 1968	AFOSR68-1645
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART I AT KENT STATE UNIVERSITY AUGUST 16-20 1965	AFOSR67-0972
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART II AT KENT STATE UNIVERSITY AUGUST 16-20 1965	AFOSR67-0973
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART III AT KENT STATE UNIVERSITY AUGUST 16-20 1965	AFOSR67-0974
APPROACH TO MAGNETIC SATURATION IN SINGLE CRYSTAL THULIUM AT 42 SUPER O K AND 140 KG	AFOSR67-2747
SLOW ELECTRON SCATTERING FROM ONE-DIMENSIONAL CRYSTAL MODELS	AFOSR68-0403
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF AMMONIUM TRIFLUOROACETATE	AFOSR67-1476
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF GUANINE HYDROCHLORIDE DIHYDRATE	AFOSR68-0163
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF DEOXYADENOSINE MONOHYDRATE	AFOSR68-2236
SYMMETRY PROPERTIES OF THE NORMAL VIBRATIONS OF A CRYSTAL	AFOSR68-0863
IN TRAVELLING REFLECTIVITY STUDIES OF COS/SE SINGLE CRYSTAL SOLID SOLUTIONS	ARL 67-1013
MICROSCOPIC THEORY OF LATTICE RAMAN SCATTERING IN CRYSTAL CONTAINING IMPURITIES	ARL 68-1414
TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES	AFOSR67-1452
ANHARMONIC CONTRIBUTIONS TO THE HELMHOLTZ FREE ENERGY OF A SIMPLE CRYSTAL MODEL HIGH-TEMPERATURE LIMIT AND ZERO-POINT	AFOSR68-0553

CRYSTAL - CONTINUED

ON THE INTERPRETATION OF THE FACTOR GROUP SPLITTING IN NAPHTHALENE CRYSTAL
METHOD FOR PRODUCTION OF BLAZED OPTICAL DIFFRACTION GRATINGS FROM SINGLE CRYSTAL MATERIALS
AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF II-VI COMPOUND SINGLE CRYSTAL PLATELETS
A COMPUTER PROGRAM FOR CALCULATING SECTIONS OF THE RECIPROCAL LATTICE OF ANY CRYSTAL SYSTEM
AFOSR67-1671
AFOSR68-0333
ARL 67-0289
ARL 68-0201

CRYSTAL-FIELD
CRYSTAL-FIELD SPLITTING OF ORTHOHYDROGEN IN SOLID PARAHYDROGEN
AFOSR68-1817

CRYSTAL-STRUCTURE
THE DIFFERENCE FOURIER-TRANSFORM /OPT/ METHOD FOR DIRECT CRYSTAL-STRUCTURE DETERMINATION
AFOSR67-2661

CRYSTALLINE
RAMAN SPECTRUM OF CRYSTALLINE BENZENE
THEORETICAL CONSTITUTION OF CRYSTALLINE SOLIDS
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS FINAL REPORT JUNE 1967
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
THE DIRECT OBSERVATION OF INDIVIDUAL CRYSTALLINE DISLOCATIONS
PHONON EFFECTS IN THE UV SPECTRUM OF CRYSTALLINE HEXAMETHYLBENZENE
MEASURED RELATIVE ENTHALPY OF ANHYDROUS CRYSTALLINE ALUMINUM TRIFLUORIDE FROM 273 TO 1173 DEGREES K AND DERIVED
ANALYSIS OF THE SKELETAL CONFIGURATION OF CRYSTALLINE MEN 200-WHITE LYSOZYME
RADIATION DAMAGE AND CHEMICAL REACTIONS INDUCED IN CRYSTALLINE SOLIDS BY HIGH-ENERGY PROTON BOMBARDMENT FINAL REPORT
CALCULATION OF PHONON FREQUENCIES AND THERMODYNAMIC PROPERTIES OF CRYSTALLINE BCC HELIUM
RE-EXAMINATION OF THE THEORETICAL INTERPRETATIONS OF THE SPECTRA OF CRYSTALLINE BENZENE AND NAPHTHALENE
INTERMEDIATE EXCITONS IN MOLECULAR CRYSTALS A STUDY OF THE EXCITED STATES OF CRYSTALLINE IODINE
AFOSR67-2443
ARL 68-1422
AFOSR67-2027
AFOSR67-2419
AFOSR68-0470
AFOSR68-1310
AFOSR68-1891
AFOSR68-1958
AFOSR67-1501
AFOSR68-0199
AFOSR67-2014
AFOSR67-2813
AFOSR68-0350
AFOSR68-0167
AFOSR68-2483
AFOSR67-2448

CRYSTALLIZATION
CRYSTALLIZATION OF FERROUS AMMONIUM SULFATE ON A SEED IN MAGNETIC FIELDS UP TO KILO-OERSTED
THE OPTIMIZATION OF SCIENCE-BASED TECHNOLOGY IN THE FIELD OF CRYSTALLIZATION
AFOSR67-1729
AFOSR68-1494

CRYSTALLINOGENESIS
CRYSTALLINOGENESIS FINAL REPORT OCT 1967
AFOSR67-2600

CRYSTALLOGRAPHIC
SEMICONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY CRYSTALLOGRAPHIC IMPERFECTIONS
SEMICONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY CRYSTALLOGRAPHIC IMPERFECTIONS FINAL REPORT MAR 1968
AFOSR67-0564
AFOSR68-0175

CRYSTALLOGRAPHY
THE CRYSTALLOGRAPHY OF SOLID NITROGEN DIOXIDE SODIUM HYPONITRITE FINAL REPORT APRIL 1967
AFOSR67-1029

CRYSTALS
INSULATING CRYSTALS FINAL REPORT FEB 1968
DISORDER IN CRYSTALS
DIFFUSION IN CRYSTALS FINAL REPORT SEPT 1967
THORIA SINGLE CRYSTALS GROWN BY VAPOR DEPOSITION IN A SOLAR FURNACE
IDEAL RARE-GAS CRYSTALS
STUDY OF SINGLE CRYSTALS UNDER THERMAL GRADIENTS /II/ FINAL REPORT JULY 1968
ORDERING IN LIQUID CRYSTALS DUE TO ELECTRIC AND MAGNETIC FIELDS
DEFECTS IN RARE GAS CRYSTALS
PAIR SPECTRA IN COS CRYSTALS
THE GROWTH OF SINGLE CRYSTALS OF THE CHARGE TRANSFER COMPLEXES FINAL REPORT NOV 1967
GROWTH OF ZNO SINGLE CRYSTALS
RARE EARTH METAL SINGLE CRYSTALS II MAGNETIC PROPERTIES OF THULIUM EUROPIUM SAMARIUM AND YTTERBIUM
STAGE II WORK HARDENING IN CRYSTALS
SLIP IN BODY-CENTERED CUBIC CRYSTALS
RESEARCH ON IMPROVED II-VI CRYSTALS
RESEARCH ON IMPROVED II-VI CRYSTALS
INVESTIGATIONS OF SOME OXIDE CRYSTALS BY ESR AND OPTICAL METHODS FINAL REPORT SEPT 1968
STORING LIGHT AND CURRENT IN CRYSTALS
OPTICAL PROPERTIES OF ORGANIC CRYSTALS FINAL REPORT SEPT 1967
VAPOR-DEPOSITION GROWTH OF SINGLE CRYSTALS OF TIN
DIFFUSION OF CU IN COS SINGLE CRYSTALS
CHANGES IN MORPHOLOGY OF IONIC CRYSTALS DUE TO CAPILLARITY
EFFECT OF STRESS ON COS SINGLE CRYSTALS
REFRACTIVE INDEX OF ZNO SINGLE CRYSTALS
REFRACTIVE INDEX OF ZNO SINGLE CRYSTALS
RADIOLIN LIGHT SCATTERING FROM CRYSTALS IN THE HYDRODYNAMIC REGION
INTERMEDIATE EXCITONS IN MOLECULAR CRYSTALS A STUDY OF THE EXCITED STATES OF CRYSTALLINE IODINE
DEPOSITION OF CARBON ON DIAMOND SPED CRYSTALS
DEPOSITION OF CARBON ON DIAMOND SPED CRYSTALS FINAL REPORT MAR 1968
PROBING THE ELECTRONIC PROPERTIES OF CRYSTALS BY PRESSURE
PREPARATION OF ORIENTED MERCURY SINGLE CRYSTALS
VAPOR-SOLVENT GROWTH OF SEMICONDUCTING CRYSTALS FINAL REPORT MAY 1968
NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF CADMIUM SULFIDE
NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF COS
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF CRYSTALS
ELECTRON RADIATION DAMAGE IN CADMIUM-SELENIDE CRYSTALS AT LIQUID-HELIUM TEMPERATURE
ELECTRON RADIATION DAMAGE IN CADMIUM-SELENIDE CRYSTALS
PHOTON-ENHANCED FIELD EMISSION FROM COS SINGLE CRYSTALS
THEORY OF INTERACTION OF LIGHT WITH INSULATING CRYSTALS
PROPAGATION OF FINITE AMPLITUDE WAVES IN SINGLE CRYSTALS OF HIGH-PURITY ALUMINUM
MECHANISMS OF FATIGUE HARDENING IN COPPER SINGLE CRYSTALS
FSR STUDY OF MANGANESE-DOPED ALPHA-ZINC SILICATE CRYSTALS
LIFETIME OF THE TRIPLET π CENTER IN ALKALI HALIDE CRYSTALS
SPLITTING OF EXCITON LINES IN WURTZITE-TYPE II-VI CRYSTALS BY UNIAXIAL STRESS
LAPPING MACHINE ATTACHMENT FOR PREPARING ORIENTED CRYSTALS
LINEAR COMPRESSIBILITIES OF II-VI COMPOUND SINGLE CRYSTALS
GROWTH OF SODIUM CHLORIDE-POTASSIUM CHLORIDE MIXED CRYSTALS FROM THE MELT
DISLOCATION DISTRIBUTION IN DEFORMED SILVER SINGLE CRYSTALS
NUCLEAR SPIN-LATTICE RELAXATION IN CALCIUM FLUORIDE CRYSTALS VIA PARAMAGNETIC CENTERS
DIFFUSION OF LEAD IONS IN PURIFIED SODIUM CHLORIDE CRYSTALS
MAGNETO-OPTICAL AND RELATED STUDIES IN SIMPLE OXIDE CRYSTALS FINAL REPORT MARCH 1968
ELECTRONIC STRUCTURE AND OPTICAL PROPERTIES OF MIXED CRYSTALS
NEW STUDIES OF THE BAND STRUCTURE OF THE DIAMOND-TYPE CRYSTALS
THE ROTATION-TRANSLATION-COUPLING EFFECT IN NOBLE-GAS CRYSTALS CONTAINING MOLECULAR IMPURITIES
AFOSR67-2185
AFOSR67-2185
AFOSR67-2280
AFOSR67-1130
AFOSR68-1506
AFOSR68-1833
AFOSR67-1779
AFOSR67-0370
ARL 68-029R
AFOSR67-0635
ARL 67-0105
AFOSR68-1010
AFOSR67-1158
AFOSR68-1775
ARL 67-0140
ARL 68-0153
AFOSR68-0814
ARL 68-0245
AFOSR67-0555
AFOSR68-1405
ARL 67-1316
AFOSR67-2206
ARL 67-0143
ARL 67-1011
ARL 67-1200
AFOSR68-1755
AFOSR67-2448
AFOSR67-0155
AFOSR68-0170
ARL 68-1387
AFOSR67-0195
AFOSR68-2887
ARL 68-0294
ARL 68-1455
ARL 68-1411
ARL 67-0201
ARL 67-1339
AFOSR67-1363
ARL 68-1415
AFOSR67-1939
ARL 67-0203
AFOSR67-1572
AFOSR68-1116
ARL 68-0059
ARL 68-024R
ARL 68-0290
AFOSR67-0624
AFOSR67-0968
AFOSR68-0836
AFOSR68-1834
AFOSR68-0451
ARL 68-105R
AFOSR67-0382
AFOSR67-0641

EFFECT OF ATMOSPHERES ON THE MECHANICAL PROPERTIES OF CRYSTALS FINAL REPORT OCT 1968	AFOSR68-2386
CHANGE OF TRANSITION TEMPERATURES OF ANTIFERROMAGNETIC CRYSTALS AS A FUNCTION OF HIGH HYDROSTATIC PRESSURES	ARL 67-1294
GROWTH AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS FINAL REPORT FEB 1967	AFCL67-0218
DEFECTS AND THEIR ROLE IN DETERMINING BULK PROPERTIES OF CRYSTALS FINAL REPORT MAY 1968	AFOSR68-0956
THE DIFFUSIONAL PROPERTIES OF OXYGEN IN NIOBIUM PENTOXIDE CRYSTALS AND SCALES FORMED ON NIOBIUM	AFOSR68-1148
TEMPERATURE DEPENDENCE OF ATTACHMENT POTENTIAL IN MOLECULAR CRYSTALS	AFOSR68-0989
OPTICAL ABSORPTION COEFFICIENTS OF VANADIUM PENTOXIDE SINGLE CRYSTALS FINAL REPORT MARCH 1967	AFOSR67-0786
A STUDY OF THE PHYSICAL PROPERTIES OF HIGH-TEMPERATURE SINGLE CRYSTALS FINAL REPORT SEPT 1967	AFCL67-0648
ELECTRIC-FIELD-INDUCED OPTICAL ROTATION IN CHOLESTERIC LIQUID CRYSTALS	AFOSR68-2070
SPECTRAL ANALYSIS OF PHOTOSENSITIVE FILMS IN GASES AND RELATED CRYSTALS	ARL 68-0247
STRESS AND DILATATION FIELDS OF THE $\frac{1}{2}[111]$ DISLOCATION IN CUBIC CRYSTALS	AFOSR67-2656
RECENT RESEARCH CONCERNING SOLID STATE PHENOMENA IN INSULATING CRYSTALS PERFORMED AT HIS INSTITUTE	ARL 67-1314
NUCLEAR SPIN-ORBIT RELAXATION IN RARE-EARTH-DOPED CALCIUM FLUORIDE CRYSTALS AT LOW TEMPERATURES	AFOSR67-0382
SOME COMMENTS ON THE PROPERTIES OF FRIEDEL EXCITONS IN MOLECULAR CRYSTALS	AFOSR68-0430
STRAIN-INDUCED SPLITTING OF EXCITON LINES IN WURTZITE TYPE II-VI CRYSTALS	ARL 68-0306
STRAIN-INDUCED SPLITTING OF EXCITON LINES IN WURTZITE TYPE II-VI CRYSTALS	ARL 68-1484
ON THE SIGNIFICANCE OF TWO NEW RATTENSON FUNCTIONS FOR DISORDERED CRYSTALS	AFOSR67-2489
ENERGY BAND MODEL FOR INFRARED STIMULATED EMISSION IN ZNS SINGLE CRYSTALS	ARL 68-1483
GROWTH PROCESSING AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS	AFCL67-0957
PROCESSING GROWTH AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS	AFCL68-0166
GROWTH PROCESSING AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS	AFCL68-0343
RESEARCH AND INVESTIGATION OF OPTICAL PROPERTIES OF SEMI CONDUCTING CRYSTALS FINAL REPORT MARCH 1967	ARL 67-0042
FLUX GROWTH AND CHARACTERIZATION OF BETA GALLIUM SESQUI OXIDE SINGLE CRYSTALS	AFOSR67-0091
PHYSICS OF VIBRONIC TRANSITIONS IN THE SPECTRA FOR RARE EARTH IONS IN CRYSTALS FINAL REPORT FEB 1967	AFCL67-0278
SIZE EFFECTS IN THE ELECTRONIC THERMAL CONDUCTIVITY OF GALLIUM SINGLE CRYSTALS	AFOSR68-0507
HEAT TREATMENT EFFECTS ON SOME PHYSICAL PROPERTIES OF METALLIC SINGLE CRYSTALS	AFOSR68-1718
NUCLEAR MAGNETIC RESONANCE STUDIES OF POINT DEFECTS IN BARIUM FLUORIDE CRYSTALS	AFOSR67-0694
THEORY OF OPTICAL ABSORPTION BY DIATOMIC MOLECULES EMBEDDED IN RARE GAS CRYSTALS	AFCL68-0480
THEORETICAL STUDY OF SOME DYNAMICAL PROPERTIES OF PERFECT AND IMPERFECT CRYSTALS FINAL REPORT APRIL 1968	AFOSR68-1548
ELECTROLYTIC GROWTH AND PREPARATIONS OF TRANSITION METAL COMPOUND SINGLE CRYSTALS	AFML 67-0239
SOME OBSERVATIONS OF THE GEL GROWTH OF DOPED AND UNDOPED CALCIUM TARTRATE CRYSTALS	AFCL67-0304
EFFECTIVE RADIUS OF A VACANCY AND THE CALCULATION OF SOLUBILITY LIMITS IN CRYSTALS OF HIGHLY IONIC PHASES OF THE	AFOSR68-0914
FACTORS AFFECTING THE INITIAL PLASTIC BEHAVIOR OF CLOSE PACKED METAL SINGLE CRYSTALS FINAL REPORT APRIL 1968	AFOSR68-1109
ANALYSIS OF NUCLEAR-QUADRUPOLE-RESONANCE SPECTRA IN ANTIFERROMAGNETIC SINGLE CRYSTALS	AFOSR68-0050
EXPERIMENTS ON THE A C ELECTROLUMINESCENCE OF COPPER DOPED ZINC SULFIDE SINGLE CRYSTALS	AFOSR67-0355
FINE DEPENDENCE OF SPECTRAL COMPONENTS OF THE ELECTROLUMINESCENCE OF ZNS SINGLE CRYSTALS PART C FINAL REPORT AUG 1967	AFOSR67-2786
INVESTIGATION OF THE VARIABLES CONTROLLING THE FLUX GROWTH OF HIGH QUALITY LASER CRYSTALS FINAL REPORT MAR 1967	AFCL67-0196
LATTICE DYNAMICS AND THERMAL PROPERTIES OF LITHIUM HYDRIDE AND LITHIUM DEUTERIDE CRYSTALS	AFOSR67-1127
EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC CONSTANTS OF SOME IONIC CRYSTALS	AFOSR67-1449
RELATION BETWEEN PHOTOELASTICITY ELECTROSTRICTION AND FIRST ORDER RAMAN EFFECT IN CRYSTALS OF THE DIAMOND STRUCTURE	AFOSR68-0932
EVALUATION OF THE HUANG-PHYS FACTOR AND THE HALF-BWIDTH OF THE F-BAND IN KCl AND NaCl CRYSTALS	AFOSR68-1132
AN INVESTIGATION OF THE ORDERING OF MOLECULES IN THE ANISOTROPIC LIQUID PHASE OF LIQUID CRYSTALS FINAL REPORT 1967	AFOSR67-2622
AN EXPERIMENTAL STUDY OF THE DOUBLE SLIP DEFORMATION HYPOTHESIS FOR FACE-CENTERED CUBIC SINGLE CRYSTALS	AFOSR67-1007
ACOUSTOELECTRIC OSCILLATIONS CURRENT SATURATION AND ELECTRON DRIFT MOBILITY IN CADMIUM SULPHIDE CRYSTALS	AFCL67-0285
USE OF MORPHIC EFFECTS FOR THE STUDY OF VIBRATIONAL AND OPTICAL PROPERTIES OF IMPURITY ATOMS IN CRYSTALS	AFOSR68-0997
TEMPERATURE DEPENDENCE OF THE WIDTH OF THE FUNDAMENTAL LATTICE-VIBRATION ABSORPTION PEAK IN IONIC CRYSTALS II	AFOSR68-0921
COMMENTS ON THE INFLUENCE OF INTERMEDIATE EXCITONS AND EXCHANGE FORCES ON THE INTERACTION IN MOLECULAR CRYSTALS THE	AFOSR67-2104
CUALQUIER	
THE METHOD OF CALCULATION TABLES OF AMPLIFICATION AND AMPLITUDE OF THE MOVEMENTS OF THE EARTH IN CUALQUIER SEISMOGRAPH	AFOSR67-0558
CUBIC	
CUBIC SPLINES ON THE REAL LINE	AFOSR68-1992
THE CONVERSION OF CUBIC TO HEXAGONAL SILICON CARBIDE AS A FUNCTION OF TEMPERATURE AND PRESSURE	AFCL67-0436
SLIP IN BODY-CENTERED CUBIC CRYSTALS	AFOSR68-1775
A HILLCLIMBING TECHNIQUE USING PIECEWISE CUBIC APPROXIMATION	AFOSR67-1282
JAHN-TELLER EFFECT OF A D ₁ ION IN EIGHTFOLD CUBIC COORDINATION	AFOSR68-0009
SUPERCONDUCTING TRANSITIONS IN BODY-CENTERED CUBIC THALLIUM -INDIUM ALLOYS	AFOSR67-1237
MEASUREMENT OF THE EPR PARAMETERS OF COG ₂ IN CUBIC CADMIUM SULFIDE	ARL 67-1285
MAGNETIC FIELD-DEPENDENT ELASTIC EFFECTS IN THE CUBIC ANTIFERROMAGNET /RUBIDIUM MANGANESE/ TRIFLUORIDE/	AFOSR67-2731
TEMPERATURE SENSITIVE DUCTILITY IN FACE-CENTERED CUBIC COPPER ALLOYS	AFML 67-0082
STRESS AND DILATATION FIELDS OF THE $\frac{1}{2}[111]$ DISLOCATION IN CUBIC CRYSTALS	AFOSR67-2856
SUPERCONDUCTIVITY AND LATTICE PARAMETERS IN FACE-CENTERED CUBIC PLATINUM TUNGSTEN AND PALLADIUM TUNGSTEN SOLID	AFOSR68-1866
NONSTOICHIOMETRY OF ZRO ₂ AND ITS RELATION TO TETRAGONAL- CUBIC INVERSION IN ZRO ₂	ARL 67-0170
AN EXPERIMENTAL STUDY OF THE DOUBLE SLIP DEFORMATION HYPOTHESIS FOR FACE-CENTERED CUBIC SINGLE CRYSTALS	AFOSR67-1007
CULTURAL	
SOCIAL AND CULTURAL ASPECTS OF DEVELOPMENT FINAL REPORT JULY 1968	AFOSR68-1467
A SINO-SOVIET CULTURAL FRONTIER THE ILI KAZAKH AUTONOMOUS CHOU	AFOSR67-0200
CHINESE ATTITUDINAL REACTIONS TO FORCED COMPLIANCE A CROSS- CULTURAL EXPERIMENT IN THE THEORY OF COGNITIVE DISSONANCE	AFOSR67-0960
CUMMUTATIVITY	
ON CUMMUTATIVITY OF RINGS	ARL 68-1284
CUMULATIVE	
CUMULATIVE SUM CONTROL CHARTS AND THE WEIBULL DISTRIBUTION	AFOSR67-0682
ON CUMULATIVE DAMAGE AND RELIABILITY OF COMPONENTS	ARL 68-0180
ON CUMULATIVE DAMAGE AND RELIABILITY OF COMPONENTS	ARL 68-1262
NORMALIZED CUMULATIVE BLACKBODY FUNCTIONS, AND THEIR APPLICATIONS IN THERMAL RADIATION CALCULATIONS	ARL 68-0285
CUPRIC	
FREE ENERGY OF FORMATION OF CUPRIC OXIDE	ARL 67-0034
CUPROUS	
CUPROUS CHLORIDE IN HYDROCHLORIC ACID ANALYSIS AND SOLUBILITY	AFCL68-0089
ENERGY BAND STRUCTURE OF CUPROUS OXIDE IN THE VICINITY OF THE FUNDAMENTAL EDGE FROM MAGNETO-OSCILLATORY ABSORPTION	AFOSR67-2331
SEMICONDUCTING PROPERTIES OF CUPROUS OXIDE AND RELATED RESEARCH FINAL REPORT OCT 1967	AFOSR68-0030
HIGH TEMPERATURE HALL EFFECT IN CUPROUS OXIDE	AFOSR67-1396
THE STANDARD FREE ENERGY OF FORMATION OF CUPROUS OXIDE	ARL 67-0163
A STUDY OF SOME FACTORS WHICH INFLUENCE THE GROWTH OF CUPROUS CHLORIDE IN SILICA GEL	AFCL67-0445
OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET	ARL 67-0241
CURCULARLY	
AN UPPER LIMIT TO CURCULARLY POLARIZED RADIATION FROM THE CRAB NEBULA	AFOSR68-1048
CURIE	
THE DIFFUSION OF CARBON IN NICKEL ABOVE AND BELOW THE CURIE TEMPERATURE	AFOSR67-2774

CURRENT

CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN ELECTRICALLY THICK TUBULAR ANTENNA DRIVEN BY A VOLTAGE ACROSS A FINITE CURRENT SATURATION AND TRAN-CONTROLLED ELECTRON DRIFT MOBILITY IN PHOTOCONDUCTIVE CCS
CURRENT DISTRIBUTION FOR WIRE EXPOSED IN VACUUM
CURRENT ALGEBRAS APPLIED TO MESON STATES
CURRENT ALGEBRAS AND RU THREE VIBRATIONS
CURRENT ALGEBRAS AND THE DECAY
CURRENT ALGEBRAS IN A PERTURBATION THEORETIC MODEL
CURRENT SATURATION AND DRAIN CONDUCTANCE OF JUNCTION-GATE FIELD-EFFECT TRANSISTORS
CURRENT DISTRIBUTION IN A SHOCK TUBE WITH VARYING MAGNETIC FIELD
CURRENT OPERATORS AND MAJORANA EQUATION FOR THE HYDROGEN ATOM FROM DYNAMICAL GROUPS
CURRENT MEASUREMENTS IN HIGH-VOLTAGE RADIO FREQUENCY PLASMA DISCHARGES
CURRENT ALGEBRA AND NONLEPTONIC DECAYS
CURRENT RESEARCH ON THE DEFECT STRUCTURE AND TRANSPORT PROPERTIES OF COMPOUND SEMICONDUCTORS AT AIRI
CURRENT OSCILLATION AND SATURATION IN COSR
A CURRENT ALGEBRA RELATION BETWEEN PCAC AND VECTOR MESON DOMINANCE
HIGH CURRENT DENSITY SUPERCONDUCTING COILS
TELLURIC CURRENT MICROFLUORESCENCE BURSTS
TELLURIC CURRENT MICROFLUORESCENCE AT THE AUSTRAL ZONE FINAL REPORT OCT 1967
CRITICAL CURRENT AND ELECTRON DEPAIRING IN SUPERCONDUCTING FILMS
ELECTRIC CURRENT DISTRIBUTION IN AN MPD ACCELERATOR
BLENDING OF CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS
ALTERNATING CURRENT JOSEPHSON EFFECT IN SUPERFLUID HELIUM
CONSISTENCY OF CURRENT COMMUTATION RELATIONS AND RELATED CONSIDERATIONS
CONSISTENCY OF CURRENT COMMUTATORS
SUPERCONDUCTIVE CURRENT IN A SUPERCONDUCTOR-NORMAL METAL SUPERCONDUCTOR JUNCTION
VECTOR AND SPINOR CURRENT ALGEBRA AND THE M2D METHOD
STORING LIGHT AND CURRENT IN CRYSTALS
PEARL-TYPE TELLURIC CURRENT MICROFLUORESCENCE AT COLLEGE
SUPERCONVERGENCE AND CURRENT ALGEBRA
SUPERCONVERGENCE AND CURRENT ALGEBRA FOR A SPIN ONE HALF TARGET
MOMENTUM BALANCE FOR CURRENT FILAMENTS IN MAGNETIC FILDS FINAL REPORT NOVEMBER 1968
DYNAMICAL APPROACH TO CURRENT ALGEBRA
FIELD DISTRIBUTION AND CURRENT SATURATION IN PHOTOCONDUCTIVE CCS
A GENERAL TREATMENT OF CURRENT ALGEBRA
EXPERIMENTAL ELECTRODE CURRENT DISTRIBUTIONS IN MHD CHANNELS
INTERACTION OF AN HIGH CURRENT ELECTRICAL DISCHARGE WITH ITS SELF-INDUCED MAGNETIC FIELD IN THE PRESENCE OF GAS FLOW
FILAMENTS IN ELECTRICAL CURRENT FILDS
HIGH-TEMPERATURE CHEMISTRY CURRENT AND FUTURE PROBLEMS CONFERENCE ORGANIZED AT RICE UNIVERSITY HOUSTON TEXAS JANUARY
A LIMITATION ON THE USE OF CURRENT ALGEBRA TECHNIQUES FOR MESON DECAYS
INFLUENCE OF CONVECTION ON CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS
PRESENTATION OF ASPECTS OF CURRENT STATISTICAL RESEARCH
ACOUSTOELECTRIC OSCILLATIONS CURRENT SATURATION AND ELECTRON DRIFT MOBILITY IN CADMIUM SULPHIDE CRYSTALS
ELECTRODE PHENOMENA IN A HIGH CURRENT 20 NANSECONO SPARK
DIRECT EVIDENCE OF PERSISTENT CURRENT LOOPS IN HARD SUPERCONDUCTING WIRE
REPRESENTATION THEORY OF LOCAL CURRENT ALGEBRAS
ACCELERATION PROCESS IN THE MALL CURRENT DEVICE
APPROACH TO CURRENTS AND THE DERIVATION OF CURRENT ALGEBRA
INVESTIGATION OF ELECTRODE EROSION IN HIGH CURRENT ELECTRIC ARCS
RELATIONS BETWEEN PARTIALLY CONSERVED AXIAL-VECTOR CURRENT AXIAL-VECTOR CHARGE COMMUTATION RELATIONS AND CONSPIRACY
DIAGNOSTICS ON STEADY-STATE CROSS-FLOW ARCS. I. LOW CURRENT, FINAL REPORT MAY 1968
DERIVATION OF MASS SPECTRUM AND MAGNETIC MOMENTS FROM CURRENT CONSERVATION IN RELATIVISTIC 0/3 1/ AND 0/4 2/ -
PERTURBATIVE APPROACH TO SUPERCONVERGENCE RELATIONS AND CURRENT ALGEBRA
ELECTRIC ARC ATTACHMENT, HEAT TRANSFER, AND ELECTRODE EROSION OF HIGH CURRENT ARCS DRIVEN MAGNETICALLY OVER METAL
NONLINEAR PHONON INTERACTION IS PIEZOELECTRIC SEMICONDUCTORS AND EFFECT ON CURRENT SATURATION
HYDROMAGNETIC WAVES IN THE IONOSPHERE PROPAGATION THROUGH INHOMOGENEOUS AND CURRENT CARRYING REGIONS
AN EXPERIMENTAL INVESTIGATION OF THE TRANSPORT PROPERTIES OF ARGON IN A PULSED HIGH CURRENT ARC
A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT FINAL
A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT
LOW-ENERGY THEOREM FOR PION PHOTOPRODUCTION FROM THE HYPOTHESIS OF PARTIALLY CONSERVED AXIAL-VECTOR CURRENT

CURRENT-ALGEBRA
A CURRENT-ALGEBRA CALCULATION OF THE CHARGED RADIATIVE ETA DECAYS
EXTRAPOLATION PROBLEM IN CURRENT-ALGEBRA CALCULATIONS OF THE $\pi^0 \pi^0$ SCATTERING LENGTHS
USE OF THE DYSON REPRESENTATION IN CURRENT-ALGEBRA CALCULAT

CURRENT-COMMUTATOR
CURRENT-COMMUTATOR CALCULATION OF THE K SURF FORM FACTORS

CURRENT-VOLTAGE
INVESTIGATION OF CURRENT-VOLTAGE CHARACTERISTICS OF SPACECRAFT-MOUNTED SPHERICAL ELECTROSTATIC ANALYZERS FINAL REPORT

CURRENTS
TRANSIENT CURRENTS ON A PERFECTLY-CONDUCTING CYLINDER ILLUMINATED BY UNIT-STEP AND IMPULSIVE PLANE WAVES
TUNNELING CURRENTS VIA GOLD LEVELS IN GERMANIUM ESALT DIODES
APPROACH TO CURRENTS AND THE DERIVATION OF CURRENT ALGEBRA
MAGNETIC MOMENTS AND DION CURRENTS IN NUCLEAR MATTER
SCHWINGER TERMS FROM LOCAL CURRENTS
SUPERCONDUCTING CRITICAL FIELDS CURRENTS AND TEMPERATURES IN THE Nb-Zr-N TERNARY SYSTEM
COMMUTATION RELATIONS OF MANYON CURRENTS
STRUCTURE AND EXTENSIONS OF A THEORY OF CURRENTS
THE EFFECT OF TOPOGRAPHY AND GEOLOGY ON TELLURIC CURRENTS
PERIODIC COVARIATION OF RADIOWAVE ABSORPTION EARTH CURRENTS AND OTHER ASSOCIATED PHENOMENA IN THE AUROREAL ZONE
COUPLED EQUATIONS FOR SCATTERING AMPLITUDES AND HADRONIC CURRENTS
CONCURRENT SOFT PHOTON STATES AND INFRARED DIVERGENCES I CLASSICAL CURRENTS
REGULARITIES ARISING IN THE COMPOSITE-HADRON PICTURE IN TERMS OF A THEORY OF HIGH-ENERGY CURRENTS

CURVE
APPROXIMATION FROM A CURVE OF FUNCTIONS
A PATTERN RECOGNITION MODEL FOR ON-LINE CURVE FITTING AN APPLICATION OF THRESHOLD THEORY
THE METHOD FOR AMPLITUDE ANALYSIS PART III. ON THE CURVE OF-GROWTH METHOD
EXPERIMENTAL STUDY OF THE SHAPE OF THE COEXISTENCE CURVE OF ARGON NEAR THE CRITICAL STATE
DEFINING OF BOSP-CHAUDHURI-MOCHUGUENHEM CODES AND PRONYS METHOD FOR CURVE FITTING
CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC JORDAN CURVE WITH

CURVE-OF-GROWTH
ON THE CURVE-OF-GROWTH METHOD

CYCLOSTATION	
MECHANISMS OF INTERMOLECULAR REACTIONS IN SOLUTION WITH CYCLIZATION OF COMPOUNDS CONTAINING THIOMYL AND CONJUGATED	AFOSM66-0229
CYCLOABSTITION	
CYCLOADDITION REACTIONS OF 2,2-DIMETHYLCYCLOPROPANE	AFOSM66-0077
CYCLOANAL	
THE EFFECT OF RING SIZE ON THE RATE OF HYDROLYSIS OF CYCLOALKYL PHENYL SULFONATES	AFOSM67-1014
CYCLOANAL	
NONPLANAR CYCLOANALYTIC THE 5-ISOPROPYLCYCLOANALYTIC SYSTEM NUCLEAR MAGNETIC RESONANCE SPECTRA OF ALCOHOLS AND AMINES NONPLANAR CYCLOANALYTIC STERIC CONTROL IN DEAROMATIZATION OF 1,3,5- AND 1,3,5-TRIMETHYLCYCLOANALYTIC NONPLANAR CYCLOANALYTIC THERMALITY DIFFERENCE OF THERMAL SPECTRA OF 1,3,5-TRIMETHYLCYCLOANALYTIC NONPLANAR CYCLOANALYTIC SYSTEM FOR A CONFORMATIONALLY CONTROLLED CLASSIC MECHANISM IN THE DEAROMATIZATION OF 1,3,5- AND IONIC PROCESSES IN CYCLOANALYTIC ANALYTICAL DATA FOR ANALYTICAL ANALYSIS IONIC PROCESSES IN CYCLOANALYTIC ANALYTICAL DATA FOR ANALYTICAL ANALYSIS	AFOSM67-0087 AFOSM67-1014 AFOSM66-0001 AFOSM66-0400 AFOSM66-1014 AFOSM66-1014 AFOSM66-1014
CYCLOANALYTIC	
TRIMETHYL CYCLOANALYTIC THE METHYL 2-CHLOROCYCLOANALYTIC CARBOXYLATE SERIES	AFOSM67-2000
CYCLOANALYTIC	
INTERMOLECULAR CYCLOANALYTIC FORMATION OF AN ARYL ETHER THE MECHANISM AND MECHANISM OF THE REACTION	AFOSM66-2007
CYCLOANALYTIC	
THE PHOTOLYSIS OF CYCLOANALYTIC MECHANISM OF PHOTOLYSIS IN SOLUTION PHOTOLYSIS OF CYCLOANALYTIC AND SOME DERIVATIVES ENERGY DISTRIBUTION IN REACTION PRODUCTS AND PHOTOLYSIS OF CYCLOANALYTIC MECHANISM OF PHOTOLYSIS OF CYCLOANALYTIC	AFOSM66-1004 AFOSM67-1014 AFOSM66-0001 AFOSM66-1004
CYCLOANALYTIC	
THE CONFORMATION OF A CYCLOANALYTIC MECHANISM OF PHOTOLYSIS IN SOLUTION PHOTOLYSIS OF CYCLOANALYTIC AND SOME DERIVATIVES ENERGY DISTRIBUTION IN REACTION PRODUCTS AND PHOTOLYSIS OF CYCLOANALYTIC MECHANISM OF PHOTOLYSIS OF CYCLOANALYTIC	AFOSM67-2007 AFOSM66-0229
CYCLOANALYTIC	
ON THE REACTION OF CYCLOANALYTIC WITH CYCLOANALYTIC THERMALITY IN POLYMER SOLUTIONS PART 2 - POLYISOBUTYLE CYCLOANALYTIC THERMALITY INVESTIGATION OF 1,3,5-TRIMETHYLCYCLOANALYTIC	AFOSM67-2007 AFOSM67-2007 AFOSM67-2007
CYCLOANALYTIC	
THE MECHANISM OF CYCLOANALYTIC THE ADDITION OF METHYL ORGANOMETALLIC REAGENTS TO CYCLOANALYTIC DERIVATIVES	AFOSM67-2007
CYCLOANALYTIC	
CONFORMATIONAL ANALYSIS AND CONFORMATIONAL EQUILIBRIA OF CYCLOANALYTIC HALIDES	AFOSM67-0077
CYCLOANALYTIC	
ACTIVITY OF CYCLOANALYTIC RELATIVE EQUILIBRIUM ACTIVITIES OF HYDROCARBONS TOWARD CYCLOANALYTIC	AFOSM67-0077
CYCLOANALYTIC	
ACTIVITY OF CYCLOANALYTIC RELATIVE EQUILIBRIUM ACTIVITIES OF SOME HYDROCARBONS TOWARD CYCLOANALYTIC IN CYCLOANALYTIC	AFOSM67-0077
CYCLOANALYTIC	
A REVIEW OF THE STATE OF THE ART OF CYCLOANALYTIC SEPARATIONS (1967-1967)	AFOSM67-0077
CYCLOANALYTIC	
RESEARCH IN POLY-DIMENSIONAL ANALYSIS OF CYCLOANALYTIC SYSTEMS (1967-1967)	AFOSM67-0077
CYCLOANALYTIC	
SYNTHESIS OF CYCLOANALYTIC DERIVATIVES	AFOSM67-0077
CYCLOANALYTIC	
FORMATION AND STRUCTURE OF A TETRAMERIC CYCLOANALYTIC DERIVATIVE	AFOSM67-0077
CYCLOANALYTIC	
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS AND SOME NEW CYCLOANALYTIC DERIVATIVES OF ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS AND SOME NEW CYCLOANALYTIC DERIVATIVES OF	AFOSM67-0077 AFOSM67-0077
CYCLOANALYTIC	
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS AND THE SYNTHESIS OF CYCLOANALYTIC DERIVATIVES	AFOSM67-0077
CYCLOANALYTIC	
CHEMISTRY OF THE METAL CARBONYL COMPLEXES OF CYCLOANALYTIC DERIVATIVES	AFOSM67-0077
CYCLOANALYTIC	
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS AND CYCLOANALYTIC DERIVATIVES	AFOSM67-0077
CYCLOANALYTIC	
THE MECHANISM OF CYCLOANALYTIC THERMALITY IN POLYMER SOLUTIONS PART 2 - POLYISOBUTYLE CYCLOANALYTIC	AFOSM67-0077 AFOSM67-0077
CYCLOANALYTIC	
BY-PRODUCTS OF THE HYDROLYSIS REACTION WITH CYCLOANALYTIC DERIVATIVES	AFOSM67-0077

CYCLOPROPANES	
GROUND STATES OF SIGMA-BONDED MOLECULES II STRAIN ENERGIES OF CYCLOPROPANES AND CYCLOPROPENES	AFOSR67-2227
CYCLOPROPANONE	
CYCLOPROPANONE	
CYCLOPROPANONES VI REACTION OF CYCLOPROPANONE WITH AMINES	AFOSR67-0290
CYCLOPROPANONES VII REACTIONS OF ACIDS AND AMINES WITH CYCLOPROPANONE AND SOME ALKYL CYCLOPROPANONES	AFOSR67-2226
CYCLOPROPANONES VIII PREPARATION AND CHARACTERIZATION OF CYCLOPROPANONE METHYLCYCLOPROPANONE 2	AFOSR68-2513
CYCLOPROPANONES	
CYCLOPROPANONES III 2,2-DIMETHYLCYCLOPROPANONE	AFOSR67-0292
CYCLOPROPANONES V INHIBITION OF POLYMERIZATION AND ADDITION OF ACIDS	AFOSR67-1526
CYCLOPROPANONES VI REACTION OF CYCLOPROPANONE WITH AMINES	AFOSR67-2226
CYCLOPROPANONES X REACTION OF 2,2-DIMETHYLCYCLOPROPANONE AND N-METHYLPYRROLE A NEW ENTRY INTO THE TROPINONE SERIES	AFOSR68-2449
CYCLOPROPANONES IX REACTIONS OF ACIDS AND AMINES WITH CYCLOPROPANONE AND SOME ALKYL CYCLOPROPANONES	AFOSR68-2513
CYCLOPROPANONES IX	
CYCLOPROPANONES IX REACTIONS OF ACIDS AND AMINES WITH CYCLOPROPANONE AND SOME ALKYL CYCLOPROPANONES	AFOSR68-2513
CYCLOPROPANONES VII	
CYCLOPROPANONES VIII PREPARATION AND CHARACTERIZATION OF CYCLOPROPANONE METHYLCYCLOPROPANONE 2	AFOSR68-2586
CYCLOPROPANONE	
VIBRATIONAL SPECTRA OF CYCLOPROPANONE	AFOSR67-2760
CYCLOPROPENES	
GROUND STATES OF SIGMA-BONDED MOLECULES II STRAIN ENERGIES OF CYCLOPROPANES AND CYCLOPROPENES	AFOSR67-2227
CYCLOPROPYL	
THE REACTION OF CYCLOPROPYL KETONES WITH PHOSPHORUS PENTACHLORIDE	AFOSR67-0029
CYCLOTRON	
CYCLOTRON ECHO STUDY FINAL REPORT AUG 1968	AFCL68-0473
CYCLOTRON RESONANCE INVESTIGATION OF THE FERMIL SURFACE OF CRYSTAL	AFOSR67-0437
CYCLOTRON RESONANCE IN SINGLE CRYSTAL GRAPHITE AT 77 °K/100 G	AFOSR67-2727
CYCLOTRON RESONANCE OF THE MELARON IN CERTAIN ALKALI HALIDES	AFOSR68-0177
ION CYCLOTRON INSTABILITY IN A SCATTERED BEAM-PLASMA SYSTEM	AFOSR67-0462
NEGATIVE CYCLOTRON RESONANCE ABSORPTION FINAL REPORT AUG 1967	AFCL67-0497
MECHANISM OF CYCLOTRON MOTION	AFOSR67-0063
OBSERVATION OF CYCLOTRON RESONANCE IN MAGNETIC	AFOSR67-0436
OBSERVATION OF CYCLOTRON WAVES FROM A HIGHLY IONIZED PLASMA	AFOSR67-1972
QUASISTATIC ION CYCLOTRON WAVES	AFOSR68-0087
CYBERNET TUNABLE CYCLOTRON MODE OSCILLATIONS IN A SMOOTH-BORE	AFOSR68-1723
HELICONS AND NON-RESONANT CYCLOTRON AMPLIFICATION IN 1490 AND 1600	ARL 68-0190
MASS EXTENSION EFFECT ON THE CYCLOTRON RESONANCE LINE SHAPE IN	AFOSR68-1776
ION-MOLECULE REACTIONS BY ION CYCLOTRON RESONANCE TECHNIQUE	ARL 67-1169
DETERMINATION OF RELAXATION TIMES IN CYCLOTRON RESONANCE IN CRYSTAL	AFOSR67-0586
EXPERIMENTAL INVESTIGATION OF HARMONIC ION CYCLOTRON WAVE PROPAGATION	AFOSR67-1364
EVALUATION OF PARALLEL SHIELDED SPIR COILS FOR ION CYCLOTRON	AFOSR67-0817
PLASMA HEATING AND WAVE PROPAGATION AT HARMONICS OF THE ION	AFOSR67-2490
HIGH POWER OF PLASMA HEATING AND WAVE PROPAGATION NEAR THE	AFOSR67-0229
CYCLOS	
DIFFUSION OF GAMMA RADIATION FROM THE CYCLOS REGION	AFOSR68-1150
CYLINDERS	
THE FLOW OF A CIRCULAR MOTION IN A PARALLEL TWO	AFOSR67-1015
POSSIBILITY OF A CIRCULAR MOTION	AFOSR67-1867
THE FLOW OF A CIRCULAR MOTION WHICH IS STARTED IMPULSIVELY FROM REST	AFOSR68-0349
HEAT TRANSFER FROM A CIRCULAR CYLINDER BY ACUSTIC STREAMING	ARL 68-0334
AN ANALYTICAL STUDY OF A CIRCULAR CYLINDER AND MODEL BALANCE OF CROSSED MAGNETIC AND FLOW FIELDS FINAL REPORT JAN 1968	ARL 68-0519
HEAT TRANSFER FROM A CIRCULAR CYLINDER AT MODERATE REYNOLDS NUMBERS	ARL 67-0276
HEAT TRANSFER FROM A CIRCULAR CYLINDER IN THE PRESENCE OF A ROUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS	ARL 68-0048
TEMPERATURE FIELD IN A CIRCULAR CYLINDER IN A ROUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS	ARL 68-0149
SCATTERING FROM AN IMPERFECTLY LOADED CIRCULAR CYLINDER	AFCL68-0502
TRANSIENT CURRENTS ON A CIRCULAR CYLINDER ILLUMINATED BY UNIT-STEP AND IMPULSIVE PLANE WAVES	AFCL67-0691
THE VISCOMETER METHOD FOR MEASURING THE VISCOSITY OF A CIRCULAR CYLINDER AT MODERATE REYNOLDS NUMBERS	AFOSR68-1664
HEAT TRANSFER FROM A CIRCULAR CYLINDER IN THE PRESENCE OF A ROUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS	AFOSR68-2079
HEAT TRANSFER FROM A CIRCULAR CYLINDER IN THE PRESENCE OF A ROUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS	ARL 67-0066
HEAT TRANSFER FROM A CIRCULAR CYLINDER IN THE PRESENCE OF A ROUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS	AFOSR68-1422
HEAT TRANSFER FROM A CIRCULAR CYLINDER IN THE PRESENCE OF A ROUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS	ARL 67-0084
HEAT TRANSFER FROM A CIRCULAR CYLINDER IN THE PRESENCE OF A ROUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS	AFOSR68-1354
HEAT TRANSFER FROM A CIRCULAR CYLINDER IN THE PRESENCE OF A ROUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS	AFOSR67-2355
HEAT TRANSFER FROM A CIRCULAR CYLINDER IN THE PRESENCE OF A ROUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS	ARL 67-0288
HEAT TRANSFER FROM A CIRCULAR CYLINDER IN THE PRESENCE OF A ROUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS	AFOSR67-1346
CYLINDERS	
HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS II EXPERIMENTAL RESULTS AND COMPARISON WITH THEORY	AFOSR67-2041
HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS I THEORY FOR VARIABLE PROPERTY FLOW	AFOSR67-2045
SUBSONIC FLOW-TUNNEL TESTS OF THIN-WALLED CYLINDERS	ARL 67-0251
AN EXPERIMENTAL STUDY OF PLASMA AND WAVE PROPAGATION ON CYLINDERS AND CONES	AFCL67-0132
EXPERIMENTAL OBSERVATIONS ON THE THERMAL FLUCTUATIONS OF THIN-WALLED CIRCULAR CYLINDERS	AFOSR68-0510
CYLINDRICAL	
CYLINDRICAL CLARITY FLOW OF A PARALLEL GAS	AFOSR67-2682
LONG CYLINDRICAL SHELL UNDER LOADS APPLIED TO A REINFORCING RING	AFOSR67-2583
RESPONSE OF CYLINDRICAL SANDWICH SHELLS TO MOVING LOADS	AFOSR67-1925
BUCKLING OF CYLINDRICAL PANELS UNDER LATERAL PRESSURE	AFOSR68-1934
THE INSULATED CYLINDRICAL ANTENNA IMMERSED IN A COMPRESSIBLE PLASMA	AFCL68-0577
HOT PLASMA IN A CYLINDRICAL WAVEGUIDE	AFOSR67-1233
SOME ASPECTS OF CYLINDRICAL SHELL PANEL FLUTTER	AFOSR68-0758
HEAT TRANSFER IN CYLINDRICAL TUBES WITH FULLY ESTABLISHED TURBULENT FLOW AND EXPOSED TO A UNIFORM TEMPERATURE	ARL 67-0039
CRACK GROWTH IN CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION	AFOSR68-0476
TWO-MEASUREMENTS IN CYLINDRICAL OSCILLATION THEORY	AFOSR68-0222
GENERAL STABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM STIFFENERS	AFOSR67-0967

CYLINDRICAL

- CONTINUED

GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM STIFFENERS AFOSR67-1929

KINETIC DESCRIPTION OF CYLINDRICAL HEAT CONDUCTION IN A POLYATOMIC GAS AFOSR68-2423

A THEORETICAL STUDY OF A CYLINDRICAL ANTENNA WITH A HEMISPHERICAL CAP AFCL68-0367

FINITE DEFORMATIONS OF A CYLINDRICAL MEMBRANE LOADED BY A UNIFORM INTERNAL PRESSURE AND AN AXIAL LOAD AFCL68-0408

LIQUID MOTION IN A CIRCULAR CYLINDRICAL CONTAINER WITH A FLEXIBLE BOTTOM AFOSR68-0321

GRAVITATIONAL EXPERIMENTS WITH A CYLINDRICAL GALAXY AFOSR68-1117

DYNAMICS OF SUBMERGED REINFORCED CYLINDRICAL SHELLS AFOSR68-2241

BUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHELLS AFOSR68-0665

BUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHELLS AFOSR68-1468

AEROLASTIC STABILITY CHARACTERISTICS OF CYLINDRICAL SHELLS CONSIDERING IMPERFECTIONS AND EDGE CONSTRAINT AFOSR68-0382

ELASTIC PRECURSOR DECAY IN QUARTZITE FOR CYLINDRICAL AND SPHERICAL FLOW AFOSR68-1134

VARIATIONAL APPROACH TO RAREFIED FLOWS IN CYLINDRICAL AND SPHERICAL GEOMETRY AFOSR67-1913

ON THE STABILITY OF ECCENTRICALLY STIFFENED CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION AFOSR67-2442

LARGE DEFLECTIONS OF AN AXIALLY COMPRESSED OVAL CYLINDRICAL SHELL AFOSR67-2067

ENERGY TRANSPORT BY RADIATION WITH ABSORPTION IN CYLINDRICAL ARCS ARL 68-0354

INVERSION OF THE ECCENTRICITY EFFECT IN STIFFENED CYLINDRICAL SHELLS BUCKLING UNDER EXTERNAL PRESSURE AFOSR67-0467

DETERMINATION OF CROSS SECTIONS FROM MEASUREMENTS ON CYLINDRICAL CASCADE ARCS ARL 67-0263

SOME NUMERICAL CALCULATIONS FOR AN ELECTRIC ARC IN A CYLINDRICAL TUBE ARL 68-0110

EVIDENCE FOR REFLECTED SHOCK WAVES FROM CONVERGENT CYLINDRICAL CHANNELS AFOSR68-0459

RECENT STUDIES ON OPTIMISATION FOR ELASTIC STABILITY OF CYLINDRICAL AND CONICAL SHELLS AFOSR68-1787

AN EXPERIMENTAL STUDY ON THE AEROELASTIC STABILITY OF THIN CYLINDRICAL SHELLS AT THE LOWER SUPERSONIC MACH NUMBERS ARL 67-0066

ELECTRICAL CONDUCTION FROM A LAMINAR ARC HEATED FLOW TO A COOLED CYLINDRICAL ANODE FINAL REPORT JULY 1967 ARL 67-0142

FIRST ORDER FREQUENCY EFFECTS IN SUPERSONIC PANEL FLUTTER OF FINITE CYLINDRICAL SHELLS AFOSR67-2591

INTERACTION OF MECHANICAL AND AEROELASTIC INSTABILITIES OF A CIRCULAR CYLINDRICAL SHELL AFOSR67-0627

COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC FLUTTER OF CIRCULAR CYLINDRICAL SHELLS AFOSR68-0239

ON COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC FLUTTER OF CIRCULAR CYLINDRICAL SHELLS AFOSR67-0836

THE INFLUENCE OF STIFFENER GEOMETRY AND SPACING ON THE BUCKLING OF AXIALLY COMPRESSED CYLINDRICAL AND CONICAL SHELLS AFOSR68-0670

SPATIAL RESOLUTION OF EMISSION AND ABSORPTION COEFFICIENTS IN SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY ARL 67-0279

SPATIAL RESOLUTION OF THE VOLUME EMISSION COEFFICIENT IN STRONGLY SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY ARL 68-0174

CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL SHELLS OF AFOSR68-0471

AN EXPERIMENTAL STUDY OF THE EFFECT OF LENGTH ON THE BUCKLE PATTERN OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS AFOSR67-1981

CYPRUS

THE SEISMIC ACTIVITY IN THE CYPRUS AREA AFOSR67-2762

CYSTEINE

RADIOLYSIS OF NEUTRAL AQUEOUS SOLUTIONS OF CYSTEINE IN THE PRESENCE OF OXYGEN AFOSR68-2819

CZECHOSLOVAKIA

REVIEW OF CLINICAL AND EXPERIMENTAL STUDIES IN CONDITIONAL REFLEXES PSYCHO AND NEUROPHYSIOLOGY IN USSR CZECHOSLOVAKIA AFOSR67-1246

D-AMINO

FURTHER STUDIES ON THE IMMUNOGENICITY OF D-AMINO ACID POLYMERS AFOSR68-0536

D-REGION

D-REGION PROCESSES IN NON-POLAR LATITUDES AFCL67-0418

LOWER D-REGION RICKET EXPERIMENTS USING LOW FREQUENCY RADIO WAVE ABSORPTION AFCL67-0560

A SUPERSONIC D-REGION PROBE EXPERIMENT USING AN ULTRAVIOLET SOURCE TO PRODUCE IONS AND FREE ELECTRONS AFCL67-0050

DETERMINATION OF A D-REGION NITRIC OXIDE DENSITY PROFILE BY VLF RADIO PROPAGATION AFOSR67-0170

ELECTRIC FIELD SPREADING OF D-REGION ELECTRONS AFCL67-0121

EXPERIMENTAL STUDIES OF THE ARCTIC D-REGION FINAL REPORT JAN 1967 AFCL67-0282

A PROPAGATION EXPERIMENT FOR MEASURING ELECTRON DENSITY IN THE D-REGION OF THE IONOSPHERE AFCL67-0536

D-SHELL

SUPERCONDUCTIVITY AND THE D-SHELL AFOSR67-0526

DALLAS

MOTONEURON RESPONSES TO VISUAL STIMULI IN ONCOPELTUS PASCATIUS DALLAS AFOSR67-0715

DAMAGE

DAMAGE MECHANISMS IN THERMAL CONTROL COATING SYSTEMS FINAL REPORT SEPT 1967 AFML 67-0294

LASER DAMAGE A SELECTED LITERATURE SURVEY AFCL67-0137

RADIATION DAMAGE IN SEMICONDUCTORS DEC 1966 AFCL67-0160

RADIATION DAMAGE STUDIES OF SILICON PHOTODETECTORS AND MAGNETIC DEVICES FINAL REPORT APR 1968 AFCL68-0220

RADIATION DAMAGE AND CHEMICAL REACTIONS INDUCED IN CRYSTALLINE SOLIDS BY HIGH-ENERGY PROTON BOMBARDMENT FINAL REPORT AFCL68-0350

RADIATION DAMAGE NEAR THE EDGE IN LITHIUM DOPED COSE ARL 67-1292

ON CUMULATIVE DAMAGE AND RELIABILITY OF COMPONENTS ARL 68-0180

ON CUMULATIVE DAMAGE AND RELIABILITY OF COMPONENTS ARL 68-1262

ELECTRON RADIATION DAMAGE IN CADMIUM-SELENIDE CRYSTALS AT LIQUID-HELIUM TEMPERATURE ARL 67-0201

ELECTRON RADIATION DAMAGE IN CADMIUM SELENIDE CRYSTALS ARL 67-1334

A STUDY OF ELECTRON RADIATION DAMAGE IN GAAS, GAP AND GAAS SUMI SUB MINUS SUB XP SUBX BASED ON RECOMBINATION RADIATION ARL 68-0021

THE EFFECT OF VACUUM ON SURFACE DAMAGE IN FATIGUE FINAL REPORT SEPT 1967 AFOSR67-2399

ELECTRICAL MEASUREMENTS AND NUCLEAR ACTIVATION TECHNIQUES FOR RADIATION DAMAGE STUDIES AND IMPURITY ANALYSIS IN AFCL67-0596

DAMPED

OPTIMUM TRANSIENT RIDEANCE IN DAMPED LINEAR SYSTEMS AFOSR68-2427

DAMPING

DAMPING GIMBALLLESS INERTIAL NAVIGATION SYSTEMS AFOSR68-0298

THE DAMPING OF TURBULENT FLOW BY LONG-CHAIN MOLECULES AFOSR67-2369

LANDAU DAMPING AND GROWTH OF ELECTROSTATIC MODES WITH EFFECTS OF SPATIAL VARIATION AFOSR67-2099

COLLISIONAL DAMPING OF A PLASMA ECHO AFOSR68-1062

S-D EXCHANGE DAMPING OF FERROMAGNETIC RESONANCE AFOSR68-0560

THEORY OF THE DAMPING OF ALFVEN WAVES IN BISMUTH METAL AFOSR68-0591

BLUNT CONE ROLL DAMPING DERIVATIVE ARL 68-0314

HYPERSONIC ROLL DAMPING DERIVATIVE OF A BLUNT CONE ARL 68-1400

THE INFLUENCE OF DAMPING ON THE SNAPPING OF A SHALLOW ARCH UNDER A STEP PRESSURE LOAD AFOSR68-1265

MEASUREMENT OF THE DAMPING CONSTANT /THE A-PARAMETER/ OF SEVERAL ELEMENTS IN SEVERAL HYDROGEN AND ACETYLENE-OXYGEN AFOSR67-1036

THE HYPERSONIC ROLL DAMPING DERIVATIVE OF A BLUNT CONE FINAL REPORT JULY 1968 ARL 68-0137

EXTINCTION OF LANDAU DAMPING AND COLLISIONAL INSTABILITIES IN PANSAUER GASES ARL 68-1430

OBSERVATION OF QUANTUM SPIN AND HIGH FIELD DAMPING EFFECTS IN MICROWAVE HELICON PROPAGATION IN DEGENERATE AFOSR67-0215

FORCED OSCILLATION OF A SECOND ORDER RELAY SYSTEM WITH DAMPING AFOSR67-1025

THE PROBLEM OF THE EXPERIMENTAL CONFIRMATION OF LANDAU DAMPING AFOSR68-0636

THEORY OF EXCITONS IN LIQUIDS IV A SIMPLIFIED TREATMENT OF THE SHIFT AND DAMPING OF POLARIZATION WAVES AFOSR68-1977

RAJAH THOMSON SCATTER STUDIES OF PHOTOELECTRONS IN THE IONOSPHERE AND LANDAU DAMPING AFOSR68-1007

DANGEROUS

DERIVATION OF THE PRINCIPLE OF COMPENSATION OF DANGEROUS DIAGRAMS
BEST ENERGY CRITERION AND THE PRINCIPLE OF COMPENSATION OF DANGEROUS DIAGRAMS

AFOSR66-1068
AFOSR67-1281

DANTZIG

CONTRIBUTIONS TO A PROBLEM OF D. VAN DANTZIG

AFOSR66-1752

DARBOUX-STIELTJES

AN APPROACH TO DARBOUX-STIELTJES INTEGRATION

ARL 66-0310

DARBOUXES

A UNIFORM TREATMENT OF DARBOUXES METHOD

ARL 66-0106

DARK

A NEURAL COMPONENT IN DARK ADAPTATION
CORRELATION BETWEEN LIGHT-AND DARK TONIC ACTIVITY IN THE CENTRAL VISUAL PATHWAYS IN THE ABSENCE AS WELL AS IN THE
ELECTROPHYSIOLOGICAL EVIDENCE FOR A NEURAL STAGE IN DARK ADAPTATION
NOTE ON SECONDARY ELECTRONS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE
ELECTRON CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE
ELECTRON-CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE

AFOSR67-2541
AFOSR66-2769
AFOSR67-2545
ARL 66-0293
ARL 67-0840
ARL 66-0292

DARK-ADAPTATION

PERCEIVED BRIGHTNESS AS A FUNCTION OF DURATION OF DARK-ADAPTATION

AFOSR66-2554

DARKENING

ATMOSPHERIC INFERENCES FROM PLANETARY LIMB DARKENING FINAL REPORT APR 1968

AFOSR66-0188

DART

DESIGN DEVELOPMENT AND FLIGHT TEST OF THE VIPER DART ROBIN METEOROLOGICAL ROCKET SYSTEM FINAL REPORT JUNE 1968

AFOSR66-0418

DASHEN

ON THE METHOD OF DASHEN AND GELL-MANN

AFOSR67-1381

D. A

DATA TRANSMISSION AND INSTRUMENTATION SYSTEMS FOR SPACE VEHICLES FINAL REPORT APR 1967
A DATA DEFINITION FACILITY FOR PROGRAMMING LANGUAGES
LASA DATA SERVICE FINAL REPORT MAY 1968
REVISED DATA ON POLYCRYSTALLINE MAGNESIUM OXIDE
CRITICAL DATA OF NIOBIUM NITRIDE IN TRANSVERSE MAGNETIC FIELDS
A HYBRID DATA ACQUISITION AND CONTROL SYSTEM FOR A HYPERSONIC WIND TUNNEL COMPLEX
SATELLITE DATA REDUCTION PROCESSOR SYSTEM
NONLINEAR DATA REDUCTION IN PHYSICAL CHEMISTRY
EXPERIMENTAL DATA ON SMALL-PLASTIC DEFORMATION WAVES IN ANNEALED ALUMINUM
STUDY OF ON-LINE DATA ANALYSIS WITH A HYBRID COMPUTER FINAL REPORT JULY 1968
ROCKET IN HORIZON DATA ANALYSIS FINAL REPORT JUNE 1968
ANALYSIS OF LIDAR DATA OBTAINED UNDER CONDITIONS OF LOW CEILING AND VISIBILITY
UTILIZATION OF PAST DATA IN NUMERICAL FORECASTING
NULL AND PSEUDONULL DATA FOR SCALAR FIELDS
OPTIMAL NON-RESETTING DATA RECONSTRUCTION
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS /U/
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS /U/
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS FINAL REPORT MAR 1968
ANALYSIS OF SCATTERING DATA FOR MIXTURES OF AMORPHOUS SOLIDS OF LIQUIDS
EQUILIBRIUM THERMODYNAMIC DATA FOR THE HSUB2-OSUB2-HE SYSTEM
THE USE OF PRECISE SCHOTTKY DATA IN THE ANALYSIS OF THE METAL-VACUUM SURFACE BARRIER FOR THERMIONIC EMITTERS I-
SMOOTHING AND UNFOLDING THE DATA OF BEAM-COLLISIONS EXPERIMENTS
THE ANALYSIS OF EXPERIMENTAL DATA OBTAINED FROM STABILITY STUDIES ON ELASTIC COLUMN AND PLATE STRUCTURES
THE OSO-III SOLAR ULTRAVIOLET DATA ANALYSIS PROGRAM FINAL REPORT NOV 1968
COMPUTER STORAGE OF CONTOUR-MAP DATA
CHOICE OF AXES FOR PROJECTION OF DATA ON A CRT USING MULTIVARIATE ANALYSIS OF VARIANCE
SOME REMARKS ON THE POLARIZATION DATA FOR PION-NUCLEON SCATTERING
A DIGITAL AIRBORNE METEOROLOGICAL DATA COLLECTION SYSTEM
SPECTRAL ANALYSIS FOR GEOPHYSICAL DATA
MACHINE RETRIEVAL OF GEOGRAPHICAL DATA
STUDY OF SCIENTIFIC AND TECHNICAL DATA ACTIVITIES IN THE UNITED STATES VOLUME II PART C PRELIMINARY CENSUS OF OF
COMPUTERIZED GRAPHICAL DISPLAY OF DATA FOR VISUAL EXAMINATION AND ANALYSIS IN PHYSICS RESEARCH.
A MATHEMATICAL MODEL OF THE FLOW OF DATA IN A MANAGEMENT INFORMATION SYSTEM
ASPECT OF A ROCKET FROM MAGNETOMETER DATA FINAL REPORT JUNE 1967
OPTIMUM LINEAR TRANSMISSION OF ANALOG DATA FOR CHANNELS JANUARY 1968
A PROGRAM TO DETERMINE FUNDAMENTAL NUCLEAR DATA FROM MUON INTENSITY MEASUREMENTS AND TO INVESTIGATE GEOPHYSICAL
OPTIMUM SAMPLING FOR MINIMUM ENERGY SAMPLED DATA FEEDBACK CONTROL SYSTEMS
A SYSTEM FOR AUTOMATIC COLLECTION OF GEOMAGNETIC DATA IN DIGITAL FORM FINAL REPORT FEB 1967
IMPLEMENTATION OF LIE GROUP TRANSFORMS OF SPATIAL DATA ON PARALLEL LOGIC ARRAYS
COLLECTION AND ANALYSIS OF SEISMIC WAVE PROPAGATION DATA
PARAMETRIC REPRESENTATIONS OF GAS-SURFACE INTERACTION DATA AND THE PROBLEM OF SLIP-FLow BOUNDARY CONDITIONS WITH
A MATHEMATICAL MODEL FOR THE ANALYSIS OF CONTOUR-LINE DATA
RESEARCH ON ELECTRONIC INTERACTION IN MATERIALS AND ON DATA PROCESSING THEORY FINAL REPORT NOV 1967
INSTRUMENT FOR FUNCTIONAL READOUT OF CHRONOCOLOMETRIC DATA APPLICATION TO CADMIUM ADSORPTION FROM IODIDE MEDIUM
A METHOD FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA
THE USE OF THE FIRST-ORDER RATE EQUATION IN TREATING KINETIC DATA
A USER'S MANUAL FOR A COMPUTER PROGRAM TO REDUCE SPECTROGRAPHIC DATA FROM A ROTATIONALLY SYMMETRIC PLASMA. FINAL REPORT
MAGNETOSPHERIC TAIL STUDIES I ANALYSIS OF HOURLY AVERAGED IMP-C DATA IN THE MAGNETOSPHERIC TAIL 2 UNCOUPLING OF
A SYSTEM FOR AUTOMATIC COLLECTION AND PROCESSING OF GEOMAGNETIC DATA IN DIGITAL FORM
THERMODYNAMIC ANALYSIS OF VAPOR-LIQUID AND VAPOR-SOLID EQUILIBRIA DATA TO OBTAIN INTERACTION SECOND VIRIAL
IONIC PROCESSES IN CYCLOUTANE. IMPLICATIONS OF MASS SPECTROMETRIC DATA FOR RADIOLYSIS STUDIES
THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION WITH INFINITE DATA
COMPARISON OF TWO METHODS FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA
THE CALCULATION OF PARAMETERS OF THE HOFFMANN EQUATION FOR ROTATORY DISPERSION DATA
A REVIEW OF THE APPLICABILITY OF THE SOUTHWELL PLOT TO THE INTERPRETATION OF TEST DATA OBTAINED FROM STABILITY STUDIES
VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE III THE DIRICHLET PROBLEM WITH INFINITE DATA
RESEARCH DIRECTED TOWARD THE COLLECTION REDUCTION AND EVALUATION OF GEOMAGNETIC FIELD DATA FINAL REPORT JAN 1968
COMPUTER TECHNIQUES FOR MAKING REEFS LAW CALCULATIONS OF CONCENTRATIONS FROM SPECTRAL DATA
EVIDENCE FOR EXCHANGE EFFECTS IN INELASTIC SCATTERING PROCESSES FROM ANGULAR CORRELATION DATA
A PRELIMINARY MICROWAVE ATTENUATION CLIMATOLOGY FOR THE MONTREAL AREA BASED ON WEATHER RADAR DATA
THE DESIGN AND USE OF AN FM/AM RADIOTELEMETRY SYSTEM FOR MULTICHANNEL RECORDING OF BIOLOGICAL DATA

AFOSR67-0338
AFOSR67-2045
AFOSR66-2151
AFOSR66-1452
AFOSR67-2589
ARL 66-1385
AFOSR67-0561
ARL 66-1451
AFOSR66-0647
AFOSR66-0353
AFOSR66-0300
AFOSR66-0522
AFOSR66-0271
AFOSR66-2730
AFOSR66-2025
AFOSR67-0473
AFOSR67-0474
AFOSR67-0585
AFOSR66-0037
AFOSR66-0038
AFOSR66-0226
AFOSR66-2107
ARL 66-0205
AFOSR67-0169
AFOSR67-2277
AFOSR67-1259
AFOSR66-0570
AFOSR66-2577
AFOSR66-0393
AFOSR66-1215
AFOSR67-0420
AFOSR67-0443
AFOSR66-0190
AFOSR66-1403
ARL 66-0267
AFOSR66-0095
AFOSR67-0424
AFOSR66-1158
AFOSR66-2685
AFOSR66-2048
AFOSR67-0281
AFOSR66-0443
AFOSR67-2773
AFOSR66-0864
AFOSR66-1191
AFOSR67-0652
AFOSR67-0750
AFOSR66-0195
AFOSR67-0530
ARL 66-0003
AFOSR67-0551
AFOSR66-0259
AFOSR67-1245
ARL 66-1235
AFOSR66-0251
AFOSR66-0386
AFOSR67-0536
AFOSR67-1441
AFOSR66-2240
AFOSR66-0014
AFOSR67-0538
AFOSR66-1012
AFOSR66-0185
AFOSR66-0833

DATA - CONTINUED

OPERATION OF A LONG PERIOD SEISMOGRAPH NETWORK UTILIZING MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR MICROPHOTOMETER DATA III
MODIFICATION OF THE MODEL 854C SIMONIAN DOUBLE-SPECTRUM /SPECTRUM/ ANALYZER FOR IMPROVED EXTRACTION OF PITCH DATA
PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY
PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY
AIR PRESSURE DEPENDENCE OF COSMIC RAY INTENSITY METHODS AND RESULTS OF A STATISTICAL ANALYSIS OF NEUTRON MONITOR DATA
AFCL 67-0446
AFOSR67-0277
AFCL 68-0118
ARL 68-0260
ARL 68-0263
AFCL 67-0212

DATE
ESTIMATING THE DATE OF RETREAT OF THE RAINY SEASON IN SOUTHERN SOUTH VIETNAM
AFCL 68-0229

DATURA
PHYTO-CHEMICAL STUDY OF THE SPECIES DATURA SANGUINEA /HUANTUC/ /SPANISH/
AFOSR67-0843

DAUGHTERS
DAUGHTERS FROM ANALYTICITY PLUS CROSSING SYMMETRY
AFOSR67-2701

DAYGLOW
ALTITUDE PROFILE OF THE INFRARED ATMOSPHERIC SYSTEM OF OXYGEN IN THE DAYGLOW
AFCL 68-0800

DAYTIME
DAYTIME TEMPERATURE PROFILES
AFCL 67-0097

DE-COUPLED
DE-COUPLED MONOPULSE EXCITATIONS FOR MAXIMUM GAIN WITH ARBITRARY SIDELobe CONSTRAINTS
AFCL 67-0332

DE-EXCITATION
DE-EXCITATION RATES OF EXCITED ELECTRONIC STATES IN SOLIDS
AFOSR67-2775
COLUMB OF-EXCITATION OF C-12 IN A HELIUM GAS AT HIGH DENSITY AND TEMPERATURE
AFOSR67-2579

DEACTIVATION
NONADIABATIC DECOMPOSITION OF N SUB 2 O IN THE DEACTIVATION OF O /SUPER 1 O/ BY 2 OXIDE IN THE DEACTIVATION OF OXYGEN
AFOSR67-2642

DEACY
DEACY OF CE SUPPER 143
ARL 68-1198

DEAF
ON THE NATURE OF SHORT-TERM MEMORY ENCODING BY THE DEAF
AFOSR67-1813

DEAMINATION
NONPLANAR CYCLOBUTANE STERIC CONTROL IN DEAMINATION OF CIS AND TRANS-3-ISOPROPYLCYCLOBUTYLAMINE
AFOSR67-2391
NONPLANAR CYCLOBUTANE EVIDENCE FOR A CONFORMATIONALLY CONTROLLED CLASSIC MECHANISM IN THE DEAMINATION OF CIS- AND
AFOSR68-2648

DEATH
LIFE AND DEATH IN EXTREME CAPTIVITY SITUATIONS
AFOSR67-1020

DEBUGGING
ON-LINE DEBUGGING TECHNIQUES A SURVEY
AFCL 67-0080

DEBYE
THE DEBYE TEMPERATURE OF NICKEL FROM 0 TO 300 DEGREES KELVIN
AFOSR68-0950
DETERMINING HIGH TEMPERATURE DEBYE CONSTANTS WITH THE AID OF X-RAY TECHNIQUES
ARL 68-1108

DEBYE-WALLER
SURFACE LATTICE DYNAMICS OF SILVER I LOW-ENERGY ELECTRON DEBYE-WALLER FACTOR
AFOSR67-0933

DECABORANE
THERMODYNAMIC PROPERTIES OF DECAHYDRO DECABORANE DIANION AND DODECAHYDRO DODECABORANE DIANION
AFOSR68-1728
THE EFFECT OF COLD EXPOSURE ON THE CATECHOLAMINE EXCRETION OF RATS TREATED WITH DECABORANE
AFOSR67-0802
UPTAKE OF NORADRENALINE IN THE ISOLATED PERFUSED RAT HEART AFTER DEPLETION WITH DECABORANE
AFOSR68-2726

DECAMETHYLCYCLOPENTA
DECAMETHYLCYCLOPENTASILANE AND TETRADECAMETHYLCYCLOPENTASILANE
AFOSR67-0197

DECARBOXYLATION
DECARBOXYLATION STUDIES IN THE ENDO-AND EXOTRICYCLO /3,2,1,02,4/OCTEN-8-ONE SERIES STEREoeLECTRONIC REQUIREMENTS FOR
AFOSR68-0709

DECARBOXYLATION
PHOTOCHEMICAL DECARBOXYLATION OF ACIDS WITH THALLIUM/III/
AFOSR68-2511

DECARBOXYLATIONS
FREE RADICALS IN THERMAL AND PHOTOCHEMICAL OXIDATIVE DECARBOXYLATIONS WITH LEAD /IV/
AFOSR68-2510

DECAY
DECAY CORRELATIONS OF PHOTO-PRODUCED RHO MESONS IN THE STRONG ABSORPTION MODEL
AFOSR67-0272
DECAY OF A DISTURBANCE IN AN INCOMPRESSIBLE, ZERO-PRESSURE- GRADIENT FLOW
ARL 67-0266
DECAY OF NO SUPPER 147
ARL 68-0311
DECAY OF CE SUPPER 143
ARL 68-0312
DECAY OF NO SUPPER 147
ARL 68-1202
DECAY OF CE SUPPER 143
ARL 68-1203
DECAY OF NO SUPPER 147
ARL 68-1214
/DECAY MODES OF THE ETA INTO 3 PIS PLUS A PHOTON & OF THE ETA INTO PI ZERO PLUS 2 PHOTONS/
AFOSR67-1740
THE DECAY OF TERBIUM-162 AND BETA DECAY SYSTEMATICS
ARL 68-1222
THE DECAY OF CE SUPPER 143
ARL 68-1345
MESON DECAY RATES IN O/4 2/ AND THE INTRODUCTION OF SU/3/
AFOSR68-0108
NOTION AND DECAY OF A VORTEX RING
AFOSR67-0077

DECAY

- CONTINUED

GROWTH AND DECAY OF DISCONTINUITIES IN FLUIDS WITH INTERNAL STATE VARIABLES
 SEQUENTIAL DECAY THEORY AND SEQUENTIAL TRANSITIONS
 GROWTH AND DECAY PROPERTIES OF SOLUTIONS OF SECOND ORDER ELLIPTIC EQUATIONS
 FREE-INDUCTION DECAY IN A MAGNETICALLY DILUTE SOLID
 INTERFERENCE OR DECAY OVER SHORT RETENTION INTERVALS
 ELASTIC PRECURSOR DECAY IN QUARTZITE FOR CYLINDRICAL AND SPHERICAL FLOW
 LOWER BOUND ON THE DECAY RATE FOR MU PAIR PRODUCTION FROM THE ETA PARTICLE
 STRUCTURE OF THE ETA DECAY INTO 3 PIONS AMPLITUDE
 STRUCTURE OF $\pi K-3 \pi$ DECAY
 CURRENT ALGEBRAS AND THE DECAY
 INVESTIGATION OF PRECURSOR DECAY IN IRON BY THE ARTIFICIAL VISCOSITY METHOD
 EXPERIMENTAL FREE-INDUCTION DECAY SHAPES AND THEORETICAL SECOND MOMENTS FOR HYDROGEN IN HEXAGONAL ICE
 ON THE ZETA TO GAMMA GAMMA/ DECAY MORE AND THE VECTOR-MESON DOMINANT MODEL
 RADIATIVE CORRECTIONS IN BETA DECAY
 INTERNAL CONVERSION STUDY IN THE DECAY OF RUSUPPER103
 THE DECAY OF TERBIUM-162 AND BETA DECAY SYSTEMATICS
 NUCLEAR-MAGNETIC-RESONANCE FREE INDUCTION DECAY IN A TWO-SPIN SYSTEM
 INTERNAL-CONVERSION-ELECTRON STUDY OF THE DECAY OF BA133 TO CS133
 INTERNAL CONVERSION-ELECTRON STUDY OF THE DECAY OF RUSUPPER103
 INTERNAL CONVERSION-ELECTRON STUDY OF THE DECAY OF RU SUPPER 103
 NON-EQUILIBRIUM SOLUTIONS FOR THE RADIATIVE DECAY OF A SYSTEM OF OSCILLATORS HARMONIC AND ANHARMONIC
 TEST-PARTICLE PROPAGATOR AND ITS APPLICATION TO THE DECAY OF PLASMA WAVE ECHOES
 NUCLEAR STRUCTURE OF SC SUPPER 43 I. ENERGY LEVELS AND DECAY SCHEMES
 STUDY OF THE INTERNAL CONVERSION ELECTRON SPECTRUM IN THE DECAY OF OS SUPPER 193
 RESONANCE DECAYS FROM $0/3 \ 1/2$ -DYNAMICS A REGULARITY IN THE PARTIAL DECAY WIDTHS
 DETERMINATION OF NUCLEAR MATRIX ELEMENT PARAMETERS IN THE FIRST FORBIDDEN BETA DECAY OF AUSUPPER100 AND SUSUPPER122
 BACKWARD COMPTON SCATTERING SUM RULE AND THE π -ZERO YIELDS TWO GAMMA ETA-ZERO YIELDS TWO GAMMA DECAY RATES
 THE MAGNETIC MOMENT OF THE FIVE STATE OF ONE ONE SIX SN AND OTHER SPECTROSCOPIC INVESTIGATIONS IN THE DECAY OF ONE ONE
 TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY KINETICS OF SECOND-ORDER DISPROPORTIONATION OF URANIUM V BY DECAY OF

AFOSR67-2670
 AFOSR68-1080
 AFOSR68-1913
 AFOSR68-0985
 AFOSR67-1809
 AFOSR68-1134
 AFOSR68-0274
 AFOSR67-1740
 AFOSR68-0276
 AFOSR67-1323
 AFOSR68-1005
 AFOSR67-2648
 AFOSR68-0107
 AFOSR68-0620
 ARL 67-1041
 ARL 68-1222
 AFOSR67-2641
 ARL 67-0233
 ARL 68-0082
 ARL 68-0313
 AFOSR67-0490
 AFOSR68-2653
 ARL 68-1342
 ARL 67-1047
 AFOSR67-1366
 ARL 67-1044
 AFOSR68-2279
 AFOSR67-0855
 AFOSR67-0542

DECAYS

STRONG DECAYS OF HIGHER SPIN BARYON RESONANCES IN $0/4, 2/$
 TWO-PION DECAYS OF KAONS IN A NDVPL APPROACH TO NONLEPTONIC WEAK PROCESSES
 RESONANCE DECAYS FROM $0/3 \ 1/2$ -DYNAMICS A REGULARITY IN THE PARTIAL DECAY WIDTHS
 NONLEPTONIC DECAYS OF HYPERONS
 REMARKS ON NONLEPTONIC DECAYS IN SU $3/3$ SYMMETRY
 RADICAL CONCENTRATIONS AND DECAYS IN LEAN HYDROGEN--NITROGEN--OXYGEN FLAMES
 CURRENT ALGEBRA AND NONLEPTONIC DECAYS
 RADIATIVE CORRECTIONS TO LEPTONIC DECAYS AND COMPOSITE MODELS FOR STRONG INTERACTIONS
 EXTRAPOLATION OF THE AMPLITUDES OF NONLEPTONIC DECAYS OF K MESONS
 EFFECTIVE DELTA I EQUALS ONE HALF RULE IN THE THREE-PION DECAYS OF KAONS
 FINAL STATE INTERACTION EFFECTS IN NEGATIVE PION MESONIC DECAYS OF LIGHT HYPERNUCLEI
 A CURRENT-ALGEBRA CALCULATION OF THE CHARGED RADIATIVE ETA DECAYS
 CURRENT-DENSITY-CURRENT-DENSITY COMMUTATORS AND VECTOR-MESON DECAYS
 A LIMITATION ON THE USE OF CURRENT ALGEBRA TECHNIQUES FOR MESON DECAYS
 STRONG INITIAL- AND FINAL-STATE INTERACTIONS IN NONMESONIC HYPER-NUCLEAR DECAYS AND IN PARITY-VIOLATING REACTIONS

AFOSR68-0187
 AFOSR67-0125
 AFOSR67-1366
 AFOSR67-0027
 AFOSR68-0156
 AFOSR67-1641
 AFOSR68-1013
 AFOSR67-2792
 AFOSR67-0543
 AFOSR67-0120
 AFOSR68-1256
 AFOSR68-0123
 AFOSR68-2246
 AFOSR67-2802
 AFOSR67-2029

DECLERATION

ON THE DECLERATION OF METAGALACTIC CLOUDS IN THE GALAXY

AFOSR67-1125

DECEMBER

QUANTUM MECHANICAL STUDY OF PLASMAS FINAL REPORT DECEMBER 1968
 MORE ZEROS OF BESSEL FUNCTION CROSS PRODUCTS FINAL REPORT DECEMBER 1968
 ON INITIAL CONDITIONS FOR VISCOUS INTERACTING FLOWS FINAL REPORT DECEMBER 1968
 THE ELECTRICAL AND OPTICAL PROPERTIES OF REFRACTORY OXIDES FINAL REPORT DECEMBER 1968
 THE DESIGN AND OPERATION OF A HIGH MACH NUMBER-REYNOLDS NUMBER FACILITY FINAL REPORT DECEMBER 1968
 BASIC RESEARCH ON THE SEPARATION OF SCANDIUM, YTTRIUM, AND THE RARE EARTHS BY SOLVENT EXTRACTION FINAL REPORT DECEMBER

ARL 68-0203
 ARL 68-0209
 ARL 68-021A
 ARL 68-0221
 ARL 68-0213
 ARL 68-0210

DECENTRALIZED

MORADRENALINE AND DOPAMINE CONTENT OF NORMAL DECENTRALIZED AND DENERVATED PINEAL GLAND OF THE RAT

AFOSR67-1105

DECEBERATE

BEHAVIORAL AND POLYGRAPHIC STUDY OF SLEEP AND WAKEFULNESS IN CHRONIC DECEBERATE CATS

AFOSR67-0460

DECISION

DECISION PROCESSES IN RETRIEVAL FROM MEMORY COMMENT ON THE CONTRIBUTIONS OF LLOYD R PETERSON AND CHARLES N COFFR
 A DECISION PROCEDURE BASED ON THE RESOLUTION METHOD
 SOME DECISION PROBLEMS ASSOCIATED WITH WEIGHTED DIRECTED GRAPHS
 STATISTICAL DECISION PROCESSES IN RECOGNITION AND DETECTION FINAL REPORT APRIL 1968
 INVESTIGATION OF DECISION THEORY WITH CORRELATED RANDOM VARIABLES
 ON SOME MULTIPLE DECISION /SELECTION AND RANKING/ RULES
 PROOF PROCEDURES AND DECISION PROCEDURES BASED ON THE RESOLUTION METHOD FINAL REPORT AUG 1968
 ISSUES IN SOCIAL SCIENCE DECISION MAKING FINAL REPORT MARCH 1968
 A CLASS OF SEQUENTIAL MULTIPLE DECISION MAKING PROCEDURES
 SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
 SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
 UNCERTAINTY INFORMATION SEARCH AND DECISION MAKING FINAL REPORT NOV 1968
 METHODS OF VALIDATION OF JUDGMENTS IN DECISION MAKING FINAL REPORT AUG 1967
 AN INFORMATION PROCESSING THEORY OF HUMAN DECISION MAKING UNDER UNCERTAINTY AND RISK

AFOSR67-2732
 AFOSR68-1504
 AFOSR68-2010
 AFOSR68-1167
 AFOSR69-1554
 ARL 67-0257
 AFOSR68-1823
 AFOSR68-0643
 ARL 68-1476
 ARL 68-1251
 ARL 68-1465
 AFOSR68-2324
 AFOSR67-2493
 AFOSR67-2129

DECISION-DIRECTED

AN OPTIMUM DECISION-DIRECTED SCHEME FOR GAUSSIAN MIXTURES
 A TECHNIQUE OF OPTIMIZING DECISION-DIRECTED CHANNEL MEASUREMENTS FOR COHERENT DETECTION

AFOSR68-2225
 AFOSR67-1590

DECISION-THEORETIC

DECISION-THEORETIC PSYCHOMETRICS A LOGICAL ANALYSIS OF GUESSING
 DECISION-THEORETIC PSYCHOMETRICS THE EFFECT OF GUESSING ON THE QUALITY OF PERSONNEL AND COUNSELING DECISIONS
 DECISION-THEORETIC PSYCHOMETRICS THE WORTH OF INDIVIDUALIZING INSTRUCTION
 COMPARISON OF MULTIDIMENSIONAL DECISION-THEORETIC ANTENNA PROCESSING SYSTEM AND CONVENTIONAL SYSTEMS

AFOSR68-2154
 AFOSR68-2155
 AFOSR68-2156
 AFOSR68-0366

DECISIONS

DECISION-THEORETIC PSYCHOMETRICS THE EFFECT OF GUESSING ON THE QUALITY OF PERSONNEL AND COUNSELING DECISIONS

AFOSR68-2155

DECODING

DECODING OF GRAPH THEORETIC CODES
 DECODING OF ROSE-CHAUDHURI-HOQUEENGHEM CODES AND PRONYS METHOD FOR CURVE FITTING

AFOSR69-0551
 AFOSR68-0745

DECODING - CONTINUED

CASCADE DECODING OF CYCLIC PRODUCT CODES
ON SEQUENTIAL DECODING
ERROR BOUNDS FOR CONVOLUTIONAL CODES AND AN ASYMPTOTICALLY OPTIMUM DECODING ALGORITHM

AFOSR66-1808
AFOSR67-0176
AFOSR67-1927

DECOMPOSITION

DECOMPOSITION THEORY OF SEMIAUTOMATA AND AUTOMATA FINAL REPORT DEC 1967
DECOMPOSITION THEOREM FOR BOUNDED UNIFORMLY CONTINUOUS FUNCTIONS ON A GROUP
A DECOMPOSITION FOR L SUPER ONE-BOUNDED MARTINGALES
CLUSTER DECOMPOSITION AND THE SPIN-STATISTICS THEOREM IN S-MATRIX THEORY
PERIODIC DECOMPOSITION OF SEQUENTIAL MACHINES
COVARIANT DECOMPOSITION OF A TENSOR AND THE GRAVITATIONAL CAUCHY PROBLEM /FRENCH/
COVARIANT DECOMPOSITION OF SYMMETRIC TENSORS AND THE GRAVITATIONAL CAUCHY PROBLEM
COVARIANT DECOMPOSITION AND ENERGY OF THE GRAVITATIONAL FIELD /FRENCH/
SENSITIZED DECOMPOSITION OF KRYPTOCYANINE
THE THERMAL DECOMPOSITION OF COPPER /II/ CHLORATES OF N- SUBSTITUTED THIOPICOLINAMIDES
THE THERMAL DECOMPOSITION OF PERFLUOROPROPENE
THE THERMAL DECOMPOSITION OF OXYGEN DIFLUORIDE IN A FLOW SYSTEM
THE THERMAL DECOMPOSITION OF ORGANOMETALLIC HEAVY METAL TRIMALOACETATES IN THE PRESENCE OF OLEFINS
THE THERMAL DECOMPOSITION OF PERFLUOROPROPENE
NONADIABATIC DECOMPOSITION OF N SUB 2 O IN THE DEACTIVATION OF O /SUPER 1 O/ BY S OXIDE IN THE DEACTIVATION OF OXYGEN
ON EMBEDDING DECOMPOSITION SPACES OF N-DIMENSIONAL EUCLIDEAN SPACE IN N-PLUS-ONE-DIMENSIONAL EUCLIDEAN SPACE
UNIMOLECULAR DECOMPOSITION OF POSITIVE IONS
THE EXPLOSIVE DECOMPOSITION OF CHLORINE DIOXIDE
CATALYZED THERMAL DECOMPOSITION OF AMMONIUM PERCHLORATE
SYNCHRONIZATION AND DECOMPOSITION OF FINITE AUTOMATA
REMARKS ON ALGEBRAIC DECOMPOSITION OF AUTOMATA
THE REVERSIBLE THERMAL DECOMPOSITION OF TRIPHENYLMETHYLPEROXY RADICAL TO TRIPHENYLMETHYL RADICAL AND OXYGEN
SELECTION RULES AND THE DECOMPOSITION OF THE KRONECKER SQUARE OF IRREDUCIBLE REPRESENTATIONS
THE /SUB P1/ MERCURY-PHOTOSENSITIZED DECOMPOSITION OF MONOGERMANE
REACTIONS IN LIQUIDS AT CRITICAL CONDITIONS - DECOMPOSITION OF BENZOYL PEROXIDE
KINETIC AND EQUILIBRIUM STUDIES OF THE THERMAL DECOMPOSITION OF 2-METHYL-2-PROPANOL
THE CATALYTIC ACTIVITY OF NICKEL AND NICKEL BORIDE FOR FORMIC ACID DECOMPOSITION

AFOSR67-0086
AFOSR67-0263
AFOSR66-0968
AFOSR66-0270
AFOSR66-1947
AFOSR67-1473
AFOSR66-0112
AFOSR66-1929
ARL 67-1162
AFOSR67-0234
AFOSR66-1197
AFOSR66-1356
AFOSR66-1911
AFOSR66-0207
AFOSR67-0642
AFOSR66-0849
ARL 66-1047
AFOSR66-2408
AFOSR66-2633
AFOSR66-2319
AFOSR66-1936
AFOSR67-1203
AFOSR66-2132
AFOSR67-0198
AFOSR66-1222
AFOSR67-1969
AFOSR66-0160

DECOMPOSITIONS

CONCERNING CELLULAR DECOMPOSITIONS OF THREE-MANIFOLDS THAT YIELD THREE-MANIFOLDS

AFOSR66-2669

DECOUPLING

DECOUPLING IN THE DESIGN AND SYNTHESIS OF MULTIVARIABLE CONTROL SYSTEMS

AFOSR66-1339

DECREASE

A CASE OF TRANSIENT ANISOTROPY DURING THE RECOVERY PHASE OF A POROSITY DECREASE

AFOSR67-0795

DECKING

GROUP RINGS OVER DEDEKIND DOMAINS
GROUP RINGS OVER DEDEKIND DOMAINS II

AFOSR67-0906
AFOSR66-0302

DEDUCTIVE

A FORMAL DEDUCTIVE PROBLEM-SOLVING SYSTEM
THE FORTRAN DEDUCTIVE SYSTEM

AFOSR66-0825
AFOSR66-0816

DEEP

DEEP SLEEP INDUCTION BY ELECTRICAL STIMULATION OF THE BRAIN STEM AND CEREBRAL CORTEX
OPTICAL STUDIES OF DEEP ELECTRON TRAPS IN GAP

AFOSR66-0945
ARL 66-1360

DEFECT

DEFECT BEHAVIOR IN SEMICONDUCTORS FINAL REPORT APRIL 1967
DEFECT STRUCTURE OF A-NBSUB2SUBS
THE DEFECT STRUCTURE OF METAL OXIDES
RESEARCH ON DEFECT CONTROLLED ELECTRICAL PROPERTIES OF RUTILE, FINAL REPORT APRIL 1968
CALCULATION OF DEFECT MODE FREQUENCIES
STUDIES OF THE DEFECT STRUCTURE OF NONSTOICHIOMETRIC RUTILE, TIO5UB2-X
HIGH TEMPERATURE DEFECT STRUCTURE OF FERROUS OXIDE
HIGH-TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NIO
HIGH-TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NIO
HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NIO
RELATIONSHIP BETWEEN DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF CERAMIC MATERIALS
POINT DEFECTS AND THE DEFECT STATE IN CERAMICS
CURRENT RESEARCH ON THE DEFECT STRUCTURE AND TRANSPORT PROPERTIES OF COMPOUND SEMICONDUCTORS AT AIRI
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF A/O.13VO5UB1, SUBS.O.67THOSUB2/ ELECTROLYTE
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF HFO SUB 2
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF ZRO5UB2
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF SC5UB2OSUB3
USE OF MICROBALANCE FOR DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES
USE OF A MICROTHERMOBALANCE IN DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES
MAGNETIC PROPERTIES OF IRON OXIDE AS RELATED TO THE DEFECT STRUCTURE
MAGNETIC PROPERTIES OF IRON SUBX OXYGEN AS RELATED TO THE DEFECT STRUCTURE
RELATING THE LOW TEMPERATURE CONDUCTIVITY OF RUTILE TO ITS DEFECT STRUCTURE
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS- PART I THE SINGLE ENERGY LEVEL DEFECT CENTERS

AFOSR67-1066
ARL 67-1340
ARL 67-1160
ARL 66-0065
AFOSR67-0509
ARL 67-0250
ARL 67-0137
ARL 66-0161
ARL 66-0199
ARL 66-1170
ARL 66-1156
ARL 66-1142
ARL 66-1156
ARL 67-0126
ARL 67-0176
ARL 66-1171
ARL 66-1172
ARL 66-1144
ARL 67-0160
AFOSR67-1679
AFOSR66-1973
ARL 66-1146
AFOSR67-1650

DEFECTS

DEFECTS IN RARE GAS CRYSTALS
DEFECTS NEAR IONIC CRYSTAL SURFACES
DEFECTS AND THEIR ROLE IN DETERMINING BULK PROPERTIES OF CRYSTALS FINAL REPORT MAY 1968
POINT DEFECTS AND THE DEFECT STATE IN CERAMICS
LATTICE DEFECTS IN STAINLESS STEEL SHOCK-LOADED TO PRESSURES ABOVE 1 MEGABAR
NATURE OF THE DEFECTS IN GERMANIUM TELLURIDE
ON THE CRYSTAL DEFECTS THAT CAUSE AC ELECTROLUMINESCENCE PART D FINAL REPORT OCT 1967
THE PROPERTIES OF DEFECTS INTRODUCED IN SILICON BY 10-MEV ELECTRON IRRADIATION FINAL REPORT JUNE 1968
THE STUDY OF POINT DEFECTS IN CSCI ORDERED ALLOYS AND OTHER INTERMETALLIC COMPOUNDS FINAL REPORT NOV 1968
THE FORMATION OF POINT DEFECTS IN BINARY ALLOYS
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MSUB2XSUB5
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MX
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND N SUB2 X
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MSUB2XSUB3
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MX SUB2
PHOTOLUMINESCENT PROPERTIES OF DEFECTS IN COSE
THE DYNAMICS OF CRYSTAL LATTICES WITH DEFECTS

AFOSR67-0370
AFOSR67-2392
AFOSR66-0956
ARL 66-1142
AFOSR66-2629
AFOSR67-1453
AFOSR66-0474
AFOSR66-0368
AFOSR66-2644
ARL 66-1152
ARL 67-0115
ARL 67-0147
ARL 66-0186
ARL 66-0187
ARL 66-0188
ARL 67-1311
ARL 66-1154

DEFECTS

- CONTINUED

NUCLEAR MAGNETIC RESONANCE STUDIES OF POINT DEFECTS IN BARIUM FLUORIDE CRYSTALS
LOCAL MODES AND RESONANCE SCATTERING OF LATTICE WAVES DUE TO POINT DEFECTS OPTICAL AND THERMAL PROPERTIES OF IMPERFECT
AFOSR67-8894
AFOSR68-1094

DEFENSE

AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME I - MIDCOURSE AND TERMINAL BALLISTIC
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME II - AREA DEFENSE SPACE-TIME STUDY FINAL
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME III - MULTILAYER FILTER MODEL FINAL REPORT
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IV - ANALYSIS OF THE SOVIET AND CUBAN
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME V ERROR ANALYSIS AND RELATED STUDIES FINAL
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME VIII-SUPPORTING STUDIES ON TECHNOLOGY AND AND
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IX - STRATEGY CONSIDERATIONS IN AREA
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME X SUMMARY AND HIGHLIGHTS FINAL REPORT FEB
DISCUSSION OF AGGRESSION DEFENSE AND NEUROHUMORS - PAPER BY ALAN B ROTHBALLER PROCEEDINGS OF THE FIFTH CONFERENCE ON
AN INTERTEMPORAL ANALYSIS OF THE DEFENSE IMPACT UPON A LOCAL COMMUNITY CASE STUDY OF EL PASO COUNTY COLORADO 1941 1968
TECHNOLOGICAL BARRIERS TO AREA ICBM DEFENSE VOLUME I FINAL REPORT AUG 1968
BRAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL MECHANISMS AND SOCIAL PATTERNS UCLA FORUM IN MEDICAL SCIENCES
ORA 67-0081
ORA 67-0082
ORA 67-0083
ORA 67-0085
ORA 67-0087
ORA 67-0011
ORA 68-0081
ORA 68-0082
AFOSR68-1877
SRL 68-0001
ORA 68-0010
AFOSR68-1341

DEFENSES

THE ROLE OF THE THALAMUS MEDIAN IN THE ESTABLISHMENT AND THE RETENTION OF CONDITIONED DEFENSES CLASSICAL AND
AFOSR67-2114

DEFENSIVE

DEFENSIVE BEHAVIOUR AND THE AFTER EFFECTS OF BRAIN STIMULATION IN THE RING DOVE /STREPTOPELIA RISORIA/
AFOSR68-0606

DEFICIENCIES

COLOR ANOMALIES AND METAL DEFICIENCIES IN SOLAR-TYPE DISK- POPULATION STARS
AFOSR67-0034

DEFICIENCY

COMPUTER ASSISTED ELECTROENCEPHALOGRAPHIC ANALYSIS OF CHICK PYRIDOXINE DEFICIENCY STATES
AFOSR67-1890

DEFICIENT

STUDY OF NEUTRON DEFICIENT NUCLEI FAR FROM β -STABILITY LINE
NUCLEAR QUADRUPOLE MOMENTS OF THE NEUTRON DEFICIENT ISOTOPES ^{131}Cs AND ^{132}Cs
PARADOXICAL SLEEP AND DREAMING AMONG THE MENTAL DEFICIENT /FRENCH/
DETERMINATION OF OXYGEN-ZIRCONIUM RATIO IN OXYGEN DEFICIENT ZIRCONIA
ARL 67-1174
AFOSR68-1107
AFOSR67-0497
ARL 68-0186

DEFICIT

PERCEPTUAL DEFICIT DURING A MENTAL TASK
AFOSR67-2234

DEFINED

NOTE ON CLASSES OF FUNCTIONS DEFINED BY INTEGRATED LIPSCHITZ CONDITIONS
EXTERNAL PROBLEMS FOR A CLASS OF FUNCTIONALS DEFINED ON CONVEX SETS
ON A SUBCLASS OF THREE-DIMENSIONAL HARMONIC FUNCTIONS DEFINED BY THE BERGMAN-WHITTAKER OPERATOR
A THEORY FOR THE SLIP-FLow BOUNDARY CONDITIONS OVER A SURFACE DEFINED BY ARBITRARY GAS-SURFACE INTERACTION PARAMETERS
A COMPUTER PROGRAM FOR DISCOVERING AND PROVING SEQUENTIAL RECOGNITION RULES FOR WELL-FORMED FORMULAS DEFINED BY A
AFOSR68-1076
AFOSR67-2718
AFOSR68-2896
AFOSR67-1911
AFOSR67-0289

DEFINITE

AN APPROXIMATION TO A DEFINITE INTEGRAL
ARL 68-0284

DEFINITENESS

POSITIVE DEFINITENESS OF GRAVITATIONAL FIELD ENERGY
AFOSR68-1011

DEFINITION

FORMAL DEFINITION OF COLI A COMPUTER DESCRIPTION LANGUAGE
A DATA DEFINITION FACILITY FOR PROGRAMMING LANGUAGES
ON A FORMAL DEFINITION OF DIRECT MACHINE TOOL LANGUAGES
A BASE FOR THE DEFINITION OF COMPUTER LANGUAGES
AFCLR67-0888
AFOSR67-2045
AFOSR68-2770
AFOSR68-0104

DEFLAGRATION

THE DEFLAGRATION OF HYDRAZINE DIPERCHLORATE
RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS FINAL REPORT DEC 1967
AFOSR67-1999
AFOSR67-0382
AFOSR67-176R
AFOSR67-2411
AFOSR68-0002

DEFLAGRATIONS

REACTION KINETICS IN DIFFERENT TYPES OF DEFLAGRATIONS FINAL REPORT OCT 1968
AFOSR68-2634

DEFLECTION

ELECTRO-OPTIC DEFLECTION WITH BATIO SUB3 PRISMS
A STUDY OF THE ELECTRIC DEFLECTION OF MOLECULAR BEAMS
A STUDY OF THE ELECTRIC DEFLECTION OF MOLECULAR BEAMS
ELECTRICALLY CONTROLLED ACOUSTIC BEAM DEFLECTION
AFOSR67-0348
AFOSR67-1971
AFOSR68-1879
AFCLR67-0312

DEFLECTION--MODULATI

DEFLECTION--MODULATION CRT DISPLAY
AFOSR67-0342

DEFLECTIONS

LARGE DEFLECTIONS OF AN AXIALLY COMPRESSED OVAL CYLINDRICAL SHELL
AFOSR67-2067

DEFORMABLE

STIFFNESS OF FINITELY DEFORMABLE MEMBRANES FINAL REPORT JULY 1967
NATURAL VIBRATIONS OF FINITELY DEFORMABLE STRUCTURES
AFOSR68-0241
AFOSR68-0347

DEFORMATION

THE DEFORMATION BEHAVIOR OF NON-ISOAXIAL BICRYSTALS OF Fe-3 PERCENT Si
ROCK DEFORMATION AND THE DEFORMATION MECHANISMS IN TORSION TESTS FINAL REPORT MAR 1967
STRESS AND DEFORMATION ANALYSIS OF FLEXIBLE BALLOONS FINAL REPORT MAR 1967
RANDOM STRUCTURE DEFORMATION POTENTIALS AND EXCITON STATES IN SOLID XENON
ARL 67-0242
AFCLR67-0308
AFCLR67-0345
AFOSR67-2764

DEFORMATION

- CONTINUED

TECTONIC MOVEMENT AND DEFORMATION RELEASE IN ALASKA FINAL REPORT JUNE 1968
 TWO-DIMENSIONAL FINITE DEFORMATION EXPERIMENTS ON DOGS ARTERIES AND VEINS
 PIEZO-OPTICAL CONSTANTS DEFORMATION POTENTIALS AND THE ELECTRONIC STRUCTURE OF COPPER
 ROCK DEFORMATION AND THE DEFORMATION MECHANISMS IN TORSION TESTS FINAL REPORT MAR 1967
 EXPERIMENTAL DATA ON SMALL-PLASTIC DEFORMATION WAVES IN ANNEALED ALUMINUM
 AN EXPERIMENTAL STUDY OF THE DOUBLE SLIP DEFORMATION HYPOTHESIS FOR FACE-CENTRED CUBIC SINGLE CRYSTALS
 THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF ALUMINUM AND NICKEL
 THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF COPPER AT DIFFERENT STRAIN RATES

AFOSR66-1933
 AFOSR67-1980
 AFOSR66-0723
 AFOSR67-0306
 AFOSR66-0647
 AFOSR67-1007
 AFOSR67-1088
 AFOSR67-1680

DEFORMATIONS

FINITE DEFORMATIONS OF A CYLINDRICAL MEMBRANE LOADED BY A UNIFORM INTERNAL PRESSURE AND AN AXIAL LOAD
 A SPECIMEN FOR REVERSED SHEAR DEFORMATIONS

AFOSR66-0488
 AFOSR66-2818

DEFORMED

DISLOCATION DISTRIBUTION IN DEFORMED SILVER SINGLE CRYSTALS
 SHEAR STRENGTH OF TWELVE GROSSLY DEFORMED METALS AT HIGH PRESSURES AND TEMPERATURES

AFOSR67-0968
 AFOSR67-0478

DEGENERACY

DEGENERACY OF CYCLOTRON MOTION
 SPIN DEGENERACY IN THE AND METHOD EXCITED STATES OF THE BENZENE MOLECULE
 ON THE DEGENERACY OF THE KELLER PROBLEM
 SU(3) SYMMETRY EXCHANGE DEGENERACY AND LORENTZ-POLE CLASSIFICATION OF CONSPIRATOR FAMILIES
 THEORETICAL DISCUSSIONS CONCERNING DEGENERACY
 RESONANCE SCATTERING IN IMPURE SUPERCONDUCTORS II - EFFECTS OF CORRELATION AND DEGENERACY

AFOSR67-0063
 AFOSR66-2506
 AFOSR66-2861
 AFOSR66-1463
 AFOSR67-2709
 AFOSR67-2764

DEGENERATE

DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS OF SECOND ORDER
 TRANSPORT COEFFICIENTS OF DEGENERATE PLASMA
 THE EFFECT OF ORIENTATION OF DEGENERATE COORDINATES ON CORIOLIS COUPLING CONSTANTS
 A FINITE-DIFFERENCE METHOD FOR DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS
 CORRECTIONS TO THE DIELECTRIC CONSTANT OF A DEGENERATE ELECTRON GAS
 HIGH-STRESS OPTICAL BIREFRINGENCE IN PURE AND DEGENERATE N-TYPE GERMANIUM
 STUDIES IN STELLAR EVOLUTION V TRANSPORT COEFFICIENTS OF DEGENERATE STELLAR MATTER
 OBSERVATION OF QUANTUM SPIN AND HIGH FIELD DAMPING EFFECTS IN MICROWAVE HELICON PROPAGATION IN DEGENERATE

AFOSR66-2667
 AFOSR66-2402
 AFOSR66-2806
 AFOSR66-2818
 AFOSR67-0173
 AFOSR66-0804
 AFOSR67-1134
 AFOSR67-0218

DEGENERATENESS

CRITICAL DEGENERATENESS IN LARGE LINEAR SYSTEMS

AFOSR66-1525

DEGLI

II CALCOLO DEGLI AUTOVALORI

ARL 66-0279

DEGRADATION

DEGRADATION OF IMAGERY FROM OPTICAL-MECHANICAL SCANNERS MOISTURE CONDENSATION ON OPTICS
 ON DEGRADATION OF COMBINATION LOCKS AND THE MAXIMUM TIME TO OPEN THEM
 THERMAL DEGRADATION OF SILICONES
 SOME ASPECTS OF ENERGY DEGRADATION OF EXCITED MOLECULES

AFOSR67-0398
 ARL 67-1269
 ARL 68-1180
 AFOSR66-2870

DEGREE

DEGREE OF COHERENCE OF AN ARBITRARY ORDER
 DEGREE OF APPROXIMATION BY RATIONAL FUNCTIONS AND POLYNOMIALS
 DEGREE OF HIGHER-ORDER OPTICAL COHERENCE
 THE DEGREE OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS
 THE DEGREE OF APPROXIMATION BY LINEAR POSITIVE OPERATORS
 THE DEGREE OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS
 DETERMINING THE DEGREE OF AMBIGUITY IN FROST POINT TEMPERATURES AS MEASURED BY AN OPTICAL DEW POINT SENSOR
 DETERMINATION OF THE DEGREE OF IONIZATION OF GAS ATOMS AS A FUNCTION OF X-RAY ENERGY
 A REPORT ON THE EFFECT OF DEGREE OF CONFIDENCE IN STUDENT TESTING
 GIANT PULSE LASER ACTION AT 77 DEGREE K
 VERBAL SHORT TERM-MEMORY AS A FUNCTION OF DEGREE OF LEARNING ON A PERCEPTUAL MOTOR INTERPOLATED ACTIVITY
 HYPERSONIC STABILITY DERIVATIVES FOR A STANDARD 10 DEGREE CONE FINAL REPORT MAY 1967
 OPTIMUM CRITICAL IMPULSE FOR SNAP-THROUGH IN SYSTEMS OF ONE DEGREE OF FREEDOM
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I THE AND EXPERIMENTAL STUDY OF A 70 DEGREE BLUNT DELTA WING FOR

AFOSR67-0210
 AFOSR66-1031
 AFOSR66-1080
 ARL 66-0176
 ARL 66-1258
 ARL 66-1259
 AFOSR67-0147
 AFOSR66-0876
 AFOSR66-2161
 AFOSR67-0069
 AFOSR66-1891
 ARL 67-0099
 AFOSR67-1511
 AFOSR66-1035

DEGREES

SUPERCONDUCTIVITY AT 20 DEGREES KELVIN
 HEAT TRANSFER BELOW 0.2 DEGREES K
 AN OBSERVER MOVING IN THE 3 DEGREES K RADIATION FIELD
 PRESSURE DISTRIBUTION ON A 5.6 DEGREES BLUNT CONE AT MACH 14 FINAL REPORT NOVEMBER 1968
 THERMAL EXPANSION OF ZNS FROM 2 DEGREES TO 317 DEGREES K
 ISOTOPIC DIFFERENCES IN THE ZERO DEGREES K VOLUME AND SUBLIMATION ENERGIES OF SOLID NEON AND ARGON
 THERMAL EXPANSION OF COSE FROM 2 DEGREES TO 300 DEGREES K
 THE TRAVEL TIMES OF P WAVES TO 30 DEGREES IN THE CENTRAL UNITED STATES AND UPPER MANTLE STRUCTURE FINAL REPORT JULY
 DISSIPATION FACTOR OF THE TORSIONAL MODE DEGREES TSUB2 FOR A HOMOGENEOUS-MANTLE EARTH WITH A SOFT-SOLID OR A
 THERMAL CONDUCTIVITY MEASUREMENTS BELOW 4.2 DEGREES K
 THE DEBYE TEMPERATURE OF NICKEL FROM 0 TO 300 DEGREES KELVIN
 THERMAL EXPANSION OF ZNS FROM 2 DEGREES TO 317 DEGREES K
 THERMAL EXPANSION OF COSE FROM 2 DEGREES TO 340 DEGREES K
 DIELECTRIC DISSIPATION IN NaCl AND KCl BELOW 4.2 DEGREES K
 ELECTRON MICROSCOPY OF POLYETHYLENE BELOW TWENTY DEGREES KELVIN
 AN ANALYSIS OF THE TRAVEL TIMES OF S WAVES TO NORTH DEGREES
 KINETIC THEORY OF HEAT TRANSFER FOR A GAS WITH INTERNAL DEGREES OF FREEDOM
 AN INVESTIGATION OF A VARIABLE WAVEGUIDE COUPLER WITH 360 DEGREES OF PHASE CONTROL
 EFFECTS OF ELECTRON BOMBARDMENT ON SINGLE-CRYSTAL COSE AT 77 DEGREES K
 RELATIVE ENTHALPY OF BERYLLIUM 1-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150
 A DIFFERENTIAL THERMAL ANALYSIS SAMPLE HOLDER FOR USE TO 1700 DEGREES C
 A DIFFERENTIAL THERMAL ANALYSIS SAMPLE HOLDER FOR USE TO 1700 DEGREES C
 PARAMAGNETIC RESONANCES OF COPPER II IN MAGNESIUM OXIDE AT 1.2 DEGREES POTASSIUM
 MEASUREMENT OF THE REFRACTIVE INDEX IN AN ARGON PLASMA AT 6328 DEGREES A AND 1.15U. FINAL REPORT DEC 1967
 MAGNETIC SUSCEPTIBILITY OF URANIUM TRIFLUORIDE IN THE RANGE 2-300 DEGREES K
 LIQUID DENSITY AND EXCESS VOLUME OF LIGHT HYDROCARBON MIXTURES AT -165 DEGREES CENTIGRADE
 A CALORIMETRIC AND POTENTIOMETRIC STUDY OF MERCURIC BROMIDE SYSTEMS AT 25 DEGREES CENTIGRADE IN THREE MOLAR SODIUM
 ULTRASONIC VELOCITY AND DISPERSION IN LIQUID HELIUM II FROM 0 TO 1.8 DEGREES K
 REACTION MECHANISMS AND KINETICS IN SOLID PHASE REACTIONS FROM 1500-3000 DEGREES C
 HEAT CAPACITY OF ALPHA URANIUM AT A PRESSURE OF 10 KBAR BETWEEN 0.3 AND 4 DEGREES K
 EVIDENCE FOR ANTIFERROMAGNETIC EXCHANGE IN THE SPECIFIC HEAT OF CO3 IN AT 4.2 DEGREES K
 SINGLE-COLLISION-TIME THEORY OF SOUND PROPAGATION IN LIQUID HELIUM-4 BELOW 0.6 DEGREES KELVIN
 MEASURED RELATIVE ENTHALPY OF AMORPHOUS CRYSTALLINE ALUMINUM TRIFLUORIDE FROM 273 TO 1173 DEGREES K AND DERIVED

AFOSR67-1616
 AFOSR66-1461
 AFOSR66-2888
 ARL 66-0208
 ARL 67-0246
 AFOSR67-0480
 ARL 76-1404
 AFOSR67-1464
 AFOSR67-0262
 ARL 67-1012
 AFOSR66-0866
 ARL 67-0246
 ARL 66-1404
 AFOSR67-0816
 AFOSR67-1780
 AFOSR67-0264
 AFOSR67-1035
 AFOSR67-0090
 ARL 67-0090
 AFOSR67-2815
 ARL 66-0235
 ARL 66-0332
 AFOSR67-0082
 ARL 67-0218
 AFOSR67-1608
 AFOSR66-2130
 AFOSR67-1312
 AFOSR67-2071
 AFOSR66-0661
 AFOSR67-0160
 ARL 66-1463
 AFOSR66-0151
 AFOSR67-2014

AN EXPERIMENTAL DETERMINATION OF THE DYNAMIC VISCOSITY OF ATMOSPHERIC ARGON FROM 3800 TO 8800 DEGREES KELVIN APOSR66-1210
 MAGNETIC SUSCEPTIBILITY OF BARIUM MOLYBDATE/IV AND STRONTIUM MOLYBDATE/IV IN THE RANGE 2-300 DEGREES K APOSR66-1478
 DETERMINATION OF THE THERMAL ACCOMMODATION COEFFICIENTS OF GASES ON CLEAN SURFACES AT TEMPERATURES ABOVE 300 DEGREES K APOSR67-1822
 RELATIVE ENTHALPY OF BERYLLIUM 1 3-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150 DEGREES APOSR67-2016

DEMALOGENATION

2-OXO-1 3-ALKADYL DIKADICALS DEMALOGENATION OF ALPHA-ALPHA APOSR66-2904

DEHYDROGENASE

IMPORTANCE OF XANTHINE DEHYDROGENASE IN DROSOPHILA MELANOGASTER APOSR66-2327
 IMPORTANCE OF XANTHINE DEHYDROGENASE IN DROSOPHILA MELANOGASTER FINAL REPORT NOV 1968 APOSR66-2328

DEHYDRONORCANPHOR

OPTICAL PURITY AND OPTICAL ROTATORY POWER OF DEHYDRONORCANPHOR APOSR66-2234

DELAY

ACTIVE RC DELAY NETWORKS USING OPERATIONAL AMPLIFIERS AFCL67-0333
 CONTROL OF LINEAR TIME DELAY SYSTEMS WITH ESSENTIALLY LINEAR COST FUNCTIONALS APOSR66-0308
 STABILITY INDICATIVE FUNCTION AND ITS APPLICATION TO SYSTEMS WITH TIME DELAY APOSR67-1260
 A STOCHASTIC MODEL OF MESSAGE INTERCHANGE ON A CHANNEL WITH TRANSMISSION DELAY APOSR67-2130

DELAY-DIFFERENTIAL

ON THE CONTROLLABILITY OF DELAY-DIFFERENTIAL SYSTEMS APOSR66-0169

DELAY-DOPPLER

LUNAR DELAY-DOPPLER MAPPING APOSR66-1127

DELAYED-TYPE

INDUCTION OF UNRESPONSIVENESS TO A SYNTHETIC ANTIGEN CAPABLE OF PROVOKING EXCLUSIVELY DELAYED-TYPE SENSITIVITY IN APOSR66-0638

DELPAURATION

RESEARCH ON THE DELPAURATION OF HIGH-ENERGY SOLID OXIDIZERS APOSR67-0929

DELINATION

DELINATION OF L4 ULTRAVIOLET SPECTROMETER SOURCES /U/ FINAL REPORT MAR 1967 AFCL67-0240

DELIVERY

BALLOON DELIVERY SYSTEM /U/ AFCL67-0882

DELPHINI

A SPECTROPHOTOMETRIC STUDY OF DELTA SCUTI AND DELTA DELPHINI APOSR67-2200

DELTA

EFFECTIVE DELTA 1 EQUALS ONE HALF RULE IN THE THREE-PIEN DECAYS OF KAONS APOSR67-0120
 HYPERSONIC FLOW OF BLUNT DELTA WINGS AT LOW ANGLES OF ATTACK 1 SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION APOSR67-0005
 A SPECTROPHOTOMETRIC STUDY OF DELTA SCUTI AND DELTA DELPHINI APOSR67-2200
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I THE AND EXPERIMENTAL STUDY OF A 70 DEGREE BLUNT DELTA WING FOR APOSR66-1036
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC APOSR66-1036
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE APOSR66-1037
 DEVELOPMENT AND EVALUATION OF 1800 RPS DELTA MODULATION FOR THE KY-585/U VOODOO AFCL67-0001
 INVESTIGATION OF THE LEeward SIDE OF A DELTA WING AT HYPERSONIC SPEEDS ARL 66-1106
 A SPECTROPHOTOMETRIC STUDY OF DELTA SCUTI AND DELTA DELPHINI APOSR67-2200
 EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF THE EXPANSION FLOW FIELD OVER A DELTA WING AT HYPERSONIC SPEEDS FINAL ARL 66-0027
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC APOSR66-1036
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE APOSR66-1037
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I THE AND EXPERIMENTAL STUDY OF A 70 DEGREE BLUNT DELTA WING FOR APOSR66-1036

DELTA-FUNCTION

DELTA-FUNCTION PERMI GAS WITH TWO-SPIN DEVIATES APOSR66-0108

DELTIC

AN ACOUSTICAL TRACKING SYSTEM USING A DELTIC CORRELATOR APOSR67-1564

DEMICONINUITY

DEMICONINUITY DEMICONINUITY AND MONOTONICITY II APOSR66-0650

DEMONSTRATION

SIMULTANEOUS DEMONSTRATION OF ADRENERGIC AND NON- ADRENERGIC NERVE FIBERS APOSR67-1649
 KINETICS OF REACTIONS IN FROZEN SOLUTIONS DEMONSTRATION OF A REACTION IN FROZEN AQUEOUS SOLUTIONS APOSR67-0090

DENDRITES

CONTROLLED GROWTH OF TIN DENDRITES APOSR66-1496

DENERVATED

NORADRENALINE AND DOPAMINE CONTENT OF NORMAL DECENTRALIZED AND DENERVATED PINEAL GLAND OF THE RAT APOSR67-1105

DENSITIES

PROBABILITY DENSITIES WITH GIVEN MARGINALS APOSR66-2239
 UPPER ATMOSPHERE N-ATOM DENSITIES BY WIND TUNNEL SIMULATION OF NITRIC OXIDE RELEASES AFCL67-0053
 EXPERIMENTAL DETERMINATION OF THE ELECTRON DENSITIES IN SOME OF THE [I-VI] COMPOUNDS WITH THE THEORETICALLY CALCULATED ARL 66-1354
 QUANTUM HARD-SPHERE GAS IN THE LIMIT OF HIGH DENSITIES WITH APPLICATION TO SOLIDIFIED LIGHT GASES APOSR67-1667
 DISCUSSION ON A CHAMBER TO MEASURE LOW NUMBER DENSITIES UNDER LOW PRESSURE AND SUPERSONIC SPEED APOSR66-0199
 DIFFUSIONAL-TYPE SUPERSONIC COMBUSTION AT LOW DENSITIES ARL 67-1281
 LANGMUIR PROBES FOR DETERMINING IONOSPHERIC PARTICLE DENSITIES AND TEMPERATURES AFCL66-0106
 STUDIES OF HYDROGEN-AIR SUPERSONIC COMBUSTION AT LOW DENSITIES ARL 66-1350
 A NEW APPROACH TO MANY-ELECTRON THEORY AT INTERMEDIATE DENSITIES APOSR67-2471
 PROCEEDINGS OF THE WORKSHOP ON METHODS OF OBTAINING WINDS AND DENSITIES FROM RADAR METEOR TRAIL RETURNS AFCL66-0228

DENSITIES

- CONTINUED

THERMAL CONDUCTIVITY OF SOLID AIR AND OF ISOTOPIC MIXTURES AT HIGH DENSITIES
ELECTRON TEMPERATURES OF IONIZED NEBULAR DERIVED FROM H α AND RADIO FLUX DENSITIES
EXPERIMENTAL TESTS OF HYDROGEN B STARK BROADENING THEORY AT HIGH ELECTRON DENSITIES
PRESSURE-VOLUME-TEMPERATURE RELATIONS IN THE SYSTEM METHANE-TETRAFLUOROMETHANE I GAS DENSITIES AND THE PRINCIPLE OF

AFOSR66-1080
AFCLR67-0308
ARL 66-1183
AFOSR66-1231

DENSITY

DENSITY PROFILE MEASUREMENTS FINAL REPORT SEPT 1967
DENSITY CONTOURS AND DENSITY FLUCTUATION MEASUREMENTS OF AN ENERGETIC HELIUM ARC
DENSITY GRADIENT SEPARATION OF SARCOPLASMIC VESICLES AND OTHER PARTICULATE CONSTITUENTS OF RABBIT MUSCLE
DENSITY INDUCTION TIMES IN VERY LEAN MIXTURES OF D SUB2 H SUB2 C SUB2 H SUB2 AND C SUB2 H SUB4 WITH D SUB2
DENSITY INDUCTION TIMES IN VERY LEAN MIXTURES OF OSUB2, HSUB2, CSUB2HSUB2, AND CSUB2HSUB4, WITH OSUB2
DENSITY MEASUREMENTS WITH ELECTRON BEAMS
LOW DENSITY HIGH TEMPERATURE GAS DYNAMICS FINAL REPORT DEC 1966
PLASMA DENSITY CONTROL WITH ELECTRIC FIELDS /U/
PLASMA DENSITY MEASUREMENTS WITH ENERGETIC BEAMS FINAL REPORT JAN 1967
PLASMA DENSITY MEASUREMENT BY MOLECULAR ION BREAKUP
NUMBER DENSITY DETERMINATION IN THE ATMOSPHERE OF OSUB2 HSUB2 AND CSUB2 GAS CONSTITUENTS BY USE OF A HIGH INTENSITY
PLASMA DENSITY CONTOUR MEASUREMENTS USING MOLECULAR ION BEAM BREAKUP
CHARGE DENSITY NEAR A VORTEX LINE IN TYPE II SUPERCONDUCTORS
CHARGE DENSITY OF DIAMOND
LIQUID DENSITY AND EXCESS VOLUME OF LIGHT HYDROCARBON MIXTURES AT -165 DEGREES CENTIGRADE
OPTICAL DENSITY MEASUREMENTS IN A HIGH SPEED CONFINED G. VORTEX
ELECTRON DENSITY AND IONIZATION PHENOMENA IN SHOCK WAVES FINAL REPORT OCT 1967
ORTHORHOMBIC DENSITY OF HELIUM THREE IN THE CRITICAL REGION
LOGARITHMIC DENSITY BEHAVIOR OF A NONEQUILIBRIUM BOLTZMANN GAS
HIGH CURRENT DENSITY SUPERCONDUCTING COILS
EXTREMELY HIGH DENSITY MAGNETIC INFORMATION STORAGE
/U/ ATMOSPHERIC DENSITY FROM DRAG ON LOW ALTITUDE SATELLITES REPORT 2
COSMIC-RAY RADIAL DENSITY GRADIENT AND ITS RIGIDITY DEPENDENCE OBSERVED AT SOLAR MINIMUM ON MARINER IV
A ROCKET BORNE AIR DENSITY MEASUREMENT SYSTEM UTILIZING ELECTRON-BREMSTRAHLUNG-CALIBRATION AND FLIGHT
DENSITY CONTOURS AND DENSITY FLUCTUATION MEASUREMENTS OF AN ENERGETIC 1-10A 9C
CAMBRIDGE ATMOSPHERIC DENSITY NUMERICAL INTEGRATION PROGRAM CADNIP FINAL REPORT AUG 1967
KINETIC EQUATIONS AND DENSITY EXPANSIONS EXACTLY SOLVABLE ONE-DIMENSIONAL SYSTEM
INSTRUMENTATION FOR AIR DENSITY MEASUREMENTS FINAL REPORT SEPT 1967
ANISOTROPY IN TUNNELING DENSITY OF STATES IN PURE TYPE-II SUPERCONDUCTORS
ON THE DISTRIBUTIONS OF DENSITY AND TEMPERATURE IN THE LOW VELOCITY ZONE
MOMENTS OF THE MOMENTUM DENSITY CORRELATION FUNCTIONS IN SIMPLE LIQUIDS
STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING WIRES FINAL
COMPUTER EXPERIMENTS ON LOW DENSITY CROSSED-FIELD ELECTRON BEAMS
ESTIMATES OF SPECTRAL ENERGY DENSITY APPLIED TO VERTICAL PROFILES OF THE HORIZONTAL WIND IN THE LOWER IONOSPHERE
OPTICAL MEASUREMENT OF RADIAL DENSITY DISTRIBUTIONS IN A HIGH-SPEED CONFINED AIR VORTEX, FINAL REPORT DEC 1967
SOLAR MODULATION AND THE ENERGY DENSITY OF GALACTIC COSMIC RAYS
DEFORMATION CHARACTERISTICS OF LOW DENSITY GRANULAR MATERIALS
DEFORMATION CHARACTERISTICS OF LOW DENSITY GRANULAR MATERIALS
VARIATIONS WITH SEASON AND LATITUDE OF DENSITY TEMPERATURE AND COMPOSITION IN THE LOWER THERMOSPHERE
A SIMPLE METHOD FOR MEASURING ELECTRON DENSITY IN A PLASMA
RETROGRADE CATHODE SPOT BEHAVIOR IN LOW DENSITY ARCS, FINAL REPORT SEP 1967
RETROGRADE CATHODE SPOT BEHAVIOR IN LOW DENSITY ARCS
DETERMINATION OF A D-REGION NITRIC OXIDE DENSITY PROFILE BY VLF RADIO PROPAGATION
HEAT TRANSFER RATE MEASUREMENTS IN A LOW DENSITY HYPERVELOC STREAM OF ARGON
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS FINAL REPORT JAN 1968
ROCKET-BORNE INSTRUMENTATION TO DETERMINE AIR DENSITY BY RAYLEIGH-SCATTERED LIGHT
AN INTEGRATED METEOR RADAR SYSTEM FOR WIND AND DENSITY MEASUREMENTS IN THE UPPER ATMOSPHERE FINAL REPORT MAY 1967
FORCED SOUND PROPAGATION IN GASES OF ARBITRARY DENSITY
PRESSURE DEPENDENCE OF DIELECTRIC CONSTANT AND DENSITY OF LIQUIDS
A PROPAGATION EXPERIMENT FOR MEASURING ELECTRON DENSITY IN THE D-REGION OF THE IONOSPHERE
ABSOLUTE DETERMINATION OF FLOW PARAMETERS IN A LOW DENSITY HYPERSONIC TUNNEL. PART I ELECTRON BEAM STUDIES OF
COULOMB DE-EXCITATION OF C-12 IN A HELIUM GAS AT HIGH DENSITY AND TEMPERATURE
ROCKET AND SATELLITE TECHNIQUES FOR MEASUREMENT OF ELECTRON DENSITY AND RELATED IONOSPHERIC PARAMETERS FINAL REPORT
STRUCTURE OF LIQUIDS VI SOME CHARACTERISTICS OF FIRST- ORDER DENSITY EXPANSIONS OF RADIAL DISTRIBUTION DIRECT
EFFECT OF BODY INCLINATION ON THE MERGING OF A HYPERSONIC LOW DENSITY FLOW OVER SHARP TWO-DIMENSIONAL LINEAR BODIES
NONCORRELATION OF ANOMALOUS PLASMA TRANSPORT EQUILIBRIUM PLASMA DENSITY AND LOW-FREQUENCY POTENTIAL OSCILLATIONS IN A
EFFECTIVE OHMS LAW IN A PARTIALLY IONIZED PLASMA WITH ELECTRON DENSITY FLUCTUATIONS
ROTATIONAL TEMPERATURE MEASUREMENT OF THE FLOW EXPANDING FROM A LOW DENSITY SONIC ORIFICE
A DETAILED STUDY OF THE FLOW AROUND THE LEADING EDGE OF A FLAT PLATE IN HYPERSONIC LOW DENSITY FLOW
DISPERSSION EFFECTS IN A HIGH GAIN 3.39U HE-NE LASER APPLICATION TO THE LASER METEROLOGY MEASUREMENT OF PLASMA DENSITY

AFOSR67-2364
AFOSR66-0480
AFOSR66-1663
ARL 67-0139
ARL 67-1090
ARL 66-0890
AFOSR67-0414
AFCLR66-0192
AFOSR67-0611
AFOSR67-1024
AFOSR67-1591
AFOSR67-2211
AFOSR67-2366
AFOSR66-0461
AFOSR66-2130
ARL 66-0316
AFOSR66-0230
AFOSR67-2330
AFOSR67-2665
AFOSR67-2370
AFOSR66-1393
AFCLR66-0068
AFOSR67-2884
AFCLR67-0613
AFOSR66-0480
AFCLR67-04
AFOSR67-1747
AFCLR67-0632
AFOSR67-1742
AFOSR66-1456
AFOSR66-1221
AFCLR67-0274
AFOSR67-1794
AFCLR67-0054
ARL 67-0234
AFOSR67-1723
AFOSR67-0413
AFOSR66-1265
AFCLR67-0161
AFOSR67-1087
ARL 67-0194
ARL 67-1076
AFCLR67-0170
AFOSR66-2640
ARL 67-1214
ARL 66-0004
AFCLR66-0068
AFCLR67-0347
AFOSR67-0705
AFOSR66-1075
AFCLR67-0536
ARL 66-1114
AFOSR67-2579
AFCLR66-0010
AFOSR67-2574
ARL 66-1111
AFOSR66-0741
ARL 66-0285
AFOSR67-0335
ARL 66-1112
ARL 66-0135

DENSITY-MATRIX

DENSITY-MATRIX DERIVATION OF THE SPIN-DIFFUSION EQUATION

AFOSR67-2647

DEOXYADENOSINE

ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF DEOXYADENOSINE MONOHYDRATE

AFOSR66-2236

DEOXYGENATED

SPECTRAL DIFFERENCES BETWEEN HAEMOGLOBIN AND ISOLATED HAEMOGLOBIN CHAINS IN THE DEOXYGENATED STATE

AFOSR66-2699

DEPAIRING

CRITICAL CURRENT AND ELECTRON DEPAIRING IN SUPERCONDUCTING FILMS

AFOSR67-0166

DEPARTURES

DETERMINATION OF DEPARTURES FROM LOCAL THERMODYNAMIC EQUILIBRIUM IN ARC PLASMAS FINAL REPORT MARCH 1967

ARL 67-0060

DEPENDENCE

DEPENDENCE OF COERCIVITY ON DRIVING FIELD IN MULTILAYER FILMS OF NICKEL
DEPENDENCE OF THE SUPERCONDUCTING CRITICAL TEMPERATURE ON G RUPRECHT PP744-747 1966
THE DEPENDENCE CAPACITY OF FINITE BOREL FIELDS
TIME DEPENDENCE OF SPECTRAL COMPONENTS OF THE ELECTROLUMINESCENCE OF ZNS SINGLE CRYSTALS PART C FINAL REPORT AUG 1967
FIELD DEPENDENCE OF THE KNIGHT SHIFT IN SIMPLE METALS
SHAPE DEPENDENCE OF THE SPECIFIC HEAT OF MAGNETIC SYSTEMS WITH LONG-RANGE INTERACTIONS
ANGULAR DEPENDENCE OF SCATTERING AT HIGH ENERGIES
IMPURITY DEPENDENCE OF THE CRITICAL FIELD IN ANISOTROPIC SUPERCONDUCTORS
ENSEMBLE DEPENDENCE OF FLUCTUATIONS WITH APPLICATIONS TO MACHINE COMPUTATIONS
PRESSURE DEPENDENCE OF NONMETALLIZED HYBRID FUEL REGRESSION RATES
VELOCITY DEPENDENCE OF TOTAL CROSS SECTION FOR THERMAL ENERGY ATOM-MOLECULE SCATTERING
PRESSURE DEPENDENCE OF DIELECTRIC CONSTANT AND DENSITY OF LIQUIDS
PRESSURE DEPENDENCE OF ELECTROLYTIC CONDUCTANCE REPORT JULY 1966
PRESSURE DEPENDENCE OF VISCOSITY LIQUID BORON TRIOXIDE
FREQUENCY DEPENDENCE OF THE FIELD STRENGTH COMPONENTS OF A DIPOLE IMBEDDED IN A CONDUCTING MEDIUM

AFOSR67-0350
AFOSR67-0374
AFOSR67-1468
AFOSR67-2786
AFOSR67-0083
AFOSR66-0994
AFOSR66-2262
AFOSR67-0701
AFOSR67-1775
AFOSR67-1902
AFOSR67-2069
AFOSR66-1075
AFOSR66-1617
AFOSR66-2786
AFCLR66-0174

DEPENDENCE - CONTINUED

TEMPERATURE DEPENDENCE OF THE ELASTIC CONSTANTS OF BISMUTH	AFOSM67-1381
TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES	AFOSM67-1452
TEMPERATURE DEPENDENCE OF THE HYPERFINE SPLITTING OF THE METYL RADICAL	AFOSM67-1506
TEMPERATURE DEPENDENCE OF THE VISIT OF THE FUNDAMENTAL LATTICE VIBRATION ABSORPTION PEAK IN IRON CRYSTALS II	AFOSM67-1521
TEMPERATURE DEPENDENCE OF ATOM-ATOM POTENTIAL IN MOLECULAR CRYSTALS	AFOSM67-1522
TEMPERATURE DEPENDENCE OF THE MAGNETIC FIELD SENSITIVITY IN FLUX QUANTIZATION EXPERIMENTS	AFOSM67-1563
TEMPERATURE DEPENDENCE OF VIBRATIONAL TRANSMISSION PROBABILITIES IN WATER-WATER COLLISIONS	AFOSM67-1573
TEMPERATURE DEPENDENCE OF INTERMOLECULAR ENERGY TRANSFER IN POLAR MOLECULES	AFOSM67-1783
TEMPERATURE DEPENDENCE OF THE SPIN SUSCEPTIBILITY OF A NEARLY FERROMAGNETIC FLUID LIQUID	AFOSM67-2197
STATISTICAL DEPENDENCE BETWEEN RAMAN EFFECTS AND THE NUMBER OF QUANTIZATION ON THE EFFECTS FOR THE UNRAINED	AFOSM67-2252
AIR PRESSURE DEPENDENCE OF COSMIC RAY INTENSITY MEASUREMENTS AND RESULTS OF A STATISTICAL ANALYSIS OF NEUTRON MONITOR DATA	AFOSM67-2312
THE FREQUENCY DEPENDENCY OF THE DIELECTRIC CONSTANT AND CONDUCTIVITY OF ROCKS AND ITS RELATION TO QUANTITIES OF ROCK	AFOSM67-2317
PARTICLE SIZE DEPENDENCE OF THE DIELECTRIC CONDUCTIVITY OF NaCl	AFOSM67-2317
MAGNETIC FIELD DEPENDENCE OF THE EIGHTH ORDER	AFOSM67-2317
MAGNETIC FIELD DEPENDENCE OF ULTRASONIC ATTENUATION BY SHEAR WAVES IN POTASSIUM	AFOSM67-2317
MAGNETIC-FIELD DEPENDENCE OF THE HYPERFINE FIELD BY 100% IN SILVER 100%-PALLADIUM ALLOYS	AFOSM67-2317
ON THE WAVELENGTH DEPENDENCE OF THE SCATTERING AND THE QUANTIFICATION OF THE SOLAR RAY'S RAYS	AFOSM67-2317
ANOMALOUS CONCENTRATION DEPENDENCE OF ELASTICITY IN ALLOY NaCl-BYCL	AFOSM67-2317
NONPLANAR CYCLOBUTANE TEMPERATURE DEPENDENCE OF INTERNAL ORDER IN FIBROUS TRANS-ORIENTED	AFOSM67-2317
MAGNETIZATION MEASUREMENTS AND SUPERSONIC DEPENDENCE OF THE ORDER OF THE PHASE IN THE SCANDIUM - LITHIUM	AFOSM67-2317
INVESTIGATION OF THE LOW TEMPERATURE TIME DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF METALS	AFOSM67-2317
AN INVESTIGATION OF THE LOW TEMPERATURE TIME DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF METALS	AFOSM67-2317
COSMIC-RAY RADIAL DENSITY GRADIENTS AND ITS DEPENDENCE ON THE MINIMUM OF MAXIMUM IN	AFOSM67-2317
INTER-JUDGE RELIABILITY OF HUMAN PERIODIC IN THE MEASUREMENT OF FIELD DEPENDENCY	AFOSM67-2317
A STUDY OF THE SOLUTIONS OF THE-DETERMINING IN CONJUNCTION WITH DEPENDENCY WITH MAGNETIC TIME DEPENDENCE AND EXTERNAL	AFOSM67-2317
DEPENDENCY	
INSTRUCTIONS ABOUT RANDOMNESS AND RUN DEPENDENCY IN THE CHERRY LEARNING	AFOSM67-2317
DEPENDENT	
ANGLE DEPENDENT REFLECTIVITY OF NATURAL SILICON 1-12 MICRON FINAL REPORT AUG 1967	AFOSM67-2317
VELOCITY DEPENDENT DIELECTRIC AND MAGNETIC PERMEABILITY SCATTERING FROM SOLID IN THE LOW APPROXIMATION	AFOSM67-2317
FREQUENCY DEPENDENT DIFFUSION COEFFICIENT ANALYSIS OF DEPLETION IN SOLID LIQUIDS	AFOSM67-2317
AMPLITUDE DEPENDENT INTERNAL FRICTION IN SOLID POLYMER	AFOSM67-2317
AMPLITUDE DEPENDENT INTERNAL FRICTION IN SOLID POLYMER	AFOSM67-2317
TEMPERATURE DEPENDENT STUDY OF THE DIELECTRIC DEPENDENCY OF A VARIETY OF INORGANIC SOLIDS FINAL REPORT SEP 1966	AFOSM67-2317
STRESS WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC MEDIUM - WHICH WAS USED TO IMPROVE ELECTROMAGNETIC RADIATION	AFOSM67-2317
OPTICAL TECHNIQUE FOR RECORDING TIME DEPENDENT SPECTRA BY TIME TO PULSE HEIGHT CONVERSION PART A FINAL REPORT APRIL	AFOSM67-2317
OPTICAL UNSUPERVISED LEARNING MULTIVARIATE DEPENDENT HYPOTHESIS PATTERN RECOGNITION	AFOSM67-2317
WAVE PROPAGATION IN MATERIALS HAVING FREQUENCY DEPENDENT MECHANICAL PROPERTIES	AFOSM67-2317
A THEORETICAL TECHNIQUE FOR EVALUATING THE TIME DEPENDENT EFFECTS OF GENERAL ELECTRODYNAMIC DRIFTS IN THE PL-PLASMA OF	AFOSM67-2317
NONLINEAR MIXING OF WAVES IN A PLASMA WITH VELOCITY-DEPENDENT COLLISIONS	AFOSM67-2317
AN ELASTO-PLASTIC ANALYSIS OF CIRCULAR RINGS WITH TEMPERATURE DEPENDENT YIELD STRESS	AFOSM67-2317
THE METHOD OF ELEMENTARY SOLUTIONS FOR KINETIC MODELS WITH VELOCITY DEPENDENT COLLISION FREQUENCY	AFOSM67-2317
DEPLETION	
DIRECT MEASUREMENT OF THE DEPLETION LAYER WIDTH VARIATION VS. APPLIED BIAS FOR A P-N JUNCTION	AFOSM67-2317
UPTAKE OF NORADRENALINE IN THE SOLID-STATE DEPLETION RAY HEAT AFTER DEPLETION WITH GLUCOSAMINE	AFOSM67-2317
CONTROL OF VENTRICULAR FIBRILLATION DURING INDUCED HYPOTHERMIA IN CATS AFTER DIFFERENTIAL DEPLETION OF CARDIAC	AFOSM67-2317
DEPLOYMENT	
THE IN-FLIGHT DEPLOYMENT OF HEAVY BYELAND TRAINS BENEATH ASCENDING HIGH-ALTITUDE BALLONS	AFOSM67-2317
DEPOLARIZATION	
DEPOLARIZATION OF OPTIC FIBER ENDINGS IN THE CENTRAL NERVOUS BODY	AFOSM67-2317
COLLISIONAL DEPOLARIZATION OF MAGNETICALLY ORIENTED A SUPERCONDUCTOR OF POTASSIUM ATOMS	AFOSM67-2317
OPTICAL ANISOTROPY OF CHAIN MOLECULES THE NEW OF DEPOLARIZATION OF SCATTERED LIGHT WITH APPLICATION TO TO N-SOLAR	AFOSM67-2317
DEPOLARIZING	
ANALYSIS OF DEPOLARIZING AND HYPERPOLARIZING ACTIVATION RESPONSES IN GEMINATED ELECTROPLAQUES	AFOSM67-2317
DEPOSITED	
THE METALLOGRAPHIC STRUCTURE OF CONTINUOUS VAPOR DEPOSITED SiC FILAMENTS	AFOSM67-2317
RECENT STUDIES OF MOLECULAR BEAM SCATTERING FROM CONTINUOUSLY DEPOSITED GOLD FILMS	AFOSM67-2317
DEPOSITION	
DEPOSITION OF SINGLE CRYSTAL ORIGIN BY EVAPORATION AND SPUTTERING FINAL REPORT AUG 1967	AFOSM67-2317
DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS	AFOSM67-2317
DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS FINAL REPORT MAR 1968	AFOSM67-2317
DEPOSITION OF SILICON NITRIDE ON METAL-COATED SUBSTRATES	AFOSM67-2317
CHEMICAL VAPOR DEPOSITION OF THIN FILM DIELECTRICS	AFOSM67-2317
A UNIQUE DOUBLE DEPOSITION SYSTEM	AFOSM67-2317
STUDY OF KINETICS OF ALKALI METAL DEPOSITION IN HOMOGENEOUS SOLUTIONS FINAL REPORT OCT 1968	AFOSM67-2317
THORIA SINGLE CRYSTALS GROWN BY VAPOR DEPOSITION IN A SOLAR FURNACE	AFOSM67-2317
MORPHOLOGICAL CHANGES IN DISCONTINUOUS GOLD FILMS FOLLOWING DEPOSITION	AFOSM67-2317
GROWTH OF SAMARIUM EUROPIUM THULIUM AND YTTERBIUM METAL BY VAPOR DEPOSITION	AFOSM67-2317
DEPRESSION	
ACID MONOAMINE METABOLITES OF CEREBROSPINAL FLUID IN HENTAL DEPRESSION AND MANIA	AFOSM67-2317
NEUROPHARMACOLOGICAL STUDIES AND POSTULATES ON EXCITATION AND DEPRESSION IN THE CENTRAL NERVOUS SYSTEM	AFOSM67-2317
DEPRESSURIZATION	
EXTINGUISHMENT OF SOLID PROPELLANTS BY RAPID DEPRESSURIZATION	AFOSM67-2317
DEPRESSURIZATIONS	
DEPRESSURIZATIONS INDUCED EXTINGUISHMENTS OF BURNING SOLID PROPELLANT	AFOSM67-2317
DEPRIVATION	
EEG AND BEHAVIOURAL EFFECTS OF DEPRIVATION OF PARADOXICAL SLEEP IN THE CAT (FRENCH)	AFOSM67-2317
DEPRIVED	
REACTIVITY CHANGES IN THE CENTRAL NERVOUS SYSTEM CONCOMITANT WITH CHRONIC FEAR AND FOOD DEPRIVED STATES	AFOSM67-2317

DEPTH OF PENETRATION OF CORROSIVE GASES INTO A DAMAGED SURFACE FINAL REPORT FOR 1967
 AND JANUARY 1968. NORTH COASTS AND FOR THE CONTROL AND MONITORING OF DISCONTINUITIES IN STEEL
 A COMPARATIVE STUDY OF VARIOUS DEPTH MEASUREMENT FINAL REPORT FOR 1967

REF. DEPOS. OF AFTERMATHS
FOR JULY 11 1967 EARTHQUAKE SERIES AT PASADENA ALONG ARIZONA-UTAH BOUNDARY LOCATION SEEING AND MATHEMATICS

EXPOSURE OF TRIAL ONLY SUBJECTS OCCURRED IN ORAL CARCINOGEN COMPLEXES BY C.I.S.-76-5 D+THERMAL STRESSORS ETHYLENE

[illegible]

OBSERVATIONS OF METEORITES FOR 4-HEAT, 2 SYSTEMS AND PLASMA SYSTEMS ON BOARD OF THE JUPITER-100. COMPUTABLES OF METEORITES FOR 4-HEAT, 2 SYSTEMS AND PLASMA SYSTEMS ON BOARD OF THE JUPITER-100. COMPUTABLES OF METEORITES FOR 4-HEAT, 2 SYSTEMS AND PLASMA SYSTEMS ON BOARD OF THE JUPITER-100.

ON YOUR REVISION OF A SENTENCE
SELF-DENYING OPERATIVE VERBAL SPELLING "C" IS BAREMENTAL
THE DENYING INTERNAL OPERATIVE AND THE CONJUNCTION EQUATION
ALONE THE SELF-DENYING OPERATIVE
INTERNAL AND SELF-DENYING OPERATIVE C/ AND C/ COME
THE OPERATIVE SELF-DENYING OPERATIVE OF A PUPIL C/ COME JULY 1964
INTERNAL AND SELF-DENYING OPERATIVE WITH A PARTICULAR SELF-DENYING OPERATIVE

[illegible]

A RISK FACTOR FOR DEVELOPING INTERSUSAN FIBROSIS OF THE UTERINE CERVIX IN PATIENTS OF A GENERAL HOSPITAL

THE COMMISSION ON THE STATUS OF THE AMERICAN INDIAN: A REPORT TO THE PRESIDENT AND THE CONGRESS OF THE UNITED STATES OF AMERICA. FINAL REPORT, JUNE 1968.

734

DESCRIBED

CONCERNING A WILD THREE-CELL DESCRIBED BY BING
TEST-PARTICLE RELAXATION IN AN ELECTRON GAS DESCRIBED BY THE FOKKER-PLANCK KINETIC EQUATION
A MAXIMUM PRINCIPLE OF THE PONTRYAGIN TYPE FOR SYSTEMS DESCRIBED BY NONLINEAR DIFFERENCE EQUATIONS

AFOSR68-2648
AFOSR67-1912
AFOSR67-0776

DESCRIBING

ON THE PROBLEM OF DESCRIBING THE GRAMMAR OF NATURAL LANGUAGES
A MATHEMATICAL MODEL FOR DESCRIBING THE COMPATIBILITY OF INFECTIOUS DISEASES

AFOSR67-2348
AFOSR67-1466

DESCRIPTION

DESCRIPTION OF EASY ENGLISH
DESCRIPTION OF AN EXPERIMENT INVESTIGATING TERM RELATIONSHIPS AS INTERPRETED BY HUMANS
KINETIC DESCRIPTION OF CYLINDRICAL HEAT CONDUCTION IN A POLYATOMIC GAS
ANALYTICAL DESCRIPTION OF A FARRY-PERT PHOTOELECTRIC SPECTROMETER
STATISTICAL DESCRIPTION OF A CLASS OF NONGAUSSIAN CHANNELS USING EXPANSIONS BASED ON THE LOGNORMAL DISTRIBUTION
COLORIMETRIC DESCRIPTION OF RADIATION EMERGING FROM THE TOP OF A RAYLEIGH ATMOSPHERE
TRANSITION MATRIX DESCRIPTION OF DYNAMIC MAGNETOCONDUCTIVITY
OPERATION INSTRUCTIONS AND DESCRIPTION OF COMPUTER PROGRAM FOR FINITE DIFFERENCE SOLUTIONS OF THE LAMINAR COMPRESSIBLE
AN INTRODUCTION TO COLI A COMPUTER DESCRIPTION LANGUAGE
FORMAL DEFINITION OF COLI A COMPUTER DESCRIPTION LANGUAGE

AFOSR68-0545
AFOSR68-1599
AFOSR68-2423
AFOSR67-0920
AFOSR67-0432
AFOSR68-0090
AFOSR67-1927
ARL 67-0096
AFOSR67-0565
AFOSR67-0586

DESCRIPTIONS

HARMONIC AND NULL DESCRIPTIONS OF GRAVITATIONAL RADIATION
DETERMINATIONS OF STATE-VARIABLE EQUATIONS FOR ADMITTANCE DESCRIPTIONS SUITABLE FOR THE COMPUTER

ARL 68-0125
AFOSR68-2893

DESCRIPTIVE

THE RELATION OF DESCRIPTIVE PHONETICS TO RESEARCH IN SPEECH COMMUNICATION

AFOSR68-2052

DESCRIPTOR

CONTOUR DESCRIPTOR PROGRAM (C) OF VISUAL SHAPE FINAL REPORT SEPT 1967

AFOSR67-0525

DESENSITIZED

DESIGN OF INTEGRABLE DESENSITIZED FREQUENCY SELECTIVE AMPLIFIERS

AFOSR67-0331

DESERT

PAST VERSUS PRESENT WIND ACTION IN THE MOJAVE DESERT REGION CALIFORNIA

AFOSR67-0683

DESIGN

DESIGN AND TEST OF MOPL 23.010 136.5 MHZ ANTENNA FOR NIRD AP 7.618
DESIGN AND IMPLEMENTATION OF FLIP A LISP FORMAT DIRECTED LIST PROCESSOR
DESIGN & FABRICATION OF A SMALL LIGHTWEIGHT EXPENDABLE TYPE GAS CYLINDER FOR USE WITH HELIUM FINAL REPORT DEC 1967
DESIGN AND DEVELOPMENT OF PARTIALLY UNIFORM ARRAYS FINAL REPORT FEB 1968
DESIGN OF A DIGITAL SIMULATION OF THE POLAR PLANIMETER FOR CALCULATING AREAS OF ECHOES FROM RADAR WEATHER OBSERVATIONS
DESIGN DEVELOPMENT AND FLIGHT TEST OF THE VIPER DART ROBIN METEOROLOGICAL ROCKET SYSTEM FINAL REPORT JUNE 1968
DESIGN OF THE G-21 MULTI-PROCESSOR SYSTEM
DESIGN OF INTEGRABLE DESENSITIZED FREQUENCY SELECTIVE AMPLIFIERS
DESIGN PRINCIPLES FOR AN ON-LINE INFORMATION RETRIEVAL SYSTEM
DESIGN OF ADAPTIVE CONTROL SYSTEMS THROUGH UTILIZATION OF SENSITIVITY CONCEPTS
DESIGN OF AN ARRAY TO RECORD AIR SHOWERS OF ENERGY UP TO 10 TO THE 21ST EV
DESIGN AND EVALUATION OF A RADIO FREQUENCY PLASMA SOURCE / PART 1 / SELF-EXCITED OSCILLATOR
DESIGN FOR MAINTENANCE OF THE SYSTEM BANDWIDTH IN THE PRESENCE OF PARAMETER CHANGES FINAL REPORT MAR 1967
THE DESIGN OF A MORE COMPLEX BUILDING BLOCK FOR DIGITAL SYSTEMS
THE DESIGN AND USE OF AN FM/AM RADIOTELEMETRY SYSTEM FOR MULTICHANNEL RECORDING OF BIOLOGICAL DATA
THE DESIGN FEATURES OF HYPERSONIC VEHICLES
THE DESIGN AND OPERATION OF A HIGH MACH NUMBER-REYNOLDS NUMBER FACILITY FINAL REPORT DECEMBER 1968
LOGIC DESIGN TECHNIQUES FOR PROPAGATION LIMITED NETWORKS FINAL REPORT NOV 1967
ARRAY DESIGN BY MATRIX METHODS
FILTER DESIGN FOR THE AVERAGE RESPONSE COMPUTER
SYSTEM DESIGN EVALUATION AND COSTING--IN PLAIN ENGLISH
COMPUTER DESIGN OF UNEQUALLY SPACED ARRAYS
THEORY AND DESIGN CONSIDERATIONS IN DEVELOPING A MULTI-PURPOSE INSTRUMENT FOR DETERMINATION OF TWELVE PROPERTIES
ANALYSIS AND DESIGN OF MAXIMUM-GAIN LOW-CURRENT JUNCTION FIELD EFFECT TRANSISTOR CONFIGURATIONS
ANALYSIS AND DESIGN OF COMMUNICATION NETWORKS WITH MEMORY
ANALYSIS AND DESIGN OF A HIGH PRESSURE A.C. ARC HEATER, FINAL REPORT DEC 1967
MODULARITY IN DESIGN THE APPLICATION OF SHIFT REGISTERS IN SECONDARY STATE ASSIGNMENT
DEVELOPMENT OF DESIGN CRITERIA FOR COMPOSITE MATERIALS
ORGANIZATIONAL DESIGN - AN EXPLORATORY STUDY
OPTIMAL SIGNAL DESIGN FOR SEQUENTIAL SIGNALING OVER A CHANNEL FEEDBACK
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS /U/
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS /U/
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS FINAL REPORT MAR 1968
RESEARCH IN THE DESIGN DEVELOPMENT AND CONSTRUCTION OF NON-MAGNETIC SENSORS FOR MAGNETIC FIELD-CHARGED PARTICLE
A METHOD FOR THE DESIGN OF STABLE NONLINEAR FEEDBACK SYSTEMS
A FEASIBILITY AND DESIGN STUDY FOR AN AIRBORNE RADIOMETRIC SYSTEM TO MEASURE REMOTELY THE VERTICAL PROFILE OF
GENERAL SURVEY OF DESIGN AUTOMATION OF DIGITAL COMPUTERS
DECOUPLING IN THE DESIGN AND SYNTHESIS OF MULTIVARIABLE CONTROL SYSTEMS
THE DEVELOPMENT OF DESIGN TECHNIQUES FOR SINGLE-STAGE SOUNDING ROCKETS FINAL REPORT MAR 1967
ON RAYES SEQUENTIAL DESIGN WITH TWO RANDOM VARIABLES
USING A COMPUTER TO DESIGN COMPUTER INSTRUCTION SETS
HUMAN FACTORS AND THE DESIGN OF TIME SHARING COMPUTER SYSTEMS
COMPUTER-AIDED NETWORK DESIGN
RELIABILITY AND OPTIMUM DESIGN OF THE INTERCONNECTIONS OF A POWER SYSTEM
FULLY AUTOMATED NETWORK DESIGN BY DIGITAL COMPUTER PRELIMINARY CONSIDERATIONS
A NEW CONCEPT IN HEATER DESIGN
RESEARCH ON THE THEORY AND DESIGN OF ACTIVE NETWORKS FINAL REPORT SEPT 1966
TECHNIQUES FOR THE OPTIMAL DESIGN AND SYNTHESIS OF SWITCHING CIRCUITS
NEW SOLUTIONS TO THE SIGNAL DESIGN PROBLEM FOR COHERENT CHANNELS
A SCALING TECHNIQUE FOR THE DESIGN OF IDEALIZED ELECTROMAGNETIC LENSES
RESEARCH DIRECTED TOWARD THE DESIGN AND FABRICATION OF A SOLAR ATMOSPHERIC DISH/AN EXPERIMENT FINAL REPORT MAR 1968
STUDIES OF A THEORY FOR NETWORK DESIGN FINAL REPORT NOV 1968
AN APPROACH TO RADIATION SOURCE DESIGN FOR MILITARY APPLICATIONS UTILIZING THE WALL-STABILIZED ARC AS AN EXAMPLE FINAL
DEVELOPMENT OF TECHNIQUES FOR THE DESIGN AND FABRICATION OF SEISMIC MODEL RECEIVING TRANSDUCERS FINAL REPORT DEC 1968
AN ALGORITHM FOR THE ANALYSIS AND DESIGN OF LINEAR STATE VARIABLE FEEDBACK SYSTEMS
THE DYNAMIC LOW CYCLE TESTING MACHINE /DESIGN AND CALIBRATION/
APPLICATION OF GEOMETRICAL OPTICS TO THE DESIGN AND ANALYSIS OF MICROWAVE ANTENNAS
EXPLORATIONS OF THE COGNITIVE PROCESSES IN DESIGN

AFOSR67-0083
AFOSR67-0514
AFOSR67-0676
AFOSR68-0110
AFOSR68-0341
AFOSR68-0414
AFOSR67-0257
AFOSR67-0331
AFOSR67-0423
AFOSR68-0005
AFOSR68-2073
ARL 67-0281
ARL 67-0007
AFOSR67-0516
AFOSR68-0833
ARL 67-1209
ARL 68-0213
AFOSR68-0002
AFOSR68-0542
AFOSR67-1623
AFOSR67-1906
AFOSR67-0552
AFOSR67-2551
AFOSR67-0184
AFOSR67-0393
ARL 67-0276
AFOSR68-1300
ARL 67-0095
AFOSR67-2450
AFOSR68-1975
AFOSR67-0473
AFOSR67-0474
AFOSR67-0585
AFOSR68-0037
AFOSR68-003A
AFOSR68-0276
AFOSR68-0585
AFOSR68-0674
AFOSR68-0107
AFOSR67-0666
AFOSR68-1339
AFOSR67-0233
AFOSR67-0758
AFOSR68-1612
AFOSR68-0054
AFOSR68-1109
AFOSR67-1702
AFOSR68-2076
ARL 68-0206
AFOSR67-0760
AFOSR68-2006
AFOSR67-0486
AFOSR68-1857
AFOSR68-0177
AFOSR68-2610
ARL 67-7170
AFOSR68-0650
AFOSR68-2044
AFOSR68-0267
AFOSR67-0501
AFOSR68-1374

DESIGN - CONTINUED

BALLOON BORNE TELESCOPE FEASIBILITY STUDY AND DESIGN FINAL REPORT AUG 1967
APPLICATION OF GAME THEORY TO THE SENSITIVITY DESIGN OF OPTIMAL SYSTEMS
THE APPLICATION OF A POSITIVE IMPEDANCE INVERTER TO THE DESIGN OF INTEGRATED SELECTIVE FILTERS
VALIDITY OF DETAILED BALLOON SOUNDINGS IN BOOSTER VEHICLE DESIGN
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES ENTITY TABLE DESIGN FINAL REPORT FEB 1968
AFCL 67-0318
AFOSR67-1817
AFOSR68-0089
AFCL 68-0808
AFCL 68-0128

DESIGNED
NUMERICAL EXPERIMENTS WITH A VIBRALLY PARAMETERIZED MODEL DESIGNED TO STUDY THE EFFECTS OF HIGH-LEVEL HEATING ON THE
AFCL 68-0571

DESIGNS
NON-ORTHOGONAL DESIGNS OF EVEN RESOLUTION
SATURATED SEQUENTIAL FACTORIAL DESIGNS
RESEARCH IN SEQUENTIAL FACTORIAL DESIGNS FINAL REPORT JULY 1967
SMALL INCOMPLETE FACTORIAL EXPERIMENT DESIGNS FOR TWO AND THREE LEVEL FACTORS
THE THEORETICAL INVESTIGATIONS OF THE BLOCK DESIGNS FINAL REPORT NOV 1968
RESULTS ON NON-ORTHOGONAL INCOMPLETE FACTORIAL DESIGNS
ARL 68-0871
ARL 68-0310
ARL 67-0141
ARL 67-0082
AFOSR68-2806
ARL 67-0021

DESIPRAMINE
EFFECT OF DESIPRAMINE AND RESERPINE ON THE IN VIVO 8-HYDROXYLATION OF X-METHYL-N-TYRANINE AND X-METHYLDOPAMINE
AFOSR67-2775

DESIRABLE
ON THE SYNTHESIS OF TWO-DIMENSIONAL ARRAYS WITH DESIRABLE CORRELATION PROPERTIES
AFOSR68-1140

DESK
SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART I-THEORETICAL BACKGROUND AND APPLICATIONS
SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART II-PROGRAM MANUAL
AFCL 67-0392
AFCL 67-0393

DESORPTION
BINDING AND FIELD DESORPTION OF INDIVIDUAL TUNGSTEN ATOMS
AFOSR68-1784

DESSLER
DISCUSSION OF PAPER BY M E RASSBACH A J DESSLER AND A G W CAMFON THE LUNAR PERIOD THE SOLAR PERIOD AND K SUB P
AFCL 67-0202

DESTABILIZING
A DESTABILIZING EFFECT OF SEVERE NOSE BLUNTNESS
ARL 67-0227

DESYNCHRONIZED
BRAIN STEM STRUCTURES RESPONSIBLE FOR THE ELECTROENCEPHALOGRAPHIC PATTERNS OF DESYNCHRONIZED SLEEP
AFOSR67-1480

DETAILED
A DETAILED STUDY OF THE FLOW AROUND THE LEADING EDGE OF A FLAT PLATE IN HYPERSONIC LOW DENSITY FLOW
VALIDITY OF DETAILED BALLOON SOUNDINGS IN BOOSTER VEHICLE DESIGN
TIME REVERSAL, AND DETAILED BALANCE IN DWBA
ARL 68-1112
AFCL 68-0606
AFOSR68-0902

DETECTABILITY
OPTIMIZATION OF THE DETECTABILITY OF ARRAY RECEIVING SYSTEMS
AFOSR68-1180

DETECTABLE
A STATISTICAL METHOD FOR EVALUATION OF LIMITING DETECTABLE SAMPLE CONCENTRATIONS
DERIVATION OF EXPRESSIONS FOR CALCULATION OF LIMITING DETECTABLE ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE FLAME
AFOSR68-0338
AFOSR67-1302

DETECTING
ERROR DETECTING AND ERROR CORRECTING INDEXING SYSTEMS FOR LARGE SERIAL NUMBERS
METHOD OF DETECTING SMALL ANGLES OF MICROWAVE FARADAY ROTATION
A GAMMA RAY DETECTING SYSTEM FINAL REPORT MAY 1967
DIGITAL MATCHED FILTERS FOR DETECTING GAUSSIAN SIGNALS IN GAUSSIAN NOISE
FURTHER STUDIES ON THE VELOCITY FUNCTION OF MOVING DETECTING CLASS-2 NEURONS IN THE PROG RETINA
AN ANALYSIS OF THE PERFORMANCE OF THE THREE-STATION SPARS NETWORK FOR DETECTING AND TRACKING THUNDERSTORM ACTIVITY
AFOSR67-1109
AFOSR67-0375
AFOSR67-1215
AFOSR68-1919
AFOSR68-2703
AFCL 68-0272

DETECTION
DETECTION OF SUBMILLIMETER WAVES BY HARMONIC MIXING
DETECTION AND STUDY OF HIGH-ENERGY COSMIC PHOTONS FINAL REPORT MARCH 1967
DETECTION OF AN IN-PHASE SIGNAL WITH AND WITHOUT UNCERTAINTY REGARDING THE INTERAURAL PHASE OF THE MASKING NOISE
DETECTION OF QUARKS IN THE ULTRAVIOLET SOLAR SPECTRUM
DETECTION OF GAMMA RADIATION FROM THE CYGNUS REGION
DETECTION OF HARD X-RADIATION FROM VIRGO
DETECTION OF AN AMBIGUOUS VISUAL SIGNAL WHILE IMAGING
DETECTION AND IDENTIFICATION OF SHORT-LIVED FREE RADICALS BY AN ELECTRON SPIN RESONANCE TRAPPING TECHNIQUE
DETECTION OF MERCURIC CYANIDE AND ALKALI HALIDES IN PRESENCE OF ALKALI CYANIDE
LEAK DETECTION OF LARGE PRESSURIZED SPHERICAL BALLOONS FINAL REPORT APR 1968
ERROR DETECTION CONSIDERATIONS IN MULTIPLE RECEPTION SYSTEMS
CLOUD DETECTION CAPABILITY OF OPERATIONAL AN/TPO-11 RADAR SETS DURING 1966-1967
SONIC DETECTION OF A PULSED WATER VAPOR LASER
ON THE DETECTION OF MAGNETIC MICROSTRUCTURES WITH CHARGED PARTICLES
BINARY DETECTION IN AN OPTICAL POLARIZATION MODULATION COMMUNICATION CHANNEL
ON THE DETECTION OF WATER ON THE MOON
DIRECT DETECTION OF FID NUCLEAR ACOUSTIC RESONANCE IN ANTIFERRO-MAGNETIC BISMUTH
THRESHOLD DETECTION OF GEOMETRIC SATELLITE IMAGES
SHOT TEST DETECTION OF SULFIDE IN MINERALS
SYNCHRONOUS DETECTION VS PULSE COUNTING FOR SENSITIVE PHOTOMULTIPLIER DETECTION SYSTEMS
ULTRASENSITIVE DETECTION OF CERTAIN MICROBIAL METABOLITES BY GAS CHROMATOGRAPHY
MODULATION AND DETECTION OF COHERENT OPTICAL RADIATION FINAL REPORT FEB 1967
GENERATION AND DETECTION OF DYNAMIC NEWTONIAN GRAVITATIONAL FIELDS AT 1660 CPS
OPTIMUM QUADRATIC DETECTION OF A RANDOM VECTOR IN GAUSSIAN NOISE
SHOT TESTS FOR THE DETECTION OF ELEMENTAL ARSENIC ANTIMONY AND TIN
SHOT TESTS FOR THE DETECTION OF BOUND ARSENIC AND ANTIMONY
RAPID AND SENSITIVE DETECTION OF BACTERIA BY GAS CHROMATOGRAPHY
GAS CHROMATOGRAPHIC DETECTION OF IN VIVO ACTIVITY OF EQUINE INFECTIONS ANAEMIA VIRUS
STUDIES OF SEQUENTIAL DETECTION SYSTEMS WITH UNCERTAINTY FEEDBACK
GAS CHROMATOGRAPHY FOR DETECTION OF VIRAL INFECTIONS
THEORY OF PHOTOELECTRIC DETECTION
ESTIMATION OF LIMITS OF DETECTION FOR THE FLAME EMISSION GAS CHROMATOGRAPHIC DETECTOR
AFOSR67-0802
AFOSR67-0950
AFOSR67-2393
AFOSR67-2640
AFOSR68-1150
AFOSR68-1151
AFOSR68-1622
AFOSR68-2867
ARL 67-0097
AFCL 68-0283
AFCL 67-0638
AFCL 68-0269
AFOSR68-2446
AFOSR67-0051
AFOSR67-1472
AFOSR67-1646
AFOSR68-1527
AFCL 67-0034
ARL 67-0096
AFOSR68-2117
AFOSR67-2649
AFOSR68-0266
AFOSR68-1284
AFOSR67-0734
ARL 67-0086
ARL 67-0087
AFOSR68-2177
AFOSR68-2178
AFOSR68-2450
AFOSR68-2176
AFCL 67-0684
AFOSR68-0337

DETECTION

- CONTINUED

RESEARCH PROGRAMS FOR ALPHATYING DETECTION AND IDENTIFICATION OF PATHOGENS FINAL REPORT JULY 1967
 A PROJECTION METHOD FOR SIGNAL DETECTION IN COLORED GAUSSIAN NOISE
 RESEARCH PROGRAMS FOR ALPHATYING DETECTION AND IDENTIFICATION OF PATHOGENS
 THE SPARSA ATMOSPHERIC ELECTRICITY DETECTION SYSTEM AS MODIFIED BY THE ADDITION OF THE IMAGE STORAGE TUBE
 SYNTHETIC ARRAY MAPPING AND TARGET DETECTION /US/
 ANTENNA PROCESSING FOR SURFACE TARGET DETECTION
 A STUDY OF BASIC FACTORS GOVERNING THE DETECTION LIMIT IN ASTRONOMICAL IMAGING
 THE BASIC LIMITATIONS IN THERMAL IMAGE DETECTION AS AFFECTED BY COOLING, SPECTRAL MATCHING, THE OPTICAL SYSTEM AND
 THE ROLE OF LYING IN PSYCHOPHYSIOLOGICAL DETECTION
 RECOGNITION PERFORMANCE AS A FUNCTION OF DETECTION CRITERION IN A SIMULTANEOUS DETECTION-RECOGNITION TASK
 INFLUENCE OF TYPE OF TURBULENT PLANE ON LIMITS OF DETECTION IN ATOMIC FLUORESCENCE PLANE SPECTROMETRY
 STATISTICAL DECISION PROCESSES IN RECOGNITION AND DETECTION FINAL REPORT APRIL 1968
 A SIMPLE RULE FOR CHECKING THE VALIDITY OF CERTAIN DETECTION FORMULAS
 RESEARCH DIRECTED TOWARD UNDERSTANDING BEHAVIOR AND DETECTION OF PLASMAS IN MAGNETIC FIELD FINAL REPORT APR 1968
 A MAXIMUM-SIGNAL THEOREM FOR THE SPATIALLY COHERENT DETECTION OF SCATTERED RADIATION
 THE FUNDAMENTAL INFRARED THRESHOLD IN THERMAL IMAGE DETECTION AS AFFECTED BY DETECTOR COOLING AND RELATED PROBLEMS
 PROBABILISTIC ASPECT OF THE BASIC LIMITATIONS IN IMAGE DETECTION
 INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
 INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
 INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
 AN ANALYSIS OF FUNDAMENTAL FACTORS GOVERNING THE LIMITATIONS IN DETECTION OF IMAGES, FINAL REPORT MAY 1968
 SYNCHRONOUS DETECTION VS PULSE COUNTING FOR SENSITIVE PHOTOMULTIPLIER DETECTION SYSTEMS
 RELATION BETWEEN ETHNIC ORIGIN AND GSR REACTIVITY IN PSYCHOPHYSIOLOGICAL DETECTION
 A TECHNIQUE OF OPTIMIZING DECISION-DIRECTED CHANNEL MEASUREMENTS FOR COHERENT DETECTION

AFOSR67-2006
 AFOSR68-0183
 AFOSR68-2180
 AFOSR67-0183
 AFOSR67-0649
 AFOSR68-0119
 ARL 67-1088
 ARL 68-1427
 AFOSR67-1321
 AFOSR68-2676
 AFOSR67-2812
 AFOSR68-1167
 AFOSR67-1700
 AFOSR68-0210
 AFOSR67-1540
 ARL 68-1426
 ARL 68-0257
 AFOSR68-0182
 AFOSR68-0302
 AFOSR68-0447
 ARL 68-0102
 AFOSR68-2171
 AFOSR67-1500

DETECTION-INDICATING

PATTERNS OF EXTINCTION OF A DETECTION-INDICATING RESPONSE UNDER ESCAPE-AVOIDANCE REINFORCEMENT

AFOSR67-1981

DETECTOR

A UNIQUE LASER DETECTOR UTILIZING THE PHOTOELECTRIC EFFECT IN COOLED SEMICONDUCTORS
 SOME EARLY LEAD SALT DETECTOR DEVELOPMENTS FINAL REPORT MARCH 1968
 INVESTIGATION OF ELECTRONIC FRINGER DETECTOR FOR A STELLAR INTERFEROMETER FINAL REPORT FEB 1967
 A BROAD BAND NUCLEAR RESONANCE DISPERSION DETECTOR
 VARIABLE-BANDWIDTH GATE FOR KAMM-ROHM PULSE HEIGHT DETECTOR
 SPECTRAL RESPONSE OF THE GE GA PHOTOCONDUCTIVE DETECTOR
 AMPLITUDE LIMITING APPLIED TO A SENSITIVE CORRELATION DETECTOR
 OBSERVATIONS OF CP133 WITH A FAST NIGHT SKY Cerenkov DETECTOR
 SPECTRAL RESPONSE OF THE GERMANIUM GALLIUM PHOTOCONDUCTIVE DETECTOR
 EXPERIMENTAL TESTS OF THE THEORY OF AN AMPLITUDE-LIMITED CORRELATION DETECTOR
 MEASUREMENT OF PERMANENT GASES BY A FLAME EMISSION GAS CHROMATOGRAPHIC DETECTOR
 ESTIMATION OF LIMITS OF DETECTION FOR THE PLANE EMISSION GAS CHROMATOGRAPHIC DETECTOR
 THE FUNDAMENTAL INFRARED THRESHOLD IN THERMAL IMAGE DETECTION AS AFFECTED BY DETECTOR COOLING AND RELATED PROBLEMS

AFOSR67-2138
 AFOSR68-0264
 AFOSR67-0117
 AFOSR68-0962
 AFOSR68-0010
 AFOSR68-2865
 AFOSR68-0964
 AFOSR68-2857
 AFOSR68-2865
 AFOSR68-2604
 AFOSR67-2810
 AFOSR68-0337
 ARL 68-1426

DETECTORS

MONITORIZATION DETECTORS AND THEIR USE IN GAS CHROMATOGRAPHY
 SEVERAL HIGH SENSITIVITY RADIO-PROBABILITY DETECTORS FOR PERMANENT GAS ANALYSIS
 RESPONSE OF LITHIUM DRIFTED SILICON RADIATION DETECTORS TO HIGH ENERGY CHARGED PARTICLES
 THIN-FILM PIEZOELECTRIC TRANSDUCERS USED AS GENERATORS AND DETECTORS OF MICROWAVE PHONONS WITH SOME ATTENUATION
 CHARGE COLLECTION EFFICIENCIES FOR LITHIUM DRIFTED SILICON AND GERMANIUM DETECTORS IN THE X-RAY ENERGY REGION
 THE LINEARITY OF THE CHARGE CONVERSION FUNCTION FOR COOLED LITHIUM-DRIFTED SILICON DETECTORS IN RESPONSE TO X-RAY AND

AFOSR68-0890
 AFOSR68-0353
 AFOSR68-1675
 AFOSR67-0070
 AFOSR68-1676
 AFOSR67-1948

DETERMINABLE

ON DETERMINABLE CLASSES OF SIGNALS AND LINEAR CHANNELS

AFOSR68-0084

DETERMINANT

RACIAL ATTITUDE AS A DETERMINANT OF JUDGMENTS OF PLAUSIBILITY
 BINARY MATRICES WITH EQUAL DETERMINANT AND PERMANENT
 COMMUTATORS OF MATRICES WITH PRESCRIBED DETERMINANT

AFOSR67-1394
 AFOSR67-0736
 AFOSR68-0662

DETERMINANTS

UNDESIRABLE EFFECTS OF HYPNOSIS THE DETERMINANTS AND MANAGEMENT
 ANTIGENIC COMPETITION BETWEEN POLYPEPTIDYL DETERMINANTS IN NORMAL AND TOLERANT RABBITS
 ANTIBODIES TO SEQUENTIAL AND CONFORMATIONAL DETERMINANTS

AFOSR67-1844
 AFOSR68-1652
 AFOSR68-2701

DETERMINE

MAXWELL'S EQUATIONS AND DETERMINE SYSTEMS

AFOSR67-1798

DETERMINATION

DETERMINATION OF A D-REGION NITRIC OXIDE DENSITY PROFILE BY VLF RADIO PROPAGATION
 DETERMINATION OF CARBON NITROGEN AND OXYGEN IN SILICON BY ACTIVATION ANALYSIS
 DETERMINATION OF THE MEAN VALUES OF CONDUCTIVITY AND DIELECTRIC CONSTANT FROM THE FIELD STRUCTURE OF A MAGNETIC DIPOLE
 DETERMINATION OF THE FIRST DERIVATIVES OF THE DISTURBING POTENTIAL BY GREENS FUNDAMENTAL FORMULA
 DETERMINATION OF PATH RADIANCE FOR DOWNWARD PATH OF SIGHT FROM GROUND-BASED OR LOW-ALTITUDE MEASUREMENT
 DETERMINATION OF APERTURES IN THE FOCUSING PLANE OF X-RAY POWDER DIFFRACTOMETERS
 DETERMINATION OF RELAXATION TIMES IN CYCLOTRON RESONANCE IN COPPER
 DETERMINATION OF RHO ZERO-NUCLEON TOTAL CROSS SECTIONS FROM COHERENT PHOTOPRODUCTION
 DETERMINATION OF OPTICAL EXCITATION CROSS SECTIONS IN ATOMIC COLLISIONS FINAL REPORT FEB 1967
 DETERMINATION OF THE ROCKS ELECRO-OPTIC COEFFICIENT IN ADP AT 5.5 GHZ
 DETERMINATION OF THE THERMAL ACCOMMODATION COEFFICIENTS OF GASES ON CLEAN SURFACES AT TEMPERATURES ABOVE 300 DEGREES K
 DETERMINATION OF TRACE METALS USING COMBINATION CHAIN REACTIONS WITH MASKING AGENTS AND WITH AUTOMATED RATE
 DETERMINATION OF LOSS AND TRANSPORT IN THE NIGHT-TIME F- REGION FROM BACKSCATTER N-H PROFILES
 DETERMINATION OF MIXED VIRIAL COEFFICIENTS FINAL REPORT DEC 1967
 DETERMINATION OF THE DEGREE OF IONIZATION OF GAS ATOMS AS A FUNCTION OF X-RAY ENERGY
 DETERMINATION OF PARTIAL PHOTOIONIZATION CROSS SECTIONS BY PHOTOELECTRON SPECTROSCOPY
 DETERMINATION OF THE EQUATION OF STATE OF POLYISOBUTYLENE
 DETERMINATION OF TRACE ELEMENTS IN STONE METEORITES BY ACTIVATION ANALYSIS /GERMAN/
 DETERMINATION OF CARBON DIOXIDE LINE PARAMETERS USING A CARBON DIOXIDE - NITROGEN-HELIUM LASER
 DETERMINATION OF DEPARTURES FROM LOCAL THERMODYNAMIC EQUILIBRIUM IN ARC PLASMAS FINAL REPORT MARCH 1967
 DETERMINATION OF RATES OF OPTICAL INVERSION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NUCLEAR MAGNETIC RESONANCE
 DETERMINATION OF CROSS SECTIONS FROM MEASUREMENTS ON CYLINDRICAL CASCADE ARCS
 DETERMINATION OF NUCLEAR MATRIX ELEMENT PARAMETERS IN THE FIRST FORBIDDEN BETA DECAY OF AUSUPPER198 AND SBSUPPER122
 DETERMINATION OF RATES OF RACEMIZATION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NMR STUDIES OF RACEMIC MIXTURES
 DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE USED IN ENERGY CONVERSION WITH SOFT AND HARD X-RAY
 DETERMINATION OF OXYGEN-ZIRCONIUM RATIO IN OXYGEN DEFICIENT ZIRCONIA
 DETERMINATION OF NUCLEAR LEVEL PROPERTIES WITH PROTON CAPTURE REACTIONS
 DETERMINATION OF THE ZIRCONIA - HAFNIA PHASE DIAGRAM
 DETERMINATION OF SICKNESS AND COMPOSITION OF THIN FILMS BY THE METHOD OF X-RAY FLUORESCENCE
 THE DETERMINATION OF ANTENNA PARAMETERS BY THE USE OF EXTRA-TERRESTRIAL RADIO SOURCES

AFOSR67-0170
 AFOSR67-0227
 AFOSR67-0494
 AFOSR67-0616
 AFOSR68-0394
 AFOSR67-0168
 AFOSR67-0556
 AFOSR67-0575
 AFOSR67-0940
 AFOSR67-1800
 AFOSR67-1922
 AFOSR67-2653
 AFOSR67-2662
 AFOSR67-2795
 AFOSR68-0876
 AFOSR68-1099
 AFOSR68-1087
 AFOSR68-1499
 AFOSR68-2119
 ARL 67-0060
 ARL 67-0224
 ARL 67-0263
 ARL 67-1044
 ARL 67-1241
 ARL 67-1243
 ARL 68-0166
 ARL 68-1208
 ARL 68-1376
 ARL 68-1450
 AFOSR68-0231

THE DETERMINATION OF THE STRESS INTENSITY FACTORS OF A PAIR OF COPLANAR GRIFFITH CRACKS WHOSE SURFACES ARE LOADED
A NEW DETERMINATION OF THE CIP/CII ISOTOPIC ABUNDANCE RATIO IN THE SOLAR PHOTOSPHERE
TRACE DETERMINATION OF OXYGEN BY REACTION WITH PENTACYANOCORALATE III/ COUPLED TO COORDINATION CHAIN
HEIGHT DETERMINATION OF RADAR ERRORS FROM METEOR TRAILS
ON THE DETERMINATION OF ROTATIONAL CONSTANTS
PRECISE DETERMINATION OF GEODETIC POSITIONS BY THE METHOD OF CONTINUOUS TRACES FINAL REPORT
ABSOLUTE DETERMINATION OF FLOW PARAMETERS IN A LOW DENSITY HYPERSONIC TUNNEL. PART I ELECTRON BEAM STUDIES OF
EMPIRICAL DETERMINATION OF SCATTERED LIGHT TRANSPORT THROUGH THE LOWER ATMOSPHERE
METHODS FOR DETERMINATION OF TRANSPORT COEFFICIENTS FROM HIGH POWER ARCS FINAL REPORT OCT 1967
AN EXPLICIT DETERMINATION OF THE EMPTY SPACE-TIMES ON WHICH THE WAVEEQUATION SATISFIES HUYGENS PRINCIPLES
QUANTITATIVE DETERMINATION OF EVAPORATED SI FILMS BY NEUTRON ACTIVATION
EXPERIMENTAL DETERMINATION OF THE RATE OF CHEMI-IONIZATION PROCESSES
EXPERIMENTAL DETERMINATION OF THE ELECTRON DENSITIES IN SOME OF THE II-VI COMPOUNDS WITH THE THEORETICALLY CALCULATED
ELECTRODELESS DETERMINATION OF SEMICONDUCTOR CONDUCTIVITY FROM CIRCULAR ELECTRIC FIELD MODE REFLECTIVITY
NUMBER DENSITY DETERMINATION IN THE ATMOSPHERE OF CS_2 , HS_2 AND COS_2 GAS CONSTITUENTS BY USE OF A HIGH INTENSITY
AN EXPERIMENTAL DETERMINATION OF THE DYNAMIC VISCOSITY OF ATMOSPHERIC ARGON FROM 3500 TO 8500 DEGREES KELVIN
ON QUANTITATIVE DETERMINATION OF EARTHQUAKE RISK
AN EXPERIMENTAL DETERMINATION OF THE OSCILLATOR STRENGTHS FOR SOME TRANSITIONS IN THE LYMAN BANDS OF MOLECULAR HYDROG
BAND PARAMETERS DETERMINATION FROM PARADAY ROTATION MEASUREMENTS
NETWORK FUNCTION DETERMINATION FROM PARTIAL SPECIFICATIONS
RAPID ULTRA-TRACE DETERMINATION OF REPYLLIUM BY GAS CHROMATOGRAPHY
THERMOGRAVIMETRIC DETERMINATION OF THE COMPOSITION-DRYGEN PARTIAL PRESSURE DIAGRAM OF MUSTITE /PE SUR IVO/
SPECTROPHOTOMETRIC DETERMINATION OF RISMUTH
SPECTROPHOTOMETRIC DETERMINATION OF ZIRCONIUM
GEOPHYSICAL CONSTANT DETERMINATION FROM SATELLITE OBSERVATIONS FINAL REPORT JUNE 1967
A GENERAL LEAST SQUARE DETERMINATION OF THE IMPEDANCE OF AN ANTENNA FROM SLOTTED LINE MEASUREMENTS ACCOUNT TAKEN OF
RESEARCH DIRECTED TOWARD DETERMINATION OF RADIATIVE PROPERTIES AND COMPOSITION OF THE ATMOSPHERE FINAL REPORT APR 1967
EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC CONSTANTS OF SOME IONIC CRYSTALS
EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC CONSTANTS OF SODIUM CHLORIDE
AN APPARATUS FOR THE PRECISE DETERMINATION OF LIFETIMES OF ATOMIC STATES
ANALYTICAL TECHNIQUES FOR THE DETERMINATION OF TRACE IMPURITIES IN CADMIUM SULFIDE FINAL REPORT JULY 1968
STRUCTURE OF LIQUIDS PART 7 - DETERMINATION OF INTER-MOLECULAR POTENTIAL FUNCTIONS AND CORRELATION FUNCTIONS IN
APPROXIMATE ROUGH SLIP VECTOR DIRECTION DETERMINATION FOR IBERIAN NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE FROM
THE FLUORESCENCE OF CYCLIC AZO-COMPOUNDS DETERMINATION OF SINGLET LIFETIMES
ELECTROCHEMICAL MASKING WITH AN ADSORBED METAL COMPLEX DETERMINATION OF SILVER- - MERCURY MIXTURES
DIFFUSIVE AND NONDIFFUSIVE X-RAY FLUORESCENCE METHODS FOR THE DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE AND
INVESTIGATION OF THE LIGHT SCATTERING TECHNIQUE FOR COUNTING AND SIZE DETERMINATION OF MICRON-SIZED METEORITES FINAL
THE PREPARATION OF PLUS^- -N-METHYL-1-1-NAPHTHYL/ ETHYLAMINE AND THE DETERMINATION OF ITS OPTICAL PURITY BY NUCLEAR
THE DIFFERENCE FOURIER-TRANSFORM /DFT/ METHOD FOR DIRECT CRYSTAL-STRUCTURE DETERMINATION
THEORY AND DESIGN CONSIDERATIONS IN DEVELOPING A MULTI-PURPOSE INSTRUMENT FOR DETERMINATION OF TWELVE PROPERTIES
A STUDY OF X-RAY FLUORESCENCE METHOD WITH VACUUM AND AIR- PATH SPECTROGRAPHS FOR THE DETERMINATION OF FILM THICKNESSES

AFOSR66-2186
AFCL67-0480
AFOSR67-2688
AFCL67-0108
AFOSR68-1875
AFCL67-0688
ARL 68-1114
AFCL68-0266
ARL 67-0210
ARL 67-1329
AFOSR68-0332
ARL 68-0351
ARL 68-1354
AFOSR67-1646
AFOSR67-1591
AFOSR68-1210
AFOSR68-1440
AFOSR68-2503
ARL 67-0284
AFCL68-0340
ARL 68-0140
ARL 68-0165
AFOSR67-1697
AFOSR67-1707
AFCL67-0426
AFCL68-0429
AFCL67-0184
AFOSR67-1449
AFOSR67-1833
AFOSR68-1747
ARL 68-0132
AFOSR67-2577
AFOSR68-1434
AFOSR67-0709
AFOSR68-0211
ARL 68-1051
AFCL67-0620
AFOSR68-1490
AFOSR67-2661
AFOSR67-2551
ARL 68-0001

DETERMINATIONS

DETERMINATIONS OF STATE-VARIABLE EQUATIONS FOR ADMITTANCE DESCRIPTIONS SUITABLE FOR THE COMPUTER
THE DETERMINATIONS OF THE SPIN AND PARITY OF THE B-RESON
EXPERIMENTAL VELOCITY PROFILE DETERMINATIONS IN MHD FLOW THROUGH A DIELECTRIC CIRCULAR CHANNEL
COMMENTS ON TECHNIQUES APPLICABLE TO DETERMINATIONS OF SPATIAL DISTRIBUTION OF INTENSITY AND CHROMATICITY
ON A PHOTOMETRIC METHOD FOR CONCENTRATION DETERMINATIONS
A WIDEN-RANGE MAGNETIC SPECTROGRAPH SYSTEM FOR ROUTINE ANGULAR DISTRIBUTION DETERMINATIONS

AFOSR68-2893
ARL 68-1223
ARL 68-1191
ARL 68-0241
AFOSR67-1291
AFOSR67-0446

DETERMINE

A PROGRAM TO DETERMINE FUNDAMENTAL NUCLEAR DATA FROM MUON INTENSITY MEASUREMENTS AND TO INVESTIGATE GEOPHYSICAL
LOCAL WEIGHTS WHICH DETERMINE AREA AND THE ISING MODEL
AN APPROXIMATION TECHNIQUE TO DETERMINE INVERSE FILTERS WITH A MINIMUM NUMBER OF WEIGHTS
ROCKET-BORNE INSTRUMENTATION TO DETERMINE AIR DENSITY BY RAYLEIGH-SCATTERED LIGHT

AFOSR68-2685
AFOSR67-2506
AFOSR67-1505
AFCL68-0065

DETERMINEO

EXPERIMENTALLY DETERMINED SHOCK CONFIGURATIONS IN A HIGH-SOLIDITY SUPERSONIC ROTOR
FIELD DISTRIBUTION IN CDS AS DETERMINED BY AN OPTICAL PROBE
PROPERTIES OF SUPPER31 LEVELS DETERMINED FROM THE SISUPPER30 /P.GAMMA /SUPPER31 REACTION
RECEIVER OPERATING CHARACTERISTICS DETERMINED UNDER SEVERAL INTERAURAL CONDITIONS OF LISTENING
DISSIPATION IN THE EARTHS MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTHS CORE DETERMINED FROM WAVES MULTIPLY
DISSIPATION IN THE EARTHS MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTHS CORE DETERMINED FROM WAVES MULTIPLY
CONFORMATIONAL FREE ENERGIES OF THE FORMYL HYDROXYMETHYL AC HYDROXYL GROUPS AS DETERMINED BY THE EQUILIBRATION METHOD
THE HYDRATION NUMBER AND RATE OF WATER EXCHANGE OF THE TRIMETHYLPLATINUM /IV/ ION IN AQUEOUS SOLUTION DETERMINED BY

ARL 68-1227
AFCL67-0359
ARL 67-1040
AFOSR67-1561
AFCL67-0639
AFOSR67-2707
AFOSR68-2456
AFOSR68-2864

DETERMINING

DETERMINING THE DEGREE OF AMBIGUITY IN FROST POINT TEMPERATURES AS MEASURED BY AN OPTICAL DEW POINT SENSOR
DETERMINING HIGH TEMPERATURE DRYE CONSTANTS WITH THE AID OF X-RAY TECHNIQUES
A REMARK ON DETERMINING THE NUMBER OF STATES OF A SEQUENTIAL MACHINE
A METHOD OF DETERMINING ANGULAR MOMENTA OF NUCLEAR EXCITED STATES
A METHOD FOR DETERMINING CATALYTIC EFFICIENCY OF SURFACES
A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENT OR CONDUCTIVITY /GLOW CURVES/
A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENT OR CONDUCTIVITY GLOW CURVES
LANGMUIR PROBES FOR DETERMINING IONOSPHERIC PARTICLE DENSITIES AND TEMPERATURES
USE OF MICROANALYSE FOR DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES
THE PEAK GAIN METHOD FOR DETERMINING PROPAGATION CHARACTERISTICS OF INSTABILITIES
DEFECTS AND THEIR ROLE IN DETERMINING BULK PROPERTIES OF CRYSTALS FINAL REPORT MAY 1968
TECHNIQUE AND APPARATUS FOR DETERMINING THE RESPONSE OF SCINTILLATORS AND SEMICONDUCTORS TO LOW ENERGY X-RAY
A PULSE EXCITATION METHOD OF DETERMINING NANOSECOND FLUORESCENT LIFETIMES
USE OF A MICROTHERMOBALANCE IN DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES
ANALYSIS OF THE LEONARD AND RAMEY METHOD OF DETERMINING THE THICKNESS OF THIN METALLIC FILMS

AFCL67-0147
ARL 68-1146
AFOSR68-2107
ARL 67-1248
AFOSR67-2246
ARL 68-1017
ARL 68-1173
AFCL68-0306
ARL 68-1144
ARL 68-1475
AFOSR68-0956
AFOSR67-1934
ARL 67-1015
ARL 67-0160
AFOSR68-0936

DETERMINESH

A GENERALIZATION OF CONTEXT FREE DETERMINISM

AFCL67-0077

DETONATION

DETONATION CHARACTERISTICS OF LOW DENSITY GRANULAR MATERIALS
DETONATION CHARACTERISTICS OF LOW DENSITY GRANULAR MATERIALS
DETONATION STUDIES IN GASEOUS NON-CARBON CONTAINING SYSTEMS
IONIZING DETONATION WAVES IN TRANSVERSE ELECTROMAGNETIC FIELDS
LASER-DRIVEN DETONATION WAVES IN GASES
THERMONUCLEAR DETONATION WAVE STRUCTURE
INITIATION OF DETONATION BY INCIDENT SHOCK WAVES IN HYDROGEN-OXYGEN-ARGON MIXTURES
INITIATION OF DETONATION BY INCIDENT SHOCK WAVES IN HYDROGEN-OXYGEN-ARGON MIXTURES
INTERACTION BETWEEN DETONATION WAVES AND FLOWFIELDS
GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS FINAL REPORT DEC 1966
GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS
GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS
FORMATION OF MOVING AND STATIONARY DETONATION WAVES IN FLOWING COMBUSTIBLE MIXTURES

AFOSR67-0813
AFOSR68-1265
ARL 68-1076
AFOSR67-1870
ARL 67-0203
AFOSR68-1603
ARL 67-1124
ARL 68-0320
ARL 67-0246
AFOSR67-0570
AFOSR68-0572
AFOSR68-1789
AFOSR68-0452

DETONATION - CONTINUED

EXPERIMENTAL OBSERVATIONS OF THE TRANSITION TO DETONATION IN AN EXPLOSIVE GAS	AFOSR67-0686
AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE: FINAL REPORT OCT	ARL 67-0909
AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE	ARL 67-1821
AN EXPERIMENTAL METHOD FOR THE STUDY OF THE REACTIONS BETWEEN DETONATION WAVES AND MAGNETIC FIELDS	AFOSR67-1895
IMPLOSION DRIVEN HYPERVELOCITY LAUNCHER PERFORMANCE USING GASEOUS DETONATION WAVES	ARL 67-0278
DETONATIONS	
PROPERTIES OF CHAPMAN-JOUQUET DETONATIONS IN STOICHIOMETRIC HYDROGEN-OXYGEN MIXTURES DILUTED WITH HELIUM AND HYDROGEN	ARL 67-0019
STUDY OF THE DEVELOPMENT AND STABILIZATION OF DETONATIONS FINAL REPORT OCT 1968	AFOSR67-0419
STUDY OF THE DEVELOPMENT AND STABILIZATION OF DETONATIONS FINAL REPORT OCT 1967	AFOSR68-0129
WIDESPREAD OPTICAL/IR EFFECTS FROM HIGH ALTITUDE DETONATIONS /U/ FINAL REPORT AUG 1967	AFCL67-0942
DETONATIVE	
DETONATIVE MACH STEPS FINAL REPORT SEPT 1968	AFOSR68-2343
DEUTERATED	
PRECISION MEASUREMENT OF DIPOLE MOMENTS AND OTHER SPECTRAL CONSTANTS OF NORMAL AND DEUTERATED METHYL FLUORIDE AND	AFOSR67-0385
DEUTERIDE	
LATTICE DYNAMICS AND THERMAL PROPERTIES OF LITHIUM HYDRIDE AND LITHIUM DEUTERIDE CRYSTALS	AFOSR67-1127
DEUTERIO	
THE NUCLEAR MAGNETIC RESONANCE AND MICROWAVE SPECTRA OF SOME DEUTERIO DERIVATIVES OF 2,4-DICARBACLOVONEPTABORANE /??/	AFOSR67-2265
DEUTERIUM	
DEUTERIUM ISOTOPE EFFECTS IN THE ELECTRON SPIN RESONANCE SPECTRA OF NAPHTHALENE NEGATIVE IONS	AFOSR68-0397
GALACTIC DEUTERIUM AND ITS ENERGY SPECTRUM ABOVE TWENTY MILLION ELECTRON VOLTS/ PER NUCLEON	AFOSR67-1204
REACTIONS OF HYDROGEN AND DEUTERIUM POSITIVE IONS IN HYDROGEN AND DEUTERIUM GASES	AFOSR68-262A
ELECTRON SPIN RESONANCE STUDIES OF DEUTERIUM ISOTOPE EFFECTS A NOVEL RESONANCE-INTEGRAL PERTURBATION	AFOSR68-0390
MEASUREMENTS OF G/J RATIOS FOR 8085 8087 HYDROGEN AND DEUTERIUM AND OF THE HYPERFINE SEPARATION OF DEUTERIUM	AFOSR68-2790
REACTIONS OF HYDROGEN AND DEUTERIUM POSITIVE IONS IN HYDROGEN AND DEUTERIUM GASES	AFOSR68-2620
MEASUREMENTS OF G/J RATIOS FOR 8085 8087 HYDROGEN AND DEUTERIUM AND OF THE HYPERFINE SEPARATION OF DEUTERIUM	AFOSR68-2790
DEUTEROMETHANE	
PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE EXPERIMENTAL	AFOSR68-1563
PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE THEORY	AFOSR68-1564
DEUTERON	
DEUTERON POLARIZATION AND NEUTRON FORM FACTORS	AFOSR67-0222
DEUTERON STRIPPING ON A REALISTIC NUCLEUS	AFOSR67-2398
CHLORINE AND DEUTERON RELAXATION TIME MEASUREMENTS IN LIQUID HCl AND DCl	AFOSR67-2568
ELECTRIC FIELD GRADIENT AT THE DEUTERON SITE IN LIQUID DCl	AFOSR67-1168
POLARIZATION AND ASYMMETRY IN THE REACTION DEUTERON SCATTERING FROM HELIUM-THREE YIELDING A PROTON PLUS HELIUM-FOUR	AFOSR68-0358
THE THEORY OF THE PHOTODISINTEGRATION OF THE DEUTERON AND OF OTHER NUCLEI	AFOSR68-0714
COVARIANT THEORY OF THE DISINTEGRATION OF THE DEUTERON BY PIONS AND PHOTONS AT HIGH ENERGY	AFOSR68-1363
DEUTERON-TRITON	
COUPLED CHANNEL SCHRÖDINGER-EQUATION MODEL FOR NEUTRON- ALPHA AND DEUTERON-TRITON SCATTERING I	AFOSR67-0224
DEVELOP	
RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODES	AFCL67-0365
RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODES FINAL REPORT SEPT 1968	AFCL68-0478
DEVELOPED	
VARIABLE CONDUCTIVITY FULLY DEVELOPED MHD CHANNEL FLOW FINAL REPORT MARCH 1967	ARL 67-0046
DEVELOPING	
THE FEASIBILITY OF DEVELOPING TRANSFER OF TECHNOLOGY FUNCTIONS	AFOSR67-1873
EMERGENT LEADERS IN DEVELOPING NATIONS FINAL REPORT APRIL 1968	AFOSR68-0752
TRANSFER OF TECHNOLOGY TO DEVELOPING COUNTRIES	AFOSR67-0081
SOCIAL PSYCHOLOGICAL RESEARCH IN DEVELOPING COUNTRIES	AFOSR68-2164
THEORY AND DESIGN CONSIDERATIONS IN DEVELOPING A MULTI-PURPOSE INSTRUMENT FOR DETERMINATION OF TWELVE PROPERTIES	AFOSR67-2551
DEVELOPMENT	
DEVELOPMENT AND EVALUATION OF 1200 RPS DELTA MODULATION FOR THE KY-585/U Vocoder	AFCL67-0001
DEVELOPMENT AND EVALUATION OF Vocoder SYNTHESIZER FOR THE KY-585/U Vocoder	AFCL67-0002
DEVELOPMENT OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASUREMENTS RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT	AFCL67-0415
DEVELOPMENT OF AN EXPERIMENTAL AIRCRAFT HYDROMETER FINAL REPORT OCT 1967	AFCL67-0608
DEVELOPMENT FABRICATION ASSEMBLY AND TESTING OF BIAXIAL POINTING CONTROL AND ASSOCIATED TELEMETERING SYSTEMS FINAL	AFCL67-0646
DEVELOPMENT OF A BALLOON TO REACH 60 000 FEET AT 2 000 FEET PER MINUTE FINAL REPORT DEC 1967	AFCL68-0087
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES ENTITY TABLE DESIGN FINAL REPORT FEB 1968	AFCL68-0126
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM PROGRAM MANUAL FINAL REPORT FEB 1968	AFCL68-0129
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM OPERATORS MANUAL FINAL REPORT FEB	AFCL68-0130
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES TIME-SHARING INPUT-OUTPUT EXECUTIVE /IOX/	AFCL68-0131
DEVELOPMENT OF INSTRUMENTATION WHICH WILL ALLOW MEASUREMENT OF THE INFRARED REFRACTIVE INDEX OF OZONE FINAL REPORT APR	AFCL68-0207
DEVELOPMENT AND TESTING OF AIR BALLAST SYSTEMS FINAL REPORT OCT 1968	AFCL68-0556
DEVELOPMENT OF TECHNIQUES FOR THE DESIGN AND FABRICATION OF SEISMIC MODEL RECEIVING TRANSDUCERS FINAL REPORT DEC 1968	AFCL68-0650
DEVELOPMENT OF DESIGN CRITERIA FOR COMPOSITE MATERIALS	AFML 67-0095
DEVELOPMENT OF A HEATED SHOCK TUBE FINAL REPORT SEPT 1967	AFOSR67-2341
DEVELOPMENT AND ANALYSIS OF MODELS FOR A MAP MATCHING NAVIGATION SYSTEM	AFOSR68-2050
DEVELOPMENT OF A THREE-AXIS LONG-PERIOD SEISMOGRAPH	AFOSR68-2152
DEVELOPMENT AND APPLICATION OF METHODS FOR ANALYSES OF RESEARCH MATERIALS FINAL REPORT JAN 1967	ARL 67-0007
DEVELOPMENT OF A FACILITY FOR SUPERSONIC COMBUSTION SIMULATION	ARL 67-0154
DEVELOPMENT OF A HIGH PRESSURE TIME-OF-FLIGHT MASS SPECTROMETER FOR IONMOLECULE REACTION STUDIES	ARL 67-1107
DEVELOPMENT OF AN IMAGE 1500M WITH FIBER-OPTICS FACPLATE FINAL REPORT OCTOBER 1968	ARL 68-0182
THE DEVELOPMENT OF DESIGN TECHNIQUES FOR SINGLE-STAGE SOUNDING ROCKETS FINAL REPORT MAR 1967	AFCL67-0233
THE DEVELOPMENT OF A CONSTITUTIVE RELATION FOR NEOPRENE BALLOON FILM	AFCL67-0573
DESIGN DEVELOPMENT AND FLIGHT TEST OF THE VIPER DART ADMIN METEOROLOGICAL ROCKET SYSTEM FINAL REPORT JUNE 1968	AFCL68-0418
BALLUTE DEVELOPMENT FOR LOKI-DART AND ARCS ROCKETS/ODES FINAL REPORT NOV 1968	AFCL68-0622
DESIGN AND DEVELOPMENT OF PARTIALLY UNIFORM ARRAYS FINAL REPORT FEB 1968	AFCL68-0110
RESEARCH AND DEVELOPMENT OF ANALOG MODELS	AFCL67-0185
RESEARCH AND DEVELOPMENT OF PARALLEL-HYBRID MODELS	AFCL68-0147
STUDY OF THE DEVELOPMENT AND STABILIZATION OF DETONATIONS FINAL REPORT OCT 1966	AFOSR67-0419

DEVELOPMENT

- CONTINUED

STUDY OF THE DEVELOPMENT AND STABILIZATION OF DETONATIONS FINAL REPORT OCT 1967
 RESEARCH AND DEVELOPMENT LABORATORY MANAGEMENT KNOWLEDGE UTILIZATION STUDY FINAL REPORT JULY 1968
 INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL CATHODES
 INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL CATHODES FINAL REPORT AUG 1967
 SOLAR RESEARCH AND DEVELOPMENT AT SACRAMENTO PEAK OBSERVATORY FINAL REPORT JAN 1967
 AUTOMATA THEORY AND DEVELOPMENT PART I
 THE ROLE AND CAREER DEVELOPMENT OF THE SCIENTIFIC AND ENGINEERING OFFICER IN THE AIR FORCE
 RESEARCH IN THE DESIGN DEVELOPMENT AND CONSTRUCTION OF NON-MAGNETIC SENSORS FOR MAGNETIC FIELD-CHARGED PARTICLE
 INVESTIGATION AND CONTINUED DEVELOPMENT OF THE IDEALAB FOURIER TRANSFORM ANALOG COMPUTER FINAL REPORT JUN 1967
 TASK PREDICTABILITY AND THE DEVELOPMENT OF TRACKING SKILL UNDER EXTENDED PRACTICE
 AN EXPERIMENTAL STUDY OF THE DEVELOPMENT OF CONSENSUS
 SOCIAL AND CULTURAL ASPECTS OF DEVELOPMENT FINAL REPORT JULY 1968
 ALTERATIONS OF BRAIN BIOCHEMISTRY AND DEVELOPMENT OF BEHAVIOR
 THEORY OF PLASMA RADIATION I MATHEMATICAL DEVELOPMENT
 THE INFLUENCE OF FINITE ELECTRICAL CONDUCTIVITY ON THE DEVELOPMENT OF A MAGNETICALLY DRIVEN SHOCK IN MgO-CRYSTA MUCH
 RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL I THE DEVELOPMENT OF A CW TRAVELING WAVE ACCELERATOR FOR THE
 S-BAND TELEMETRY ANTENNA STUDIES SOUNDING ROCKET RESEARCH AND DEVELOPMENT PROBLEMS

DEVELOPMENTS

RECENT DEVELOPMENTS IN ENERGY TRANSFER
 RECENT DEVELOPMENTS IN MOLECULAR SPECTROSCOPY
 SOME RECENT DEVELOPMENTS ON MULTIPLE COMPARISON TESTS
 SOME RECENT DEVELOPMENTS ON MULTIPLE COMPARISON TESTS
 INTERNATIONAL DEVELOPMENTS IN CONTROLLED THERMONUCLEAR FUSION
 SOME EARLY LEAD SALT DETECTOR DEVELOPMENTS FINAL REPORT MARCH 1968

DEVIATES

DELTA-FUNCTION FERMI GAS WITH TWO-SPIN DEVIATES

DEVIATION

COMMENT ON THE DEVIATION FROM AN INVERSE SIXTH POWER POTENTIAL IN THE SCATTERING OF A POLAR MOLECULE BY NONPOLAR GASES
 A PERSISTENT LOCAL MAXIMUM OF THE PYM POWER DEVIATION ON AN INTERVAL P IS LESS THAN ONE
 SIMULTANEOUS LINEAR ESTIMATION OF THE MEAN AND STANDARD DEVIATION OF THE NORMAL AND LOGISTIC DISTRIBUTION BY THE USE

DEVIATIONS

DEVIATIONS FROM THE MATTHEWSSEN RULE
 DEVIATIONS CONDITIONAL ESTIMATION OF THE STANDARD/ OF THE NORMAL AND LOGISTIC DISTRIBUTIONS FROM DOUBLY CENSORED
 STUDY OF SPATIAL DEVIATIONS IN THE CHARACTERISTICS OF SEMICONDUCTORS.
 ON THE MEASUREMENT OF SMALL DEVIATIONS FROM THE OHMIC LAW PART B FINAL REPORT MAY 1967

DEVICE

DEVICE FOR ATMOSPHERAL AND ISOTHERMAL ELECTRICAL RESISTIVITY IN THE RANGE-186 TO 400DEGREES C
 A SIMPLE DEVICE FOR SAMPLING GASES WITHOUT AIR CONTAMINATION
 A VERSATILE DEVICE FOR MICROSCOPIC SPECTROFLUOROMETRY
 A PHOTOMETRIC DEVICE FOR THE IDENTIFICATION OF MULTIPLE CHARGED PARTICLES STOPPING IN NUCLEAR EMULSIONS
 NEW SOLID-STATE DEVICE CONCEPTS
 NEW SOLID-STATE DEVICE CONCEPTS
 NEW SOLID-STATE DEVICE CONCEPTS FINAL REPORT JAN 1968
 ANNUAL FLOW MGO DEVICE USING POTASSIUM GAS FINAL REPORT APRIL 1966
 THE HALLUTP A RETARDATION DEVICE AND WIND SENSOR
 PROPERTIES OF THE ARL MAGNETO PLASMA DEVICE PART I SYSTEM OPERATION AND PLASMA GENERATION FINAL REPORT MAY 1968
 ACCELERATION PROCESS IN THE HALL CURRENT DEVICE
 NON-EQUILIBRIUM IONIZATION IN A POTASSIUM GAS MGO DEVICE FINAL REPORT SEPT 1967
 ROTATING CRYSTAL SPECTROMETERS WITH AND WITHOUT AN AUXILIARY DEVICE FOR SUPPRESSION OF UNWANTED REFLECTIONS
 INVESTIGATION OF LASER RADIATION SIMULATION FOR MICROELECTRONIC DEVICE HARDENING FINAL REPORT JAN 1967

DEVICES

TWO WHISKER STRAINING DEVICES SUITABLE FOR LOW TEMPERATURES
 COUPLING OF OPTO-ELECTRONIC DEVICES BY A THIN-FILM TRANSMISSION LINE
 INVESTIGATION OF SOLID STATE DEVICES AND MATERIALS FINAL REPORT SEPT 1967
 THE ANALYSIS OF NOISY NON-LINEAR DEVICES BY MEANS OF GENERALIZED RANDOM PROCESSES FINAL REPORT MARCH 1967
 IONIZING LAYERS IN THE PLASMA PRODUCTION DEVICES
 PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES III DIAGNOSTIC EVALUATION OF SPEECH INTELLIGIBILITY FINAL REPORT
 PHYSICAL CHARACTERIZATION OF ELECTRONIC MATERIALS DEVICES AND THIN FILMS
 A CENTER OF COMPETENCE IN SOLID STATE MATERIALS AND DEVICES
 EFFECTS OF RADIATION ON SEMICONDUCTOR MATERIALS AND DEVICES FINAL REPORT DEC 1966
 A CENTER OF COMPETENCE IN SOLID STATE MATERIALS AND DEVICES
 EFFECTS OF RADIATION ON SEMICONDUCTOR MATERIALS AND DEVICES FINAL REPORT APR 1968
 A SINUSOIDAL WAVE GENERATOR FOR DYNAMIC TESTING OF FLUIDIC DEVICES
 COMPOSITION COPYING AND SEMI-MECHANIZED FILING AND SEARCHING DEVICES
 RADIATION DAMAGE STUDIES OF SILICON PHOTODETECTORS AND MAGNETIC DEVICES FINAL REPORT APR 1968
 FIELD- AND PHOTON-ENHANCED FIELD EMISSION FROM THIN-FILM FIELD-EMISSION DEVICES

DEWAR

CHEMISTRY OF THE METAL CARBONYLS XLVIII COMPLEXES OF DEWAR HEXAFLUOROBENZENE

Dextran

A TWO-SEGMENT COLUMN PROCEDURE FOR SINGLE STEP ISOLATION OF DEXTRAN FROM RED CELL SUSPENSIONS

Dextro-amphetamine

BIOCHEMICAL AND HISTOCHEMICAL STUDIES ON THE EFFECTS OF IMIPRAMINE-LIKE DRUGS AND DEXTRO-AMPHETAMINE ON CENTRAL AND

DIABATIC

A STRATOSPHERIC GENERAL CIRCULATION EXPERIMENT INCORPORATING DIABATIC HEATING AND OZONE PHOTOCHEMISTRY
 NUMERICAL METHODS OF COMPUTING THREE-DIMENSIONAL TRAJECTORIES FOR ADIABATIC AND DIABATIC FLOWS

DIACETATE

ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVII CYCLOPENTADIENYLVANADIUM DIACETATE

DIAGNOSIS

DIAGNOSIS OF SPACECRAFT SURFACE PROPERTIES AND DYNAMICAL MOTIONS BY OPTICAL PHOTOMETRY.
 RESEARCH IN FOUR-DIMENSIONAL DIAGNOSIS OF CYCLONIC STORM CLOUD SYSTEMS FINAL REPORT OCT 1967

DIAGNOSTIC

DIAGNOSTIC STUDIES OF WEATHER SYSTEMS OF LOW AND HIGH LATITUDES /ROSSBY NUMBER 1/ FINAL REPORT APRIL 1967
 DIAGNOSTIC CRITERIA FOR THE STUDY OF CHEMICAL AND PHYSICAL PROCESSES BY TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY
 DIAGNOSTIC TECHNIQUES FOR ATMOSPHERIC PRESSURE ARCS
 DIAGNOSTIC TECHNIQUES FOR ATMOSPHERIC PRESSURE ARC PLASMAS
 PLASMA DIAGNOSTIC TECHNIQUES IN A LINEAR OCTUPOLE
 LOCALIZED DIAGNOSTIC POSSIBILITIES OF SELECTIVE EXCITATION SPECTROSCOPY
 RESEARCH ON PLASMA DIAGNOSTIC METHODS FOR HIGH TEMPERATURE PLASMA RESEARCH FINAL REPORT MARCH 1967
 A COMPARISON OF HYPNOTIC SUSCEPTIBILITY AS ASSESSED BY DIAGNOSTIC RATINGS AND INITIAL STANDARDIZED TEST SCORES
 PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES III DIAGNOSTIC EVALUATION OF SPEECH INTELLIGIBILITY FINAL REPORT

AFCL67-0128
 AFOSR67-0583
 ARL 67-1072
 ARL 67-1075
 AFOSR68-1799
 AFOSR67-1422
 ARL 67-0067
 AFOSR67-1839
 AFCL67-0101

DIAGNOSTICS

DIAGNOSTICS OF MAGNETOPLASMAS BY LARGE ANGLE LASER SCATTERING
 DIAGNOSTICS ON STEADY-STATE CROSS-FLOW ARCS. I. LOW CURRENT. FINAL REPORT MAY 1968
 DIAGNOSTICS ON STEADY-STATE CROSS-FLOW ARCS
 LASER DIAGNOSTICS OF PLASMAS
 PLASMA DIAGNOSTICS THROUGH HOLOGRAPHIC TECHNIQUES
 PLASMA DIAGNOSTICS THROUGH HOLOGRAPHIC TECHNIQUES
 ARC PLASMA DIAGNOSTICS WITH VACUUM ULTRAVIOLET RADIATION FINAL REPORT AUG 1967
 COOLED PROBE DIAGNOSTICS OF DENSE PLASMA MIXING AND HEAT TRANSFER PROCESSES
 A NEW APPROACH TO LOCALIZED DIAGNOSTICS
 A TRANSIENT FIBER OPTICS PROBE FOR SPACE RESOLVED DIAGNOSTICS OF DENSE PLASMAS
 OPTIMIZATION OF AN X-BAND INTERFEROMETER FOR PLASMA DIAGNOSTICS
 THE DIFFERENTIAL INTERFEROMETER, A NOVEL TOOL FOR PLASMA DIAGNOSTICS
 COMMENT ON THE USE OF LANGMUIR PROBES FOR LOW-DENSITY PLASMA DIAGNOSTICS
 INFRARED WAGEN COUPLED RESONATOR AND FARADAY ROTATION TECHNIQUES FOR EXPERIMENTAL IONIZED GAS DIAGNOSTICS

ARL 67-0020
 ARL 68-0109
 ARL 68-1194
 ARL 68-1448
 AFOSR68-1715
 AFOSR68-1815
 ARL 67-0178
 ARL 67-1236
 AFOSR68-1404
 AFOSR67-0834
 AFOSR68-1004
 ARL 68-1135
 ARL 68-0094
 AFOSR67-0826

DIAGRAM

NEW PROPERTY OF THE STABILITY DIAGRAM FOR CURVED-MIRROR RESONATORS
 CONTRIBUTION TO THE W-N PHASE DIAGRAM AT HIGH TEMPERATURE
 THE CAYLEY EQUATIONS OF A REDUCIBLE PEYNNAN DIAGRAM
 THERMOGRAVIMETRIC DETERMINATION OF THE COMPOSITION-OXYGEN PARTIAL PRESSURE DIAGRAM OF WUSTITE /FE SUB 1VO/

AFOSR67-0488
 ARL 67-0144
 AFOSR68-1219
 ARL 68-0165

DIAGRAMS

PEYNNAN DIAGRAMS FOR UNITARY REPRESENTATIONS OF SL(2, C)
 DERIVATION OF THE PRINCIPLE OF COMPENSATION OF DANGEROUS DIAGRAMS
 AUTOMATIC QUESTION-ANSWERING OF ENGLISH-LIKE QUESTIONS ABOUT SIMPLE DIAGRAMS
 BEST ENERGY CRITERION AND THE PRINCIPLE OF COMPENSATION OF DANGEROUS DIAGRAMS

AFOSR67-1832
 AFOSR68-1068
 AFOSR68-1303
 AFOSR67-1281

DIALKYL

THERMAL RACEMIZATION OF DIARYL ALKYL ARYL AND DIALKYL SULFOXIDES BY PYRAMIDAL INVERSION

AFOSR68-2490

DIALKYLAMINOTELLURIC

DIALKYLAMINOTELLURIUM /VI/ FLUORIDES

AFOSR68-0954

DIALOGUE

AN ORAL EXPERIMENT ON RETRIEVAL DIALOGUE
 A WRITTEN EXPERIMENT OF RETRIEVAL DIALOGUE

AFOSR68-1836
 AFOSR68-1839

DIAMETER

ANGULAR DIAMETER OF 3C 279 FROM INTERPLANETARY SCINTILLATIONS
 CONTINUOUS GAS MIXING BY THE USE OF CRITICAL FLOW THROUGH SMALL DIAMETER TUBES

AFOSR67-1447
 AFOSR67-1028

DIAMETERS

NEW LIMITS ON THE DIAMETERS OF RADIO SOURCES
 THE STELLAR INTERFEROMETER AT MARRABRI OBSERVATORY -II THE ANGULAR DIAMETERS OF 15 STARS

AFOSR68-1089
 AFOSR68-1797

DIAMMONIUM

NUCLEAR QUADRUPOLE RESONANCE OF DIAMMONIUM PENTACHLOROQUINQUADIUMATE

AFOSR67-2753

DIAMOND

CHARGE DENSITY OF DIAMOND
 ZERO PHONON LINES IN DIAMOND AND LOCALIZED MODES
 DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS
 DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS FINAL REPORT MAR 1968
 OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND /OPTICAL AND ELECTRICAL PROPERTIES OF NON METALS/ FINAL REPORT FEB 1967
 RELATION BETWEEN PHOTOELASTICITY ELECTROSTRICTION AND FIRST ORDER RAMAN EFFECT IN CRYSTALS OF THE DIAMOND STRUCTURE

AFOSR68-0401
 AFCL67-0139
 AFCL67-0155
 AFCL68-0170
 AFCL67-0322
 AFOSR68-0932

DIAMOND-TYPE

NEW STUDIES OF THE BAND STRUCTURE OF THE DIAMOND-TYPE CRYSTALS

AFCL67-0382

DIAMONDS

PHOTOCONDUCTIVITY OF UV EXCITED DIAMONDS

AFCL67-0138

DIANION

THERMODYNAMIC PROPERTIES OF DECAHYDRO DECAHEDRANE DIANION AND DODECAHYDRO DODECAHEDRANE DIANION

AFOSR68-1728

DIARYL

THERMAL RACEMIZATION OF DIARYL ALKYL ARYL AND DIALKYL SULFOXIDES BY PYRAMIDAL INVERSION
 ION RADICALS XII THE REACTIONS OF DIARYL SULFIDES AND SULFOXIDES BENZENE THIOISULFONATE AND BENZENESULFINIC ACID IN

AFOSR68-2490
 AFOSR67-1636

DIASTEREOTOPIC

CHEMICAL SHIFT NONEQUIVALENCE OF DIASTEREOTOPIC GROUPS IN SULFONIUM SALTS
 CHEMICAL SHIFT NONEQUIVALENCE OF DIASTEREOTOPIC PROTONS DUE TO RESTRICTED ROTATION AROUND ARYL--NITROGEN BONDS IN

AFOSR67-1574
 AFOSR67-2483

DIATOMIC

THEORY OF OPTICAL ABSORPTION BY DIATOMIC MOLECULES EMBEDDED IN PURE GAS CRYSTALS
 HYPERPOLARIZABILITIES OF SOME POLAR DIATOMIC MOLECULES
 CERTAIN COLLISIONS BETWEEN PROTONS AND DIATOMIC MOLECULES FINAL REPORT MAY 1967
 COUPLING BETWEEN NUCLEAR AND ELECTRONIC MOTION IN DIATOMIC MOLECULES
 A METHOD FOR TESTING AND IMPROVING MOLECULAR CONSTANTS OF DIATOMIC MOLECULES WITH SPECIAL REFERENCE TO BROMINE

AFCL68-0420
 AFOSR67-1556
 AFCL67-0352
 AFOSR67-1975
 AFOSR68-0667

DIATOMIC - CONTINUED

FLOW WITH COUPLED RADIATIVE AND VIBRATIONAL NONEQUILIBRIUM IN A DIATOMIC GAS	AFOSR66-1895
MOST FAVORABLE ORIENTATION FOR VIBRATIONAL TRANSITIONS IN ASYMMETRIC DIATOMIC MOLECULES	AFOSR66-1982
THE RELATION BETWEEN THE ELECTRONIC OSCILLATOR STRENGTH AND THE WAVELENGTH FOR DIATOMIC MOLECULES	AFOSR67-1013
DIATOMIC	
GLORY SCATTERING OF LITHIUM BY A SERIES OF MOLECULES I DIATOMICS	AFOSR66-2428
DIBENZENCHROMIUM	
THE STRUCTURE OF HEXAMETHYLBENZENCHROMIUM TRICARBONYL WITH COMMENTS ON THE DIBENZENCHROMIUM STRUCTURE	AFOSR67-0741
THREE-DIMENSIONAL CRYSTAL STRUCTURE OF BENZENCHROMIUM TRICARBONYL WITH FURTHER COMMENTS ON THE DIBENZENCHROMIUM	AFOSR67-0725
DIBENZOYLSTILBENE	
PHOTOCHEMICAL TRANSFORMATIONS OF SMALL RING CARBONYL COMPOUNDS X PHOTODESULFURIZATION OF DIBENZOYLSTILBENE EPISULFIDE	AFOSR67-2658
DIBORANE	
SPINORITY OF MOLECULES II DIBORANE AND ETHANE	AFOSR67-2468
DIBORIDE	
HEATS OF FORMATION OF ALUMINUM DIBORIDE AND ALPHA-ALUMINUM DODECABORIDE	AFOSR67-2639
DICARBONYL-PI	
CHEMISTRY OF THE METAL CARBONYLS PART XIX DICARBONYL-PI- CYCLOPENTADIENYL RUTHENIUM FLUOROCARBON COMPLEXES	AFOSR66-2814
DICHLOROCARBENE	
HALOMETHYLMETAL COMPOUNDS XVII THE MECHANISM OF DICHLOROCARBENE INSERTION INTO THE SI-H BOND BY THE MERCURIAL ROUTE	AFOSR66-1884
DIELECTRIC	
QUANTUM STRUCTURE IN THE DIELECTRIC FUNCTION OF METALS AND ANOMALOUS PROPAGATION MODES	AFOSR66-1758
DIELECTRIC	
DIELECTRIC CONSTANT OF A SUPERCONDUCTOR	AFOSR67-0167
DIELECTRIC DISSIPATION IN NaCl AND KCl BELOW 4.2 DEGREES K	AFOSR67-0814
DIELECTRIC RELAXATION IN ISOMETRIC OCTYL ALCOHOLS	AFOSR66-2243
DIELECTRIC STUDY OF INTERMOLECULAR ASSOCIATION IN ISOMETRIC OCTYL ALCOHOLS	AFOSR66-2267
THE DIELECTRIC CONSTANT OF BLOCH ELECTRONS IN CROSSED ELECTRIC AND MAGNETIC FIELDS	AFOSR67-0691
HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE X-BAND FARADAY ROTATION OF WATER ADSORBED ON HEMOGLOBIN	AFOSR67-2081
CORRECTIONS TO THE DIELECTRIC CONSTANT OF A DEGENERATE ELECTRON GAS	AFOSR67-0173
PRESSURE DEPENDENCE OF DIELECTRIC CONSTANT AND DENSITY OF LIQUIDS	AFOSR66-1075
IONIC THERMOCURRENTS IN DIELECTRIC SOLIDS	AFOSR67-1333
THE FREQUENCY DEPENDENCE OF THE DIELECTRIC CONSTANT AND CONDUCTIVITY OF ROCK AND ITS RELATION TO QUANTITIES OF ROCK	AFOSR67-0362
TEMPERATURE DEPENDENT STUDY OF THE DIELECTRIC DISPERSION OF A VARIETY OF INORGANIC SOLIDS FINAL REPORT SEPT 1968	AFOSR66-0561
MEASUREMENT OF THE CONDUCTIVITY AND DIELECTRIC CONSTANT OF A HOMOGENEOUS MEDIUM BY MEANS OF WAVE PROPAGATION	AFOSR66-0440
ABSORPTION SPECTRUM OF A MAGNETOPLASMA DIELECTRIC IN A RESO CAVITY	AFOSR66-2409
SURFACE FIELDS OF LINEAR ANTENNAS IN FREE SPACE DIELECTRIC RODS AND MAGNETOIONIC MEDIA	AFOSR66-0574
NEW APPROXIMATION FOR SCREENED EXCHANGE AND THE DIELECTRIC CONSTANT OF METALS	AFOSR67-2425
CALCULATION OF THE IMAGINARY PART OF THE COMPLEX DIELECTRIC CONSTANT OF COS	ARL 67-1289
DETERMINATION OF THE MEAN VALUES OF CONDUCTIVITY AND DIELECTRIC CONSTANT FROM THE FIELD STRUCTURE OF A MAGNETIC DIPOLE	AFOSR67-0494
EXPERIMENTAL VELOCITY PROFILE DETERMINATIONS IN HNO FLOW THROUGH A DIELECTRIC CIRCULAR CHANNEL	ARL 66-1191
A STUDY OF THE RELATIONSHIP BETWEEN MULTIPATH DISTORTION AND WAVE NUMBER SPECTRUM OF DIELECTRIC NOISE IN RADIO LINKS	AFOSR66-0439
FABRICATION OF VAPOR-DEPOSITED THIN FILM PIEZOELECTRIC TRANSDUCERS FOR THE STUDY OF PHONON BEHAVIOR IN DIELECTRIC	AFOSR67-0627
DIELECTRICS	
CHEMICAL VAPOR DEPOSITION OF THIN FILM DIELECTRICS	AFOSR66-1796
IONIC THERMOCONDUCTIVITY AND PROPERTIES OF DIELECTRICS FINAL REPORT JULY 1968	AFOSR66-2768
DIFLS--ALDER	
PERHYDROINDAN DERIVATIVES IX THE DIELS--ALDER REACTION WITH 7-METHYLLINDENE DERIVATIVES	AFOSR66-2491
DIENCEPHALON	
NEURONS OF THE MEDIAL DIENCEPHALON II EXCITATION OF CENTRAL ORIGIN	AFOSR67-0969
NEURONS OF THE MEDIAL DIENCEPHALON I SOMATOSENSORY RESPONSES AND CAUDATE INHIBITION	AFOSR67-0970
ASCENDING MONOAMINE NEURONS TO THE VENTRAL DIENCEPHALON AND DIENCEPHALON	AFOSR67-0860
DIENES	
CONJUGATED DIFNES AS QUENCHERS FOR EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS	AFOSR67-0109
QUENCHING OF EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS BY CONJUGATED DIENES	AFOSR66-0835
RATE OF THE EXCITATION ENERGY IN THE QUENCHING OF FLUORESCENCE BY CONJUGATED DIENES	AFOSR66-1681
DIETHYL	
PROTONATION IN ACETONITRILE OF WATER ALCOHOLS AND DIETHYL ETHER	AFOSR66-2210
SOLVATION OF EXTRACTED COMPLEX METAL ACIDS III THE HFSUBCL4 DIETHYL ETHER SYSTEM	AFOSR67-1140
DIPHENILMETHANO	
RADICALS LIBRES INERTES PERCLORADOS DE LA SERIE DEL DIFENILMETANO	ARL 67-1096
SINTESIS Y PROPIEDADES DE DERIVADOS PUERTAMENTE CLORADOS Y PERCLORADOS DEL DIFENILMETANO	ARL 67-1096
DIFFERENCE	
A DIFFERENCE INEQUALITY FOR OPERATORS IN HILBERT SPACE	ARL 67-1268
THE DIFFERENCE FOURIER-TRANSFORM /OPT/ METHOD FOR DIRECT CRYSTAL-STRUCTURE DETERMINATION	AFOSR67-2661
FINITE DIFFERENCE SOLUTION OF THE LAMINAR COMPRESSIBLE BOUNDARY LAYER EQUATIONS IN THE VON MISES VARIABLES WITH	ARL 67-0050
ON STABILITY FOR DIFFERENCE SCHEMES A SHARP FORM OF GARDING'S INEQUALITY	AFOSR67-2850
QUASILINEARIZATION DIFFERENCE APPROXIMATION AND NONLINEAR BOUNDARY VALUE PROBLEMS	AFOSR66-2417
BOUNDS FOR RATIOS AMNO DIFFERENCE OF MEANS	ARL 66-1260
K 1 ZERO - K 2 ZERO MASS DIFFERENCE AND THE INTERMEDIATE VECTOR BOSON	AFOSR66-1331
SKEW-NADAMARD ABELIAN GROUP DIFFERENCE SETS	AFOSR67-2336
OPERATION INSTRUCTIONS AND DESCRIPTION OF COMPUTER PROGRAM FOR FINITE DIFFERENCE SOLUTIONS OF THE LAMINAR COMPRESSIBLE	ARL 67-0098
A MAXIMUM PRINCIPLE OF THE PONTRYAGIN TYPE FOR SYSTEMS DESCRIBED BY NONLINEAR DIFFERENCE EQUATIONS	AFOSR67-0776
UTILIZATION OF THE LAMBDA FUNCTIONS IN THE ANALYSIS AND SYNTHESIS OF MONOPULSE ANTENNA DIFFERENCE PATTERNS	AFOSR66-0838

DIFFERENCES

DIFFERENCES IN IMMUNE RESPONSE TO SYNTHETIC ANTIGENS IN TWO INBRED STRAINS OF GUINEA-PIGS
DIFFERENCES OF MEANS
ISOTOPIC DIFFERENCES IN THE ZERO DEGRADATION VOLUME AND SUBLIMATION ENERGIES OF SOLID NEON AND ARGON
SPECTRAL DIFFERENCES BETWEEN HEMOGLOBIN AND ISOLATED HEMOGLOBIN CHAINS IN THE DEOXYGENATED STATE
ROUNDS ON DIFFERENCES OF MEANS
INDIVIDUAL DIFFERENCES AND THEORETICAL PROCESS VARIATIONS GENERAL COMMENTS ON THE CONFERENCE
MASKING-LEVEL DIFFERENCES WITH CONTINUOUS AND WITH BURST MASKING NOISE
MASKING-LEVEL DIFFERENCES WITH AND WITHOUT INTERAURAL DISPARITIES IN MASKER INTENSITY
HANDSPEED TIME DIFFERENCES BY DYNAMIC STORAGE OF FLIP-FLOP PULSES
PRECISE ATOMIC MASS DIFFERENCES INVOLVING ISOTOPES OF NO SM CO AND PH
INTRA- AND INTERHEMISPHERE DIFFERENCES IN OCCURRENCE TIMES OF HYDROMAGNETIC EMISSIONS
INTEGRATION OF THE UNSTEADY NAVIER-STOKES EQUATIONS BY FINITE DIFFERENCES

AFOSR67-2380
ARL 67-0148
AFOSR67-0189
AFOSR68-2698
ARL 67-0230
AFOSR67-1810
AFOSR67-1498
AFOSR68-2677
AFOSR67-0548
AFOSR67-1748
AFOSR67-0280
ARL 67-1064

DIFFERENT

DIFFERENT CODING PROPERTIES OF TWO ASPARTYL-TRNA SPECIES
THE EFFECT OF DIFFERENT SURFACE BARRIER MODELS ON THE NOTTINGHAM ENERGY EXCHANGE PROCESS
REACTION KINETICS IN DIFFERENT TYPES OF DIFFERENTIALS FINAL REPORT OCT 1968
MODEL COMPUTATIONS FOR DIFFERENT SOLUTIONS OF THE GEODESIC BOUNDARY-VALUE PROBLEM
REFLECTAL RESPONSES WITH DIFFERENT BACKGROUND LIGHT AND PSYCHOPHYSICAL CORRELATION
HOSKINSON EFFECT OF VIBS IN DIFFERENT TUNSTEN COMPOUNDS
CHARACTERISTICS OF REM BLUR FOLLOWING DIFFERENT CONDITIONED RATES OF WAKING EYE MOVEMENT IN THE MONKEY
INTERACTION OF ANTHRACENE AND BIACETYL AT DIFFERENT EXCITATION WAVELENGTHS
INFORMATION CAPACITY OF DISCRETE MOTION RESPONSES UNDER DIFFERENT COGNITIVE SETS
BIOCHEMICAL STUDIES OF NEURONS AND GLIA DURING LEARNING AND DIFFERENT FUNCTIONAL CONDITIONS FINAL REPORT MAY 1967
THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF COPPER AT DIFFERENT STRAIN RATES
EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE SUPERSONIC COMPRESSOR ROTORS OF DIFFERENT BLADE THICKNESSES AND

AFOSR67-2338
AFOSR68-0408
AFOSR68-2634
AFOSR68-0104
AFOSR67-2842
AFOSR67-0647
AFOSR68-2794
ARL 68-0130
AFOSR67-1623
AFOSR67-1690
AFOSR67-1680
ARL 68-1224

DIFFERENTIAL

DIFFERENTIAL RESPONSE AND SPECIFIC YIELD FUNCTIONS OF COSMIC-RAY NEUTRON MONITORS
DIFFERENTIAL EQUATIONS - STABILITY OF A CLASS OF LINEAR STOCHASTIC SYSTEMS /FRENCH/
DIFFERENTIAL APPROXIMATION FOR RADIATIVE TRANSFER IN A HONGREY GAS NEAR EQUILIBRIUM
A DIFFERENTIAL THERMAL ANALYSIS SAMPLE HOLDER FOR USE TO 1700 DEGREES C
A DIFFERENTIAL THERMAL ANALYSIS SAMPLE HOLDER FOR USE TO 1700 DEGREES C
ON DIFFERENTIAL CAMPS
THE DIFFERENTIAL INTERFEROMETER, A NOVEL TOOL FOR PLASMA DIAGNOSTICS
PARTIAL DIFFERENTIAL EQUATIONS CALCULUS OF VARIATIONS AND FLUID MECHANICS
PARTIAL DIFFERENTIAL EQUATIONS OPERATOR THEORY AND APPLICATIONS
EXAMPLES OF DIFFERENTIAL TOPOLOGY WITH SINGULARITIES GERHARD
AN IMPROVED DIFFERENTIAL APPROXIMATION FOR RADIATIVE TRANSFER WITH SPHERICAL SYMMETRY
THE EFFECTS OF DIFFERENTIAL EARLY EXPERIENCE UPON LEARNING, PERFORMANCE, AND BIOCHEMICAL RESPONSES OF NONHUMAN
CALIBRATION AND DIFFERENTIAL FIELD MEASUREMENT OF HIGH MAGNETIC FIELDS BY MEANS OF A PERIODIC SIZE EFFECT IN GALLIUM
ON DISCONJUGATE DIFFERENTIAL EQUATIONS
ON SYMMETRIZABLE DIFFERENTIAL OPERATORS
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 3 BOUNDARY VALUE PROBLEMS
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 4 DIFFERENTIAL OPERATORS
LOM ASSESSMENT OF DIFFERENTIAL EARLY STRESS IN RATS FINAL REPORT NOV 1967
GENERALIZED LINEAR DIFFERENTIAL SYSTEMS AND RELATED RICCATI MATRIX INTEGRAL EQUATIONS
APPLICATION OF THE DIFFERENTIAL INTERFEROMETER TO ARC-HEATED PLASMAS
QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS AND STRUCTURAL STABILITY
DISCONJUGATE NTH ORDER DIFFERENTIAL EQUATIONS AND PRINCIPAL SOLUTIONS
A D-C PULSED BRIDGE FOR DIFFERENTIAL CAPACITY MEASUREMENTS
STABILITY THEORY FOR ORDINARY DIFFERENTIAL EQUATIONS
SOLUTIONS OF THE HILL-MISSNER DIFFERENTIAL EQUATION
SOME LIMIT THEOREMS FOR ORDINARY DIFFERENTIAL SYSTEMS
FINITELY CONVEX SETS OF NONLINEAR DIFFERENTIAL EQUATIONS
SINGULAR POINTS OF PLANAR ORDINARY DIFFERENTIAL SYSTEMS
ON THE EXISTENCE OF SOLUTIONS TO A DIFFERENTIAL GAME
ON THE HAMILTON-JACOBI EQUATION OF DIFFERENTIAL GAMES
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF FIRST ORDER
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER
THE GOURSAT PROBLEM FOR THE PARTIAL DIFFERENTIAL EQUATION $U_{XY} = F(X, Y, U)$
ERROR ROUNDS FOR SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS FINAL REPORT MARCH 1968
THE CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER
ON THE EQUIVALENCE OF SYSTEMS OF PARTIAL DIFFERENTIAL EQUATIONS
THEORY OF DYNAMICAL SYSTEMS REPRESENTED BY DIFFERENTIAL EQUATIONS AND ALGEBRAIC STRUCTURES
TRANSFORMATIONS AND AVERAGING PROCESSES FOR DIFFERENTIAL CROSS-SECTION MEASUREMENTS AT THERMAL ENERGIES
LINEAR ASYMPTOTICALLY AUTONOMOUS FUNCTIONAL DIFFERENTIAL EQUATIONS /ITALIAN/
RETENTION OF OPINION CHANGE AS A FUNCTION OF DIFFERENTIAL SOURCE CREDIBILITY
THE APPROXIMATE SOLUTION OF CERTAIN NONLINEAR DIFFERENTIAL EQUATIONS
U/U RADAR SIGNATURE ANALYSIS BASED ON MEASURED DIFFERENTIAL PHASE SHIFTS OF TARGET SCATTERING AT TWO HARMONIC
ON RELATIVELY BOUNDED PERTURBATIONS OF ORDINARY DIFFERENTIAL OPERATORS
POLAR SETS AND REMOVABLE SINGULARITIES OF PARTIAL DIFFERENTIAL EQUATIONS
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 4 DIFFERENTIAL OPERATORS
LOWER BOUNDS AND UNIQUENESS THEOREMS FOR SOLUTIONS OF DIFFERENTIAL EQUATIONS IN A HILBERT SPACE
THE UNBOUNDED GROWTH OF SOLUTIONS OF LINEAR PARABOLIC DIFFERENTIAL EQUATIONS
SOME FUNCTION-THEORETIC ASPECTS OF LINEAR SECOND-ORDER DIFFERENTIAL EQUATIONS
ON ERROR ROUNDS FOR THE SOLUTION OF SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
STABILITY REGIONS OF DISCRETE VARIABLE METHODS FOR ORDINARY DIFFERENTIAL EQUATIONS
THE FIRST BOUNDARY VALUE PROBLEM FOR CERTAIN LINEAR ELLIPTIC DIFFERENTIAL EQUATIONS INVOLVING TWO SMALL PARAMETERS
VARIATIONAL METHODS AND BOUNDARY PROBLEMS FOR ORDINARY LINEAR DIFFERENTIAL SYSTEMS
APPLICATION OF QUASILINEARIZATION TO THE SOLUTION OF NONLINEAR DIFFERENTIAL EQUATIONS
RIGOROUS ROUNDS ON THE ERROR IN NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATIONS
A SOLID STATE POLARIMETER SUITABLE FOR ROCKET-BORNE IONOSPHERIC DIFFERENTIAL MEASUREMENTS
BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DIFFERENTIAL SYSTEMS
DIRACMEIN LINEAR AND COMPARISON THEOREMS FOR ELLIPTIC-PARABOLIC DIFFERENTIAL EQUATIONS
COMPLEX FOURIER TRANSFORM TECHNIQUE IN VARIABLE COEFFICIENT PARTIAL DIFFERENTIAL EQUATIONS
INEQUALITIES OF HOLTZMANN TYPE AND APPLICATIONS TO SINGULAR ELLIPTIC DIFFERENTIAL OPERATORS
SINGULAR PERTURBATIONS OF BOUNDARY VALUE PROBLEMS FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS INVOLVING TWO PARAMETERS
A SEARCH FOR OPTIMUM METHODS FOR THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS
SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE MATHEMATICAL
CONTROL OF VENTRICULAR FIBRILLATION DURING INDUCED HYPOTHERMIA IN CATS AFTER DIFFERENTIAL DEPLETION OF CADIAC
VERY LOW FREQUENCY INTEGRATING VIBRATING SAMPLE MAGNETOMETER /ZVLVSM/ WITH HIGH DIFFERENTIAL SENSITIVITY IN HIGH DC
ON THE EXISTENCE UNIQUENESS AND STABILITY OF SOLUTIONS OF A THIRD ORDER PARTIAL DIFFERENTIAL EQUATION
SMOOTHNESS PROPERTIES OF PERIODIC SOLUTIONS IN THE LARGE OF NONLINEAR HYPERBOLIC DIFFERENTIAL SYSTEMS
ORBIT PERTURBATIONS OF ARTIFICIAL EARTH SATELLITES AS FUNCTIONS OF GRAVITY ANOMALIES AND DIFFERENTIAL CORRECTIONS OF
A COMPUTER STUDY OF THE ESTIMATED PROPAGATION OF ERRORS IN THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL

AFOSR67-0477
AFOSR67-0653
AFOSR68-1309
ARL 68-0235
ARL 68-0332
AFOSR68-1681
ARL 68-1135
AFOSR68-1417
AFOSR68-1579
AFOSR67-0118
AFOSR68-2840
ARL 67-0010
AFOSR67-2157
AFOSR68-2564
AFOSR68-2656
AFOSR67-2301
AFOSR67-2302
ARL 67-0026
AFOSR67-0216
ARL 67-1274
AFOSR67-2203
AFOSR68-0445
AFOSR68-2270
AFOSR68-0767
ARL 67-1186
AFOSR67-1996
AFOSR67-0776
AFOSR67-1347
AFOSR68-0072
AFOSR68-1827
ARL 67-1182
ARL 68-1295
AFOSR67-1471
ARL 68-1279
AFOSR68-0712
ARL 68-1261
AFOSR67-2552
AFOSR68-2209
AFOSR68-1563
AFOSR68-1763
AFOSR68-2549
AFOSR68-2752
AFOSR67-0476
AFOSR68-2342
AFOSR67-1210
AFOSR67-2302
AFOSR67-2847
AFOSR68-2293
AFOSR67-1470
ARL 67-1273
AFOSR67-2329
AFOSR67-2245
AFOSR68-2585
AFOSR67-1865
ARL 67-1258
AFOSR67-0373
AFOSR68-0074
AFOSR67-2323
AFOSR67-2849
AFOSR68-1278
AFOSR67-2345
AFOSR68-0011
AFOSR67-1536
AFOSR68-1015
AFOSR68-0822
AFOSR68-1181
AFOSR68-1002
AFOSR68-0163
ARL 67-1006

DIFFERENTIATION

DIFFERENTIATION OF STREPTOCOCCI STRAINS BY GAS CHROMATOGRAPHY
THE DIFFERENTIATION BETWEEN UNIDENTATE AND BIDENTATE LIGANDS WHICH DONATE THREE ELECTRONS TO A METAL ATOM
APPLICATION OF THE METHOD OF PARAMETRIC DIFFERENTIATION TO RADIATION GASDYNAMICS
SOLUTION OF NONLINEAR FLOW PROBLEMS THROUGH PARAMETRIC DIFFERENTIATION

AFOSR68-2179
AFOSR67-0601
AFOSR68-1867
AFOSR67-1900

DIFFERENTIATION - CONTINUED

SOLUTION OF THE TRANSONIC AIRFOIL PROBLEM THROUGH PARAMETRIC DIFFERENTIATION
AN APPROXIMATE SOLUTION OF THE BOUNDARY LAYER EQUATIONS USING THE METHOD OF PARAMETRIC DIFFERENTIATION
ON RELATING THE BEHAVIOR OF A SYSTEM TO THE BEHAVIOR OF ITS CONSTITUENTS A THEORY OF CELLULAR DIFFERENTIATION AND THE

AFOSR67-1166
AFOSR67-1512
AFOSR68-0217

DIFFICULT

HOW NATURE HAS SOLVED A DIFFICULT OPTICAL PROBLEM /SWEDISH/
ABSOLUTE RECOVERY OF FIRST-LIST RESPONSES FROM UNLEARNING DURING 26 MINUTES FILLED WITH AN EASY RP DIFFICULT

AFOSR67-0902
AFOSR67-2233

DIFFRACTED

A STUDY OF THE CORE-MANTLE BOUNDARY USING P WAVE DIFFRACTED BY THE EARTH'S CORE

AFOSR67-1193

DIFFRACTION

DIFFRACTION AND SCATTERING OF THE ELECTROMAGNETIC GROUND WAVE BY TERRAIN FEATURES
DIFFRACTION BY FIBER MOSAICS
DIFFRACTION EFFECTS IN LORENTZ MICROSCOPY
DIFFRACTION CONTRAST FROM NON-SPHERICAL DISTORTIONS - - IN PARTICULAR A CUBOIDAL INCLUSION
DIFFRACTION OF LIGHT BY SURFACE ACOUSTIC WAVES
DIFFRACTION OF A PLANE PULSE BY A CLOSED CRACK AT THE INTERFACE OF ELASTIC SOLIDS
ON THE DIFFRACTION BY A KNIFE-EDGE OBSTACLE ON A CONDUCTING EARTH
P WAVE DIFFRACTION THEORY AND THE STRUCTURE OF THE CORE-MANTLE BOUNDARY
SEISMIC DIFFRACTION BY CRUSTAL DISCONTINUITIES FINAL REPORT JAN 1967
NOTE ON DIFFRACTION BY A DISC
MULTIPLE DIFFRACTION THEORY OF HIGH-ENERGY COLLISIONS
MULTIPLE DIFFRACTION ORIGIN OF LOW ENERGY ELECTRON DIFFRACTION INTENSITIES
MULTIPLE ACOUSTIC DIFFRACTION TECHNIQUES FOR FREQUENCY SHIFTING OF LASER SOURCES
LOW-ENERGY ELECTRON DIFFRACTION STUDIES OF EPITAXIAL GROWTH OF SILVER AND GOLD IN ULTRAHIGH VACUUM
LOW-ENERGY ELECTRON DIFFRACTION STUDY OF SURFACES OF ANTIMONY AND BISMUTH
LOW-ENERGY-ELECTRON DIFFRACTION STUDY OF THE EPITAXY OF SILICON ON SILICON
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE $\text{Ta}(112)$ SURFACE
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE $\text{Mo}(100)$ SURFACE
MULTI-MODE SURFACE WAVE DIFFRACTION BY A RIGHT-ANGLED WEDGE
PHENOMENOLOGICAL MODEL OF DIFFRACTION AND RESONANT SCATTERING
ON AN INTEGRAL EQUATION IN DIFFRACTION THEORY
DYNAMIC EFFECTS IN GAS ELECTRON DIFFRACTION
QUANTITATIVE REFLECTION ELECTRON DIFFRACTION IN AN ULTRA HIGH VACUUM CAMERA
STRUCTURE OF LIQUIDS III AN X-RAY DIFFRACTION STUDY OF FLUID ARGON
METHOD FOR PRODUCTION OF BLAZED OPTICAL DIFFRACTION GRATINGS FROM SINGLE CRYSTAL MATERIALS
ON TRANSITION FUNCTIONS OCCURRING IN THE THEORY OF DIFFRACTION IN INHOMOGENEOUS MEDIA
MULTIPLE DIFFRACTION ORIGIN OF LOW ENERGY ELECTRON DIFFRACTION INTENSITIES
NUMERICAL RESTORATION OF OPTICAL OBJECTS OBSCURED BY DIFFRACTION AND NOISE
A STUDY OF THE NI(110) SURFACE USING LOW ENERGY ELECTRON DIFFRACTION TECHNIQUES
FURTHER COMMENTS ON THE PAPER ON THE INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM /AMORPHOUS/ BORON/
A TWO-DIMENSIONAL ULTRASONIC MODEL STUDY OF COMPRESSIONAL AND SHEAR-WAVE DIFFRACTION PATTERNS PRODUCED BY A CIRCULAR
SOME NEW RELATIONS CONNECTING MOLECULAR PROPERTIES AND ELECTRON AND X-RAY DIFFRACTION INTENSITIES
INVESTIGATION OF THE COMPRESSIBILITY OF LIP BY HIGH-PRESSURE HIGH-TEMPERATURE X-RAY DIFFRACTION METHOD FINAL REPORT
ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION

AFCL68-0212
AFOSR67-1699
AFOSR67-2199
AFOSR67-2794
AFOSR68-0083
AFOSR68-2485
AFCL68-0375
AFOSR67-1169
AFCL67-0122
AFOSR68-0013
AFOSR68-0450
AFOSR68-1493
AFOSR67-0435
AFOSR67-1173
AFOSR67-2698
AFOSR67-2761
ARL 68-1065
ARL 68-1217
AFCL67-0073
AFOSR68-1248
AFOSR68-0018
AFOSR67-0863
AFOSR68-0557
AFOSR67-1181
AFOSR68-0333
AFOSR67-1734
AFOSR68-1403
AFCL67-0070
ARL 67-0025
ARL 67-0248
AFOSR68-1442
AFOSR67-1154
AFCL68-0441
AFOSR67-1766

DIFFRACTOMETERS

IMPROVED SLETS FOR X-RAY POWDER DIFFRACTOMETERS
RAY PROOF SLETT MOUNT FOR X-RAY POWDER DIFFRACTOMETERS
DETERMINATION OF APERTURES IN THE FOCUSING PLANE OF X-RAY POWDER DIFFRACTOMETERS

AFOSR67-0466
AFOSR67-0168
AFOSR67-0168

DIFFUSE

EFFECTS OF STEADY DIFFUSE ILLUMINATION ON RATE OF UNITARY TONIC DISCHARGE IN THE CENTRAL VISUAL PATHWAYS OF THE
CONSERVATIVE INFERENCE WITH SIMPLE AND DIFFUSE HYPOTHESES FINAL REPORT AUG 1967
INTUITIVE STATISTICAL INFERENCES ABOUT DIFFUSE SYOTHESES
SURFACE LATTICE DYNAMICS OF SILVER II LOW-ENERGY ELECTRON THERMAL DIFFUSE SCATTERING

AFOSR68-2790
AFOSR67-1877
AFOSR68-0873
AFOSR67-2475

DIFFUSED

SCANNING ELECTRON MICROSCOPE INVESTIGATION OF PLANAR DIFFUSED PN JUNCTION PROFILES NEAR THE EDGE OF A DIFFUSION MASK

AFOSR68-1173

DIFFUSING

WAVE PROPAGATION IN A DISSOCIATING AND DIFFUSING GAS
UNSTEADY MAGNETOHYDRODYNAMIC FLOW PAST THIN BODIES WITH INWARDLY DIFFUSING MAGNETIC FIELD

ARL 67-1197
AFOSR68-0460

DIFFUSION

DIFFUSION FLAMES AND SUPERSONIC COMBUSTION FINAL REPORT OCT 1966
DIFFUSION AS A PROBLEM OF STATISTICAL PATH
DIFFUSION OF LEAD IONS IN SODIUM CHLORIDE
DIFFUSION IN CRYSTALS FINAL REPORT SEPT 1967
DIFFUSION FLAMES AND SUPERSONIC COMBUSTION FINAL REPORT OCT 1967
DIFFUSION OF ADSORPTING AND INHERING SERVICES FOR GOVERNMENT-SPONSORED RESEARCH SCARECROW PRESS INC METUCHEN N J 1968
DIFFUSION OF LEAD IONS IN PURIFIED SODIUM CHLORIDE CRYSTALS
DIFFUSION COEFFICIENTS FOR ORGANIC VAPORS IN POLYVINYL ACETATE
DIFFUSION CONCENTRATION DISTRIBUTION NEAR AN IDEALIZED CONTACT SPOT, FINAL REPORT NOV 1967
DIFFUSION OF METALLIC IONS IN METALLIC OXIDES
DIFFUSION OF CU IN COS SINGLE CRYSTALS
DIFFUSION OF DISSOLVED GASES IN MOLTEN CONDENSATION POLYMERS
DIFFUSION CONCENTRATION DISTRIBUTION NEAR AN IDEALIZED CONTACT SPOT
ON DIFFUSION THEORY IN A GRAVITATIONAL FIELD
THE DIFFUSION OF CARBON IN NICKEL ABOVE AND BELOW THE CURIE TEMPERATURE
IONIC DIFFUSION IN SOLID METAL OXIDES FINAL REPORT OCT 1967
IONIC DIFFUSION AT THE ALUMINUM-ALUMINUM OXIDE INTERFACE
OXYGEN DIFFUSION
CURRENT DIFFUSION IN A SHOCK TUBE WITH VARYING MAGNETIC FIELD
THERMAL DIFFUSION OF ELECTROLYTES IN ORDINARY AND HEAVY WATER
THERMAL DIFFUSION AND STRUCTURAL ORDER IN LIQUIDS
FINANCED DIFFUSION IN GERMANIUM
CONVECTIVE DIFFUSION LIMITATIONS ON THE RATES OF CHEMICAL REACTIONS AT SOLID SURFACES--KINETIC IMPLICATIONS
THE ROLE OF DIFFUSION IN FORMING OXIDE SCALES
ANALYSIS OF DIFFUSION AND RECOMBINATION LOSSES IN THE NEGATIVE GLOW
MEASUREMENT OF DIFFUSION LENGTHS IN DIRECT-GAP SEMICONDUCTORS BY ELECTRON-BEAM EXCITATION
KINETIC THEORY OF DIFFUSION IN RAREFIED GASES
EFFECT OF PRESSURE ON THE DIFFUSION OF IRON IN TITANIUM TITANIUM PLUS TEN PERCENT IRON
SURFACE AND GRAIN-BOUNDARY DIFFUSION OF GOLD-COPPER
LONGITUDINAL AND TRANSVERSE DIFFUSION COEFFICIENTS OF MASS-IDENTIFIED N AND N2 POSITIVE IONS IN NITROGEN
SOME EXPERIMENTAL ASPECTS OF DIFFUSION IN METALS
MEASUREMENTS OF TURBULENCE AND DIFFUSION IN HIGH-ALTITUDE CHEMICAL CLOUDS FINAL REPORT JULY 1958

AFOSR67-0098
AFOSR67-0285
AFOSR67-1499
AFOSR67-2249
AFOSR68-0066
AFOSR68-0437
AFOSR68-1834
ARL 67-0183
ARL 67-0216
ARL 67-1154
ARL 67-1318
ARL 68-0056
ARL 68-0162
AFOSR67-1930
AFOSR67-2774
AFOSR67-2633
AFOSR68-0235
ARL 68-1189
AFOSR67-1906
ARL 67-0093
ARL 68-1218
AFCL68-0216
AFOSR67-2256
ARL 68-1160
ARL 68-1445
AFOSR67-1391
AFOSR67-0460
AFOSR67-1760
AFOSR67-0037
AFOSR68-2602
AFOSR67-1235
AFCL68-0342

DIFFUSION

- CONTINUED

ON THE NATURE OF SHORT-CIRCUIT DIFFUSION PATHS IN NICKEL OXIDE FILMS
THERMAL EQUILIBRIUM IN TURBULENT DIFFUSION FLAMES
SURFACE RECOMBINATION VELOCITIES AND DIFFUSION LENGTHS IN GAS
A COMPUTER CODE FOR RECOMBINATION AND DIFFUSION CONTROLLED SPHEROIDS
THE INTERNAL STRUCTURE OF HYDROGEN-AIR DIFFUSION FLAMES
OPTIMAL DISCONTINUOUS STOCHASTIC CONTROL FOR DIFFUSION PROCESSES
FREQUENCY DEPENDENT FICTION CONSTANT ANALYSIS OF DIFFUSION IN SIMPLE LIQUIDS
THE LUMINOUS CHARACTERISTICS OF CYANOGEN-OXYGEN-BORON TRICHLORIDE DIFFUSION FLAMES
SCANNING ELECTRON MICROSCOPE INVESTIGATION OF PLANAR DIFFUSED PN JUNCTION PROFILES NEAR THE EDGE OF A DIFFUSION MASK

AFOSR67-1885
AFOSR67-2814
AFOSR67-2843
AFOSR68-1899
AFOSR67-2848
AFOSR68-2140
AFOSR68-1964
ARL 68-0177
AFOSR68-1173

DIFFUSION-LIMITED

ENHANCEMENT OF DIFFUSION-LIMITED VAPORIZATION RATES BY CONDENSATION WITHIN THE THERMAL BOUNDARY LAYER I THE CRITICAL

AFOSR68-1207

DIFFUSIONAL

THE DIFFUSIONAL PROPERTIES OF OXYGEN IN NIOBIUM PENTOXIDE CRYSTALS AND SCALES FORMED ON NIOBIUM

AFOSR68-1168

DIFFUSIONAL-TYPE

DIFFUSIONAL-TYPE SUPERSONIC COMBUSTION AT LOW DENSITIES

ARL 67-1241

DIFFUSIVITY

LIMITING RELATION FOR THE ENDY DIFFUSIVITY CLOSE TO A WALL

AFOSR67-2115

DIPLUDRANINE

REACTIONS OF DIPLUDRANINE WITH LEWIS ACIDS

AFOSR67-1941

DIPLUORIDE

GEOMETRY OF MOLECULES III OXYGEN DIPLUORIDE LITHIUM OXIDE HYDROGEN HYPOFLUORITE LITHIUM HYDROXIDE
THE THERMAL DECOMPOSITION OF OXYGEN DIPLUORIDE IN A FLOW SYSTEM
A MASS SPECTROMETRIC STUDY OF THE BERYLLIUM OXIDE-BERYLLIUM DIPLUORIDE SYSTEMS AT HIGH TEMPERATURES
CONSTANT PRESSURE PLANE CALORIMETRY WITH FLUORINE II THE HEAT OF FORMATION OF OXYGEN DIPLUORIDE

AFOSR67-2448
AFOSR68-1354
AFOSR68-1293
AFOSR68-1507

DIGESTION

INTESTINAL DIGESTION AND ABSORPTION OF SUGARS AND PEPTIDES FINAL REPORT APRIL 1968

AFOSR68-1348

DIGITAL

DIGITAL TECHNIQUE FOR RECORDING TIME DEPENDENT SPECTRA BY TIME TO PULSE HEIGHT CONVERSION PART A FINAL REPORT APRIL
DIGITAL FREQUENCY MEASUREMENTS
DIGITAL MATCHED FILTERS FOR DETECTING GAUSSIAN SIGNALS IN GAUSSIAN NOISE
A DIGITAL AIRBORNE METEOROLOGICAL DATA COLLECTION SYSTEM
A DIGITAL COMPUTER FOR THE ELECTRONIC MUSIC STUDIO
DESIGN OF A DIGITAL SIMULATION OF THE POLAR PLANIMETER FOR CALCULATING AREAS OF ECHOES FROM RADAR WEATHER OBSERVATIONS
DISCRETE SYSTEMS AND DIGITAL COMPUTER CONTROL
DISCRETE ESTIMATION OF DIGITAL COMMUNICATION PROCESSES
OPTIMAL TUNING OF PROPORTIONAL DIGITAL CONTROLLERS
FULLY AUTOMATED NETWORK DESIGN BY DIGITAL COMPUTER PRELIMINARY CONSIDERATIONS
ROUND-OFF ERROR OF FLOATING-POINT DIGITAL FILTERS
SOME STUDIES IN GAME PLAYING WITH A DIGITAL COMPUTER
GENERAL SURVEY OF DESIGN AUTOMATION OF DIGITAL COMPUTERS
THE DESIGN OF A MORE COMPLEX BUILDING BLOCK FOR DIGITAL SYSTEMS
A SYSTEM FOR AUTOMATIC COLLECTION OF GEOMAGNETIC DATA IN DIGITAL FORM FINAL REPORT FEB 1967
A FORTRAN IV SUBPROGRAM FOR PLOTTING CURVES ON A CALCOMP 503 DIGITAL PLOTTER
SCADS A PROGRAMMING SYSTEM FOR THE SIMULATION OF COMBINED ANALOG DIGITAL SYSTEMS
ON THE FEASIBILITY AND OPTIMIZATION OF LINEAR FREQUENCY MODULATION IN DIGITAL SIGNALLING
A SYSTEM FOR AUTOMATIC COLLECTION AND PROCESSING OF GEOMAGNETIC DATA IN DIGITAL FORM

AFOSR67-2786
AFOSR68-0675
AFOSR68-1919
AFOSR67-0420
AFOSR68-0776
AFOSR68-0381
AFOSR67-1843
AFOSR68-2078
AFOSR68-2441
AFOSR68-2078
AFOSR68-2111
AFOSR67-0258
AFOSR67-2666
AFOSR67-0516
AFOSR67-0391
AFOSR67-0314
AFOSR67-2614
AFOSR68-1861
AFOSR68-2259

DIGITIZING

STUDY OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASURING RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT FEB 1968
DEVELOPMENT OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASUREMENTS RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT

AFOSR68-0107
AFOSR67-0815

DIHALOCARBENE

THE REACTION OF PHENYL/TRIHALOMETHYL/MERCURIALS WITH HEXAMETHYLOITIN THE FIRST CASE OF DIHALOCARBENE INSERTION INTO A

AFOSR67-1648

DIHALOMETHYL

HALOMETHYL-METAL COMPOUNDS VI PHENYL /DIHALOMETHYL/ MERCURY COMPOUNDS THEIR PREPARATION AND SOME CLEAVAGE REACTIONS

AFOSR67-0111

DIMEDRAL

DIMEDRAL OPTICAL RESONATORS AND PRISM BEAM-WAVEGUIDES

AFOSR67-0232

DIMYDRATE

ANTIFERROMAGNETISM IN DIURIDIUM MANGANOUS CHLORIDE DIMYDRATE
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF GUANINE HYDROCHLORIDE DIMYDRATE

AFOSR68-0051
AFOSR68-0163

DIMYDROGEN

ACCURATE CW MEASUREMENTS OF OPTICAL SECOND-HARMONIC GENERATION IN AMMONIUM DIMYDROGEN PHOSPHATE AND CALCITE

AFOSR67-1401

DIKETONATES

SOLVENT EXTRACTION OF VOLATILE DIVALENT METAL FLUORO-BATA- DIKETONATES

ARL 68-1448

DIKETONES

VOLATILE RARE EARTH: ZIRCONIUM AND HAFNIUM CHLORATES OF BETA -DIKETONES

ARL 67-1119

DILATOR

DOUBLE INNERVATION OF THE FELINE IRIS DILATOR

AFOSR67-2266

DILUTE

ELECTRON STATES IN DILUTE DISORDERED ALLOYS
MAGNETORESISTANCE OF DILUTE MAGNETIC ALLOYS
ELECTRICAL RESISTIVITY OF DILUTE PONI ALLOYS LOCAL EXCHANGE ENHANCEMENT EFFECTS

AFOSR68-1874
AFOSR68-1829
AFOSR68-0930

SPIN-UP OF LAMINAR FLOW IN A DILUTE MAGNETIC METAL ALLOY	AFOSR66-0584
STABILITY OF A DILUTE PLASMA FINAL REPORT JAN 1967	AFOSR67-0395
ON STABILITY OF A DILUTE ELECTRON PLASMA	AFOSR67-1903
STRUCTURAL ANALYSIS OF DILUTE MAGNETIC ALLOYS I S-D EXCHANGE MODEL	AFOSR68-1983
STRUCTURAL ANALYSIS OF DILUTE MAGNETIC ALLOYS II THE ANDERSON MODEL	AFOSR68-2452
THE TEMPERATURE DEPENDENCE OF DILUTE MAGNETIC ALLOYS	AFOSR68-0021
THE EFFECT OF TEMPERATURE ON DILUTE ALUMINUM-ZINC ALLOYS	AFOSR67-0435
IONIC VISCOSITY IN INFINITE DILUTE AQUEOUS SOLUTIONS	ARL 67-1001
DIFFUSION IN A MAGNETICALLY DILUTE SOLID	AFOSR68-0985
DIFFUSION IN A SPIN-COMPENSATED STATE IN DILUTE FE-CU ALLOYS	AFOSR67-1841
QUANTITATIVE ANALYSIS OF PRECIPITATES FROM DILUTE SOLUTIONS OF IRON IN MAGNESIUM OXIDE	AFOSR67-2756
ANOMALOUS CHANGE IN THE DEPENDENCE OF RESISTIVITY IN DILUTE MAGNETIC ALLOYS	AFOSR68-1749
MAGNETIC-FIELD DEPENDENCE OF THE HYPERFINE FIELD AT IRON IN DILUTE IRON-PALLADIUM ALLOYS	AFOSR68-1454
PHENOMENOLOGICAL THEORY OF THE RESISTIVITY AND SUSCEPTIBILITY OF DILUTE RHODIUM-IRON AND IRIUM-IRON ALLOYS	AFOSR67-2680
QUANTITATIVE ANALYSIS OF INTERACTION DUE TO LOCALIZED SPINS IN DILUTE ALLOYS AND RARE EARTH METALS	AFOSR68-1023
WARNINGS ON THE HYPERFINE OBSERVATION OF MAGNETIC SPIN STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS	AFOSR67-1754
DILUTION	
COLLISIONAL ENERGY TRANSFER IN THERMAL UNIMOLECULAR SYSTEMS DILUTION EFFECTS AND FALLOFF REGION	AFOSR68-2494
DIMENSION	
DIMENSION OF THE COSMIC RAY MODULATION REGION	AFOSR67-1011
BODY AND FIELD PERCEPTUAL DIMENSION AND ALTERED SENSORY ENVIRONMENTS	AFOSR67-0810
ON THE RELATION BETWEEN HAUSDORFF DIMENSION AND METRIC DIMENSION	AFOSR68-0427
HOLMORPHIC FUNCTIONS AND HAUSDORFF DIMENSION	AFOSR67-1369
ON THE RELATION BETWEEN HAUSDORFF DIMENSION AND METRIC DIMENSION	AFOSR68-0427
DIMENSIONAL	
QUASI-ONE DIMENSIONAL MAGNETO-DYNAMICS	ARL 68-1030
ON PRODUCTS OF FINITE DIMENSIONAL STOCHASTIC MATRICES	AFOSR68-0369
LINEAR HEAT TRANSFER TO A TWO DIMENSIONAL PLAT NOSED BODY IN TRANSONIC AND SUPERSONIC FLOW	ARL 68-0014
LAMINAR AND TRANSITIONAL HEAT TRANSFER IN THE TWO DIMENSIONAL SEPARATED FLOW BEHIND A SHARP PROTRUDING LEADING EDGE	ARL 68-0015
A QUASI-ANALYTIC APPROXIMATION FOR TURBULENT THREE-DIMENSIONAL JETS AND WAKES	AFOSR68-0981
THE VELOCITY, PRESSURE AND TEMPERATURE DISTRIBUTION IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO DIMENSIONAL	ARL 68-0155
DIMENSIONS	
DIMENSIONS OF VERBAL RACIAL ATTITUDES THEIR IDENTIFICATION AND MEASUREMENT	AFOSR68-0488
UNPERTURBED DIMENSIONS OF POLYCATENASULPHUR AND POLYCATENASELENIUM	AFOSR67-1206
WKB APPROXIMATION IN THREE DIMENSIONS	AFOSR67-2034
ON THE LINEARIZED HYDRODYNAMICAL EQUATIONS IN TWO DIMENSIONS	AFOSR68-2523
THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION IN HIGHER DIMENSIONS	AFOSR68-2227
ON THE STATIONARY SOLUTIONS OF THE NAVIER-STOKES EQUATIONS IN TWO DIMENSIONS	AFOSR68-2432
TREATMENT OF THE EFFECT OF EXCLUDED VOLUME AND ODECTION OF UNPERTURBED DIMENSIONS OF POLYMER CHAINS CONFIGURATIONAL	AFOSR67-0240
A NONLINEAR COMPUTER MODEL APPLICABLE TO LOW-FREQUENCY PLASMA INTERCHANGE MODES IN TWO DIMENSIONS	AFOSR68-0079
NOTES TOWARD THE CONSTRUCTION OF NONLINEAR RELATIVISTIC QUANTUM FIELDS I THE HAMILTONIAN IN TWO SPACE-TIME DIMENSIONS	AFOSR68-1386
DIMERIC	
ELECTRON SPIN RESONANCE STUDY OF MONO-ANNU DIMERIC CATIONS OF AROMATIC HYDROCARBONS	AFOSR68-0399
ORGANOMETALLIC SULFUR COMPLEXES VIII THE MOLECULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGE DIMERIC COMPLEX OF MOLYBDENUM	AFOSR67-2210
DIMERIZATION	
THE VAPOR PRESSURE VAPOR DIMERIZATION AND HEAT OF SUPLINATION OF ALUMINUM FLUORIDE USING THE ENTRAINMENT METHOD	AFOSR68-1762
DIMETHYL	
ELECTROCHEMISTRY IN DIMETHYL SULFOXIDE	AFOSR67-0331
DIMETHYLAMINE	
MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS I METAL CARBONYL COMPLEXES OF TRIS /DIMETHYLAMINO/ PHOSPHINE	AFOSR68-1712
DIMETHYLGOLD	
THE CRYSTAL AND MOLECULAR STRUCTURE AND THE SOLUTION CONFORMATION OF DIMETHYLGOLD /III/ HYDROXIDE AN INORGANIC	AFOSR68-2883
DIMETHYLMAGNESIUM	
THE CHEMISTRY OF CARBANIONS XIV FACTORS INFLUENCING THE RATE OF ADDITION OF DIMETHYLMAGNESIUM TO BENZOPHENONE	AFOSR68-2486
DIMETHYLSILYLAMINE	
INFRARED STUDIES OF DIMETHYLSILYLAMINE AND METHYLODISILYLAMINE BY THE MATRIX-ISOLATION TECHNIQUE	AFOSR67-2041
PENTACOORDINATE SILICON THE CRYSTAL STRUCTURE OF DIMETHYLSILYLAMINE PENTAMER	AFOSR68-0041
DIMINUTION	
PERMANENT INSOMNIA AND DIMINUTION OF CEREBRAL SEROTONIN BY LESION OF THE RAPHE SYSTEM IN THE CAT /FRANCH/	AFOSR67-2582
DINITROPHENOLS	
ACID-BASE PROPERTIES OF MONO-AND DINITROPHENOLS IN ACETONITRILE	AFOSR67-0725
DIOCTRON	
TWO NEW RESULTS IN CYLINDRICAL DIOCTRON THEORY	AFOSR68-0222
DIODE	
NONRECIPROCAL TUNNEL DIODE DISTRIBUTED AMPLIFIER	AFOSR67-1406
A GENERAL MATCHING THEORY AND ITS APPLICATION TO TUNNEL DIODE AMPLIFIERS	AFOSR67-0333
DIODES	
THIN-FILM MEMORY DIODES	AFOSR68-0488
TUNNELING CURRENTS VIA GOLD LEVELS IN GERMANIUM P-N JUNCTION DIODES	AFOSR67-1074
DIPHANETIC	
RESONANCE IN ERGODIC THEORY MINIMAL SETS AND A PROBLEM IN DIOPHANTINE APPROXIMATION	AFOSR67-0757

DIOXIDE

DETERMINATION OF CARBON DIOXIDE LINE PARAMETERS USING A CARBON DIOXIDE - NITROGEN-HELIUM LASER
 PASSIVE Q-SWITCHING OF A CARBON DIOXIDE LASER
 ELECTRICAL PROPERTIES OF CERIUM DIOXIDE AND TITANIUM DIOXIDE
 THE EXPLOSIVE DECOMPOSITION OF CHLORINE DIOXIDE
 FLUORESCENCE AND PHOSPHORESCENCE OF SULFUR DIOXIDE VAPOR
 IN CHEMILUMINESCENT RADIATION FROM NITROGEN DIOXIDE DURING PCA EVENTS
 ELECTRICAL PROPERTIES OF CERIUM DIOXIDE AND TITANIUM DIOXIDE
 THERMAL PRODUCTION OF A POPULATION INVERSION IN CARBON DIOXIDE
 GAS CHROMATOGRAPHIC SEPARATION OF CARBONYL FLUORIDE AND CARBON DIOXIDE
 DETERMINATION OF CARBON DIOXIDE LINE PARAMETERS USING A CARBON DIOXIDE - NITROGEN-HELIUM LASER
 COMPARISON BETWEEN EXPERIMENTAL AND CALCULATED SPECTRA OF CARBON DIOXIDE AND WATER VAPOR
 PREPARATION OF PHENYL-N-SULFINYLHYDRAZINES USING DIMETHYLFORMAMIDE-SULFUR DIOXIDE REAGENT
 LEAST-SQUARES ADJUSTMENT OF ANHARMONIC POTENTIAL CONSTANTS APPLICATION TO CARBON DIOXIDE CONTAINING ISOTOPES 12 AND 13
 SPECTRAL EMISSION CALCULATIONS BY THE STATISTICAL MODEL APPLIED TO THE 4.3 MICRONS BANDS OF CARBON DIOXIDE AT HIGH

AFOSR68-2119
 AFOSR64-1184
 ARL 67-1140
 AFOSR68-2408
 AFOSR68-2569
 AFOSR67-1179
 ARL 67-1140
 ARL 68-0167
 AFOSR68-0461
 AFOSR68-2119
 AFOSR68-0105
 AFOSR67-1185
 AFOSR68-0207
 AFOSR67-2612

DIPERCHLORATE

THE DEGRADATION OF HYDRAZINE DIPERCHLORATE

AFOSR67-1999

DIPHENYLPHOSPHINATES

STRUCTURAL EFFECTS ON THE COMPLEXING ABILITY OF ALKYL DIPHENYLPHOSPHINATES WITH MAGNESIUM IODIDE

AFOSR67-0751

DIPOLAR

PARAELECTRIC DIPOLAR EFFECTS IN SOLIDS
 PARAELECTRIC DIPOLAR EFFECTS IN SOLIDS

ARL 68-1359
 ARL 68-1361

DIPOLE

DIPOLE POLARIZABILITIES OF THE 2SUPER3SUB1 AND 2SSUB0 STATES OF HE AND LI PLUS
 DIPOLE MOMENTS IN RELATION TO CONFIGURATION OF POLYPEPTIDE CHAINS
 ON DIPOLE CRITERS IN ALKALI HALIDES
 THE DIPOLE MOMENT OF CARBON MONOSULFIDE
 ELECTRIC DIPOLE RADIATION IN ISOTROPIC AND UNIAXIAL PLASMAS
 INFINITE PHASED DIPOLE ARRAY
 THEORETICAL STUDY OF DIPOLE ARRAY OF N PARALLEL ELEMENTS
 NUMERICAL SOLUTION OF DIPOLE RADIATION IN A COMPRESSIBLE PLASMA
 PRECISION MEASUREMENT OF DIPOL MOMENTS AND OTHER SPECTRAL CONSTANTS OF NORMAL AND DEUTERATED METHYL FLUORIDE AND
 MICROWAVE SPECTRUM CONFIRMATION DIPOLE MOMENT AND BARRIER TO INTERNAL ROTATION IN METHYL VINYL ETHER
 DISPERSION RELATIONS OF PERIODIC AND LOG-PERIODIC DIPOLE ARRAYS WITH PARASITIC ELEMENTS
 FREQUENCY DEPENDENCE OF THE FIELD STRENGTH COMPONENTS OF A DIPOLE EMBEDDED IN A CONDUCTING MEDIUM
 MICROWAVE SPECTRUM VARIATION-ROTATION INTERACTION MOLECULAR STRUCTURE AND DIPOL MOMENT OF 1-METHYLPENTABORANE /?
 A COMPARISON BETWEEN A N-ELEMENTS CIRCULAR ARRAY AND AN ELECTRICALLY THICK TUBULAR DIPOL ANTENNA WITH EQUIVALENT
 DETERMINATION OF THE MEAN VALUES OF CONDUCTIVITY AND DIELECTRIC CONSTANT FROM THE FIELD STRUCTURE OF A MAGNETIC DIPOL

AFOSR67-0803
 AFOSR68-0665
 AFOSR68-1458
 AFOSR68-2650
 AFOSR68-1081
 AFOSR67-0653
 AFOSR67-0404
 AFOSR68-2122
 AFOSR67-0365
 AFOSR68-1758
 AFOSR67-0389
 AFOSR68-0174
 AFOSR68-2808
 AFOSR67-0258
 AFOSR67-0494

DIPOLE-QUADRUPOLE

ATOMIC DIPOLE-QUADRUPOLE DISPERSION FORCES

AFOSR68-0536

DIPOLARS

ARRAYS OF UNEQUAL AND UNEQUALLY SPACED DIPOLARS WITH APPLICATION TO THE LOG-PERIODIC ANTENNA
 CIRCULAR ANTENNA ARRAYS HAVING TANGENTIAL DIPOLARS AS ELEMENTS
 STUDY OF CIRCULAR ARRAYS OF RADIAL AND TANGENTIAL DIPOLARS
 STUDY OF CIRCULAR ARRAYS OF RADIAL AND TANGENTIAL DIPOLARS FINAL REPORT FEB 1968

AFOSR67-0036
 AFOSR68-0271
 AFOSR67-0206
 AFOSR68-0187

DIRAC

REFORMULATION OF THE DIRAC THEORY OF THE ELECTRON

AFOSR68-1281

DIRADICALS

2-OXO-1 3-ALKADIYL DIRADICALS DEMOLOGENATION OF ALPHA-ALPHA

AFOSR68-2904

DIRECT

DIRECT MEASUREMENT OF THE DEPLETION LAYER WIDTH VARIATION VS APPLIED BIAS FOR A P-N JUNCTION
 DIRECT AND CORE-POLARIZATION CONTRIBUTIONS TO THE KNIGHT SHIFT IN METALLIC ALUMINUM
 DIRECT EVIDENCE OF PERSISTENT CURRENT LOOPS IN HARD SUPERCONDUCTING WIRE
 DIRECT MEASUREMENT OF FIRST COLLISION EFFECTS IN RAREFIED HIGH SPEED FLOWS
 DIRECT ELECTRON EXCITATION CROSS SECTIONS PERTINENT TO THE ARGON ION LASER
 DIRECT OBSERVATION OF COLLISION BROADENING AND EFFECT OF RESONANT INTERACTIONS ON GAS-LASER TRANSITIONS
 DIRECT OBSERVATION OF MOLE-BURNING LORENTZ WIDTHS AND COLLISION BROADENING USING STIMULATED EMISSION TECHNIQUES
 DIRECT SPIN-PHONON INTERACTION IN SOLID HELIUM THREE
 DIRECT DETECTION OF F19 NUCLEAR ACOUSTIC RESONANCE IN ANTIPEIRO-MAGNETIC RMNF3
 DIRECT REACTION ANALYSIS OF THE BORON-OXYGEN /PROTON ALPHA/ BERYLLIUM-EIGHT REACTION
 DIRECT CONFIGURATIONAL CORRELATION OF SULFOXIDES AND PHOSPHINE OXIDES BY INTENSIVE MATCHING OF COTTON EFFECTS
 DIRECT REACTIONS AND THE SHELL MODEL
 THE DIRECT OBSERVATION OF INDIVIDUAL CRYSTALLINE DISLOCATIONS
 SEPARATION OF DIRECT AND COMPOUND EFFECTS BY POLARIZATION MEASUREMENTS
 STUDY OF A COMPUTER FOR DIRECT EXECUTION OF LIST PROCESSING LANGUAGE FINAL REPORT JAN 1968
 STRUCTURE OF LIQUIDS BY DIRECT CORRELATION FUNCTIONS OF LIQUID ARGON
 ON A FORMAL DEFINITION OF DIRECT MACHINE TOOL LANGUAGES
 USE OF POINT CONTACTS TO OBTAIN DIRECT EVIDENCE OF FLUX MOTION IN SUPERCONDUCTORS
 THE HEAT OF FORMATION OF BORON TRIFLUORIDE BY DIRECT COMBINATION OF THE ELEMENTS
 THE CLOSED LOOP CHARACTERISTICS OF AN AUTOMATIC DIRECT READOUT IMPEDANCE BRIDGE
 THE ROLE OF ELECTROFLUIDDYNAMICS IN THE FIELD OF DIRECT ENERGY CONVERSION
 THE DIFFERENCE FOURIER-TRANSFORM /DFT/ METHOD FOR DIRECT CRYSTAL-STRUCTURE DETERMINATION
 TRANSIENT STABILITY OF AN A C GENERATOR BY LYAPUNOV'S DIRECT METHOD
 A NEW SPECTRAPHOTOMETER FOR MEASURING ULTRAVIOLET SKY BRIGHTNESS AND DIRECT SOLAR RADIATION FINAL REPORT FEB 1967
 STRUCTURE OF LIQUIDS VI SOME CHARACTERISTICS OF FIRST- ORDER DENSITY EXPANSIONS OF RADIAL DISTRIBUTION DIRECT

AFOSR67-0344
 AFOSR67-0427
 AFOSR67-0043
 AFOSR67-2059
 AFOSR67-2617
 AFOSR67-2629
 AFOSR67-2663
 AFOSR68-0787
 AFOSR68-1521
 AFOSR68-2218
 AFOSR68-2233
 ARL 67-1177
 AFOSR67-1501
 AFOSR68-0903
 AFOSR68-0743
 AFOSR67-1182
 AFOSR68-1770
 AFOSR67-1770
 AFOSR67-2017
 AFOSR67-0180
 ARL 68-1368
 AFOSR67-2687
 AFOSR68-2095
 AFOSR67-0740
 AFOSR67-2753

DIRECT-COUPLED

INTEGRATED DIRECT-COUPLED CYCATOR

AFOSR67-1886

DIRECT-GAP

MEASUREMENT OF DIFFUSION LENGTHS IN DIRECT-GAP SEMICONDUCTORS BY ELECTRON-BEAM EXCITATION

AFOSR67-1291

DIRECT-INTERACTION

HOW GOOD IS THE DIRECT-INTERACTION APPROXIMATION IN TURBULENCE

ARL 68-1273

DIRECTED

DIRECTED EMISSION MODEL FOR QUASARS
SYNTAX DIRECTED INTERPRETATION OF NATURAL LANGUAGE
RESEARCH DIRECTED TOWARD THE STUDY OF INFRARED TRANSMISSION THROUGH VARIOUS ATMOSPHERES FINAL REPORT DEC 1966
RESEARCH DIRECTED TOWARD THE STUDY OF SEISMICITY IN THE SOUTHEASTERN UNITED STATES FINAL REPORT JAN 1967
RESEARCH DIRECTED TOWARD MEASUREMENT OF THE ENERGETIC CHARGED PARTICLE ENVIRONMENT IN NEAR-EARTH SPACE FINAL REPORT
RESEARCH DIRECTED TOWARD THE STUDY OF MOLECULAR BAND INTENSITIES AND DERIVED QUANTITIES FINAL REPORT MAY 1967
RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1967
RESEARCH DIRECTED TOWARD DETERMINATION OF RADIATIVE PROPERTIES AND COMPOSITION OF THE ATMOSPHERE FINAL REPORT APR 1967
RESEARCH DIRECTED TOWARD THE STUDY OF FAR INFRARED ABSORPTION CONTOURS FINAL REPORT JULY 1967
RESEARCH DIRECTED TOWARD THE STUDY OF IONIC AND NEUTRAL SPECIES IN THERMAL PLASMAS FINAL REPORT SEPT 1967
RESEARCH DIRECTED TOWARD THE ELECTRON MICROANALYSIS OF MINERAL PHASES IN CHONDRITE METEORITES FINAL REPORT SEPT 1967
RESEARCH DIRECTED TOWARD THE COLLECTION REDUCTION AND EVALUATION OF GEOMAGNETIC FIELD DATA FINAL REPORT JAN 1968
RESEARCH DIRECTED TOWARD THE DESIGN AND FABRICATION OF A SOLAR ATMOSPHERIC OILS AN EXPERIMENT FINAL REPORT MAR 1968
RESEARCH DIRECTED TOWARD UNDERSTANDING BEHAVIOR AND DETECTION OF PLASMAS IN MAGNETIC FIELD FINAL REPORT APR 1968
RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1968
RESEARCH DIRECTED TOWARD EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT AUG 1968
RESEARCH DIRECTED TOWARD THE STUDY OF CHEMICAL REACTIONS OF EXCITED ATMOSPHERIC SPECIES FINAL REPORT JUNE 1968
RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC
MODERN OPTICS DIRECTED TOWARD FLOW VISUALIZATION APPLICATIONS
DESIGN AND IMPLEMENTATION OF FLIP A LISP FORMAT DIRECTED LIST PROCESSOR
SOME DESIGN PROBLEMS ASSOCIATED WITH WEIGHTED DIRECTED GRAPHS
MAGNETOELASTIC PARALLEL-PUMP INSTABILITIES FOR GENERALLY DIRECTED WAVES
AFOSR66-0791
AFOSR67-1758
AFOSR67-0007
AFOSR67-0069
AFOSR67-0231
AFOSR67-0306
AFOSR67-0346
AFOSR67-0386
AFOSR67-0482
AFOSR67-0500
AFOSR67-0599
AFOSR68-0014
AFOSR68-0177
AFOSR68-0210
AFOSR68-0316
AFOSR68-0449
AFOSR68-0486
AFOSR68-0553
ARL 67-1225
AFOSR67-0514
AFOSR68-2016
AFOSR67-0663

DIRECTION
AUDITORY DIRECTION AND HEAD ROTATION
APPROXIMATE ROUGH SLIP VECTOR DIRECTION DETERMINATION FOR IBERIAN NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE FROM
REPRESENTATION OF THE THREE-DIMENSIONAL ROTATION GROUP IN TERMS OF DIRECTION AND ANGLE OF ROTATION
AFOSR67-1919
AFOSR68-1434
ARL 6H-0224

DIRECTION-FINDING
ERRORS IN AUDITORY DIRECTION-FINDING AFTER COMPENSATION FOR VISUAL RE-ARRANGEMENT
AFOSR67-2749

DIRECTIONAL
A FAST OPTICAL CEREEN-ON SYSTEM FOR DIRECTIONAL STUDIES OF POSSIBLE GAMMA-RAY SOURCES
AFOSR68-2723

DIRECTIONS
ON REPRESENTATIONS AND MODELING IN PROBLEM SOLVING AND ON FUTURE DIRECTIONS FOR INTELLIGENT SYSTEMS
SUPPLEMENT TO 1959 INSTRUCTION MANUAL NO 10 COSMIC RAY TABLES ASYMPTOTIC DIRECTIONS VARIATIONAL COEFFICIENTS AND CUTOFF
AFOSR68-1580
AFOSR68-0030

DIRECTIVE
MAXIMIZATION OF DIRECTIVE GAIN FOR CIRCULAR AND ELLIPTICAL ARRAYS
AFOSR67-0402

DIRECTIVITY
ON THE DIRECTIVITY OF SETS OF ELECTROMAGNETIC RADIATION SOURCES I. GENERAL RESULTS FOR SETS OF IDENTICAL ISOTROPIC
AFOSR67-0152

DIRICHLET
THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION WITH INFINITE DATA
THE DIRICHLET PROBLEM FOR NON-UNIFORMLY ELLIPTIC EQUATIONS
THE DIRICHLET PROBLEM FOR QUASILINEAR EQUATIONS WITH MANY INDEPENDENT VARIABLES
THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION IN HIGHER DIMENSIONS
INTERPOLATION OF THE DIRICHLET DIVISOR PROBLEM
TRANSLATION-INVARIANT DIRICHLET ALGEBRAS ON COMPACT GROUPS
BOUNDS ON THE VALUE OF A DIRICHLET INTEGRAL REPRESENTING A COEFFICIENT OF APPARENT MASS
VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE III: THE DIRICHLET PROBLEM WITH INFINITE DATA
AFOSR68-0251
AFOSR68-0731
AFOSR68-1849
AFOSR68-2227
AFOSR68-2228
AFOSR67-0223
ARL 67-1276
AFOSR68-2243

DISTURBANCE
ANTIREFLECTIVITY IN DIURIDEUM MANGANESE CHLORIDE DIOXYDRATE
AFOSR68-0051

DISALIGNMENT
CELLULAR DISALIGNMENT OF MAGNETICALLY ORIENTED SUPER 2P ALKALI ATOMS
AFOSR68-1123

DISASTER
THE DISASTER RESEARCH CENTER SIMULATION STUDIES OF UNDER STRESS FINAL REPORT FEB 1967
AFOSR68-0751

DISC
NOTE ON DIFFRACTION BY A DISC
A CHARACTERIZATION OF THE SET OF ASYMPTOTIC VALUES OF A FUNCTION MONOTONIC IN THE UNIT DISC
AFOSR68-0013
AFOSR68-2853

DISCHARGE
DISCHARGE PROCESSES IN GAS LASERS
MINI-TYPE DISCHARGE EXPERIMENTS
A STUDY OF ARC DISCHARGE SHAPES IN A TRANSVERSE MAGNETIC FIELD
CHARGE GENERATION BY CORONA DISCHARGE IN ELECTROLYTODYNAMIC ENERGY CONVERSION PROCESSES
PRODUCTIVITY IN THE ALUMINUM DISCHARGE FINAL REPORT NOV 1967
FLOW VISUALIZATION USING GLUO DISCHARGE AT HYPERSONIC MACH NUMBERS
WAVES OF IONIZATION IN A CORONA DISCHARGE
MICROWAVE LOSS IN A REFLEX PLASMA DISCHARGE
WAVES OF IONIZATION IN A NEON DISCHARGE
ARC STRUCTURE IN A MAGNETIC ANNUAL DISCHARGE
PLASMA ACCELERATION IN AN ELECTRICAL DISCHARGE BY THE SELF-INDUCED MAGNETIC FIELD
SPECTROGRAPHIC MEASUREMENTS ON AN ARC DISCHARGE
INTERACTION OF AN HIGH CURRENT ELECTRICAL DISCHARGE WITH ITS SELF-INDUCED MAGNETIC FIELD IN THE PRESENCE OF GAS FLOW
SPATIAL INHOMOGENEITIES IN THE PULSED GLUO DISCHARGE
EXPERIMENTAL INVESTIGATION OF ELECTRODELESS DISCHARGE LAMPS AS EXCITATION SOURCES FOR ATOMIC FLUORESCENCE FLAME
DYNAMICS OF RETICULAR AND LIMBIC POST STIMULUS DISCHARGE
MEASUREMENTS OF PLASMA ROTATION IN A HOLLOW CATHODE DISCHARGE
THE INFLUENCE OF A D.C. CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND
THE INFLUENCE OF A D.C. CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND
EFFECTS OF STEADY DIFFUSE ILLUMINATION ON RATE OF UNITARY TONIC DISCHARGE IN THE CENTRAL VISUAL PATHWAYS OF THE
FORMATION OF EXCITED MOLECULAR STATES IN THE POSITIVE COLUMN OF A HELIUM DISCHARGE
RELATIONS BETWEEN GASES WITH AN UPSTREAM PRE-IONIZING DISCHARGE
RELATIONS BETWEEN GASES WITH AN UPSTREAM PRE-IONIZING DISCHARGE
CONSTRUCTION OF SLOTTED DISCHARGE MECHANICAL VELOCITY SELECTORS USING ELECTRIC DISCHARGE MACHINING
ARL 58-1138
AFOSR68-0083
ARL 67-1195
ARL 67-1073
AFOSR67-2742
ARL 68-1048
ARL 67-0127
AFOSR68-0001
ARL 68-0175
AFOSR67-2049
ARL 67-0245
AFOSR67-1177
ARL 67-0007
ARL 67-0042
AFOSR68-1803
AFOSR68-0479
ARL 67-1101
AFOSR67-0033
AFOSR68-0017
AFOSR68-2790
AFOSR67-0532
ARL 68-1020
AFOSR67-2540
AFOSR67-2244

DISCHARGES

ELECTRIC ARC DISCHARGES IN TRANSVERSE MAGNETIC FIELDS - PART I FINAL REPORT JUNE 1967	ARL 67-0119
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES III THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH OXYGEN	AFOSR67-0665
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES II THE STRUCTURE OF THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH ANOMALOUS PLASMA TRANSPORT IN RF DISCHARGES	AFOSR67-0671
STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING WIRES FINAL REPORT ON ANOMALOUS PLASMA TRANSPORT IN RF DISCHARGES	AFOSR67-1595
DISTRIBUTION OF ENERGY IN ELECTRICAL DISCHARGES FINAL REPORT JULY 1967	AFOSR67-1576
NOISE EMISSION OF ELECTRODELESS RING DISCHARGES WITH STATIC MAGNETIC FIELD	AFOSR67-1175
BREAKDOWN MECHANISMS FOR LASER-INDUCED DISCHARGES IN SUPER-HIGH PRESSURE GASES	AFOSR67-1793
LASER OSCILLATION IN ATOMIC CL IN HCL GAS DISCHARGES	ARL 66-1139
MICROWAVE STUDIES OF IONIZATION PHENOMENA IN GASEOUS DISCHARGES FINAL REPORT MARCH 1967	AFOSR67-2897
MICROWAVE OPTICAL INTERFEROMETRY OF LASER INDUCED DISCHARGES IN HIGH PRESSURE GASES	AFOSR67-1124
CURRENT MEASUREMENTS IN HIGH-VOLTAGE RADIO FREQUENCY PLASMA DISCHARGES	AFOSR67-1112
INVESTIGATIONS OF NITROGEN RING SYSTEMS PROMINENT IN ELECTRIC DISCHARGES FINAL REPORT MAR 1968	AFOSR67-1370
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES III THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH OXYGEN	AFOSR67-0623
INVESTIGATION OF ERRORS IN MEASURING MAGNETIC FIELDS IN HIGH TEMPERATURE PLASMA DISCHARGES	AFOSR67-0665
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL II-AN INVESTIGATION OF THE VARIOUS PLASMA DISCHARGES SURROUNDING A	ARL 66-1136
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES II THE STRUCTURE OF THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH PULSE TECHNIQUE FEASIBILITY STUDY ON MULTIMEGAWATT RF GAS HEATERS AND RESEARCH ON ELECTRODELESS DISCHARGES AT HIGH	AFOSR67-0671
	ARL 66-1182
DISCONJUGATE	
DISCONJUGATE N-TH ORDER DIFFERENTIAL EQUATIONS AND PRINCIPAL SOLUTIONS	AFOSR68-0445
ON DISCONJUGATE DIFFERENTIAL EQUATIONS	AFOSR68-2564
DISCONTINUOUS	
STABILITY OF HELMHOLTZ PLASMA FLOW IN A DISCONTINUOUS MAGNETIC FIELD	AFOSR67-2080
DISCONTINUITIES	
DISCONTINUITIES IN NONIDEAL MAGNETOGASDYNAMICS	AFOSR68-1526
GROWTH AND DECAY OF DISCONTINUITIES IN FLUIDS WITH INTERNAL STATE VARIABLES	AFOSR67-2674
PRELIMINARY DEPTH CONTOUR MAPS FOR THE CONRAD AND MONO DISCONTINUITIES IN EUROPE	AFOSR67-0492
SUBSONIC OSCILLATORY OR STEADY AIRLOADS ON WINGS WITH CONTROL SURFACES AND OTHER DISCONTINUITIES	AFOSR68-0419
DISCONTINUITY	
DISCONTINUITY RELATIONS AND SHOCK POLARS FOR CONSERVATION EQUATIONS WITH APPLICATION TO MAGNETOGASDYNAMICS	AFOSR67-2438
SOLUTION OF THE DISCONTINUITY PROBLEM BETWEEN AN EMPTY RECTANGULAR WAVEGUIDE AND THE SAME GUIDE COMPLETELY FILLED WITH	AFOSR67-0507
DISCONTINUOUS	
DISCONTINUOUS YIELDING OF COMMERCIAL-PURE ALUMINUM	AFOSR67-1003
DISCONTINUOUS VECTOR FIELDS AND FEEDBACK CONTROL	AFOSR67-1926
DISCONTINUOUS YIELDING OF METASTABLE AUSTENITIC STAINLESS STEEL	AFOSR67-2310
DISCONTINUOUS MAGNETOFLUIDDYNAMICS A SIMPLY LIQUID SIMULATION	AFOSR68-1935
REPEATED DISCONTINUOUS YIELDING OF 2024 ALUMINUM ALLOY	AFOSR68-1936
AN EXAMPLE OF EXTREMAL DISCONTINUOUS SOLUTION OF A VARIATIONAL PROBLEM OF ELLIPTIC TYPE	AFOSR68-1149
MORPHOLOGICAL CHANGES IN DISCONTINUOUS GOLD FILMS FOLLOWING DEPOSITION	AFOSR68-0915
THE MECHANICS OF REPEATED DISCONTINUOUS YIELDING OF METALS	AFOSR67-1159
THE MECHANICS OF REPEATED DISCONTINUOUS YIELDING OF METALS	AFOSR68-0628
UNIFORM ASYMPTOTIC SOLUTIONS OF DISCONTINUOUS INITIAL VALUE PROBLEMS FOR DISPERSIVE HYPERBOLIC EQUATIONS	AFOSR67-1249
DIFFUSION MEASUREMENTS INVOLVING DISCONTINUOUS INTERFACIAL CONTACT	ARL 67-0078
SELF-DIFFUSION OF RADIOACTIVE TRACERS ACROSS DISCONTINUOUS SURFACES	ARL 68-1334
DISCORDANCE	
COMPENSATION FOR AUDITORY RE-ARRANGEMENT FOLLOWING EXPOSURE TO AUDITORY-TACTILE DISCORDANCE	AFOSR68-0316
DISCOUNTED	
OPTIMAL DISCOUNTED STOCHASTIC CONTROL FOR DIFFUSION PROCESSES	AFOSR68-0160
DISCOVERIES	
SOME OF THE LATEST DISCOVERIES IN II-VI LASERS AND THEIR POTENTIAL APPLICATION IN SUCH AREAS AS LOW INTENSITY RADAR	ARL 67-1313
DISCOVERING	
A COMPUTER PROGRAM FOR DISCOVERING AND PROVING SEQUENTIAL RECOGNITION RULES FOR WELL-FORMED FORMULAS DEFINED BY A	AFOSR67-0759
DISCOVERY	
LOGIC OF DISCOVERY FINAL REPORT JULY 1969	AFOSR68-2796
DISCREPANCIES	
CLARIFICATION OF DISCREPANCIES IN THE CHARACTERIZATION OF LANTHANUM SERIES COMPLEXES OF 2,2,6,6-TETRAMETHYL-3,5-	ARL 67-0213
DISCRETE	
DISCRETE LINEAR OPTIMAL CONTROL SYSTEMS WITH ESSENTIALLY QUADRATIC COST FUNCTIONALS	AFOSR67-0296
DISCRETE SERIES FOR THE UNIVERSAL COVERING GROUP OF THE 3 PLUS 2 OF SITTER GROUP	AFOSR67-1620
DISCRETE SYSTEMS AND DIGITAL COMPUTER CONTROL	AFOSR67-1893
DISCRETE ESTIMATION OF DIGITAL COMMUNICATION PROCESSES	AFOSR68-2028
DISCRETE SYSTEM THEORY AND RECONTROL SYSTEM FINAL REPORT AUG 1968	AFOSR68-2310
LINEAR DISCRETE OPTIMAL SYSTEMS WITH SIDE CONSTRAINTS	AFOSR67-1777
A STUDY OF DISCRETE PROPAGATION-BASED MODELS FOR PICTORIAL PATTERN ANALYSIS FINAL REPORT JUNE 1967	AFOSR67-0447
A THEORY OF DISCRETE VLF EMISSIONS FROM THE MAGNETOSPHERE	AFOSR68-1605
A NUMERICAL DISCRETE SYSTEM EQUIVALENCE OF INTEGRAL PULSE FREQUENCY MODULATION SYSTEMS	AFOSR68-2323
SENSITIVITY OF DISCRETE SYSTEMS TO VARIATION OF SAMPLING INTERVAL	AFOSR67-0483
STABILITY REGION OF DISCRETE VARIABLE METHODS FOR ORDINARY DIFFERENTIAL EQUATIONS	AFOSR67-2329
INFORMATION CAPACITY OF DISCRETE MOTOR RESPONSES UNDER DIFFERENT COGNITIVE SETS	AFOSR67-1823
SENSITIVITY ANALYSIS OF DISCRETE FILTERING AND SMOOTHING ALGORITHMS	AFOSR68-2045
HIGH RESOLUTION STUDIES OF DISCRETE NOISE SOURCES	AFOSR68-1925
OPTIMIZATION OF PERFORMANCE INDICES IN DISCRETE ARRAY SYSTEMS FINAL REPORT NOV 1967	AFOSR67-0650
A REMARK ON HOW LEFT-CONVERGE FOR A DISCRETE CHANNEL	AFOSR68-2346
INPUT REJECTION FOR PARAMETER IDENTIFICATION IN DISCRETE SYSTEMS	AFOSR68-0365
LOWER BOUNDS TO ERROR PROBABILITY FOR CODING ON DISCRETE MEMORYLESS CHANNELS II	AFOSR68-0310
WILCOX CONFIDENCE INTERVAL FOR LOCATION PARAMETERS IN THE DISCRETE CASE	AFOSR67-1409
BOUNDARY-INPUT BOUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DISCRETE CONTROL SYSTEMS	AFOSR68-2454
THE ALL-ORTHOGONAL SCATTERING OF BROAD BANDWIDTH RANDOM SIGNALS BY A DISCRETE TARGET	AFOSR67-3002
AN APPROXIMATION TO BOUNDED PHASE COORDINATE CONTROL PROBLEM FOR LINEAR DISCRETE SYSTEMS	AFOSR67-1457

DISCRETE-TIME	
OPTIMIZATION OF DISCRETE-TIME SYSTEMS WITH COMBINED MODULATION	AFOSR68-2694
OPTIMAL CONTROL OF DISCRETE-TIME STOCHASTIC SYSTEMS	AFOSR67-0366
ANALYSIS AND SYNTHESIS OF DISCRETE-TIME SYSTEMS WITH CONTROL SIGNALS OF VARIABLE AMPLITUDE AND PULSE-WIDTH	AFOSR67-1487
DISCRETIZATION	
DISCRETIZATION SCHEMES AND THE OPTIMAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS	AFOSR68-2030
DISCRETIZATIONS	
INSTABILITY AND NON-MONOTONICITY PHENOMENA IN DISCRETIZATIONS TO BOUNDARY-VALUE PROBLEMS	AFOSR68-2608
DISCRIMINABILITY	
DISCRIMINABILITY OF STIMULI VARYING IN PHYSICAL AND RETINAL ORIENTATION	AFOSR67-2007
DISCRIMINANT	
ASYMPTOTICALLY OPTIMAL DISCRIMINANT FUNCTIONS FOR PATTERN RECOGNITION	AFOSR68-0381
DISCRIMINATING	
DISCRIMINATING AMONG STATES OF CONSCIOUSNESS BY EEG MEASUREMENTS A STUDY OF FOUR SUBJECTS	AFOSR68-0487
DISCRIMINATION	
MINIMUM DISCRIMINATION INFORMATION ESTIMATION	AFOSR68-2277
WAVE-LENGTH DISCRIMINATION IN INSECTS A RECEPTOR CLASSES IN THE COMPOUND EYE OF THE BACKSWIMMER NOTONECTA B SPECTRAL	AFOSR67-0714
A LOWER BOUND FOR DISCRIMINATION INFORMATION IN TERMS OF VARIATION	AFOSR67-1250
MECHANISMS OF COLOR DISCRIMINATION A BEHAVIORAL ANALYSIS FINAL REPORT JAN 1967	AFOSR67-2140
INFLUENCE OF MEMORY FACTORS ON SENSORY DISCRIMINATION FINAL REPORT JULY 1968	AFOSR68-1655
PARALLEL VERSUS SERIAL PROCESSES IN MULTIDIMENSIONAL STIMULUS DISCRIMINATION	AFOSR67-1805
DISCRIMINATORS	
ERROR PROBABILITIES IN PCM/FM WITH PHASE-LOCK LOOP DISCRIMINATORS	AFOSR67-0430
DISCS	
LOW FREQUENCY SCATTERING BY SPHEROIDS AND DISCS	AFOSR67-0360
DISCUSSION	
DISCUSSION OF PAPER BY H E RASSBACH A J DESSLER AND A G W CAMERON THE LUNAR PERIOD THE SOLAR PERIOD AND K SUB P	AFOSR67-0202
DISCUSSION ON A CHAMBER TO MEASURE ION NUMBER DENSITIES UNDER LOW PRESSURE AND SUPERSONIC SPEED	AFOSR68-0199
DISCUSSION OF CADMIUM 2 PLUS IONS IN SINGLE-CRYSTAL SODIUM CHLORIDE	AFOSR68-1135
DISCUSSION OF OBSERVATIONS OF QUASI-STELLAR RADIO SOURCES RADIO GALAXIES AND SUPERNOVA REMNANTS	AFOSR68-1751
DISCUSSION OF AGGRESSION DEFENSE AND NEUROMIMICRY - PAPER BY ALAN B ROTHBALLER PROCEEDINGS OF THE FIFTH CONFERENCE ON	AFOSR68-1877
DISCUSSION OF MOLECULAR ORBITAL AND BAND-THEORY CALCULATIONS	ARL 68-1406
SOME DISCUSSION AND EXTENSION OF HANFRED BIERWISCHS WORK ON GERMAN ADJECTIVALS	AFOSR68-0055
INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE PART II DISCUSSION AND EVALUATION OF VELOCITY CONSTANTS	AFOSR67-0586
DISCUSSIONS	
THEORETICAL DISCUSSIONS CONCERNING DEGENERACY	AFOSR67-2709
DISOROMETER	
LASER FOG DISOROMETER SYSTEM FINAL REPORT JUNE 1967	AFOSR67-0399
FEASIBILITY STUDY FOR AIRBORNE ICE-CRYSTAL DISOROMETER FINAL REPORT SEPT 1968	AFOSR68-0519
DISEASES	
A MATHEMATICAL MODEL FOR DESCRIBING THE COMPATIBILITY OF INFECTIOUS DISEASES	AFOSR67-1466
DISEMINER	
DISEMINER A DISTRIBUTIONAL-SEMANTICS INFERENCE MAKER	AFOSR67-0255
DISHONEST	
A DISHONEST APPROACH TO CERTAIN STOCHASTIC EIGENVALUE PROBLEMS	AFOSR67-1692
DISHPAN	
RESEARCH DIRECTED TOWARD THE DESIGN AND FABRICATION OF A SOLAR ATMOSPHERIC DISHPAN EXPERIMENT FINAL REPORT MAR 1968	AFOSR68-0177
DISILICATE	
COMPETITIVE TRAPPING IN SODIUM DISILICATE GLASSES DOPED WITH TRIVALENT EUROPIUM	AFOSR67-0012
DISINTEGRATION	
COVARIANT THEORY OF THE DISINTEGRATION OF THE DEUTERON BY PIONS AND PHOTONS AT HIGH ENERGY	AFOSR68-1363
DISJOINTNESS	
DISJOINTNESS IN ERGODIC THEORY MINIMAL SETS AND A PROBLEM IN DIOPHANTINE APPROXIMATION	AFOSR67-0757
DISK	
THE DISK GENERATOR	ARL 68-1021
STUDIES ON AN INERT GAS DISK HALL GENERATOR DRIVEN IN A SHOCK TUNNEL	ARL 67-1235
STUDIES ON AN INERT GAS DISK HALL GENERATOR WITH AN UPSTREAM PRE-IONIZING DISCHARGE	ARL 68-1020
HIGH HALL COEFFICIENT EXPERIMENTS IN A LARGE DISK GENERATOR	ARL 68-1192
POLYNOMIAL APPROXIMATION OF FUNCTIONS ANALYTIC IN A DISK	AFOSR67-0561
COLOR ANOMALIES AND METAL DEFICIENCIES IN SOLAR-TYPE DISK- POPULATION STARS	AFOSR67-0034
DISKS	
CONSTRUCTION OF SLOTTED DISKS FOR MECHANICAL VELOCITY SELECTORS USING ELECTRIC DISCHARGE MACHINING	AFOSR67-2264
AERODYNAMICS OF OSCILLATING DISKS AND A RIGHT-CIRCULAR CYLINDER	ARL 67-0084
CONJECTURE CONCERNING AN ASYMPTOTIC MODIFICATION OF THE VON-NEUMANN-GREEN EQUATION FOR FLUIDS OF RIGID SPHERES AND DISKS	AFOSR68-0785

DISLOCATION

DISLOCATION DISTRIBUTION IN DEFORMED SILVER SINGLE CRYSTALS
DISLOCATION VELOCITIES IN A TWO-DIMENSIONAL MODEL
DISLOCATION DYNAMICS IN STRESS RELAXATION
SURFACE DISLOCATION SOURCES AND PLASTIC FLOW IN SILVER MONOCRYSTALS
ONE-DIMENSIONAL ATOMIC MODEL FOR A DISLOCATION LINE
STRESS AND DILATATION FIELDS OF THE 1111/2 DISLOCATION IN CUBIC CRYSTALS
STRAIN ENERGY AND METASTABILITY OF 3-DIMENSIONAL DISLOCATION ARRAYS FINAL REPORT AUG 1968

AFOSR67-0968
AFOSR67-1251
ARL 68-1165
AFOSR67-1493
AFOSR67-1905
AFOSR67-2656
AFOSR68-2462

DISLOCATIONS

ON THE POSSIBLE ROLE OF DISLOCATIONS IN GENERATING ORDERED AND DISORDERED SHEAR STRUCTURES
SOME ELECTRICAL AND OPTICAL EFFECTS OF DISLOCATIONS IN SEMICONDUCTORS
THE DIRECT OBSERVATION OF INDIVIDUAL CRYSTALLINE DISLOCATIONS

AFOSR67-2710
AFOSR68-0386
AFOSR67-1501

DISORDER

DISORDER IN CRYSTALS

AFOSR67-2125

DISORDERED

ELECTRON STATES IN DILUTE DISORDERED ALLOYS
ON THE SIGNIFICANCE OF TWO NEW PATTERSON FUNCTIONS FOR DISORDERED CRYSTALS
OPTICAL MODEL CALCULATION OF THE ELECTRONIC STATES OF MIXED DISORDERED SYSTEMS
ON THE POSSIBLE ROLE OF DISLOCATIONS IN GENERATING ORDERED AND DISORDERED SHEAR STRUCTURES

AFOSR68-1825
AFOSR67-2499
AFOSR68-2391
AFOSR67-2710

DISPARITIES

MASKING-LEVEL DIFFERENCES WITH AND WITHOUT INTERAURAL DISPARITIES IN MASKER INTENSITY

AFOSR68-2677

DISPERSED

DISPERSED PARTICLE BEHAVIOR IN Ni-NICKEL ALLOY
QUANTITATIVE STUDY OF DISPERSED PARTICLE STATISTICS WITH TRANSMISSION ELECTRON MICROSCOPY

AFOSR67-1577
AFOSR68-2658

DISPERSION

DISPERSION RELATIONS OF PERIODIC AND LOG-PERIODIC DIPOLE ARRAYS WITH PARASITIC ELEMENTS
DISPERSION RELATIONS AND HIGHER SYMMETRIES
DISPERSION CORRECTIONS TO THE LEVELS OF NUCLEAR ATOMS
DISPERSION RELATIONS IN TIME-SPACE PERIODIC MEDIA PART II-UNSTABLE INTERACTIONS
DISPERSION RELATIONS IN HIGH ENERGY PHYSICS FINAL REPORT OCT 1967
DISPERSION OF TIME-HARMONIC WAVES IN A LAMINATED PLATE
DISPERSION EFFECTS IN A HIGH GAIN 3.100 Mc-NE LASER APPLICATION TO THE LASER HETERODYNE MEASUREMENT OF PLASMA DENSITY
THE DISPERSION FOR NONLINEAR RELATIVISTIC EQUATIONS WITH PARTIAL DERIVATIVES /FRENCH/
SINUSOIDAL DISPERSION RELATIONS AND THE AXIAL-VECTOR COUPLING CONSTANT
SPIN WAVES DISPERSION AND ENERGY BANDS IN FCC METALS
A REVIEW OF DISPERSION RELATIONS FOR LOW FREQUENCY WAVES IN QUIESCENT MAGNETO PLASMAS FINAL REPORT MARCH 1967
NEAR SURFACE DISPERSION STUDIES AT YONTO FOREST SEISMOLOGICAL OBSERVATORY
STUDY OF PULSE DISPERSION IN PLASMA FINAL REPORT DEC 1966
GROUP VELOCITY DISPERSION DUE TO PULSE REFLECTION FROM A FREQUENCY-DEPENDENT BOUNDARY IMPEDANCE
SUBTRACTIONS IN DISPERSION RELATIONS
ROLE OF EXCITON DISPERSION AND EXCITON-MAGNON INTERACTIONS ON THE SHAPE OF MAGNON SIDEBANDS IN STRESSED MANGANESE
BAND STRUCTURE AND DISPERSION RELATIONS IN II-VI COMPOUNDS
VAN DER WAALS FORCE DISPERSION THEORY AND SINGULARITIES ON SECOND RIEMANN SHEETS
LOW-ENERGY THEOREMS DISPERSION RELATIONS AND SUPERCONVERGENCE SUM RULES FOR COMPTON SCATTERING
EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM CDS PLATELETS
EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM CDS PLATELETS
ULTRASONIC VELOCITY AND DISPERSION IN LIQUID HELIUM II FROM 0.15 TO 1.8 DEGREES K
ATOMIC DIPOLE-QUADRUPOLE DISPERSION FORCES
MODEL POTENTIALS AND THE DISPERSION LAW IN SOLID KRYPTON
THE EFFECT OF A VELOCITY DISPERSION OF THE PRIMARY PARTICLES ON AURORAL LIGHT AND X-RAY PULSATIONS
WARD IDENTITIES UNSUBTRACTED DISPERSION RELATIONS AND FEYNMAN GRAPHS
A BROADBAND NUCLEAR RESONANCE DISPERSION DETECTOR
TOMASCH EFFECT AS A PROBE OF THE DISPERSION RELATION OF ELECTRONS IN GAPLESS SUPERCONDUCTORS
A DISMANTLING TECHNIQUE FOR STUDYING DISPERSION IN LONGITUDINALLY MAGNETIZED PLASMA GUIDES
EXPERIMENTAL VERIFICATION OF LANDAU'S DISPERSION RELATION
OBSERVATION OF NUCLEAR-ACOUSTIC-RESONANCE DISPERSION
ABSOLUTE CONFIGURATION AND OPTICAL ROTATORY DISPERSION OF METHYL ALKYL SULFOXIDES
TEMPERATURE DEPENDENT STUDY OF THE DIELECTRIC DISPERSION OF A VARIETY OF INORGANIC SOLIDS FINAL REPORT SEPT 1968
THE CALCULATION OF PARAMETERS OF THE MOFFITT EQUATION FOR ROTATORY DISPERSION DATA
CONFIGURATIONAL CORRELATION OF PHOSPHINATES BY NUCLEAR MAGNETIC RESONANCE AND OPTICAL ROTATORY DISPERSION

AFOSR67-0389
AFOSR67-0585
AFOSR67-2824
AFOSR68-0220
AFOSR68-0519
AFOSR68-1387
ARL 68-0135
AFOSR68-1386
AFOSR67-1711
AFOSR68-0965
ARL 67-0055
AFOSR67-2090
AFOSR67-0159
AFOSR67-1762
AFOSR67-2019
AFOSR68-1453
ARL 67-0285
AFOSR67-2703
AFOSR68-1261
ARL 68-0304
ARL 68-1362
AFOSR67-2071
AFOSR68-0516
AFOSR67-1763
AFOSR68-2758
AFOSR67-2457
AFOSR68-0962
AFOSR67-0039
AFOSR67-0827
ARL 68-1062
AFOSR68-1816
AFOSR68-1770
AFOSR68-0561
AFOSR67-0536
AFOSR67-2413

DISPERSIVE

DISPERSIVE WAVES IN THE UPPER ATMOSPHERE
DISPERSIVE AND NONDISPERSIVE X-RAY FLUORESCENCE METHODS FOR THE DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE AND
GUIDE WAVES IN MOVING DISPERSIVE MEDIA PART II RELATIVISTIC VELOCITIES
GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART I NONRELATIVISTIC VELOCITIES
EULER-LAGRANGE RELATIONSHIP FOR RANDOM DISPERSIVE WAVES
UNIFORM ASYMPTOTIC SOLUTIONS OF DISCONTINUOUS INITIAL VALUE PROBLEMS FOR DISPERSIVE HYPERBOLIC EQUATIONS

AFOSR67-1626
ARL 68-1051
AFOSR68-1534
AFOSR68-1535
AFOSR68-1597
AFOSR67-1240

DISPLACEMENT

DISPLACEMENT AND THE SUMMATION OF FRUSTRATION
DISPLACEMENT ACTIVITIES AND AROUSAL
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS II EVIDENCE FOR COMPETITIVE
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS III THE REACTION OF ALKYL
THE INFLUENCE OF A MOUNTAIN ON THE DISPLACEMENT OF BAROTROPIC DISTURBANCES
LEADING-EDGE BLUNTNESS AND ADJUNCT-LAYER DISPLACEMENT EFFECTS ON ATTACHED AND SEPARATED LAMINAR BOUNDARY LAYERS IN A

AFOSR67-1684
AFOSR68-0608
AFOSR67-0706
AFOSR67-0707
AFOSR68-0274
ARL 68-1001

DISPLACEMENTS

INNER DISPLACEMENTS OF STRAINED METAL
NUCLEOPHILIC DISPLACEMENTS ON PHOSPHORUS ESTERS FINAL REPORT SEPT 1967
NUCLEOPHILIC DISPLACEMENTS AT SULFUR III THE EXCHANGE OF OXYGEN-18 BETWEEN SODIUM THIOSULFATE-O-18 AND WATER

AFOSR68-0874
AFOSR67-2247
AFOSR67-2314

DISPLACIVE

IR-IRREDIBLE MEASUREMENT OF LONG-RANGE ORDER IN A DISPLACIVE PHASE TRANSITION

AFOSR67-1931

DISPLAY

RECORDING AND DISPLAY OF REDUCED BANDWIDTH TV SIGNALS
A STEREOSCOPIC DISPLAY SYSTEM FOR ELECTRON MICROSCOPE INSTRUMENTS
COMPUTERIZED GRAPHICAL DISPLAY OF DATA FOR VISUAL EXAMINATION AND ANALYSIS IN PHYSICS RESEARCH
INVESTIGATION OF HARDWARE DISPLAY OPERATING SYSTEM IMPROVEMENTS FINAL REPORT DEC 1969

AFOSR67-0148
AFOSR67-1610
ARL 68-0247
AFOSR68-0541

DISPLAY

- CONTINUED

DEFLECTION--MODULATION CRT DISPLAY
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM PROGRAM MANUAL FINAL REPORT FEB 1966 AFOSR67-0342
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM OPERATORS MANUAL FINAL REPORT FEB AFOSR67-0129
 AFOSR67-0130

DISPROPORTIONATION

DISPROPORTIONATION AND COMBINATION REACTIONS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL AND ISOPROPYL
 DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND
 THE MECHANISM OF THE DISPROPORTIONATION OF SULFINIC ACIDS RATE AND EQUILIBRIUM CONSTANTS FOR THE SULFINIC ACID-
 VIN-PICTRODE THIN-LAYER ELECTROCHEMISTRY KINETICS OF SECOND-ORDER DISPROPORTIONATION OF URANIUM V BY DECAY OF
 ARL 67-0208
 ARL 67-1111
 AFOSR67-0076
 AFOSR67-0842

DISSIPATION

DISSIPATION FACTOR OF THE TORSIONAL MODE DECAPES TUBE FOR A HOMOGENEOUS-MANTLE EARTH WITH A SOFT-SOLID OR A
 DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY
 DISSIPATION FACTOR OF THE TORSIONAL MODE FOR A HOMOGENEOUS-MANTLE EARTH WITH A SOFT-SOLID OR A VISCOUS-LIQUID CORE
 DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY
 DIELECTRIC DISSIPATION IN NaCl AND KCl BELOW 4.2 DEGREES K
 INFLUENCE OF THE DISSIPATION OF MECHANICAL ENERGY ON THE TEMPERATURE OF THE LOW CHROMOSPHERE
 MICROWAVE FLUX-FLOW DISSIPATION IN PARAMAGNETICALLY-LIMITED TI-V ALLOYS
 A GENERAL THEORY OF DISSIPATION IN MATERIALS WITH MEMORY
 AFOSR67-0842
 AFOSR67-0836
 AFOSR67-1160
 AFOSR67-1707
 AFOSR67-1814
 AFOSR67-1880
 AFOSR67-1741
 AFOSR68-0199

DISSIPATIVE

A METHOD OF OBTAINING THE IMPEDANCE OF AN ANTENNA IN A DISSIPATIVE MEDIUM FROM THAT IN AIR
 ATTENUATION OF THE TORSIONAL FREE OSCILLATIONS IN AN EARTH WITH A DISSIPATIVE MANTLE AND A DISSIPATIVE SOFT-SOLID CORE
 FINITE-TEMPERATURE TRANSPORT PROPERTIES OF NORMAL FERMION SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE MODEL
 ATTENUATION OF THE TORSIONAL FREE OSCILLATIONS IN AN EARTH WITH A DISSIPATIVE MANTLE AND A DISSIPATIVE SOFT-SOLID CORE
 AFOSR67-0049
 AFOSR67-2141
 AFOSR67-0066
 AFOSR67-2141

DISSOCIATED

THE EFFECT OF MASS INJECTION ON HEAT TRANSFER FROM A PARTIALLY DISSOCIATED GAS STREAM
 AFOSR67-2597

DISSOCIATION

MERCURIAL-INDUCED DISSOCIATION OF PHYCERYTHRIN FROM CERAMIC RUDRUM
 COLLISION-INDUCED DISSOCIATION OF /DENTERUIN POSITIVE MOLECULAR ION/ IONS BY ARGON AND NITROGEN
 THE METAL-METAL BOND DISSOCIATION ENERGY IN CORALY OCTACARBONYL
 THE METAL-METAL BOND DISSOCIATION ENERGY IN MANGANESE CARBONYL
 THE SOLVENT ISOTOPE EFFECT ON THE DISSOCIATION OF THE AQUOPENTAMMINECOBALT (III) ION
 EQUILIBRIUM AIR STAGNATION POINT BOUNDARY-LAYER CALCULATIONS USING A VARIABLE HEAT OF DISSOCIATION MODEL
 THE ISENTROPIC COMPRESSION TUBE A NEW APPROACH TO GENERATING HYPERVELOCITY TEST FLOWS WITH LOW DISSOCIATION
 AFOSR67-0126
 AFOSR67-1375
 AFOSR67-1463
 AFOSR67-1464
 AFOSR68-2875
 ARL 68-0349
 ARL 67-0133

DISSOCIATIVE

VELOCITY DISTRIBUTION OF METASTABLE H ATOMS PRODUCED BY DISSOCIATIVE EXCITATION OF H SUB 2
 AFOSR67-2328

DISSOLUTION

THE EFFECTS OF HIGH MAGNETIC FIELDS ON THE ISOTHERMAL DISSOLUTION AND GROWTH RATES OF FERROUS AMMONIUM SULFATE
 AFOSR67-2740

DISSOLVED

DIFFUSION OF DISSOLVED GASES IN MOLLEN CONDENSATION POLYMERS
 ARL 68-0056

DISSONANCE

CHINESE ATTITUDINAL REACTIONS TO FORCED COMPLIANCE A CROSS- CULTURAL EXPERIMENT IN THE THEORY OF COGNITIVE DISSONANCE
 AFOSR67-0960

DISTAL

DISTAL FUNCTIONS ON GROUPS
 AFOSR67-2177

DISTANCE

THE DIVERGENCE AND AMATTACHARYYA DISTANCE MEASURES IN SIGNAL SELECTION
 INTERMODAL EFFECT UPON HAPTIC JUDGMENTS OF DISTANCE
 AFOSR67-1048
 AFOSR67-2109

DISTANT

A SYNTHESIS OF SHORT-PERIOD P-WAVE RECORDS FROM DISTANT EXPLOSION SOURCES
 AFOSR67-0640

DISTINCTIVE

THE ROLE OF DISTINCTIVE FEATURES IN CHILDRENS ACQUISITION OF PHONOLOGY
 AFOSR68-0264

DISTINGUISH

VALIDITY OF EVIDENCE ALLEGED TO DISTINGUISH PLANAR TETRAHEDRAL AND BRIDGE RADICALS
 AFOSR68-2909

DISTORTED

THE DISTORTED WAVE T-MATRIX APPROXIMATION FOR THE /P 2P/ REACTION
 AFOSR67-0505

DISTORTED-WAVE

ANTISYMMETRIZED DISTORTED-WAVE APPROXIMATION FOR NUCLEON- NUCLEUS SCATTERING
 PREFERRED OPTICAL ALPHA POTENTIALS FOR D. ALPHA REACTION CALCULATIONS BY THE DISTORTED-WAVE BORN APPROXIMATION
 AFOSR67-1600
 ARL 68-1485

DISTORTION

DISTORTION OF A SHOCK WAVE TRAVERSED BY A VORTEX
 A DISTORTION ANALYSIS OF THE MOS TRANSISTOR
 SIGNAL DISTORTION IN ANISOTROPIC HOMOGENEOUS IONIZED MEDIA I LONGITUDINAL MAGNETIC FIELD
 GROWTH OF DISTORTION IN A FINITE-AMPLITUDE SOUND WAVE IN AIR
 SOCIAL PRESSURE IN THE MODIFICATION AND DISTORTION OF JUDGMENT
 A STUDY OF THE RELATIONSHIP BETWEEN MULTIPATH DISTORTION AND WAVE NUMBER SPECTRUM OF DIELECTRIC NOISE IN RADIO LINKS
 A SIMPLIFIED PROCEDURE FOR CORRECTING A MEASURED ANGULAR DISTRIBUTION OF PARTICLES FOR DISTORTION BY A SCATTERING
 FURTHER INVESTIGATIONS ON THE MICROWAVE SPECTRUM OF NSF EVALUATION OF THE MOLECULAR FORCE FIELD CENTRIFUGAL DISTORTION
 AFOSR67-0127
 AFOSR67-0107
 AFOSR67-0579
 AFOSR67-0680
 AFOSR67-1722
 AFOSR68-0439
 AFOSR68-0552
 AFOSR68-1134

DISTORTIONS

CONTOUR DISTORTIONS IN RELATIVISTIC THREE-PARTICLE SCATTERING EQUATIONS
 DIFFRACTION CONTRAST FROM NON-SPHERICAL DISTORTIONS - - IN PARTICULAR A CUBOIDAL INCLUSION
 AFOSR67-2738
 AFOSR67-2794

DISTRIBUTED

ANALYSIS OF DISTRIBUTED AMPLIFIER STRUCTURES
CONTROL OF A DISTRIBUTED PARAMETER SYSTEM WITH A FREE BOUNDARY
FURTHER STUDIES ON DISTRIBUTED ADAPTATION IN NEURONAL NETWORKS FINAL REPORT AUG 1967
THE EFFECT OF A UNIFORM DISTRIBUTED LATERAL LOAD UPON THE BUCKLING OF A CONTINUOUSLY SUPPORTED BEAM
ON THE FEEDBACK CONTROL OF DISTRIBUTED PARAMETER SYSTEMS
NONRECIPROCAL TUNNEL DIODE DISTRIBUTED AMPLIFIER
STABILITY CONDITIONS FOR A MIXED DISTRIBUTED AND LUMPED PARAMETER CONTROL SYSTEM
A STABILITY THEORY FOR NON-LINEAR DISTRIBUTED NETWORKS
RESULTS AND PROBLEMS IN THE THEORY OF DISTRIBUTED PARAMETER SYSTEMS
THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED PARAMETER SYSTEMS - I
THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED PARAMETER SYSTEMS - II
STATE-VARIABLE SYNTHESIS OF INTEGRATED-CIRCUIT DISTRIBUTED RC TRANSFER FUNCTIONS
DISCRETIZATION SCHEMES AND THE OPTIMAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS
BUCKLING OF RADIALLY CONSTRAINED CIRCULAR RING UNDER DISTRIBUTED LOADING

AFOSR67-1230
AFOSR68-0214
ARL 67-0121
AFOSR67-139A
AFOSR67-064P
AFOSR67-1406
AFOSR68-0214
RADC 67-0328
AFOSR68-2146
AFOSR68-0633
AFOSR68-0544
AFOSR68-2804
AFOSR68-2030
AFOSR67-2504

DISTRIBUTION

DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS IN THE BODY FINAL REPORT MARCH 1967
DISTRIBUTION OF ENERGY IN ELECTRICAL DISCHARGES FINAL REPORT JULY 1967
DISTRIBUTION FUNCTIONS IN THE STATISTICAL THEORY OF TURBULENCE
DISTRIBUTION AND POWER OF THE ABSOLUTE NORMAL SCORES TEST
DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE BODY
DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE BODY
DISTRIBUTION OF VORTICES IN ROTATING HELIUM II
DISTRIBUTION AND EXCHANGE OF EXCESS VIBRATIONAL ENERGY PRODUCED IN THE PHOTOLYSIS OF 2,3-DIAZANICYCLO[2.2.1]HEPTA-2,5-DIENE
DISTRIBUTION OF PRODUCT AND QUOTIENT OF BESSEL FUNCTION VARIATES
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A GRIFFITH CRACK IN AN ELASTIC SOLID IN WHICH BODY FORCES ARE ACTING
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A PENNY-SHAPED CRACK IN AN ELASTIC SOLID UNDER THE ACTION OF SYMMETRIC
FIELD DISTRIBUTION IN COS AS DETERMINED BY AN OPTICAL PROBE
OZONE DISTRIBUTION OVER TALLAHASSEE FLORIDA
FIELD DISTRIBUTION AND CURRENT SATURATION IN PHOTOCONDUCTIVE COS
ENERGY DISTRIBUTION IN REACTION PRODUCTS THE PHOTOLYSIS OF CYCLOBUTANONE
ENERGY DISTRIBUTION IN ELECTRONICALLY EXCITED CH AND CARBON IN LOW PRESSURE HYDROCARBON FLAMES
ON THE DISTRIBUTION OF THE MAXIMUM OF A SEMI-MARKOV PROCESS
ON THE DISTRIBUTION OF LINEAR FUNCTIONS AND RATIOS OF LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES
CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN ELECTRICALLY THICK TUBULAR ANTENNA DRIVEN BY A VOLTAGE ACROSS A FINITE
CURRENT DISTRIBUTION FOR WIRE EXPLODED IN VACUUM
SPATIAL DISTRIBUTION OF ENERGETIC ELECTRONS IN THE GEOMAGNETIC PAUL
SPATIAL DISTRIBUTION OF EXCESS CARRIER IN FLUORINE-BEAM EXCITED SEMICONDUCTORS
SPATIAL DISTRIBUTION AND SOURCE MECHANISM OF MICROEARTHQUAKES IN CENTRAL NEVADA
UNIFORM DISTRIBUTION IN LOCALLY COMPACT ABELIAN GROUPS
REGIONAL DISTRIBUTION IN OESOPHAGEAL TEMPERATURE AND ITS USE IN LOCALIZING MEDIASTINAL ORGANS AND MONITORING CENTRAL
VELOCITY DISTRIBUTION OF METASTABLE H ATOMS PRODUCED BY DISSOCIATIVE EXCITATION OF H SUN 2
SIZE AND DISTRIBUTION OF G. P. ZONES IN AL-ZN ALLOYS
PRESSURE DISTRIBUTION ON A CONE-CYLINDER-FLARE BODY AT MACH 16 IN THE PRESENCE OF FLOW SEPARATION FINAL REPORT FEB
PRESSURE DISTRIBUTION ON A 5/8 DEGREE BLUNT CONE AT MACH 14 FINAL REPORT NOVEMBER 1968
EQUILIBRIUM DISTRIBUTION OF RECTILINEAR VORTICES IN A ROTATING CONTAINER
DISLOCATION DISTRIBUTION IN DEFORMED SILVER SINGLE CRYSTALS
THE VELOCITY DISTRIBUTION FUNCTION WITHIN A SHOCK WAVE
THE ASYMPTOTIC DISTRIBUTION OF EIGENVALUES AND EIGENFUNCTIONS FOR ELLIPTIC BOUNDARY VALUE PROBLEMS
ON THE INTENSITY DISTRIBUTION OF X-RAY EMISSION
ELECTRIC CURRENT DISTRIBUTION IN AN MPD ACCELERATOR
WALL SHEAR STRESS DISTRIBUTION FOR FLOW AROUND A CIRCULAR CYLINDER AT REYNOLDS NUMBER BETWEEN 60 AND 340
SPATIAL INTENSITY DISTRIBUTION AND COLOR ANALYZER FINAL REPORT SEP 1967
TRANSIENT TEMPERATURE DISTRIBUTION OF AN IDEALIZED CONTACT SPOT
INVESTIGATION OF PHASE DISTRIBUTION OF LASER FINAL REPORT DFC 1967
DIFFUSION CONCENTRATION DISTRIBUTION NEAR AN IDEALIZED CONTACT SPOT, FINAL REPORT NOV 1967
DIFFUSION CONCENTRATION DISTRIBUTION NEAR AN IDEALIZED CONTACT SPOT
INFLUENCE OF PARTICLE SIZE DISTRIBUTION ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS
THE EVOLUTION OF THE TOTAL DISTRIBUTION FUNCTION OF A ONE-DIMENSIONAL SYSTEM OF HARD DISKS
EFFECT OF GAPS ON THE LOADING DISTRIBUTION OF PLANAR LIFTING SURFACES
LUMINOSITIES COLORS MOTIONS AND DISTRIBUTION OF FAINT BLUE STARS
ON THE EVOLUTION OF THE PROBABILITY DISTRIBUTION AND OF THE CORRELATION FUNCTIONS IN A BOGOLUBBY PLASMA
THE VELOCITY, PRESSURE AND TEMPERATURE DISTRIBUTION IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO DIMENSIONAL
EXPERIMENTAL VERIFICATION OF THE FERMI-DIRAC DISTRIBUTION OF ELECTRONS IN GALLIUM
ESTIMATION OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION
CUMULATIVE SUM CONTROL CHARTS AND THE WEIBULL DISTRIBUTION
COMMENTS ON SOLUTION FOR A SHOCK WAVE OF BINOMIAL DISTRIBUTION USING BHATTNAGAR-GROSS-KROOK MODELS
A NOTE ON ESTIMATION FROM A TYPE I EXTREME-VALUE DISTRIBUTION
SPECTROSCOPIC INVESTIGATION OF ELECTRON TEMPERATURE DISTRIBUTION IN A NONEQUILIBRIUM PARTIALLY IONIZED FLOWING PLASMA
ELECTRON SPIN RESONANCE OF QUINONES SPIN-DENSITY DISTRIBUTION AND CARBONYL SIGMA-PI PARAMETERS
A SIMPLIFIED PROCEDURE FOR CORRECTING A MEASURED ANGULAR DISTRIBUTION OF PARTICLES FOR DISTORTION BY A SCATTERING
ON THE BIVARIATE MOMENTS OF ORDER STATISTICS FROM A LOGISTIC DISTRIBUTION
A BROAD-RANGE MAGNETIC SPECTROGRAPH SYSTEM FOR ROUTINE ANGULAR DISTRIBUTION DETERMINATIONS
COMMENTS ON TECHNIQUES APPLICABLE TO DETERMINATIONS OF SPATIAL DISTRIBUTION OF INTENSITY AND CHROMATICITY
BEST LINEAR UNBIASED ESTIMATORS OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION USING ORDER STATISTIC
EXACT MOMENTS AND PERCENTAGE POINTS OF THE ORDER STATISTICS AND THE DISTRIBUTION OF THE RANGE FROM THE LOGISTIC
COMMENTS ON A PAPER BY E. JAKEMAN AND E. R. BIRE--THE INTENSITY-FLUCTUATION DISTRIBUTION OF GAUSSIAN LIGHT
ON SELECTION AND RANKING PROCEDURES AND ORDER STATISTICS FROM THE MULTINOMIAL DISTRIBUTION
AN INVERSE - SAMPLE PROCEDURE FOR SELECTING THE MOST PROBABLE EVENT IN A MULTINOMIAL DISTRIBUTION
MAXIMUM-LIKELIHOOD ESTIMATION FROM CENSORED SAMPLES OF THE PARAMETERS OF A LOGISTIC DISTRIBUTION
SPACE-TIME RESOLVED MACH-ZEHNDER INTERFEROMETER MEASUREMENTS OF CROSSSECTIONAL ELECTRON DISTRIBUTION IN THETA-PICH
RESULTS ON LOCATION AND SCALE PARAMETER ESTIMATION WITH APPLICATION TO THE EXTREME-VALUE DISTRIBUTION
SIMULTANEOUS LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE EXTREME-VALUE DISTRIBUTION USING SELECTED
STRUCTURE OF LIQUIDS VI SOME CHARACTERISTICS OF FIRST-ORDER DENSITY EXPANSIONS OF RADIAL DISTRIBUTION DIRECT
SIMULTANEOUS LINEAR ESTIMATION OF THE MEAN AND STANDARD DEVIATION OF THE NORMAL AND LOGISTIC DISTRIBUTION BY THE USE
A VARIATIONAL PRINCIPLE AND THE CONVERGENCE OF A FINITE- ELEMENT METHOD BASED ON ASSUMED STRESS DISTRIBUTION
POINT INTERVAL ESTIMATION FROM ONE-ORDER STATISTIC OF THE LOCATION PARAMETER OF AN EXTREME-VALUE DISTRIBUTION WITH
STATISTICAL DESCRIPTION OF A CLASS OF NONGAUSSIAN CHANNELS USING EXPANSIONS BASED ON THE LOGNORMAL DISTRIBUTION
HYPERSONIC FLOW OF BLUNT DELTA WINGS AT LOW ANGLES OF ATTACK I SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION
THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK IN AN ELASTIC BODY IN WHICH THERE IS AN ASYMMETRICAL DISTRIBUTION OF
MAXIMUM-LIKELIHOOD ESTIMATION, FROM DOUBLY CENSORED SAMPLES, OF THE PARAMETERS OF THE FIRST ASYMPTOTIC DISTRIBUTION

AFOSR67-0844
AFOSR67-1793
AFOSR67-2465
AFOSR68-0205
AFOSR68-0810
AFOSR68-0909
AFOSR68-1399
AFOSR68-1908
AFOSR68-2182
AFOSR68-1740
AFOSR68-1835
AFOSR67-0359
AFOSR67-0387
AFOSR68-0536
AFOSR68-0043
AFOSR68-1577
AFOSR68-2767
ARL 67-0253
AFOSR67-0377
AFOSR68-0328
AFOSR67-1199
AFOSR67-1657
AFOSR68-1435
AFOSR68-2295
AFOSR67-0279
AFOSR67-2324
ARL 67-1159
ARL 68-0032
ARL 68-0208
AFOSR67-0579
AFOSR67-006P
AFOSR68-0800
AFOSR68-0173
AFOSR67-0270
ARL 68-1019
AFOSR67-2335
ARL 67-0180
ARL 68-1215
AFOSR68-0243
ARL 67-0216
ARL 68-0162
AFOSR67-0474
AFOSR68-2566
AFOSR68-1802
AFOSR68-1938
ARL 67-0193
ARL 68-0155
AFOSR67-1884
ARL 67-0259
AFOSR67-0682
AFOSR68-1230
ARL 67-0116
AFOSR68-0614
AFOSR68-0389
AFOSR68-0552
ARL 67-0255
AFOSR67-0446
ARL 68-0241
ARL 67-0261
ARL 67-0256
AFOSR68-7426
ARL 67-1305
AFOSR67-0049
ARL 67-0184
AFOSR68-0874
ARL 67-0223
ARL 67-1004
AFOSR67-2576
ARL 67-1002
AFOSR68-0384
ARL 67-0027
AFOSR67-7432
AFOSR67-0005
AFOSR68-582
ARL 68-0277

DISTRIBUTION-FREE

DISTRIBUTION-FREE LIFE TEST SAMPLING PLANS
NONP DISTRIBUTION-FREE STATISTICS AND THEIR APPLICATION TO THE SELECTION PROBLEM

ARL 67-0252
AFOSR68-2753

DISTRIBUTIONAL

A DISTRIBUTIONAL APPROACH TO TIME-VARYING SENSITIVITY

AFOSR68-0510

DISTRIBUTIONAL-SEMANT

DISEMINER A DISTRIBUTIONAL-SEMANTICS INFERENCE MAKER

AFOSR67-0254

DISTRIBUTIONS

DISTRIBUTIONS OF RADAR ECHOES OVER THE UNITED STATES
DISTRIBUTIONS AND THE BOUNDARY VALUES OF ANALYTIC FUNCTIONS
ON THE DISTRIBUTIONS OF DENSITY AND TEMPERATURE IN THE LOW VELOCITY ZONE
ANGULAR DISTRIBUTIONS OF FAST SCATTERED PARTICLES RESULTING FROM COLLISIONS OF 1 - TO 60 KEV NOBLE GASES WITH METAL
SAMPLING DISTRIBUTIONS AND PROBABILITY REVISIONS
TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES II
TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES I
INTRINSIC DISTRIBUTIONS OF COMETARY PERIHELIA AND MAGNITUDES
RESIDENCE TIME DISTRIBUTIONS IN SYSTEMS WITH INTERNAL REFLUX
CONFIGURATIONAL DISTRIBUTIONS FOR FINITE CHAIN MOLECULES
ON SEQUENCE DISTRIBUTIONS FROM ANIONIC POLYMERIZATIONS
SERIES REPRESENTATIONS OF DISTRIBUTIONS OF QUADRATIC FORMS IN NORMAL VARIABLES II NON-CENTRAL CASE
EXPERIMENTAL ELECTRODE CURRENT DISTRIBUTIONS IN HHO CHANNELS
ESTIMATION OF PARAMETERS OF LIFE DISTRIBUTIONS
MINIMUM LIKELIHOOD ESTIMATION OF THE DISTRIBUTIONS OF TWO STOCHASTICALLY ORDERED RANDOM VARIABLES
OPTICAL MEASUREMENT OF RADIAL DENSITY DISTRIBUTIONS IN A HIGH-SPEED CONFINED AIR VORTEX, FINAL REPORT DEC 1967
CLASSES OF COMPACT OPERATORS AND EIGENVALUE DISTRIBUTIONS FOR ELLIPTIC OPERATORS
ASYMPTOTICALLY OPTIMAL TESTS FOR MULTINOMIAL DISTRIBUTIONS
CHARACTERIZATION OF THE EXPONENTIAL AND POWER DISTRIBUTIONS
ORDERING THEOREMS AND GENERALIZED PHASE SPACE DISTRIBUTIONS
APPROXIMATE FORMULAS FOR PHOTOELECTRIC COUNTING DISTRIBUTIONS
TIME CORRELATIONS IN FORWARD SCATTERING BY RANDOM DISTRIBUTIONS FINAL REPORT APR 1968
STUDIES OF THE OSCILLAR A STARS V CONTINUOUS ENERGY DISTRIBUTIONS
CHARACTERIZATION OF NORMAL AND GENERALIZED TRUNCATED NORMAL DISTRIBUTIONS USING ORDER STATISTICS
SIGNAL CORRELATIONS IN FORWARD SCATTERING BY TWO-COMPONENT RANDOM DISTRIBUTIONS
DEVIATIONS CONDITIONAL ESTIMATION OF THE STANDARD OF THE NORMAL AND LOGISTIC DISTRIBUTIONS FROM DOUBLY CENSORED
FURTHER RESULTS ON ESTIMATION OF THE PARAMETERS OF THE PEARSON TYPE III AND WEIBULL DISTRIBUTIONS IN THE NON-REGULAR
ONE-ORDER-STATISTIC CONDITIONAL ESTIMATORS OF SHAPE PARAMETERS OF LIMITED AND PARETO DISTRIBUTIONS AND SCALE
SELF-ENERGY CONSIDERATIONS IN GENERAL RELATIVITY AND THE EXACT FIELDS OF CHARGE AND MASS DISTRIBUTIONS
ELECTRICAL CONDUCTIVITY OF MAGNETOPLASMAS PART II-EFFECTIVE PARAMETERS FOR NON-MAXWELLIAN DISTRIBUTIONS
POINT AND INTERVAL ESTIMATION PROCEDURES FOR THE TWO-PARAMETER WEIBULL AND EXTREME-VALUE DISTRIBUTIONS

AFCL67-0838
AFOSR67-1272
AFOSR68-1156
AFOSR68-2100
AFOSR68-1188
AFOSR68-0793
AFOSR68-0849
AFOSR68-1774
AFOSR68-0634
AFOSR68-2410
AFOSR67-1006
AFOSR67-0406
AFOSR68-1294
ARL 67-1252
AFOSR67-1012
ARL 67-0234
AFOSR68-1444
AFOSR67-0691
AFOSR68-0206
AFOSR68-1766
AFCL67-0523
AFCL68-0223
AFOSR68-0900
AFOSR67-0684
AFCL67-0294
ARL 67-1003
ARL 68-0207
ARL 68-0038
AFOSR67-2693
AFCL67-0528
ARL 68-0240

DISTURBANCE
DECAY OF A DISTURBANCE IN AN INCOMPRESSIBLE, ZERO-PRESSURE-GRADIENT FLOW
ARL 67-0266

DISTURBANCES
PROPAGATION OF DISTURBANCES IN A GUTENBERG-BULLEN A SPHERICAL EARTH MODEL TRAVEL TIMES AND AMPLITUDES OF S WAVES
THE OFFICIAL SEISMOGRAMS OF TORSIONAL DISTURBANCES EXCITED AT A FOCUS WITHIN A HETEROGENEOUS SPHERICAL EARTH - CASE OF
LABORATORY STUDIES OF PROPAGATION OF MAGNETIC DISTURBANCES IN THE MAGNETOSPHERE FINAL REPORT JULY 1968
THE INFLUENCE OF A MOUNTAIN ON THE DISPLACEMENT OF BAROTROPIC DISTURBANCES
AFCL67-0291
AFOSR68-1429
AFCL68-0415
AFCL68-0274

DISTURBED
STUDIES OF ARTIFICIALLY DISTURBED SENSORY COORDINATION IN MAN FINAL REPORT MAY 1967
WAVES IN A SEMI-INFINITE PLATE IN SMOOTH CONTACT WITH A HARMONICALLY DISTURBED HALF-SPACE
ELECTRON CONCENTRATIONS AND ELECTRON AND ION TEMPERATURES IN THE F REGION FOR MAGNETICALLY QUIET AND DISTURBED
AFOSR67-1540
AFOSR68-2205
AFOSR68-1126

DISTURBING
DETERMINATION OF THE FIRST DERIVATIVES OF THE DISTURBING POTENTIAL BY GREENS FUNDAMENTAL FORMULA
AFCL67-0616

DISULFIDE
CRYSTAL STRUCTURE AND MOLECULAR MOTION OF SOLID CARBON DISULFIDE
AFOSR68-1813

DITERTIARY
DITERTIARY PHOSPHINE COMPLEXES OF NICKEL SPECTRAL MAGNETIC AND PROTON RESONANCE STUDIES A PLANAR-TETRAHEDRAL
DITERTIARY PHOSPHINE COMPLEXES OF COBALT SPECTRAL MAGNETIC AND ELECTRON PARAMAGNETIC RESONANCE STUDIES
AFOSR67-0236
AFOSR67-2796

DITHIETEN
THE NATURE OF THE PRODUCT FROM THE REACTION BETWEEN OCTACARBONYLDICOBALT AND BIS (TRIFLUOROMETHYL) DITHIETEN
AFOSR67-0604

DIURNAL
DIURNAL WIND VARIATIONS IN THE STRATOSPHERE FINAL REPORT MAR 1968
AFCL68-0373

DIVALENT
MAGNETIC PROPERTIES OF DIVALENT EUROPIUM COMPOUNDS FINAL REPORT MARCH 1966
SOLVENT EXTRACTION OF VOLATILE DIVALENT METAL FLUORO-BATA- DIKETONATES
AFOSR68-2883
ARL 68-1488

DIVERGENCE
DIVERGENCE OF RENORMALIZED VS CONVERGENCE OF REGULARIZED PERTURBATIVE EXPANSIONS IN A FIELD-THEORETICAL MODEL
THE DIVERGENCE AND BHATTACHARYA DISTANCE MEASURES IN SIGNAL SELECTION
SCATTERING FROM COULOMB-LIKE POTENTIALS WITHOUT DIVERGENCE OR CUTOFFS I FORMALISM GENERALIZED LIPPMANN-SCHWINGER
AFOSR67-0592
AFOSR67-1048
AFOSR67-2031

DIVERGENCES
CONCURRENT SOFT PHOTON STATES AND INFRA-RED DIVERGENCES I CLASSICAL CURRENTS
GAUGE-FIELD ALGEBRA SOFT-MESON METHODS AND DIVERGENCES
ON THE COMMUTATION RULES BETWEEN AXIAL CHARGES AND AXIAL DIVERGENCES
AFOSR67-1590
AFOSR68-0429
AFOSR68-0567

DIVERGENT
A STUDY OF II-VI COMPOUNDS BY THE DIVERGENT BEAM X-RAY METHOD
ARL 68-1459

DIVERGING
NOTION OF A SHOCK WAVE THROUGH TUBES OF CONVERGING OR DIVERGING CROSS SECTION
AFOSR67-0567

DIVERS
COLD ADAPTATION OF KOREAN WOMEN DIVERS FINAL REPORT DEC 1967
AFOSR68-0908

DIVERSITY
MAXIMAL-RATIO DIVERSITY COMBINERS
ON OPTIMUM SPACE DIVERSITY RECEPTION OF CORRELATED MULTIPATH
AFOSR68-0509
AFOSR68-1657

DIVERSITY-ARRAY
ON THE PERFORMANCE CHARACTERISTICS OF MAXIMUM LIKELIHOOD DIVERSITY-ARRAY RECEIVERS AFOSR66-1800

DIVISOR
INTERPOLATION OF THE DIRICHLET DIVISOR PROBLEM AFOSR66-2228

DOCUMENT
COMBINATORIAL DOCUMENT STORAGE AND RETRIEVAL
ASSOCIATIVE ADJUSTMENTS TO REDUCE ERRORS IN DOCUMENT SCREENING FINAL REPORT MARCH 1967 AFOSR67-0821
AFOSR67-0940

DOCUMENTARY
CONTENT ANALYSIS OF DOCUMENTARY AND BIOGRAPHIC MATERIALS METHODOLOGY
CODING AND ANALYSIS OF DOCUMENTARY MATERIALS FROM COMMUNIST CHINA AFOSR67-2619
AFOSR67-1147

DOCUMENTATION
STUDY OF DOCUMENTATION PROCEDURES AND MECHANISMS FINAL REPORT AUG 1967
PROCEEDINGS OF THE 1965 CONGRESS INTERNATIONAL FEDERATION FOR DOCUMENTATION WASHINGTON D C 7-16 OCT 1965 AMERICAN AFOSR67-2248
AFOSR67-0003

DOCUMENTS
RETRIEVAL OF TECHNICAL DOCUMENTS FINAL REPORT NOV 1967 AFOSR66-0244

DODECABORANE
THERMODYNAMIC PROPERTIES OF DECAHYDRO DECABORANE DIANION AND DODECAHYDRO DODECABORANE DIANION AFOSR66-1726

DODECABORIDE
HEATS OF FORMATION OF ALUMINUM DIBORIDE AND ALPHA-ALUMINUM DODECABORIDE AFOSR67-2639

DODECAHYDRO
THERMODYNAMIC PROPERTIES OF DECAHYDRO DECABORANE DIANION AND DODECAHYDRO DODECABORANE DIANION AFOSR66-1728

DOPBLINS
CONTRIBUTIONS TO DOPBLINS THEORY OF MARKOV PROCESSES AFOSR67-1658

DOLPHIN
REPROGRAMMING OF THE SONIC OUTPUT OF THE DOLPHIN SONIC BURST-COUNT MATCHING FINAL REPORT MARCH 1968 AFOSR66-0518

DOMAIN
TIME DOMAIN STUDIES OF SHORT PERIOD TELESEISMIC P PHASES FINAL REPORT SEPT 1967 AFOSR67-2519
FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS AND WHISKERS FINAL REPORT MAR 1967 AFOSR67-0107
FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS FINAL REPORT SEPT 1968 AFOSR66-0414
RESEARCH ON STRIPE DOMAIN STRUCTURES IN FERROMAGNETIC METAL FILMS FINAL REPORT JAN 1967 AFOSR67-0219
CLEAVAGE FEATURES IN A DOMAIN /TWIN/ CRYSTAL AFOSR67-1503
THERMAL ESCAPE PROBLEM II TRANSITION DOMAIN IN SPHERICAL GEOMETRY AFOSR66-2551
DOPPLER CONVERSION AND ADIABATIC TIME DOMAIN CONVERSION OF ACOUSTIC AND SPIN WAVES AFOSR67-0455
ELECTROMAGNETIC SCATTERING IN THE TIME DOMAIN IN A PERFECTLY CONDUCTING CURVED SURFACE AFOSR66-0267
MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION IN A FIXED DOMAIN AND AN APPLICATION TO A PROBLEM OF AFOSR66-1957
A REPRESENTATION OF A BOUNDED FUNCTION AS INFINITE PRODUCT IN A DOMAIN WITH BERGMAN-SHILOV BOUNDARY SURFACES AFOSR66-2602
APPLICATION OF GENERALIZED FUNCTION THEORY TO NETWORK REALIZABILITY THEORY AND TIME DOMAIN SYNTHESIS OF POSITIVE-REAL AFOSR66-0389

DOMAINS
DOMAINS OF ATTRACTION OF SOME QUASIPERIODIC SOLUTIONS AFOSR67-1646
GROUP RINGS OVER DEDEKIND DOMAINS AFOSR67-0996
GROUP RINGS OVER DEDEKIND DOMAINS II AFOSR66-0302
CONVOLUTION EQUATIONS IN CONVEX DOMAINS AFOSR66-1104
RIEMANN SURFACES WHICH ARE DOUBLES OF PLANE DOMAINS AFOSR66-2647
CONVERGENCE OF POISSON INTEGRALS FOR BOUNDED SYMMETRIC DOMAINS AFOSR66-2736
COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS ON UNBOUNDED DOMAINS AFOSR67-1115
APPROACH TO THE N-BODY PROBLEM WITH HARD SPHERE INTERACTION APPLIED TO THE COLLISION DOMAINS OF THREE BODIES AFOSR67-0067

DOMESTICUS
A MATHEMATICAL MODEL FOR THE BIOLOGICAL CLOCK OF PASSER DOMESTICUS AFOSR67-0712

DOMINANCE
DOMINANCE IN MONKEYS-BEHAVIOR AND BIOCHEMISTRY FINAL REPORT NOV 67 AML 67-0024
LIMITATIONS OF PION POLE DOMINANCE AFOSR67-1652
ON THE SUGGESTED CEREBRAL DOMINANCE FOR CONSCIOUSNESS AFOSR67-1430
EXPERIMENTAL ANALYSIS OF CEREBRAL DOMINANCE IN MAN AFOSR67-1627
RESEARCHES AND CONSIDERATIONS ON THE HEMISPHERIC DOMINANCE AND SPECIALIZATION IN MAN /ITALIAN/ AFOSR67-1495
A CURRENT ALGEBRA RELATION BETWEEN PCAC AND VECTOR MESON DOMINANCE AFOSR67-0071

DOMINANT
RADIATION DOMINANT INTERACTION IN GASDYNAMICS AFOSR66-1549
ON THE /ETA TO GAMMA GAMMA/ DECAY MODE AND THE VECTOR-MESON DOMINANT MODEL AFOSR66-0107

DOMINATED
THEORY OF LANGMUIR PROBE CHARACTERISTICS FOR A COLLISION DOMINATED PARTIALLY IONIZED GAS FINAL REPT FEB 1967 AFAL 67-0001

DOMATE
THE DIFFERENTIATION BETWEEN UNIDENTATE AND BIDENTATE LIGANDS WHICH DONATE THREE ELECTRONS TO A METAL ATOM AFOSR67-0601

DONOR
PHOTOELECTRIC EMISSION FROM DONOR-ACCEPTOR SOLIDS AND DONOR MOLECULES AFOSR66-1257
ELECTRON-SPIN-RESONANCE STUDIES OF THE FLUORINE DONOR IN BERYLLUM OXIDE AFOSR66-0680
ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE I IODIDE DONOR SOLUTIONS AFOSR67-0742

DONOR-ACCEPTOR
PHOTOELECTRIC EMISSION FROM DONOR-ACCEPTOR SOLIDS AND DONOR MOLECULES AFOSR66-1257

DONORS

EFFECT OF WATER AND SOME OTHER HYDROGEN BOND DONORS AND ACCEPTORS ON PAH IN ACETONITRILE OF MIXTURES OF ACIDS AND

AFOSR67-2186

DOPAMINE

NORADRENALINE AND DOPAMINE CONTENT OF NORMAL DECENTRALIZED AND DENERVATED PINAL GLAND OF THE RAT
 METABOLIC PATHWAYS OF DOPAMINE AND NORADRENALINE IN HUSBIT BRAIN IN VITRO
 BIOCHEMISTRY AND PHYSIOLOGY OF DOPAMINE IN THE BRAIN FINAL REPORT FEB 1968
 OCCURRENCE AND SOME PROPERTIES OF DOPAMINE CONTAINING GRANULES IN THE SHEEP ADRENAL
 FUNCTIONAL ROLE OF THE NIGRO-NEOSTRIATAL DOPAMINE NEURONS
 A QUANTITATIVE STUDY ON THE NIGRO-NEOSTRIATAL DOPAMINE NEURON SYSTEM IN THE RAT
 THE EFFECT OF PROTRIPTYLINE ON THE METABOLISM OF DOPAMINE AND NORADRENALINE IN HUSBIT BRAIN IN VITRO

AFOSR67-1105
 AFOSR68-0804
 AFOSR68-0826
 AFOSR68-1738
 AFOSR67-0864
 AFOSR67-0870
 AFOSR68-2712

DOPED

HEAVILY DOPED SILICON AS A LOW TEMPERATURE TRANSMISSION FILTER FOR THE FAR INFRARED
 SOME OBSERVATIONS OF THE GEL GROWTH OF DOPED AND UNDOPED CALCIUM TARTRATE CRYSTALS
 PLASTIC DEFORMATION IN CA SUPPER PLUS DOPED NaCl
 SPECTROSCOPIC CONSIDERATIONS OF CHROMIUM DOPED LITHIUM GERMANATE AS A POSSIBLE LASER MATERIAL
 RADIATION DAMAGE NEAR THE EDGE IN LITHIUM DOPED COSE
 CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED FERRIC OXIDE BY THE FLUX METHOD AND SEGREGATION STUDIES OF IRON
 COMPETITIVE TRAPPING IN SODIUM DISILICATE GLASSES DOPED WITH TRIVALENT EUROPIUM
 NUCLEAR MAGNETIC RELAXATION OF F-19 IN HARD EARTH DOPED LANTHANUM TRIFLUORIDE
 EXPERIMENTS ON THE C ELECTROLUMINESCENCE OF COPPER DOPED ZINC SULFIDE SINGLE CRYSTALS

AFOSR67-1343
 AFOSR67-0304
 APL 67-1146
 AFOSR68-0370
 APL 67-1299
 AFOSR67-0353
 AFOSR67-0012
 AFOSR68-2871
 AFOSR67-0355

DOPPLER

DOPPLER PROFILES OF THE 1977 A AIRGLOW
 DOPPLER SIGNAL ANALYSIS AND PROCESSING TECHNIQUES FOR MODIFIED /PORCUPINE/ C-BAND PULSE DOPPLER RADAR FINAL REPORT FEB
 DOPPLER RADIATING INTEGRALS
 DOPPLER CONVERSION AND ADIABATIC TIME DOMAIN CONVERSION OF ACOUSTIC AND SPIN WAVES
 LASER DOPPLER FLOW METER
 APPLICATION OF DOPPLER RADAR TO STORM DYNAMICS FINAL REPORT JAN 1967
 THE RELATIVISTIC DOPPLER EQUATIONS FOR ATTENUATED WAVES AND THE DRAG EFFECT
 A PRELIMINARY REPORT ON DOPPLER RADAR OBSERVATION OF TURBULENCE IN A THUNDERSTORM
 SYSTEMS ANALYSIS AND ADDITIONAL INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND PULSE DOPPLER RADAR
 DOPPLER SIGNAL ANALYSIS AND PROCESSING TECHNIQUES FOR MODIFIED /PORCUPINE/ C-BAND PULSE DOPPLER RADAR FINAL REPORT FEB

AFOSR67-0443
 AFOSR68-0176
 AFOSR67-0082
 AFOSR67-0455
 ARL 68-1134
 AFOSR67-0100
 AFOSR68-2839
 AFOSR67-0015
 AFOSR67-0182
 AFOSR68-0176

DOT-SCANNING

EVALUATION OF PSEUDO-RANDOM DOT-SCANNING TELEVISION SYSTEMS FINAL REPORT JAN 1967

AFOSR67-0004

DOUBLE

DOUBLE REGGE POLES AND REGGE CUTS
 DOUBLE INNERVATION OF THE FELINE IRIS DILATOR
 DOUBLE POINTS OF MATHEUS EQUATION
 DOUBLE POINTS OF MATHEUS EQUATION
 DOUBLE POINTS OF MATHEUS EQUATION
 CHARGED DOUBLE ION PRODUCTION IN PI PLUS P SCATTERING AT 910 MEV/C
 CHARGED DOUBLE ION PRODUCTION IN PI PLUS P SCATTERING AT 910 MEV/C
 A UNIQUE DOUBLE DEPOSITION SYSTEM
 ION POSITIVE ION AND ION DOUBLE POSITIVE ION HYPERFINE FIELDS IN MAGNESIUM OXIDE AND CALCIUM OXIDE
 AN EXPERIMENTAL STUDY OF THE DOUBLE SLIP DEFORMATION HYPOTHESIS FOR FACE-CENTRED CUBIC SINGLE CRYSTALS
 THE EFFECT OF NEGATIVE IONS ON DOUBLE SPACE-CHARGE SHEATHS
 UNITARITY AND THE MANDELSTAM REPRESENTATION I MOMENT CONDITIONS FOR THE DOUBLE SPECTRAL FUNCTIONS
 MOLECULAR PHOTOCHEMISTRY V PHOTOELECTROADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS

AFOSR67-0878
 AFOSR67-2266
 ARL 68-1255
 ARL 68-1282
 ARL 68-1472
 ARL 67-0103
 ARL 68-0329
 AFOSR67-0096
 AFOSR67-2417
 AFOSR67-1007
 ARL 68-0291
 AFOSR68-0438
 AFOSR67-2185

DOUBLE-COINCIDENCE

DOUBLE-COINCIDENCE TRIDENT EXPERIMENTS

AFOSR68-0133

DOUBLE-MINIMUM

THE INVESTIGATION OF DOUBLE-MINIMUM POTENTIALS IN MOLECULES

AFOSR67-0015

DOUBLE-SPECTRAL

THIRD DOUBLE-SPECTRAL FUNCTION EFFECTS

AFOSR68-1227

DOUBLE-SPECTRUM

MODIFICATION OF THE MODEL 254C SIMULANEOUS DOUBLE-SPECTRUM /SPECTRUM/ ANALYZER FOR IMPROVED EXTRACTION OF PITCH DATA

AFOSR68-0116

DOUBLERS

EXPERIMENTAL INVESTIGATION OF SATURATION EFFECTS IN FERRITE FREQUENCY DOUBLERS

AFOSR67-0164

DOUBLES

RIEMANN SURFACES WHICH ARE DOUBLES OF PLANE DOMAINS

AFOSR68-2647

DOUBLET

ANALOG DOUBLET IN C1 SUPPER 35
 ANALOG DOUBLET IN C1 SUPPER 35

ARL 68-1212
 ARL 68-1340

DOUBLET-S

CALCULATIONS OF THE DOUBLET-S GROUND STATE OF THE LITHIUM ATOM USING WAVE FUNCTIONS OF HILLERAAS-TYPE

AFOSR68-2570

DOUBLY

DOUBLY STOCHASTIC ASSOCIATED MATRICES
 DOUBLY IONIZED EXCITATION IN HF AND HE
 SCATTERING OF LIGHT DOUBLY SCATTERED BY AN OPAL-SCENT FLUID
 ON SUBHARMONICITY OF DOUBLY SUBHARMONIC FUNCTIONS
 MAXIMUM-LIKELIHOOD ESTIMATION, FROM DOUBLY CENSORED SAMPLES, OF THE PARAMETERS OF THE FIRST ASYMPTOTIC DISTRIBUTION
 ORGANOMETALLIC SULFUR COMPLEXES VIA THE MOLECULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGED DIVERGIC COMPLEX OF MOLYBDENUM
 DEVIATIONS CONDITIONAL ESTIMATION OF THE STANDARD OF THE NORMAL AND LOGISTIC DISTRIBUTIONS FROM DOUBLY CENSORED

AFOSR67-2816
 ARL 67-1050
 AFOSR68-1455
 AFOSR67-1335
 ARL 68-0277
 AFOSR67-2210
 ARL 67-1003

DOUBLY-ASSOCIATED

DOUBLY-ASSOCIATED CATION-VACANCY CENTERS IN MAGNESIUM OXIDE

AFOSR68-0260

DOVE

OFFENSIVE BEHAVIOUR AND THE AFTER EFFECTS OF BRAIN STIMULATION IN THE RING DOVE /STREPTOPELIA RESORIA/
AUDITORY RESPONSES OF NEURONES IN THE LATERAL MESENCEPHALIC NUCLEUS /INFERIOR COLICULUS/ OF THE BARBARY DOVE

AFOSR68-0606
AFOSR68-0607

DOWN

PUSH DOWN LIST MEMORY /PUDOL/ FINAL REPORT AUG 1968
MAGNETIC RELAXATION PROPERTIES OF MAGNETITE POWDER DOWN TO LIQUID HELIUM TEMPERATURES

AFOSR68-0603
AFOSR67-0356

DOWNSTREAM

SUPERSONIC SEPARATED FLOW DOWNSTREAM OF A BACKWARD FACING STEP
THE FLOW FIELD AND HEAT TRANSFER DOWNSTREAM OF A REARWARD FACING STEP IN SUPERSONIC FLOW FINAL REPORT MARCH 1967

AFOSR67-2592
AFL 67-0056

DOWNWARD

DETERMINATION OF PATH RADIANCE FOR DOWNWARD PATH OF SIGHT FROM GROUND-BASED OR LOW-ALTITUDE MEASUREMENT

AFOSR68-0394

DRAG

DRAG MINIMIZATION AS THE EXTREMIZATION OF PRODUCTS OF POWERS OF INTEGRALS
DRAG ON AN OBJECT IN NEARLY-FREE MOLECULAR FLOW
SKIN-FRICTION DRAG AT SUPERSONIC-HYPERSONIC SPEEDS WITH TRANSITION
AUX ATMOSPHERIC DENSITY FROM DRAG ON LOW ALTITUDE SATELLITES REPORT 2
PRODUCTION OF UNIFORM DROPLETS BY MEANS OF AN ION DRAG PUMP
THE RELATIVISTIC DOPPLER EQUATIONS FOR ATTENUATED WAVES AND THE DRAG EFFECT
APPROXIMATE ANALYTICAL SOLUTION FOR SATELLITE ORBITS SUBJECTED TO SMALL THRUST OR DRAG

AFOSR67-0937
AFOSR67-1248
AFOSR67-1956
AFOSR68-0066
AFOSR68-2642
AFOSR68-2839
AFOSR67-2248

DRAIN

CURRENT SATURATION AND DRAIN CONDUCTANCE OF JUNCTION-GATE FIELD-EFFECT TRANSISTORS

AFOSR67-1629

DRAWING

INTER-JUDGE RELIABILITY OF HUMAN FIGURE DRAWING MEASURES OF FIELD DEPENDENCE

AFOSR67-1836

DRAWING

PARADOXICAL SLEEP AND DREAMING AMONG THE MENTAL DEFICIENT /FRENCH/

AFOSR67-0697

DRELL

FORWARD COMPTON SCATTERING AT HIGH ENERGY AND THE DRELL-HEARN-GERASIMOV SUM RULE

AFOSR68-0140

DRELL-HEARN-GERASIMOV

DRELL-HEARN-GERASIMOV SUM RULE EXAMPLES AND COUNTEREXAMPLES

AFOSR68-0138

DRELL-WALECKA

SIMPLE FORMULA FOR THE DRELL-WALECKA FORM FACTORS IN QUASI-ELASTIC ELECTRODYNAMIC PROCESSES

AFOSR67-2521

DRIFT

DRIFT VELOCITY AND ENERGY OF ELECTRONS IN LIQUID ARGON
RADIAL DRIFT VELOCITIES IN THE ARGON ION LASER
ELECTRON DRIFT VELOCITIES IN LIQUEFIED ARGON AND KRYPTON AT LOW ELECTRIC FIELD STRENGTHS
CALCULATED MAGNETIC ELECTRON DRIFT VELOCITIES IN H₂ SURF, O₂ SURF, AIR AND C₂ SUBSTRATE SURF FOR 10 E/P 10 TO THE 4TH
RESONANCE SCATTERING AND THE DRIFT MOTION OF ELECTRONS THROUGH GASES
TEMPERATURES LORENTZIAN WIDTHS AND DRIFT VELOCITIES IN THE ARGON-ION LASER
STATISTICAL INVESTIGATION OF IONOSPHERIC DRIFT FINAL REPORT MAY 1967
INVESTIGATION OF THE TURBULENT STRUCTURE AND DRIFT MOTIONS IN THE IONOSPHERE FINAL REPORT APR 1967
CURRENT SATURATION AND TRAP-CONTROLLED ELECTRON DRIFT MOBILITY IN PHOTOCONDUCTIVE COS
ACUSTOELECTRIC OSCILLATIONS CURRENT SATURATION AND ELECTRON DRIFT MOBILITY IN CADMIUM SULPHIDE CRYSTALS

AFOSR67-1673
AFOSR67-2630
AFOSR67-0044
AFOSR67-0032
AFOSR68-2035
AFOSR67-0323
AFOSR67-0502
AFOSR67-0168
AFOSR67-0581
AFOSR67-0285

DRIFTED

RESPONSE OF LITHIUM DRIFTED SILICON RADIATION DETECTORS TO HIGH ENERGY CHARGED PARTICLES
CHARGE COLLECTION EFFICIENCIES FOR LITHIUM DRIFTED SILICON AND GERMANIUM DETECTORS IN THE X-RAY ENERGY REGION
STUDY OF THERMAL NEUTRON CAPTURE GAMMA RAYS USING A LITHIUM DRIFTED GERMANIUM SPECTROMETER

AFOSR68-1675
AFOSR68-1676
AFOSR67-0104

DRIFTING

INSTABILITIES IN A DRIFTING SEMICONDUCTOR PLASMA

AFOSR67-1188

DRIFTS

A THEORETICAL TECHNIQUE FOR EVALUATING THE TIME DEPENDENT EFFECTS OF GENERAL ELECTRODYNAMIC DRIFTS IN THE F2-LAYER OF

AFOSR68-0172

DRIVEN

THERMALLY DRIVEN ROSSBY-MODE DYNAMO FOR SOLAR MAGNETIC-FIELD REVERSALS
THERMALLY DRIVEN ROSSBY-MODE HYDROMAGNETIC DYNAMOS
IMPLOSION DRIVEN HYPERVELOCITY LAUNCHER PERFORMANCE USING GASEOUS DETONATION WAVES
RINOCULARLY DRIVEN NEURONS IN VISUAL CORTEX OF SPLIT-CHIASM CATS
A MAGNETIC ANNULAR ARC DRIVEN SHOCK TUBE
ADMITTANCE OF A THICK MONOPOLE DRIVEN FROM A COAXIAL LINE
EXPERIMENTAL STUDY ON ELECTROMAGNETICALLY DRIVEN SHOCK TUBE
STUDIES ON AN INERT GAS DISK HALL GENERATOR DRIVEN IN A SHOCK TUNNEL
IONIZING SHOCK STUDIES IN AN ELECTROMAGNETICALLY DRIVEN SHOCK TUBE
AN EXPERIMENTAL STUDY OF AN ELECTRICALLY THICK TUBULAR MONOPOLE ANTENNA DRIVEN BY A COAXIAL TRANSMISSION LINE
CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN ELECTRICALLY THICK TUBULAR ANTENNA DRIVEN BY A VOLTAGE ACROSS A FINITE
ELECTRIC ARC ATTACHMENT, HEAT TRANSFER, AND ELECTRODE EROSION OF HIGH CURRENT ARCS DRIVEN MAGNETICALLY OVER METAL
THE INFLUENCE OF FINITE ELECTRICAL CONDUCTIVITY ON THE DEVELOPMENT OF A MAGNETICALLY DRIVEN SHOCK IN H₂O-CO₂ MIX

AFOSR68-0296
AFOSR68-0501
AFL 67-0278
AFOSR68-2692
AFOSR67-0618
AFOSR67-0333
AFOSR68-2742
AFL 67-1235
AFOSR67-1818
AFOSR67-0106
AFOSR67-0377
AFL 68-1022
AFOSR67-1226

DRIVING

DEPENDENCE OF COERCIVITY ON DRIVING FIELD IN MULTILAYER FILMS OF NICKEL

AFOSR68-0150

DRIVING-POINT

SINGLE TEE AND PI TWO-PORTS RESISTIVELY TERMINATED AND HAVING A PRESCRIBED DRIVING-POINT IMPEDANCE

AFOSR67-0615

DROP

HEAT TRANSFER AND PRESSURE DROP IN TUBE GENERATED SWIRL FLOW
PILOT-DROPE MEASUREMENTS OF DROP SIZES

AFOSR67-1056
AFL 67-1086

DRUMPLIFT

ON LIQUID DROPLET COMBUSTION AT HIGH PRESSURES
CONDENSATION DROPLET GROWTH IN HYPERTHERMAL GASES
RESEARCH ON ELECTROSTATIC CHARGED DROPLET STREAMS, FINAL REPORT OCT 1967
VARIABLE PROPERTY EFFECTS ON LIQUID DROPLET COMBUSTION
MOMENTUM AND HEAT TRANSFER IN LAMINAR FLOW OF GAS WITH LIQUID DROPLET SUSPENSION OVER A CIRCULAR CYLINDER

AFOSR67-2042
ARL 67-0049
ARL 67-0211
AFOSR68-2075
ARL 67-0288

DROPLETS

PRODUCTION OF UNIFORM DROPLETS BY MEANS OF AN ION DRAG PUMP
HOMOGENEOUS NUCLEATION AND GROWTH OF DROPLETS IN VAPOURS
CHARGE-TO-MASS RELATIONSHIPS FOR ELECTROHYDRODYNAMICALLY SPRAYED LIQUID DROPLETS

AFOSR68-2542
AFOSR67-0507
AFOSR68-0547

DROSOPHILA

IMPORTANCE OF XANTHINE DEHYDROGENASE IN DROSOPHILA MELANOGASTER
IMPORTANCE OF XANTHINE DEHYDROGENASE IN DROSOPHILA MELANOGASTER FINAL REPORT NOV 1968

AFOSR68-2327
AFOSR68-2328

DRUG

TRANSPORT OF BIOLOGICAL ANIONS AS AN ELEMENT OF DRUG ACTION

AFOSR68-0602

DRUG-INDUCED

MECHANISM OF DRUG-INDUCED CATECHOLAMINE RELEASE FROM ADRENERGIC NERVE GRANULES

AFOSR68-0867

DRUGS

CHRONAL INTEGRATION AND ITS ASSESSMENT BY DRUGS
BIOCHEMICAL AND HISTOCHEMICAL STUDIES ON THE EFFECTS OF IMIPRAMINE-LIKE DRUGS AND DEXTRO-AMPHETAMINE ON CENTRAL AND

AFOSR67-0547
AFOSR67-0865

DRUM

ONE CAN MEAN WHETHER A DRUM HAS FINITE AREA
ON-LINE TYPEWRITER ACCESS TO CLASSIFICATION FAILS ON DRUM STORAGE

AFOSR67-1602
AFOSR68-1604

DUAL-BEAM

WIND MEASUREMENT BY DUAL-BEAM RADAR A THEORETICAL AND EXPERIMENTAL EVALUATION

AFOSR67-0535

DUALITY

DUALITY AND STABILITY IN EXTREMUM PROBLEMS INVOLVING CONVEX FUNCTIONS
DUALITY IN NONLINEAR PROGRAMMING
DUALITY FOR VARIATIONAL PROBLEMS
DUALITY FOR CONTROL PROBLEMS
DUALITY IN LINEAR PROGRAMMING
ON SPARE DUALITY AND ENVELOPES OF HOLOMORPHY
SYMMETRIC DUALITY IN MATHEMATICAL PROGRAMMING
SYMMETRIC DUALITY IN MATHEMATICAL PROGRAMMING
SYMMETRIC DUALITY FOR QUADRATIC PROGRAMMING IN COMPLEX SPACE
SYMMETRIC DUALITY FOR VARIATIONAL PROBLEMS

AFOSR68-0280
AFOSR68-2436
ARL 67-0138
ARL 68-0276
ARL 68-1272
AFOSR68-0512
ARL 67-1029
ARL 67-1030
ARL 68-0090
ARL 68-0275

DUALS

ON BANACH SPACES WHOSE DUALS ARE L_1 SPACES

AFOSR68-0240

DUCT

MAGNETOHYDRODYNAMIC FLOW IN A RECTANGULAR DUCT WITH CONDUCTING ELECTRODES
AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO MHD DUCT FLOW
HEAT TRANSFER ON MHD FLOW IN THE ENTRANCE REGION OF A FLAT DUCT
COMPRESSIBLE LAMINAR MAGNETOHYDRODYNAMIC BOUNDARY LAYER FLOW INSIDE A FLAT DUCT WITH HEAT TRANSFER

AFOSR67-2460
AFOSR68-0958
AFOSR68-0726
AFOSR68-0598

DUCTILITY

TEMPERATURE SENSITIVE DUCTILITY IN FACE CENTERED CUBIC COPPER ALLOYS

AFML 67-0082

DURATION

DURATION OF COLD TEMPERATURE OVER NORTH AMERICA
THE DURATION OF RE-ENTRAINMENT OF CIRCADIAN RHYTHMS AFTER PHASE SHIFTS OF THE ZEITGERER
LOUDNESS AS A FUNCTION OF THE DURATION OF AUDITORY STIMULATION
PERCEIVED BRIGHTNESS AS A FUNCTION OF DURATION OF DARK-ADAPTATION
A STOCHASTIC MODEL OF THE FREQUENCY AND DURATION OF WEATHER EVENTS
ON THE WAVELENGTH DEPENDENCE OF THE BANDWIDTH AND THE DURATION OF TYPE I SOLAR RADIO BURSTS

AFOSR67-0232
AFOSR67-0499
AFOSR68-2557
AFOSR68-2554
AFOSR67-0125
AFOSR68-0204

DUST

FIELD TESTING THE ARL DUST SEPARATOR

ARL 67-1255

DWARFS

TWO K DWARFS WITH ENHANCED BANDS OF MOLECULAR CARBON
THE EINSTEIN REDSHIFT IN WHITE DWARFS
RAPIDLY ROTATING STARS II MASSIVE WHITE DWARFS
THE ABUNDANCES OF LITHIUM AND BERYLLIUM IN SOME F DWARFS AND K GIANTS
NARROW- AND BROAD-BAND PHOTOMETRY OF RED STARS II DWARFS

AFOSR68-2130
AFOSR67-2197
AFOSR68-1032
AFOSR67-0386
AFOSR68-2269

DYE-BOVINE

EXTRINSIC COTTON EFFECTS IN DYE-BOVINE PLASMA ALBUMIN ADDUCTS

AFOSR68-0312

DYES

INTRAMOLECULAR HYDROGEN BONDING OF AZO DYES IN AQUEOUS SOLUTION
INVESTIGATION OF SPECTRAL BLEACHING IN PASSIVE D-SWITCH DYES
CIS-TRANS ISOMERIZATION AND PULSED LASER STUDIES OF SUBSTITUTED INDIGO DYES

AFOSR68-1321
AFOSR67-0450
AFOSR68-0659

DYNAMIC

DYNAMIC SNAP-THROUGH OF IMPERFECT VISCOELASTIC SHALLOW ARCHES
DYNAMIC EFFECTS IN GAS ELECTRON DIFFRACTION
DYNAMIC BUCKLING OF A CIRCULAR RING CONSTRAINED IN A RIGID CIRCULAR SURFACE
DYNAMIC SNAP-THROUGH OF AN ELASTIC IMPERFECT SIMPLE SHALLOW TRUSS
DYNAMIC STABILITY OF A PENDULUM UNDER COEXISTENCE OF PARAMETRIC AND FORCED EXCITATION
DYNAMIC COMMUNICATION NETWORKS

AFOSR67-0856
AFOSR67-0863
AFOSR67-1945
AFOSR67-2452
AFOSR68-0001
AFOSR68-0090

DYNAMIC STABILITY OF STRUCTURES - INTERNATIONAL CONFERENCE ON DYNAMIC STABILITY OF STRUCTURES 18-20 OCT 1965
 DYNAMIC TEMPERATURE MEASUREMENT DURING AXIAL IMPACT OF ANNEALED ALUMINUM TUBES
 DYNAMIC STRAIN CONCENTRATION FACTOR FOR A NOTCH
 DYNAMIC COLLAPSE OF THE ISOTHERMAL SPHERE
 THE DYNAMIC PLASTIC-PLASTIC INTERFACE AND RELATED TOPICS
 THE DYNAMIC LOW CYCLE TESTING MACHINE DESIGN AND CALIBRATION
 A LARGE DYNAMIC RANGE MICROWAVE POWER MEASUREMENT SYSTEM EMPLOYING FEEDBACK
 EXTENDED DYNAMIC RANGE PROCESSING FINAL REPORT NOV 1967
 STATIC AND DYNAMIC INSTABILITIES OF A PROPELLANT LINE
 AXISYMMETRIC DYNAMIC SNAP-THROUGH OF ELASTIC CLAMPED SHALLOW SPHERICAL SHELLS
 PERCEPTION OF DYNAMIC STIMULI FINAL REPORT SEPT 1968
 A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT FINAL
 A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT
 QUANTUM THEORY OF DYNAMIC MAGNETORESISTANCE
 UNCERTAINTY ANALYSIS IN DYNAMIC SYSTEMS
 RESEARCH ON ADVANCED GAS DYNAMIC TEST FACILITIES FINAL REPORT APRIL 1967
 CONSTITUTIVE EQUATIONS FOR DYNAMIC MATERIAL BEHAVIOR
 GENERATION AND DETECTION OF DYNAMIC NEWTONIAN GRAVITATIONAL FIELDS AT 1600 CPS
 NANOSSECOND TIME DIFFERENCES BY DYNAMIC STORAGE OF FLIP-FLOP PULSES
 A SINUSOIDAL WAVE GENERATOR FOR DYNAMIC TESTING OF FLUIDIC DEVICES
 TRANSITION MATRIX DESCRIPTION OF DYNAMIC MAGNETOCONDUCTIVITY
 SIMPLE INSTABILITY MECHANISMS FOR DYNAMIC LOADING FINAL REPORT MAR 1969
 EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC STRENGTH OF COMPOSITES
 PARAMAGNETIC-RESONANCE STUDY OF THE DYNAMIC JAHN-TELLER EFFECT IN CALCIUM FLUORIDE SCANDIUM TWO PLUS AND STRONTIUM
 AN EXPERIMENTAL DETERMINATION OF THE DYNAMIC VISCOSITY OF ATMOSPHERIC ARGON FROM 3500 TO 8500 DEGREES KELVIN
 THEORY OF INELASTIC STRESS PROPAGATION AND DYNAMIC FRACTURE
 ROCKET ANTENNA MULTIFACTOR BREAKDOWN UNDER DYNAMIC PRESSURE CONDITIONS
 PROSPECTS FOR SIMULATION AND SIMULATORS OF DYNAMIC SYSTEMS SPARTAN BOOKS NEW YORK 1967 FINAL REPORT JAN 1967
 ALGEBRA AUTOMATA II THE CATEGORICAL FRAMEWORK FOR DYNAMIC ANALYSIS
 WIND-TUNNEL MEASUREMENT AT M EQUALS 4.78 OF SOME STATIC AND DYNAMIC AERO-DYNAMIC CHARACTERISTICS OF FINNED MISSILES
 INFLUENCE OF TRANSVERSE SHEAR AND EDGE CONDITION ON NONLINEAR VIBRATION AND DYNAMIC BUCKLING OF HOMOGENEOUS AND

AFOSR66-0474
 AFOSR66-0475
 AFOSR66-0476
 AFOSR66-1087
 AFOSR67-1440
 AFOSR66-0247
 AFOSR67-0506
 AFOSR67-0633
 AFOSR67-1395
 AFOSR66-0469
 AFOSR66-1926
 AFOSR66-0406
 AFOSR66-1670
 AFOSR67-1132
 AFOSR67-1413
 ARL 67-0069
 AFOSR67-2311
 AFOSR66-1284
 AFOSR67-0545
 AFOSR66-2582
 AFOSR67-1527
 AFOSR66-0245
 AFOSR67-1983
 AFOSR67-1203
 AFOSR66-1210
 AFOSR67-0119
 AFOSR66-0155
 AFOSR66-1361
 AFOSR66-0454
 ARL 66-0246
 AFOSR67-1011

DYNAMICAL

DYNAMICAL THEORY OF STRONG INTERACTIONS
 DYNAMICAL EQUATIONS FOR OPTIMAL NONLINEAR FILTERING
 DYNAMICAL APPROACH TO CURRENT ALGEBRA
 DYNAMICAL REARRANGEMENT OF SYMMETRIES II THE COMPLEX SCALAR FIELD
 DYNAMICAL COMPUTATION OF PHOTON CORRELATIONS AND COUNTING STATISTICS
 DYNAMICAL SCREENING AND MAGNETIC PHASES FOR ELECTRONS IN SOLIDS
 DYNAMICAL GROUP $O(4, 2)$ FOR BARYONS AND THE BEHAVIOR OF FORM FACTORS
 DYNAMICAL PROPERTIES OF TRUNCATED WIENER-HERMITE EXPANSIONS
 DYNAMICAL THEORY OF HADRONS AND LEPTONS
 ON DYNAMICAL SYSTEMS WITH HIGH FREQUENCY PARAMETRIC EXCITATION
 EXTENDED DYNAMICAL SYSTEMS AND STABILITY THEORY
 THEORY OF DYNAMICAL SYSTEMS REPRESENTED BY DIFFERENTIAL EQUATIONS AND ALGEBRAIC STRUCTURES
 INFERENCES OF DYNAMICAL NOTIONS OF THE UK3 SATELLITE VIA OPTICAL TECHNIQUES
 STUDIES IN THE DYNAMICAL PREDICTION AND INTERPRETATION OF WEATHER SYSTEMS FINAL REPORT OCT 1968
 NEW SOURCE FOR DYNAMICAL GRAVITATIONAL FIELDS
 RESEARCH ON FLUID DYNAMICAL MODELS OF THE LARGE SCALE ATMOSPHERIC CIRCULATIONS FINAL REPORT APR 1967
 RESEARCH IN NUMERICAL DYNAMICAL AND OPERATIONAL WEATHER FORECAST PROCEDURES FINAL REPORT APR 1968
 STABILITY OF STOCHASTIC DYNAMICAL SYSTEMS
 THEORETICAL STUDY OF SOME DYNAMICAL PROPERTIES OF PERFECT AND IMPERFECT CRYSTALS FINAL REPORT APRIL 1968
 ALGEBRAIC STRUCTURE OF LINEAR DYNAMICAL SYSTEMS I THE MODULE OF SIGMA
 NONLINEAR FILTERING THE EXACT DYNAMICAL EQUATIONS SATISFIED BY THE CONDITIONAL MODE
 ALGEBRAIC ASPECTS OF THE THEORY OF DYNAMICAL SYSTEMS
 POSSIBLE CONFORM INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY
 A STUDY OF THE MODAL PROPERTIES OF LINEAR DYNAMICAL SYSTEMS
 SOME NONLOCAL RESULTS FOR WEAKLY NONLINEAR DYNAMICAL SYSTEMS
 DIAGNOSIS OF SPACECHRAFT SURFACE PROPERTIES AND DYNAMICAL NOTIONS BY OPTICAL PHOTOMETRY
 STABILITY THEORY AND THE ASYMPTOTIC BEHAVIOR OF DYNAMICAL SYSTEMS
 MEMORY EFFECTS AND THE AUTOCORRELATION FUNCTION OF DYNAMICAL VARIABLE
 CALCULATION OF TRANSITION PROBABILITIES FROM NONCOMPACT DYNAMICAL GROUPS
 TRANSITION PROBABILITIES OF THE HYDROGEN ATOM FROM NONCOMPACT DYNAMICAL GROUPS
 SOME CRITICAL REMARKS ON A NEW NUMERICAL METHOD FOR SIMULATION OF DYNAMICAL SYSTEMS
 CURRENT OPERATORS AND MAJORDANA EQUATION FOR THE HYDROGEN ATOM FROM DYNAMICAL GROUPS
 CHARGE INVARIANCE AND GROUP TRANSFORMATION PROPERTIES OF THE SCATTERING IN A DYNAMICAL MODEL
 COMPARISON OF NUMERICAL CALCULATIONS AND MEASURED SPACE-TIME RESOLVED PLASMA PROPERTIES OF A DYNAMICAL THETA PINCH

AFOSR67-1196
 AFOSR67-1352
 AFOSR67-1455
 AFOSR67-1511
 AFOSR67-2583
 AFOSR67-2652
 AFOSR67-2804
 AFOSR66-0829
 AFOSR66-1316
 AFOSR66-2637
 AFOSR67-2474
 AFOSR66-2209
 ARL 68-1084
 AFOSR66-0541
 AFOSR67-1615
 AFOSR67-0166
 AFOSR66-0206
 AFOSR67-1274
 AFOSR66-1545
 AFOSR67-1469
 AFOSR67-2178
 AFOSR67-2348
 ARL 67-1331
 AFOSR66-0200
 AFOSR66-2836
 ARL 68-1344
 AFOSR67-1084
 AFOSR66-0029
 AFOSR67-2110
 AFOSR67-2091
 AFOSR67-1014
 AFOSR67-2134
 AFOSR66-1218
 AFOSR67-0819

DYNAMICS

DYNAMICS AT INFINITE MOMENTUM
 DYNAMICS OF FLUIDS AND PLASMAS-SYMPOSIUM HELD IN HONOR OF PROFESSOR J. M. BURGERS UNIVERSITY OF MARYLAND OCTOBER 7-9
 DYNAMICS OF FLUID TURBULENCE
 DYNAMICS AND VIBRATIONS OF MULTILAYERED AND LAYERED PLATES AND SHELLS INCLUDING THOSE OF SANDWICH CONSTRUCTION FINAL
 DYNAMICS OF THE FOUR-FEET WATER IN GENERAL RELATIVITY
 DYNAMICS OF RECTANGULAR AND LAMINAR POST STIMULUS DISCHARGE
 DYNAMICS OF RECTANGULAR PLATES
 DYNAMICS OF LIQUIDS FINAL REPORT DEC 1967
 DYNAMICS BASED ON RISING REGGE TRAJECTORIES
 DYNAMICS OF ELECTRONS IN SOLIDS IN EXTERNAL FIELDS
 DYNAMICS OF SUBMERGED REINFORCED CYLINDRICAL SHELLS
 DYNAMICS OF BINARY COLLISION AMONG FOUR PARTICLES
 DYNAMICS OF OPTICAL MIXING IN A HE-NE LASER
 THE DYNAMICS OF THE STRATOSPHERE DURING THE 1958 WARMING
 THE DYNAMICS OF A BEAM OF CHANGING CROSS SECTION
 THE DYNAMICS OF CRYSTAL LATTICES WITH DEFECTS
 CRYSTAL DYNAMICS
 PLASMA DYNAMICS AND INTERACTION WITH HIGH FREQUENCY FIELDS FINAL REPORT APRIL 1968
 PLASMA DYNAMICS FINAL REPORT JAN 1968
 LATTICE DYNAMICS AND THERMAL PROPERTIES OF LITHIUM HYDRIDE AND LITHIUM FLUORIDE CRYSTALS
 QUANTUM DYNAMICS IN PHASE SPACE
 LATTICE DYNAMICS OF WURZITE/CDs
 LATTICE DYNAMICS AND PROPERTIES OF CdS WURZITE
 CHEMICAL DYNAMICS ON CRYSTAL SURFACES FINAL REPORT SEPT 1968
 DISLOCATION DYNAMICS IN STRESS RELAXATION
 MAGNETOFLUID DYNAMICS: 19TH CENTURY PROPHECY
 MECHANISM AND DYNAMICS OF COAXIAL PLASMA ACCELERATION FINAL REPORT MARCH 1967
 SURFACE LATTICE DYNAMICS OF SILVER I LOW-ENERGY ELECTRON DERIVE-WALLER FACTOR
 SURFACE LATTICE DYNAMICS OF SILVER II LOW-ENERGY ELECTRON THERMAL DIFFUSE SCATTERING
 MICROCIRCULATION DYNAMICS
 RESEARCH ON FLUID DYNAMICS IN JAPAN
 RESEARCH ON FLUID DYNAMICS IN JAPAN
 ANALYSIS OF FLUID DYNAMICS OF SUPERSONIC COMBUSTION PROCESS CONTROLLED BY MIXING
 ON THE RELATIVISTIC DYNAMICS OF POLARIZED SYSTEMS
 ASTROPHYSICAL FLUID DYNAMICS FINAL REPORT FEB 1968

AFOSR67-0058
 AFOSR67-0939
 AFOSR67-1474
 AFOSR67-2308
 AFOSR66-0297
 AFOSR66-0479
 AFOSR66-0577
 AFOSR66-1041
 AFOSR66-1364
 AFOSR66-2047
 AFOSR66-2241
 AFOSR66-2355
 ARL 68-0033
 AFOSR67-0306
 AFOSR66-1550
 ARL 68-1154
 AFOSR67-1463
 AFOSR66-2194
 AFOSR66-2305
 AFOSR67-1127
 AFOSR66-2402
 ARL 67-0267
 ARL 67-1282
 AFOSR66-2308
 ARL 68-1165
 ARL 68-1003
 AFOSR67-1042
 AFOSR67-0533
 AFOSR67-2475
 AFOSR66-0841
 ARL 67-1204
 ARL 68-0041
 ARL 68-1114
 AFOSR66-1043
 AFOSR66-1451

DYNAMICS

- CONTINUED

LIGAND SUBSTITUTION DYNAMICS
NUMERICAL STUDIES IN GAS DYNAMICS FINAL REPORT APRIL 1966
NONLINEAR THEORY OF PLASMA DYNAMICS FINAL REPORT FEB 1966
SUPERNOVAE AND INTERSTELLAR GAS DYNAMICS
LOW DENSITY HIGH TEMPERATURE GAS DYNAMICS FINAL REPORT DEC 1966
THE APPLICATION OF IMPLASTIC WAVE DYNAMICS TO A HYPERVELOCITY LAUNCHER, FINAL REPORT DEC 1967
APPLICATION OF NOZZLE RADAR TO STORM DYNAMICS FINAL REPORT JAN 1967
ADVANTAGES OF REGULARIZATION IN SPACE DYNAMICS
THE TRANSITION REGIME OF RAREFIED GAS DYNAMICS FINAL REPORT JULY 1968
INVESTIGATION OF STORM BLAST WAVES AND THE DYNAMICS OF LASER INDUCED PLASMAS IN HIGH PRESSURE GASES
LASER INDUCED ELECTRICAL BREAKDOWN AND NOCK DYNAMICS IN SUPER-HIGH PRESSURE GASES
EXPERIMENTAL AND THEORETICAL STUDY OF LATTICE DYNAMICS FINAL REPORT SEPT 1967
AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH 3RD COCOA BEACH FLORIDA 27-30 JUN 1967 COMPILATION
A NOTE ON VOLTERRA INTEGRAL EQUATIONS AND TOPOLOGICAL DYNAMICS
THEORETICAL RESEARCH IN KINETIC THEORY AND RAREFIED GAS DYNAMICS
SERIES OF LECTURES ON SEPARATED FLOWS/ VON KARMAN INSTITUTE FOR FLUID DYNAMICS, BRUSSELS, BELGIUM, PART I / EXACT
COMPILATION OF ABSTRACTS-4TH AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH
A REPORT ON JOINT AMERICAN PHYSICAL SOCIETY AND JAPANESE PHYSICAL SOCIETY MEETING ON FLUID DYNAMICS HONOLULU HAWAII

DYNAMO
THERMALLY DRIVEN ROSSBY-MODE DYNAMO FOR SOLAR MAGNETIC-FIELD REVERSALS

DYNAMOS
THERMALLY DRIVEN ROSSBY-MODE HYDROMAGNETIC DYNAMOS
CONSTRUCTION OF STEADY-STATE HYDROMAGNETIC DYNAMOS I SPATIALLY PERIODIC FIELDS
CONSTRUCTION OF STEADY STATE HYDROMAGNETIC DYNAMOS II THE SPHERICAL CONDUCTOR

DYSON
USE OF THE DYSON REPRESENTATION IN CURRENT-ALGEBRA CALCULAT

DYSPROSIUM
MAGNETIC PROPERTIES OF THE INTERMETALLIC COMPOUNDS DYSPROSIUM SUBX YTTRIUM SUB ONE MINUS X IRON SUB TWO PLUS

DYSPROSIUM
MAGNETIC MOMENT MEASUREMENTS IN SINGLE-CRYSTAL DYSPROSIUM HOLMIUM EUROPIUM AND GADOLINIUM IN DC FIELDS UP TO 170 KG
HIGH-FREQUENCY PARAMAGNETIC-RESONANCE STUDIES OF TRIVALENT DYSPROSIUM IN CALCIUM FLUORIDE

EARTH
EARTH EXPANSION GENERAL RELATIVITY PROBLEMS OF ABSTRACT ALGEBRA FINAL JUNE 1967
RARE EARTH COMPOUNDS
RARE EARTH IMPURITIES IN II-VI COMPOUNDS
RARE EARTH METAL SINGLE CRYSTALS II MAGNETIC PROPERTIES OF THULIUM EUROPIUM SAMARIUM AND YTTERBIUM
RARE EARTH CHELATES OF 1 1 1 2 2 3 3-HEPTAFLUORO-7 7- DIMETHYL-4 6-OCTANEDIONE
RARE EARTH STABILIZED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS
RARE EARTH BATA-DIKETONATE COMPLEXES
RARE EARTH IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS
SOLID EARTH TIDES AS A TRIGGERING MECHANISM FOR EARTHQUAKES
STUDY OF EARTH NOISE ON LAND AND SEA BOTTOM
THE RARE EARTH COMPLEXES OF HEPTAFLUORO-OCTANEDIONE
VOLATILE RARE EARTH CHELATES
VOLATILE RARE EARTH, ZIRCONIUM AND HAFNIUM CHELATES OF BETA -DIKETONES
VOLATILE RARE EARTH CHELATES OF BETA-DIKETONES
VOLATILE RARE EARTH CHELATES OF BATA-DIKETONES
VOLATILE RARE EARTH, ZIRCONIUM, AND HAFNIUM CHELATES OF BATA-DIKETONES
MINIMUM TIME FOR EARTH TO MAPS TRAJECTORY FOR A SOLAR SAIL
THE VOLATILE RARE EARTH CHELATES OF 1,1,1,2,2,3,3- HEPTAFLUORO-7,7-DIMETHYL-4,6-OCTANEDIONE
THE VOLATILE RARE EARTH CHELATES OF 1,1,1,2,2,3,3- HEPTAFLUORO-7,7-DIMETHYL-4,6-OCTANEDIONE
THE VOLATILE RARE EARTH CHELATES OF HEPTAFLUORO-OCTANEDIONE
THE VOLATILE RARE EARTH CHELATES OF HEPTAFLUORO-OCTANEDIONE
ANHYDROUS AND HYDRATED RARE EARTH ACETYLACETONATES AND THEIR INFRARED SPECTRA
ELECTRICAL PROPERTIES OF RARE EARTH OXIDES FINAL REPORT OCT 1967
PARAMAGNETIC RESONANCE IN RARE EARTH METALS FINAL REPORT JUNE 1967
ORBIT PERTURBATIONS OF ARTIFICIAL EARTH SATELLITES AS FUNCTIONS OF GRAVITY ANOMALIES AND DIFFERENTIAL CORRECTIONS OF
THE PRESSURE AND THE INTERNAL STRUCTURE OF EARTH /SPANISH/
NUCLEAR MAGNETIC RELAXATION OF F-19 IN RARE EARTH DOPED LANTHANUM TRIFLUORIDE
PERIODIC COVARIATION OF RADIOWAVE ABSORPTION EARTH CURRENTS AND OTHER ASSOCIATED PHENOMENA IN THE AURORAL ZONE
THE CRYSTAL CHEMISTRY OF SELECTED ABSORPTIVE RARE EARTH COMPOUNDS WITH SILENIUM TELLURIUM AND ANTIMONY
AXIAL MAGNETIC ANISOTROPY IN THE HEAVIER RARE EARTH SODIUM MOLYBDATE
MAGNETIC SUSCEPTIBILITIES OF THE HEAVIER RARE EARTH SODIUM MOLYBDATE
STUDY OF THE ENERGY OF THE FREE OSCILLATIONS OF THE EARTH
A COUNTER FOR THE MEASUREMENT OF THE ATMOSPHERIC AND EARTH LEAKAGE FLUX OF SECONDARY COSMIC RAY NEUTRONS
ATTENUATION OF THE TORSIONAL FREE OSCILLATIONS IN AN EARTH WITH A DISSIPATIVE MANTLE AND A DISSIPATIVE SOFT-SOLID CORE
GEMINI VII SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH -CLOUD BACKGROUNDS /U/
PHYSICS OF VIBRONIC TRANSITIONS IN THE SPECTRA FOR RARE EARTH IONS IN CRYSTALS FINAL REPORT FEB 1967
THE PRESSURE FIELD AND THE INTERNAL CONSTITUTION OF THE EARTH
MEASUREMENT OF Q VALUES FROM THE FREE OSCILLATIONS OF THE EARTH
ON THE DIFFRACTION BY A KNIFE-EDGE OBSTACLE ON A CONDUCTING EARTH
PROPAGATION OF DISTURBANCES IN A GUTENBERG-BULLEN A SPHERICAL EARTH MODEL TRAVEL TIMES AND AMPLITUDES OF S WAVES
DISSIPATION FACTOR OF THE TORSIONAL MODE FOR A HOMOGENEOUS- MANTLE EARTH WITH A SOFT-SOLID OR A VISCOUS-LIQUID CORE
SELF CONSISTENT ONE BAND CALCULATIONS WITH SPECIAL COMMENTS ON SATURATED EARTH PLUGS
DISSIPATION FACTOR OF THE TORSIONAL MODE DEGREES TSUB2 FOR A HOMOGENEOUS-MANTLE EARTH WITH A SOFT-SOLID OR A
ANISOTROPIC PROPAGATION OF SOLAR PROTONS DEFLECTED FROM SIMULTANEOUS OBSERVATIONS BY EARTH SATELLITES AND THE MARINER
THE METHOD OF CALCULATION TABLES OF AMPLITUDE AND AMPLITUDE OF THE MOVEMENTS OF THE EARTH IN CUALQUIER SEISMOGRAPH
ENHANCED EFFECTIVE FREQUENCY OF INTERACTION DUE TO LOCALIZED SPINS IN DILUTE ALLOYS AND RARE EARTH METALS
THEORETICAL SEISMOGRAMS OF TORSIONAL DISTURBANCES EXCITED AT A FOCUS WITHIN A HETEROGENEOUS SPHERICAL EARTH - CASE OF

EARTH-ALUMINUM
CRYSTAL CHEMISTRY OF ABSORPTIVE STRUCTURES I INVESTIGATIONS ON ABSORPTIVE SECTIONS IN THE TERNARY SYSTEMS RARE EARTH-ALUMINUM- AFOSR67-2737

EARTH-CARBON
MASS SPECTROMETRIC STUDY OF RARE EARTH-CARBON SYSTEMS. I. THE CERIUM-CARBON SYSTEM. II. ATOMIZATION ENERGY OF THE NOCA AFML 67-0335

EARTH-CLOUD
GEMINI V 04/ 07 SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH-CLOUD BACKGROUNDS

EARTHQUAKE

THE EARTHQUAKE SEQUENCE OF SEPTEMBER 1965 NEAR ANTIOCH CALIFORNIA
 PARKFIELD EARTHQUAKE OF JUNE 28 1966 MAGNITUDE AND SOURCE MECHANISM
 THE JUNE 21 1967 EARTHQUAKE SERIES AT FAIRBANKS ALASKA AFTERSHOCK LOCATIONS DEPTHS AND MAGNITUDES
 ON QUANTITATIVE DETERMINATION OF EARTHQUAKE RISK
 THE FOCAL MECHANISM OF THE ALASKA EARTHQUAKE OF MARCH 28 1964 AND OF ITS AFTERSHOCK SEQUENCE
 SEISMIC STITCHES FROM THE MARCH 1964 ALASKA EARTHQUAKE
 TERAHERTZ SPECTROSCOPY FOLLOWING THE RAY ISLAND EARTHQUAKE
 AFTERSHOCKS AND MICROAFTERSHOCKS OF THE GREAT ALASKA EARTHQUAKE OF 1964
 1 - AFTERSHOCK P-WAVE SPECTRA AND DYNAMIC FEATURES OF THE FEBRUARY 4 1965 ALEUTIAN ISLANDS EARTHQUAKE SEQUENCE - 11 -

AFOSR67-0884
 AFOSR68-1434
 AFOSR67-2860
 AFOSR68-1440
 AFOSR67-0093
 AFOSR68-0604
 AFOSR67-0089
 AFOSR68-0396
 AFOSR67-0141

EARTHQUAKES

MECHANISM OF EARTHQUAKES AND NATURE OF FAULTING ON THE MID-OCEANIC RIDGES
 THE FOCAL MECHANISM OF EARTHQUAKES IN THE SOUTHERN COAST OF THE IBERIAN PENINSULA
 THE PARKFIELD CALIFORNIA EARTHQUAKES OF 1966
 ARTIFICIAL STIMULATION OF EARTHQUAKES
 A COMPARISON OF LONG SHOT AND EARTHQUAKES FINAL REPORT AUG 1967
 AFTERSHOCK SEQUENCES OF SOME LARGE EARTHQUAKES IN THE REGION OF GREECE
 THE S-WAVE PROJECT FOR FOCAL MECHANISM STUDIES EARTHQUAKES OF 1963
 SOLID EARTH TIDES AS A TRIGGERING MECHANISM FOR EARTHQUAKES
 COMMENT ON PAPER BY C. LOMITZ / STATISTICAL PREDICTION OF EARTHQUAKES /
 SHORT-TERM SEISMIC ENERGY RADIATION PATTERNS FROM UNDERGROUND NUCLEAR EXPLOSIONS AND SMALL-MAGNITUDE EARTHQUAKES

AFOSR67-0327
 AFOSR67-2717
 AFOSR68-1446
 AFOSR68-2206
 AFOSR67-2690
 AFOSR68-0007
 AFOSR67-0086
 AFOSR67-2708
 AFOSR68-0162
 AFOSR67-0326

EARTHS

EARTHS VISCOSITY
 THE EARTHS AND SHOCK WAVE
 DISSIPATION IN THE EARTHS MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTHS CORE DETERMINED FROM WAVES MULTIPLY
 INTERACTION OF THE EARTHS MAGNETIC FIELD WITH THE SOLAR WIND FINAL REPORT DEC 1967
 DISSIPATION IN THE EARTHS MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTHS CORE DETERMINED FROM WAVES MULTIPLY
 TECTONIC FEATURES OF THE EARTHS CRUST AND UPPER MANTLE FINAL REPORT AUG 1967
 COORDINATION NUMBER OF THE RARE EARTHS IN SOME OF THEIR CHELATES
 RADIO REFLECTION BY FREE RADICALS IN EARTHS ATMOSPHERE
 SEISMIC EVIDENCE FOR A NEW LAYERED STRUCTURE OF THE EARTHS CORE
 CRYSTAL GROWTH STUDIES OF THE ALKALI METALS THE RARE EARTHS AND COBALT FINAL REPORT AUG 1967
 CALCULATIONS OF REFLECTED AND TRANSMITTED RADIANCE FOR EARTHS ATMOSPHERE
 DISSIPATION IN THE EARTHS MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTHS CORE DETERMINED FROM WAVES MULTIPLY
 A STUDY OF THE CORE-MANTLE BOUNDARY USING P WAVE DIFFRACTED BY THE EARTHS CORE
 DISSIPATION IN THE EARTHS MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTHS CORE DETERMINED FROM WAVES MULTIPLY
 BASIC RESEARCH ON THE SEPARATION OF SCANDIUM, YTTRIUM, AND THE RARE EARTHS BY SOLVENT EXTRACTION FINAL REPORT DECEMBER ARL 68-0210

AFOSR67-2003
 AFOSR67-0341
 AFOSR67-0639
 AFOSR68-0047
 AFOSR67-2707
 AFOSR67-1797
 ARL 68-1431
 AFOSR67-2748
 AFOSR67-2115
 AFOSR67-1892
 AFOSR67-0559
 AFOSR67-0639
 AFOSR67-1193
 AFOSR67-2707
 ARL 68-0210

EAST

THE EAST COAST ONSHORE OFFSHORE EXPERIMENT I THE FIRST ARRIVAL PHASES FINAL REPORT MARCH 1967
 U.S. VULNERABILITIES AS PORTRAYED IN THE EAST GERMAN TELEVISION FILM PILOTS IN PAJAMAS
 SOLAR DAILY VARIATION RECORDED AT A LOW LATITUDE STATION BY EAST AND WEST POINTING TELESCOPES DURING PERIODS OF

AFOSR67-0852
 AFOSR68-1623
 AFOSR67-0794

EAST-WEST

EAST-WEST MOVEMENTS OF PULSATING AURORAL-ZONE X-RAY EVENTS

AFOSR68-1144

EASTERN

BUREAUCRATIC CONSERVATISM AND INNOVATION IN EASTERN EUROPE
 AN INVESTIGATION OF SEISMIC WAVE PROPAGATION IN THE EASTERN UNITED STATES

AFOSR68-2546
 AFOSR68-1943

EASY

DESCRIPTION OF EASY ENGLISH
 ABSOLUTE RECOVERY OF FIRST-LIST RESPONSES FROM UNLEARNING DURING 26 MINUTES FILLED WITH AN EASY RE DIFFICULT

AFOSR68-0545
 AFOSR67-2233

ECCENTRICALLY

ON THE STABILITY OF ECCENTRICALLY STIFFENED CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION

AFOSR67-2442

ECCENTRICITY

INVERSION OF THE ECCENTRICITY EFFECT IN STIFFENED CYLINDRICAL SHELLS BUCKLING UNDER EXTERNAL PRESSURE

AFOSR67-0467

ECHO

CYCLOTRON ECHO STUDY FINAL REPORT AUG 1968
 COLLISIONAL DAMPING OF A PLASMA ECHO

AFOSR68-0473
 AFOSR68-1062

ECHOES

ION-WAVE ECHOES
 DISTRIBUTIONS OF RADAR ECHOES OVER THE UNITED STATES
 OBSERVATION OF CYCLOTRON ECHOES FROM A HIGHLY IONIZED PLASMA
 HEIGHT DETERMINATION OF RADAR ECHOES FROM METEOR TRAILS
 QUANTITATIVE OBSERVATIONS OF DUTY ANGEL ECHOES AT TWO FREQUENCIES
 A CLIMATOLOGY OF VERY HIGH ALTITUDE RADAR PRECIPITATION ECHOES
 TEST-PARTICLE PROPAGATOR AND ITS APPLICATION TO THE DECAY OF PLASMA WAVE ECHOES
 DESIGN OF A DIGITAL SIMULATION OF THE POLAR PLANIMETER FOR CALCULATING AREAS OF ECHOES FROM RADAR WEATHER OBSERVATIONS AFOSR68-0341

AFOSR68-2005
 AFOSR67-0232
 AFOSR67-1972
 AFOSR67-0108
 AFOSR67-0820
 AFOSR68-0630
 AFOSR68-2693
 AFOSR68-0341

ECLIPSE

ROCKET INSTRUMENTATION FOR SOLAR ECLIPSE MEASUREMENTS 12 NOVEMBER 1966
 SPECTROPHOTOMETRIC STANDARDS FOR THE 1962 TOTAL SOLAR ECLIPSE

AFOSR67-0336
 AFOSR68-0097

ECOLOGICAL

ECOLOGICAL STUDY IN KOREA - PART I A COOPERATIVE PROGRAM FOR ECOSYSTEM RESEARCH IN KOREA FINAL REPORT SEPT 1968
 ECOLOGICAL STUDY IN KOREA - PART II KOREAN CENTER FOR ENVIRONMENTAL STUDIES FINAL REPORT JAN 1968

AFOSR68-2148
 AFOSR68-2149

ECONOMICAL

TOWARD ECONOMICALLY REMOTE COMPUTER ACCESS

AFOSR67-2018

ECONOMICS

THE POLITICAL ECONOMICS OF SOCIAL RESEARCH THE CASE OF SOCIOLOGY
 THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE FINAL REPORT MAY 1967

AFOSR68-0579
 AFOSR67-1167

EDDIES

TURBULENT EDDIES IN HIGH-DENSITY-SPARK CHANNELS IN HELIUM

AFCL67-0944

EDDY

LIMITING RELATION FOR THE EDDY DIFFUSIVITY CLOSE TO A WALL

AFOSR67-2138

EDGE

EDGE BUCKLING OF A LAMINATED MEDIUM
EDGE EMISSION AND MAGNETO-OPTICAL EFFECTS IN COSE
EDGE EMISSION AND SPIN-ORBIT EFFECTS IN ZNS
THE EDGE EMISSION BANDS IN CADMIUM SULFIDE
GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE
GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE
GREEN EDGE EMISSION BANDS IN CHLORINE-DOPED CADMIUM SULFIDE
PHONON COUPLING IN EDGE EMISSION AND PHOTOCONDUCTIVITY OF COSP CDS AND COSP S
HELICON MAGNETOPLASMA EDGE AND PARADOX ROTATION IN SOLID STATE PLASMAS AT MICROWAVE FREQUENCIES
STUDIES OF THE LEADING EDGE EFFECT ON THE RAPIDLY HYPERSONIC FLOW OVER A FLAT PLATE
RADIATION EFFECTS ON THE EDGE EMISSION OF CDS AND COSE
RADIATION DAMAGE NEAR THE EDGE IN LITHIUM DOPED COSE
APPLICATION OF BLUNT TRAILING EDGE GLADINGS TO SUPERSONIC COMPRESSOR STAGES FINAL REPORT MAY 1967
INFLUENCE OF TRANSVERSE SHEAR AND EDGE CONDITION ON NONLINEAR VIBRATION AND DYNAMIC BUCKLING OF HOMOGENEOUS AND
APPLICATION OF THE BLUNT TRAILING EDGE BLADE CONCEPT TO LOW HUB TIP RATIO TRANSONIC SUPERSONIC COMPRESSORS FINAL
NOTE ON THE CONCEPT OF BLUNT TRAILING EDGE BLADES
FINE STRUCTURE IN THE OPTICAL ABSORPTION EDGE OF 24 SSUBXDSUBI-X SOLID SOLUTIONS
X-RAY ABSORPTION SPECTROSCOPY AT THE COPPER K EDGE
ROTOR PERFORMANCE OF THE R32-II BLUNT TRAILING EDGE BLADE SUPERSONIC COMPRESSOR
A DETAILED STUDY OF THE FLOW AROUND THE LEADING EDGE OF A FLAT PLATE IN HYPERSONIC LOW DENSITY FLOW
EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE SUPERSONIC COMPRESSOR ROTORS OF DIFFERENT BLADE THICKNESSES AND
PRELIMINARY RESULTS OF A NEW FORMULATION OF THE HYPERSONIC LEADING EDGE FLOW PROBLEM
ENERGY BAND STRUCTURE OF CUPROUS OXIDE IN THE VICINITY OF THE FUNDAMENTAL EDGE FROM MAGNETO-OSCILLATORY ABSORPTION
AEROELASTIC STABILITY CHARACTERISTICS OF CYLINDRICAL SHAPES CONSIDERING IMPERFECTIONS AND EDGE CONSTRAINT
SCANNING ELECTRON MICROSCOPE INVESTIGATION OF PLANAR DIFFUSED PN JUNCTION PROFILES NEAR THE EDGE OF A DIFFUSION MASK
LAMINAR AND TRANSITIONAL HEAT TRANSFER IN THE TWO DIMENSIONAL SEPARATED FLOW BEHIND A SHARP PROTRUDING LEADING EDGE

AFOSR68-0458
ARL 87-0166
ARL 87-1291
ARL 88-0233
ARL 87-1284
ARL 88-0309
ARL 88-0300
ARL 87-0032
AFOSR67-1689
ARL 88-1000
ARL 88-0295
ARL 87-1292
ARL 87-0120
AFOSR67-1011
ARL 88-0110
ARL 87-0063
ARL 88-0305
AFOSR68-0497
ARL 88-0020
ARL 88-1112
ARL 88-1228
AFOSR67-1936
AFOSR67-2331
AFOSR68-0389
AFOSR68-1173
ARL 88-0015

EDGES

HYPERSONIC INTERACTIONS NEAR SHARP LEADING EDGES
HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES WITH SHARP LEADING EDGES
HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES HAVING SHARP LEADING EDGES

AFOSR68-1348
AFOSR68-2816
AFOSR67-1114

EDUCATION

EDUCATION FOR POLICY MAKERS AN ANALYSIS OF LECTURES AND READING MATERIALS AT SELECTED WAR COLLEGES
CYNETNETICS AND EDUCATION
A SELECT BIBLIOGRAPHY ON STUDENTS POLITICS AND HIGHER EDUCATION
AN EXPLORATORY REVIEW AND CRITIQUE OF THE LITERATURE RELATING TO TRENDS AND CHANGES IN HIGHER EDUCATION FINAL REPORT

AFOSR68-0953
AFOSR67-2301
AFOSR68-0870
AFOSR68-1547

EDUCATIONAL

WRITEACOURSE AN EDUCATIONAL PROGRAMMING LANGUAGE
THE CONTROL OF LEARNING IN SMALL SUBSYSTEMS OF A PROGRAMMED EDUCATIONAL SYSTEM

AFOSR68-1299
AFOSR67-2722

EFFECT

EFFECT OF THE INTERPLANETARY MAGNETIC FIELD ON THE PROPAGATION OF COSMIC RAYS FINAL REPORT FEB 1968
EFFECT OF PAULI PARAMAGNETISM ON MAGNETIC PROPERTIES OF HIGH-FIELD SUPERCONDUCTORS
EFFECT OF PARAMAGNETISM AND SPIN-ORBIT SCATTERING ON H SUB CSUB 2 OR ZIRCONIUM-NIOBIUM ALLOYS
EFFECT OF INTERHEMISPHERIC TRANSECTION ON THE EEG PATTERNS IN SLEEP AND WAKEFULNESS IN MONKEYS
EFFECT OF IMPRISONMENT OF RADIATION IN SODIUM VAPOR ON THE MEASURED LIFETIME OF THE 3 SUPER 2P STATES
EFFECT OF SIMULATED SOCIAL FEEDBACK ON INDIVIDUAL TRACKING PERFORMANCE
EFFECT OF PRESSURE ON THE DIFFUSION OF IRON IN TITANIUM TITANIUM PLUS TEN PERCENT IRON
EFFECT OF SIZE AND LOCATION OF INFORMATIONAL TRANSFORMS UPON SHORT TERM RETENTION
EFFECT OF ELECTROMAGNETIC FORCE ON THE STABILITY OF LIQUID FILMS
EFFECT OF VARYING PERIODS OF COLD EXPOSURE ON THE ACTION AND METABOLISM OF HEXORABBITAL
EFFECT OF INNOVATION ON SUBCORTICAL STRUCTURES IN MONKEYS
EFFECT OF WATER AND SOME OTHER HYDROGEN BOND DONORS AND ACCEPTORS ON PAM IN ACETONITRILE OF MIXTURES OF ACIDS AND
EFFECT OF DESIPRAMINE AND NERSERINE ON THE IN VIVO 8- HYDROXYLATION OF N-METHYL-N-TYRAMINE AND N-METHYLOPPAMINE
EFFECT OF RING FORMATION ON ELECTRON SCATTERING CROSS SECTIONS FOR MOLECULES
EFFECT OF PRESSURE ON CONDUCTANCE III TETRAISODAMMONIUM PICRATE ANISOLE
EFFECT OF A MAGNETIC FIELD ON A LAYER OF FREE SURFACE MERCURY
EFFECT OF PRESSURE ON CONDUCTANCE IV IONIC ASSOCIATION AND WALDEN PRODUCTS IN ETHANOL
EFFECT OF VACUUM ENVIRONMENT ON THE BEHAVIOR OF MATERIALS
EFFECT OF RESONANCE SCATTERING AND IMPURITY CORRELATIONS ON THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF SUPER
EFFECT OF HIGH CONDUCTIVITY ON TWO-DIMENSIONAL PLASMA FLOW
EFFECT OF HEAT TREATMENT ON THE RESISTIVITY OF BETA-BRASS
EFFECT OF D-CHLOROPHENYLALANINE ON BRAIN NORADRENALINE IN MICE
EFFECT OF STRESS AND PARA-CHLOROPHENYLALANINE UPON BRAIN SEROTONIN 5-HYDROXYTRYPTOPHOLACTIC ACID AND CATECHOLAMINES IN
EFFECT OF GAPS ON THE LOADING DISTRIBUTION OF PLANAR LIFTING SURFACES
EFFECT OF THE REDUCTION OF THE PRANDTL IN THE STAGNATION REGION PAST AN AXISYMMETRIC BLUNT BODY IN HYPERSONIC FLOW
EFFECT OF ATMOSPHERES ON THE MECHANICAL PROPERTIES OF CRYSTALS FINAL REPORT OCT 1968
EFFECT OF SURFACE ROUGHNESS ON AXISYMMETRIC LAMINAR SEPARATED FLOWS AT M EQUALS 5.4
EFFECT OF INITIAL IMPERFECTIONS ON THE INSTABILITY OF A RING CONFINED IN AN IMPERFECT RIGID BOUNDARY
EFFECT OF DIRECTLY AND INDIRECTLY ACTING SYMPATHOMIMETIC AMINES ON ADRENERGIC TRANSMITTER GRANULES
EFFECT OF N-METHYLETHANODIACETIC ACID AS A NON-BRIDGING LIGAND IN THE CHROMIUM (III)-CHROMIUM(III) ELECTRON-TRANSFER
EFFECT OF TEMPERATURE GRADIENTS ON THE PROPAGATION OF ELASTOPLASTIC WAVES
EFFECT OF TRANSLATIONAL ENERGY ON ION-MOLECULE REACTION RATES
EFFECT OF STRESS ON CDS SINGLE CRYSTALS
EFFECT OF INITIAL CONFIGURATION ON LIGATION POINT MOTION
EFFECT OF BODY INCLINATION ON THE MERGING OF A HYPERSONIC LOW DENSITY FLOW OVER SHARP TWO-DIMENSIONAL LINEAR BODIES
EFFECT OF UNIAXIAL STRESS ON THE EXCITON SPECTRUM OF ZINCLENDE-TYPE ZNSE AND ZNS
THE EFFECT OF TOPOGRAPHY AND GEOLOGY ON TELLURIC CURRENTS
THE EFFECT OF MAZE UPON UNKEHR MEASUREMENTS
THE EFFECT OF A PROFOUND RIDGE ON THE GAIN AND PATTERN OF AN ANTENNA
THE EFFECT OF LINEAR FREQUENCY MODULATION ON ANGULAR RESOLUTION AND POINTING ACCURACY
THE EFFECT OF SCANNING ON THE IMPEDANCES OF FINITE WIDESPREAD COLLINEAR AND RECTANGULAR ARRAYS
THE EFFECT OF STRONG K F FIELDS ON AN INFRARED SPECTROMETER
THE EFFECT OF COLD EXPOSURE ON THE CATECHOLAMINE EXCRETION OF RATS TREATED WITH DECABORANE
THE EFFECT OF STRONG CORRELATIONS ON BARYON-BARYON NUKA INTERACTIONS
THE EFFECT OF A UNIFORMLY DISTRIBUTED LATERAL LOAD UPON THE BUCKLING OF A CONTINUOUSLY SUPPORTED BEAM
THE EFFECT OF SUPERSEDING SIGNALS
THE EFFECT OF RING SIZE ON THE RATE OF PYROLYSIS OF CYCLOALKYL PHENYL SULFOXIDES
THE EFFECT OF NON-EQUILIBRIUM COMBUSTION ON PROPELLANT PERFORMANCE
THE EFFECT OF ADP ON THE ATPASE ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC STRENGTH
THE EFFECT OF VACUUM ON SURFACE DAMAGE IN FATIGUE FINAL REPORT SEPT 1967
THE EFFECT OF DEHYDROIN AND ADRENALINE ON BLOOD FLOW IN THE HIND LIMB OF THE DOG FOLLOWING CHRONIC LUMBAR SYMPATHECTOMY

AFCL68-0219
AFOSR67-0040
AFOSR67-1017
AFOSR67-1051
AFOSR67-1129
AFOSR67-1400
AFOSR67-1769
AFOSR67-1811
AFOSR67-2060
AFOSR67-2106
AFOSR67-2107
AFOSR67-2160
AFOSR67-2275
AFOSR68-0210
AFOSR68-0216
AFOSR68-0229
AFOSR68-0326
AFOSR68-0371
AFOSR68-0424
AFOSR68-0740
AFOSR68-0806
AFOSR68-1748
AFOSR68-1770
AFOSR68-1802
AFOSR68-2086
AFOSR68-2386
AFOSR68-2588
AFOSR67-2672
AFOSR68-2729
AFOSR68-2807
AFOSR68-2820
ARL 87-0026
ARL 87-0143
ARL 87-0204
ARL 88-1111
ARL 88-1477
AFCL67-0245
AFCL67-0367
AFCL67-0454
AFCL67-0680
AFCL68-0317
AFOSR67-0349
AFOSR67-0502
AFOSR67-0573
AFOSR67-1398
AFOSR67-1402
AFOSR67-1614
AFOSR67-2004
AFOSR67-2251
AFOSR67-2399
AFOSR67-2572

THE EFFECT OF MASS INJECTION ON HEAT TRANSFER FROM A PARTIALLY DISSOCIATED GAS STREAM
THE EFFECT OF DIFFERENT SURFACE BARRIER MODELS ON THE NOTTINGHAM ENERGY EXCHANGE PROCESS
THE EFFECT OF PROPRITYLINE ON THE METABOLISM OF DOPAMINE AND NORADRENALINE IN RABBIT BRAIN IN VITRO
THE EFFECT OF A VELOCITY DISPERSION OF THE PRIMARY PARTICLES ON AURORAL LIGHT AND X-RAY PULSATIONS
THE EFFECT OF ORIENTATION OF DROPPHATE COORDINATES ON CORIOLIS COUPLING CONSTANTS
THE EFFECT OF WALL TEMPERATURE ON THE LOW REYNOLDS NUMBER HYPERSONIC STAGNATION REGION SHOCK LAYER
THE EFFECT OF SEVERE NOISE PLUMNESS ON THE STABILITY OF SLENDER CONES IN HYPERSONIC FLOW
THE EFFECT OF HYDROGEN CHARGING ON THE PITCH RELATIONSHIP FOR ZONE-REFINED IRON
THE EFFECT OF INSTRUMENTS ON ELECTRICAL NOISE
THE EFFECT OF UNIAIAL STRESS ON COSE
THE EFFECT OF NEGATIVE IONS ON DOUBLE SPACE-CHARGE SHEATHS
THE EFFECT OF FINITE ION MASS ON THE STABILITY OF A SPACE CHARGE NEUTRALIZED ELECTRON BEAM
HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE X-BAND PARADAY ROTATION OF WATER ADSORBED ON HEMOGLOBIN
HALL EFFECT IN BLIP AND END EFFECTS IN PARADAY GENERATORS
KERR EFFECT IN POLYMER CHAINS
ANCHOR EFFECT LIMITS
EPENAN EFFECT IN A SPINLESS TWO-BODY SYSTEM
TOMASCH EFFECT AS A PROBE OF THE DISPERSION RELATION OF ELECTRONS IN GAPLESS SUPERCONDUCTORS
ISOTOPIC EFFECT IN THE REACTION OF NO WITH RARE GASES
ISOTOPIC EFFECT IN SUPERCONDUCTING RHENIUM
SMOOTHING EFFECT OF THE TURBULENCE TERM IN OBJECTIVE ANALYSIS AND NUMERICAL PREDICTION
MOSSBAUER EFFECT OF W 183 IN DIFFERENT TUNGSTEN COMPOUNDS
MOSSBAUER EFFECT STUDIES OF SURFACE REACTIONS FINAL REPORT APRIL
PROXIMITY EFFECT IN SUPERCONDUCTING CONTACTS BY ELECTRON TUNNELING
MOSSBAUER EFFECT SPECTRA OF AMMONIA ADSORPTION ON A SUPPORTED IRON CATALYST
MOSSBAUER EFFECT SPECTRA OF A SUPPORTED IRON CATALYST
MOSSBAUER EFFECT IN IRON FIFTY-SEVEN IN COPPER AND THE SPIN-COMPENSATED STATE
MOSSBAUER EFFECT AND MAGNETIC PROPERTIES OF IRON-BERYLLIUM COMPOUNDS
MOSSBAUER EFFECT IN THE STUDY OF SOLIDS FINAL REPORT NOV 1968
SURVEY OF EFFECT OF SURFACE PROPERTIES ON ANODE EROSION, FINAL REPORT APRIL 1968
INTERMODAL EFFECT UPON MARTIC JUDGMENTS OF DISTANCE
MOSSBAUER EFFECT AND LIFE TIME OF THE 46.5 KEV LEVEL OF 183 W
JAHN-TELLER EFFECT OF A D11 ION IN EIGHTFOLD CUBIC COORDINATION
THEORETICAL EFFECT OF NONEQUILIBRIUM COMBUSTION ON HYDRAZINE/NITROGEN TETROXIDE PROPELLANT PERFORMANCE
ELECTROSTATIC EFFECT AND SUPERCONDUCTIVITY IN TINY SAMPLES
HALL EXTREMUM EFFECT ON THE CYCLOTRON RESONANCE LINE SHAPE IN GALLIUM
ANOMALOUS HALL EFFECT AND OTHER RELATED NONLINEAR BULK EFFECTS FINAL REPORT SEPT 1967
ELECTRIC FIELD EFFECT ON THE CRITICAL OPALESCENCE II RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS
A REPORT ON THE EFFECT OF DEGREE OF CONFIDENCE IN STUDENT TESTING
A DYSTABILIZING EFFECT OF SEVERE NOISE PLUMNESS
TREATMENT OF THE EFFECT OF EXCLUDED VOLUME AND REDUCTION OF UNPERTURBED DIMENSIONS OF POLYMER CHAINS CONFIGURATIONAL
WALL TEMPERATURE EFFECT ON INCIDENT SEPARATION FINAL REPORT JAN 1967
THE SOLVENT ISOTOPIC EFFECT ON THE DISSOCIATION OF THE AQUOPENTAAMMINECOBALT (III) ION
HIGH TEMPERATURE HALL EFFECT IN CUPROUS OXIDE
TACTILE SPATIAL AFTER EFFECT OR ADAPTATION LEVEL
FURTHER RESEARCH ON THE EFFECT OF TEST MACHINE EXTENSIONAL RIGIDITY ON THE INITIAL BUCKLING LOAD OF UNREINFORCED
THEORY OF LATTICE RAMAN EFFECT IN INSULATORS
AN INVESTIGATION OF THE EFFECT OF SUCTION ON HYPERSONIC LAMINAR BOUNDARY-LAYER SEPARATION
POTENTIATION OF TYRANINE EFFECT ON THE ISOLATED IRIS MUSCLE BY COCAINE
PERIODIC VORTICITY AND ITS EFFECT ON JET MIXING
STUDIES OF THE LEADING EDGE EFFECT ON THE GASEIFIED HYPERSONIC FLOW OVER A FLAT PLATE
AN EXPERIMENTAL STUDY OF THE EFFECT OF LENGTH ON THE BUCKLE PATTERN OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS
LONGITUDINAL MAGNETOACOUSTIC EFFECT IN ALUMINUM
CALCULATED RAMSAUER-TOWNSEND EFFECT IN ALPHA PARTICLE-ALPHA PARTICLE COLLISIONS
INVERSION OF THE ECCENTRICITY EFFECT IN STIFFENED CYLINDRICAL SHELLS BUCKLING UNDER EXTERNAL PRESSURE
ALTERNATING CURRENT JOSEPHSON EFFECT IN SUPERFLUID HELIUM
FLUX-MOLE MOTION AND THE PEAK EFFECT IN SUPERCONDUCTIVITY
APPLICATIONS FOR THE MOSSBAUER EFFECT IN CHEMISTRY
APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES
APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES
THE ROTATION-TRANSLATION-COUPLING EFFECT IN NOBLE-GAS CRYSTALS CONTAINING MOLECULAR IMPURITIES
THERMOELECTRIC POWER OF GERMANIUM EFFECT OF 2000-ATM PRESSURE
THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH EFFICIENCY COS THIN-FILM SOLAR CELLS
DECISION-THEORETIC PSYCHOMETRICS THE EFFECT OF GUESSING ON THE QUALITY OF PERSONNEL AND COUNSELING DECISIONS
LOCAL-MOMENT FORMATION AND THE KONDO EFFECT
AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF MASS TRANSFER ON A WEDGE INDUCED LAMINAR SEPARATED BOUNDARY LAYER AT
SELF-CONSISTENT TREATMENT OF THE KONDO EFFECT
ON MASS ENTRAPMENT BY JETS PHASE II THE EFFECT OF SOUND ON JETS
LONG RANGE SPIN-POLARIZATION IN THE KONDO EFFECT
RESEARCH ON THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH-EFFICIENCY COS THIN-FILM SOLAR CELLS
DIRECT OBSERVATION OF COLLISION BROADENING AND EFFECT OF RESONANT INTERACTIONS ON GAS-LASER TRANSITIONS
THE STUDY OF SURFACE CHEMISTRY BY THERMOSSBAUER EFFECT
ANNISTERIC MAGNETIZATION PROCESS AND MOSSBAUER EFFECT IN IRON POWDER
A UNIQUE LASER DETECTOR UTILIZING THE PHOTOELECTRIC EFFECT IN COOLED SEMICONDUCTORS
PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM THE EFFECT OF PRESSURE ON THE PROPERTIES OF THE NEGATIVE ION
PARAMAGNETIC-RESONANCE STUDY OF THE DYNAMIC JAHN-TELLER EFFECT IN CALCIUM FLUORIDE SCANDIUM TWO PLUS AND STRONTIUM
SINGLE-CRYSTAL STUDIES OF ELECTRICAL CONDUCTIVITY SEEBECK EFFECT AND HALL VOLTAGE IN SODIUM VANADIUM BRONZE AND A
ELECTRIC FIELD IN THE IONOSPHERE A THEORY OF ITS ORIGIN AND EFFECT
ANALYSIS AND DESIGN OF MAXIMUM-GAIN LOW-CURRENT JUNCTION FIELD EFFECT TRANSISTOR CONFIGURATIONS
SYNTHESIS OF ATROPINE LABELED WITH C14 IN THE TROPINE RING AND EFFECT OF COLD ACCLIMATION ON ATROPINE METABOLISM FINAL
AN EXPERIMENTAL STUDY OF SOME BASE INJECTION TECHNIQUES AND THE EFFECT OF LARGE PRESSURE GRADIENTS ON TURBULENT
ELECTROCHROMIC COGNITION IN THE CHROMIC ISOLATED HEMISPHERE OF THE CAT EFFECT OF ATROPINE AND ESERINE
NONLINEAR PHOTON INTERACTION IN PIEZOELECTRIC SEMICONDUCTORS AND EFFECT ON CURRENT SATURATION
THE RELATIVISTIC DOPPLER EQUATIONS FOR ATTENUATED WAVES AND THE DRAG EFFECT
RELATION BETWEEN PHOTOPLASTICITY FLECTROSTRICTION AND FIRST ORDER RAMAN EFFECT IN CRYSTALS OF THE DIAMOND STRUCTURE
THE RADIAL PROFILE OF NEON IS HYSTABLE IN A HE-NE LASER AND THEIR LENS EFFECT ON LASING AT 6401A
MEASUREMENT OF RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS BY THE ELECTRIC FIELD EFFECT ON CRITICAL OPALESCENCE
BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECT AND THE NUMBERS OF
RELATIVISTIC SPINOR FORMULATION OF STOKES PARAMETERS WITH APPLICATION TO THE INVERSE COMPTON EFFECT
CALIBRATION AND DIFFERENTIAL FIELD MEASUREMENT OF HIGH MAGNETIC FIELDS BY MEANS OF A PERIODIC SIZE EFFECT IN GALLIUM

EFFECTIVE

EFFECTIVE DELTA 1 EQUALS ONE HALF RULE IN THE THREE-PION DECAYS OF KAONS
EFFECTIVE RADIUS OF A VACANCY AND THE CALCULATION OF SOLUBILITY LIMITS IN CRYSTALS OF HIGHLY IONIC PHASES OF THE
EFFECTIVE OHMS LAW IN A PARTIALLY IONIZED PLASMA WITH ELECTRON DENSITY FLUCTUATIONS
THE EFFECTIVE SUPERCONDUCTING HAMILTONIAN FOR ALLOYS WITH MAGNETIC IMPURITIES
THE EFFECTIVE SHAPE OF THE COVALENTLY BOUND FLUORINE ATOM
FINANCED EFFECTIVE EXCHANGE INTERACTION DUE TO LOCALIZED SPINS IN DILUTE ALLOYS AND RARE EARTH METALS
ON THE ABSOLUTE MAGNITUDE AND EFFECTIVE TEMPERATURE OF THE HYDROGENPOOR STAR HD 30353
AN MCS-ORIENTED INVESTIGATION OF EFFECTIVE MOBILITY THEORY

EFFECTIVENESS

EFFECTIVENESS OF INFORMATION RETRIEVAL METHODS
THE RELATIVE EFFECTIVENESS OF FIVE INSTRUCTIONAL STRATEGIES

AFOSR67-2897
AFOSR68-0402
AFOSR68-2718
AFOSR68-2758
AFOSR68-2846
ARL 67-0076
ARL 67-0101
ARL 67-0168
ARL 67-1000
ARL 67-1286
ARL 68-0291
ARL 68-1196
AFOSR67-2041
AFOSR68-1307
AFOSR68-2807
AFOSR67-2402
AFOSR68-2742
AFOSR67-0039
AFOSR67-0752
AFOSR68-0883
AFOSR68-0889
AFOSR67-0647
AFOSR67-0993
AFOSR67-1732
AFOSR67-2472
AFOSR67-2473
AFOSR68-1001
AFOSR68-2346
AFOSR68-2764
ARL 68-0660
AFOSR67-2109
AFOSR68-0995
AFOSR68-0009
AFOSR68-1200
AFOSR68-0017
AFOSR68-1778
AFOSR67-0847
AFOSR67-2142
AFOSR68-2161
ARL 67-0227
AFOSR67-0240
ARL 68-0011
AFOSR68-2875
AFOSR67-1392
AFOSR67-1736
AFOSR67-1948
ARL 67-1322
ARL 68-0084
AFOSR68-2787
AFOSR67-1023
ARL 68-1000
AFOSR67-1981
AFOSR68-0722
AFOSR68-0850
AFOSR67-0467
AFOSR67-1772
AFOSR67-2444
AFOSR68-0208
ARL 68-0234
ARL 68-0331
AFOSR67-0661
AFOSR67-1107
ARL 68-1417
AFOSR68-2155
AFOSR68-2420
ARL 67-0169
AFOSR68-1714
AFOSR67-0337
AFOSR67-0104
ARL 67-0190
AFOSR67-2629
AFOSR68-1885
AFOSR68-0165
AFOSR67-2138
AFOSR68-0111
AFOSR67-1203
AFOSR68-1474
AFOSR68-0134
AFOSR67-0184
AFOSR67-2030
ARL 68-0160
AFOSR67-0915
AFOSR68-1743
AFOSR68-2839
AFOSR68-0932
ARL 68-1444
AFOSR67-2179
ARL 67-1022
AFOSR67-1045
AFOSR67-2157

AFOSR67-0120
AFOSR68-0914
ARL 68-0285
AFOSR68-0906
AFOSR68-2757
AFOSR68-1023
AFOSR67-2673
AFOSR68-1482

AFOSR67-0812
AFOSR68-2156

FROM RESEARCH TO APPLICATION A FOLLOW-UP EFFECTIVENESS STUDY OF GRANT AF-AFOSR 177-63 COMPUTER ANALYSIS AND SYNTHESIS
ROLE STRUCTURE LEADERSHIP AND NEGOTIATION EFFECTIVENESS

AFOSR67-1814
AF 35467-1571

EFFECTS

EFFECTS OF RADIATION ON SEMICONDUCTOR MATERIALS AND DEVICES FINAL REPORT DEC 1966
EFFECTS OF RADIATION ON SEMICONDUCTOR MATERIALS AND DEVICES FINAL REPORT APR 1968
EFFECTS OF ENERGY GAP ANISOTROPY IN PURE SUPERCONDUCTORS
EFFECTS OF THE STEADY-STATE LOAD ON THE APPARENT KINETICS OF HETEROGENEOUS CHEMICAL REACTIONS IN FORCED CONVECTION
EFFECTS OF DENTATEMETHYLENETHIOURACIL IN CHRONIC CATS WITH MESENCEPHALIC TRANSSECTION
EFFECTS OF PHYSIOLOGICAL RHYTHMS ON PERFORMANCE FINAL REPORT MARCH 1967
EFFECTS OF EXPERIMENTAL VARIABLES IN OXIDATIONS OF ALKENES
EFFECTS OF PRESSURE ON THE TRANSPORT OF IONS THROUGH ROTATING HELIUM II
EFFECTS OF S-R CODING ON THE RATE OF GAIN OF INFORMATION
EFFECTS OF ASSOCIATION VALUE ON PERCEPTUAL SEARCH
EFFECTS OF THRESHOLD SEDATION ON LEARNING AND MEMORY
EFFECTS OF CONFERENCE IN ELECTROMAGNETIC RADIATION FINAL REPORT SEPT 1967
EFFECTS OF MAGNESIUM AND CALCIUM IONS ON THE ADENOSINETRIPHOSPHATASE ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC
EFFECTS OF ATROPINE, EPINEPHRINE, AND ADRENALINE IN CATS WITH MESENCEPHALIC TRANSSECTION AND IN THE ISOLATED HEMISPHERE CAT
EFFECTS OF THE LESIONS OF THE RAPHÉ SYSTEM UPON SLEEP AND CEREBRAL SEROTONIN (FRENCH)
EFFECTS OF MULTIPLY-CHARGED GOLD IMPURITY ON THE BREAKDOWN VOLTAGE OF SILICON P-N JUNCTIONS
EFFECTS OF TASK CHARACTERISTICS ON GROUP PRODUCTS
EFFECTS OF STRESS ON RISK TAKING
EFFECTS OF NONELASTIC COLLISIONS IN PARTIALLY IONIZED GASES
EFFECTS OF CASTRATION OF THE INHIBITION OF FLASHING IN FIREFLIES
EFFECTS OF STRONG DIFFUSE ILLUMINATION ON RATE OF UNITARY TONIC DISCHARGE IN THE CENTRAL VISUAL PATHWAYS OF THE
EFFECTS OF SURROUND ILLUMINATION ON VISUAL PERFORMANCE - AN ANNOTATED BIBLIOGRAPHY FINAL REPORT JULY 1967
EFFECTS OF ELECTRON BOMBARDMENT ON SINGLE-CRYSTAL COSE AT 77 DEGREES K
EFFECTS OF SOUND AND VIBRATIONS ON HEAT TRANSFER
EFFECTS OF PRESSURE ON THE HOPPING PROCESS SMALL POLARONS
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART I
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART II
EFFECTS OF AXIAL STRESS ON THE EXCITON LEVELS IN VIRTUALLY II-VI COMPOUNDS
THE EFFECTS OF TASK-INDUCED STRESS ON SPEECH FINAL REPORT AUG 1967
THE EFFECTS OF CONTEXT AND OF RATERS ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP
THE EFFECTS OF APOPHONY IN THE ATMOSPHERE ON THE PROPAGATION OF MICROWAVE SIGNALS
THE EFFECTS OF CONTEXT AND OF RATERS ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP
THE EFFECTS OF FAMILIARITY ON THE PERCEPTUAL RECOGNITION AND CATEGORIZATION OF VERBAL INFORMATION
THE EFFECTS OF HIGH MAGNETIC FIELDS ON THE ISOTHERMAL DISSOLUTION AND GROWTH RATES OF FERROUS AMMONIUM SULFATE
THE EFFECTS ON LOCOMOTION OF LESIONS TO THE VISUO-MOTOR SYSTEM IN OCTOPUS
THE EFFECTS OF PHYSICAL AND SYMBOLIC STRESSORS ON PERCEPTIVE MECHANISMS FINAL REPORT JUNE 1968
THE EFFECTS OF DIFFERENTIAL EARLY EXPERIENCE UPON LEARNING, PERFORMANCE, AND BIOCHEMICAL RESPONSES OF NONHUMAN
THE EFFECTS OF TIBIAL FRICTION ON THE EVOLUTION OF THE MARTIAN MICHN PHOTOS
SOME EFFECTS OF COMBINING CLOSE PUNITIVE AND SUPPORTIVE STYLES OF SUPERVISION FINAL REPORT JUNE 1968
SIZE EFFECTS IN THE ELECTRONIC THERMAL CONDUCTIVITY OF GALLIUM SINGLE CRYSTALS
MEMORY EFFECTS AND THE AUTOCORRELATION FUNCTION OF DYNAMICAL VARIABLE
PHONON EFFECTS IN THE UV SPECTRUM OF CRYSTALLINE HEXAMETHYLBENZENE
PHONON EFFECTS ON CARRIER TRANSITIONS AT IMPURITY CENTERS
DYNAMIC EFFECTS IN GAS ELECTRON DIFFRACTION
SURFACE EFFECTS IN SEEDED COMBUSTION PRODUCTS PROCEEDINGS OF A SPECIALISTS MEETING AGARD PROPULSION AND ENERGISTICS
THERMAL EFFECTS OF COMPOSITE-PROPELLANT REACTIONS
VISCOSUS EFFECTS AND HEAT TRANSFER IN SEPARATED FLOWS
SOLVENT EFFECTS ON THE GROUND-FLUORINE COUPLING CONSTANT AND ON FLUORINE EXCHANGE IN THE TETRAFLUOROPHOSPHATE ANION
VISCOSUS EFFECTS ON BLUNT BODIES AT LOW REYNOLDS NUMBERS AND HYPERSONIC SPEED
ISOTOPE EFFECTS IN ION MOLECULE REACTIONS
SURFACE EFFECTS AND SURFACE STATES IN COS
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS
MAGNETIC EFFECTS IN NICKEL THIOUREA OF-10000
ELECTRONIC EFFECTS IN A SEEDER PLASMA
PROXIMITY EFFECTS IN EUTECTIC ALLOYS TRANSITION TEMPERATURE AND SPECIFIC HEAT
KINETIC EFFECTS IN SPIN-1/2 ANTIFERROMAGNETISM
INJECTION EFFECTS IN HIGH PRANDTL NUMBER BOUNDARY-LAYER FLOWS
RADIATION EFFECTS ON THE EDGE EMISSION OF COS AND COSE
STRUCTURAL EFFECTS ON THE COMPLEXING ABILITY OF ALKYL DIPHENYLPHOSPHINATES WITH MAGNESIUM IODIDE
DISPERSSION EFFECTS IN A HIGH GAIN 3.39U HELIUM LASER APPLICATION TO THE LASER HETERODYNE MEASUREMENT OF PLASMA DENSITY
TUNNELING EFFECTS IN SOLIDS
CORRELATION EFFECTS IN ATOMS I HELIUM
THE SURFACE EFFECTS DUE TO BODY FORCES IN THE INTERIOR OF AN ELASTIC HALF-SPACE
UNDESIRABLE EFFECTS OF HYPNOSIS THE DETERMINANTS AND MANAGEMENT
DIFFRACTION EFFECTS IN LORENTZ MICROSCOPY
CORRELATION EFFECTS IN ATOMS III FOUR-ELECTRON SYSTEMS
CORRELATION EFFECTS IN ATOMS II ATOM-ATOM CORRELATIONS BETWEEN ELECTRONS
TEMPERATURE EFFECTS ON WHISTLER RESONANCE
VIBRATIONAL EFFECTS IN RADIATIONLESS TRANSITIONS IN AROMATIC MOLECULES
SUBSTITUENT EFFECTS ON FLUORINE-19 CHEMICAL SHIFTS IN SATURATED SYSTEMS
GENERATION EFFECTS FOR THE 161 KVP TRANSITION IN CS SUPER 133
SUBSTITUENT EFFECTS IN THE OXIDATIVE DEGRADATION OF ORGANOSILANES BY OZONE
STUDY OF THE EFFECTS OF ATMOSPHERIC PARAMETERS ON INFRARED TRANSMISSION MEASUREMENTS AND THE EFFECTS ON NON-THERMAL OR
HOST CRYSTAL EFFECTS ON THE ELECTRON PARAMAGNETIC RESONANCE OF ERBIUM AND TRIVALENT YTTERBIUM IN II-VI COMPOUNDS
INTERFERENCE EFFECTS AT THE SINGLE PHOTON LEVEL
SOME SURFACE EFFECTS IN AN ELECTRON GAS
RESCATTERING EFFECTS IN THOPE-PARTICLE FINAL STATES I - THE MODEL
RESCATTERING EFFECTS IN THOPE-PARTICLE FINAL STATES II - NUMERICAL RESULTS
ENVIRONMENTAL EFFECTS ON THE INFRARED FREQUENCIES OF POLYATOMIC MOLECULES EVALUATION OF PERTURBATION-THEORY PARAMETERS
SLIT FUNCTION EFFECTS IN ATOMIC SPECTROSCOPY
MAGNETOPLASMA EFFECTS IN SOLIDS FINAL REPORT APRIL 1968
LEED STUDY OF EFFECTS OF GAS ADSORPTION ON THE MD 110 SURFACE
LEED STUDY OF EFFECTS OF GAS ADSORPTION ON THE MD 110 SURFACE
USE OF NMRPHIC EFFECTS FOR THE STUDY OF VIBRATIONAL AND OPTICAL PROPERTIES OF IMPURITY ATOMS IN CRYSTALS
HAND-STRUCTURE EFFECTS ON ITINERANT-ELECTRON MAGNETISM II
HEAT TREATMENT EFFECTS ON SOME PHYSICAL PROPERTIES OF METALLIC SINGLE CRYSTALS
ACOUSTOELECTRIC EFFECTS IN SOLIDS FINAL REPORT DEC 1967
SLOW DEFORMATION EFFECTS IN MAGNETICALLY NONUNIFORM MATERIALS
ELECTROCLINICAL EFFECTS OF SELECTIVE PHARMACOLOGICAL INACTIVATION OF THE BRAIN STEM AN EXPERIMENTAL STUDY
KINETIC ISOTOPE EFFECTS AND ORGANIC REACTION MECHANISMS
SOLVENT ISOTOPE EFFECTS FOR TRIDUTEROMETHANOL VS METHANOL FINAL REPORT NOV 1967
SENSORY CONTRAST EFFECTS IN THE JUDGMENT OF LIFTED WEIGHTS
EXTRINSIC COTTON EFFECTS IN DYE-PROVINE PLASMA ALBUMIN ADDUCTS
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
NEUTRON ISOTOPE EFFECTS IN THE ELECTRON SPIN RESONANCE SPECTRA OF NAPHTHALENE NEGATIVE IONS
VARIABLE PROPERTY EFFECTS ON LIQUID DROPLET COMBUSTION
ELECTRON COLLISION EFFECTS IN SEMICONDUCTORS

AFCL67-0068
AFCL69-0280
AFOSR67-0162
AFOSR67-0468
AFOSR67-0498
AFOSR67-0887
AFOSR67-0908
AFOSR67-1730
AFOSR67-1807
AFOSR67-1820
AFOSR67-2214
AFOSR67-2238
AFOSR67-2380
AFOSR67-2564
AFOSR68-1118
AFOSR68-1411
AFOSR68-1415
AFOSR68-2621
AFOSR68-2709
AFOSR68-2700
AMRL 67-0103
ARL 67-0090
ARL 67-0128
ARL 67-1296
ARL 68-1346
ARL 68-1367
ARL 68-1375
AFCL67-0499
AFOSR67-0073
AFOSR67-0822
AFOSR67-1403
AFOSR67-1806
AFOSR67-2740
AFOSR68-0292
AFOSR68-1516
ARL 67-0010
ARL 68-1299
AFOSR68-0317
AFOSR68-0507
AFOSR68-0020
AFOSR68-0199
ARL 68-1388
AFOSR67-0863
AFOSR67-1216
AFOSR68-0243
AFOSR68-1357
AFOSR68-1412
ARL 67-1228
ARL 67-1230
ARL 68-1372
AFCL67-0056
AFCL67-0292
AFOSR67-2480
AFOSR67-0267
AFOSR68-0336
AFOSR68-0414
AFOSR68-2820
ARL 68-0295
AFOSR67-0751
ARL 68-0135
ARL 68-1393
AFOSR67-0646
AFOSR67-1287
AFOSR67-1844
AFOSR67-2155
AFOSR67-2278
AFOSR67-2261
AFOSR68-0635
AFOSR68-0668
AFOSR68-1591
ARL 67-1043
ARL 68-0316
AFCL68-0008
AFOSR67-0797
AFOSR67-2320
AFOSR68-0277
AFOSR68-0747
AFOSR68-0748
AFOSR67-0235
AFOSR68-0756
AFOSR68-1349
ARL 68-0219
ARL 68-1221
AFOSR68-0997
AFOSR68-1071
AFOSR68-1718
AFCL67-0636
AFCL68-0136
AFOSR67-0351
AFOSR67-0503
AFOSR67-0910
AFOSR67-2791
AFOSR67-0268
AFOSR68-0312
ARL 68-1032
ARL 68-1035
ARL 68-1030
AFOSR68-0347
AFOSR68-2825
AFCL67-0163

TRANSLATION ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS
 EEG AND NEUROPHYSIOLOGICAL EFFECTS OF DEPRIVATION OF PARADOXICAL SLEEP IN THE CAT /FRENCH/

HYPERBOLIC UREA ITS EFFECTS ON CORTICAL AND SUBCORTICAL EVOKED POTENTIALS IN CAT
 FLECTION AND PHONON EFFECTS IN SUPERCONDUCTING PCC LEAD-BASED ALLOYS
 PRESSURE PRODUCING EFFECTS ON THE OUTPUT OF A GAS LASER
 PRESSURE-TEMPERATURE EFFECTS ON CHARGE TRANSPORT IN TRANSITION-METAL TRIDES FINAL REPORT MAY 1968

TRANSLATIONAL ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS
 PARAFLECTRIC DIPOLAR EFFECTS IN SOLIDS
 PARAFLECTRIC DIPOLAR EFFECTS IN SOLIDS
 HIGH-TEMPERATURE OPTICAL EFFECTS FROM HIGH ALTITUDE DETONATIONS /U/ FINAL REPORT AUG 1967

RESEARCH ON RADIATION EFFECTS IN SOLIDS FINAL REPORT DEC 1967
 FIRST ORDER FREQUENCY EFFECTS IN SUPERSONIC PANEL FLUTTER OF FINITE CYLINDRICAL SHELLS
 EVIDENCE FOR EXCHANGE EFFECTS IN INELASTIC SCATTERING PROCESSES FROM ANGULAR CORRELATION DATA
 STUDY OF PLASMA SWATH EFFECTS ON ANTENNA FINAL REPORT APR 1967
 FINITE IONIZATION RATE EFFECTS OVER ELECTRODES IN TWO CHANNELS
 FLOW AND ELECTRIC FIELD EFFECTS ON THE RESPONSE OF A STAGNATION POINT MASS SPECTROMETER FINAL REPORT OCT 1967
 FINAL STATE INTERACTION EFFECTS IN NEGATIVE PION MESONIC DECAYS OF LIGHT HYPERNUCLEI
 PION EMISSION AND ZERMAN EFFECTS IN ZNS
 NONLINEAR AND ANISOTROPIC EFFECTS IN MAGNETICALLY TUNED LASER AMPLIFIERS
 EXPERIMENTAL STUDY OF THE EFFECTS OF SURROUND BRIGHTNESS AND SIZE ON VISUAL PERFORMANCE FINAL REPORT SEP 1967

INVESTIGATION OF RADIATION EFFECTS IN SEMICONDUCTORS
 VISUAL APPARENT ACTIVITY EFFECTS ON BRAIN STEM RETICULAR FORMATION FINAL REPORT JULY 1968
 INDUCED POWER INDUCED THERMAL EFFECTS RELATED TO TRANSITION TIME BETWEEN AVALANCHE AND SECOND BREAKDOWN IN P-N SILICON
 GALVANOMAGNETIC AND RELATED EFFECTS IN TYPE-II SUPERCONDUCTORS
 SEMICLASSICAL THEORY OF THE EFFECTS OF INTERNAL MOTIONS ON THE LINEWIDTHS IN ELECTRON SPIN RESONANCE SPECTRA
 SOME ELECTRICAL AND OPTICAL EFFECTS OF DISLOCATIONS IN SEMICONDUCTORS
 HALL EFFECT ION SLIP AND END EFFECTS IN PARADAY GENERATORS
 RESONANCE-RADIATION-TRAPPING EFFECTS IN A PULSED-ION LASER
 MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING RADIATION ON SEMICONDUCTORS
 MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING RADIATION ON SEMICONDUCTORS
 INVESTIGATION OF EXTRA-NUCLEAR EFFECTS IN ANGULAR CORRELATIONS FINAL REPORT JUNE 1967
 THIRD ORDER SPECTRAL FUNCTION EFFECTS
 MAGNETIC FIELD-DEPENDENT ELASTIC EFFECTS IN THE CUBIC ANTIFERROMAGNET /RUBIDIUM MANGANESE TRIFLUORIDE/
 DEFENSIVE BEHAVIOR AND THE AFTER EFFECTS OF BRAIN STIMULATION IN THE KING DOVE /STREPTOPETIA HIRUNIA/
 SEPARATION OF DIRECT AND COMPOUND EFFECTS BY POLARIZATION MEASUREMENTS
 PION EMISSION AND MAGNETO-OPTICAL EFFECTS IN COSF
 SPECIAL REVIEW PART I PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH
 GAGE REACTIONS OF T-BUTYL RADICALS EFFECTS OF VISCOSITY AND OF INTERVENING MOLECULES
 SPECIAL REVIEW PART II PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH
 FIFTH STRUCTURE AND MAGNETO-OPTICAL EFFECTS IN ZINC SULFIDE
 DIRECT MEASUREMENT OF FIRST COLLISION EFFECTS IN RAPIDLY HIGH SPEED FLOWS
 STATISTICAL DEPENDENCE BETWEEN RANDOM EFFECTS AND THE NUMBERS OF OBSERVATIONS ON THE EFFECTS FOR THE UNBALANCED
 ANALYSIS OF RADIATION INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS
 ANALYSIS OF RADIATION INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS FINAL REPORT FEB 1968
 A LINEARIZED ANALYSIS OF MASS-TRANSFER EFFECTS ON CONFINED LAMINAR VORTEX FLOWS
 EXPERIMENTAL INVESTIGATION OF SATURATION EFFECTS IN FREQUENCY DOUBLERS
 STACKING-FAULT ENERGY AND MANY-BODY FORCE EFFECTS IN SOLID ANION
 NOSE VELOCITIES, CONE ANGLE, AND MACH NUMBER EFFECTS ON THE STABILITY DERIVATIVES OF SLENDER CONES FINAL REPORT SEP 1968
 PHYSICOCHEMICAL AND HISTOCHEMICAL STUDIES ON THE EFFECTS OF IMPRANIL-LIKE DRUGS AND DEFTRO-AMPHETAMINE ON CENTRAL AND
 REVIEW OF WORLDWIDE ATMOSPHERIC AND COMMUNICATIONS EFFECTS OF U S 1967 NUCLEAR TESTS /U/ -- VOLUME II FINAL REPORT NOV
 EXPERIMENTAL STUDIES OF PULSED MICROWAVE BREAKDOWN EFFECTS IN A HYPERSONIC AIR PLASMA FINAL REPORT FEB 1968
 DEGRADATION OF QUANTUM SPIN AND HIGH FIELD DAMPING EFFECTS IN MICROWAVE HELICON PROPAGATION IN DEGENERATE
 ELECTRON SPIN RESONANCE STUDIES OF NEUTRINIUM ISOTOPE EFFECTS A NOVEL RESONANCE-INTEGRAL PERTURBATION
 LANDAU DAMPING AND GROWTH OF ELECTROSTATIC MODES WITH EFFECTS OF SPATIAL VARIATION
 ANOMALOUS HALL EFFECT AND OTHER RELATED NONLINEAR BULK EFFECTS FINAL REPORT SEPT 1967
 LANDING-EDGE BLUNTNESS AND BOUNDARY-LAYER DISPLACEMENT EFFECTS ON ATTACHED AND SEPARATED LAMINAR BOUNDARY LAYERS IN A
 A THEORETICAL TECHNIQUE FOR EVALUATING THE TIME DEPENDENT EFFECTS OF GENERAL ELECTRODYNAMIC DRIFTS IN THE P2-LAYER OF
 IONOSPHERIC RESEARCH IN SUPPORT OF ATMOSPHERIC IONIZATION EFFECTS
 RADIATION COULDED SHOCK LAYER INCLUDING UPSTREAM ABSORPTION EFFECTS
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II GAGE EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC
 LOW TEMPERATURE IRRADIATION AND ANNEALING OF N-TYPE GERMANIUM EFFECTS OF OPTICAL BLEACHING
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III GAGE EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE
 ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS I SPECTROSCOPIC EFFECTS OF METHYL GROUPS AND CORRESPONDING O O RING
 ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS II SPECTROSCOPIC EFFECTS OF PHENYL SUBSTITUTION IN BENZYL ANIONS
 COLLISIONAL ENERGY TRANSFER IN THERMAL UNIMOLECULAR SYSTEMS DILUTION EFFECTS AND FALL-OF REGION
 ELECTRICAL RESISTIVITY OF DILUTE POIN ALLOYS LOCAL EXCHANGE FINANCING EFFECTS
 STUDIES OF ANTENNA BREAKDOWN IN THE PRESENCE OF A PLASMA SWATH INCLUDING EFFECTS OF FORCED CONVECTION
 FINITE-TEMPERATURE TRANSPORT PROPERTIES OF NORMAL FERMION SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE MODEL
 NUMERICAL EXPERIMENTS WITH A VERTICALLY PARAMETERIZED MODEL DESIGNED TO STUDY THE EFFECTS OF HIGH-LEVEL HEATING ON THE
 ALIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECTS AND THE NUMBER OF
 STAGES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECTS AND THE NUMBER OF
 STATISTICAL DEPENDENCE BETWEEN RANDOM EFFECTS AND THE NUMBER OF OBSERVATIONS ON THE EFFECTS FOR THE UNBALANCED
 STUDY OF THE EFFECTS OF ATMOSPHERIC PARAMETERS ON INFRARED TRANSMISSION MEASUREMENTS AND THE EFFECTS ON NON-THERMAL OH
 PERTURBATION THEORY EXPANSIONS THROUGH 20TH ORDER OF MASS POLARIZATION CORRECTION RELATIVISTIC EFFECTS & LAMB SHIFT OF
 DIRECT CONFIGURATIONAL CORRELATION OF SULFONIDES AND PHOSPHINE OXIDES BY INTERSYSTEM MATCHING OF COTTON EFFECTS

EFFICIENCIES

CHARGE COLLECTION EFFICIENCIES FOR LITHIUM DRIFFED SILICON AND GERMANIUM DETECTORS IN THE X-RAY ENERGY REGION
 SURFACE RECOMBINATION EFFICIENCIES IN FLOWS CONTAINING STEP-FUNCTION INCREASES IN ATOMIC OXYGEN FINAL REPORT MARCH
 DERIVATION OF GENERAL EXPRESSIONS FOR QUANTUM AND POWER EFFICIENCIES FOR ATOMIC FLUORESCENCE OF ATOMS IN A HOT GAS

EFFICIENCY

SOME EFFICIENCY MEASUREMENTS OF THE THEVA-PINCH
 A COMPARISON OF THE CONVERSION EFFICIENCY OF NEAR-INFRARED SENSITIVE PHOTOGRAPHIC FILMS WITH THAT OF STANDARD
 A GASEOUS SYSTEM OF HIGH LUMINOUS EFFICIENCY
 A METHOD FOR DETERMINING CATALYTIC EFFICIENCY OF SURFACES
 THE INFLUENCE OF WATER-VAPOR DENSITY AND THE EFFICIENCY OF CONVECTION ON MODELS OF LATE-TYPE STARS
 THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH EFFICIENCY COS THIN-FILM SOLAR CELLS
 THE COMPARISON OF MULTIVARIATE TESTS OF HYPOTHESIS BY MEANS OF DAMAGU EFFICIENCY

EFFICIENT

EFFICIENT MICROWAVE SHEAR-WAVE GENERATION BY MODE CONVERSION
 EFFICIENT NUMERICAL ANALYSIS OF NONLINEAR CIRCUITS
 AN EFFICIENT CONTEXT-FREE PARSING ALGORITHM
 LOGIC TESTS THEIR CHARACTERIZATION RELIABILITY AND EFFICIENT SYNTHESIS FINAL REPORT OCT 1967

EGG-WHITE

ANALYSIS OF THE SKELETAL CONFIGURATION OF CRYSTALLINE HEN EGG-WHITE LYSOZYME

EIGENFO

EIGENFO INTEGRALS AND THE AREA THEOREM OF BERS

EICOSADORANE	
A ONE-STEP HIGH YIELD SYNTHESIS OF MONODIFCANYDRO EICOSADORANE TRIANION	AFOSR66-1726
EIGENLEMENTS	
EIGENLEMENTS OF THE FINITE FOURIER TRANSFORM AND THEIR APPLICATION TO ANTENNA PATTERN SYNTHESIS	AFCL67-0362
EIGENFUNCTIONS	
THE ASYMPTOTIC DISTRIBUTION OF EIGENVALUES AND EIGENFUNCTIONS FOR ELLIPTIC BOUNDARY VALUE PROBLEMS	AFOSR66-0173
EIGENSYSTEMS	
APPROXIMATE EIGENSYSTEMS OF LARGE COVARIANCE MATRICES	AFCL66-0362
EIGENVALUE	
RANDOM EIGENVALUE PROBLEMS	AFOSR66-1380
GENERALIZED EIGENVALUE PROBLEMS	AFOSR67-2567
A LOWER BOUND FOR THE FIRST EIGENVALUE OF SECOND ORDER ELLIPTIC OPERATORS	AFOSR66-2001
APPROXIMATIVE SOLUTION OF AN EIGENVALUE PROBLEM OF THE HELMHOLTZ EQUATION USING LIE SERIES	AFOSR67-2436
CLASSES OF COMPACT OPERATORS AND EIGENVALUE DISTRIBUTIONS FOR ELLIPTIC OPERATORS	AFOSR66-1644
A DISHONEST APPROACH TO CERTAIN STOCHASTIC EIGENVALUE PROBLEMS	AFOSR67-1602
GENERALIZED RIHARMONIC PROBLEM AND RELATED EIGENVALUE PROBLEMS	ARL 67-1274
AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO EIGENVALUE PROBLEMS	AFOSR66-0183
EIGENVALUES	
LOWER BOUNDS FOR EIGENVALUES OF A QUADRATIC FORM RELATIVE TO A POSITIVE QUADRATIC FORM	ARL 66-0274
AN INEQUALITY FOR THE EIGENVALUES OF A CLASS OF SELF-ADJOINT OPERATORS	AFOSR67-2736
NUMERICAL ASPECTS OF NATHIEU EIGENVALUES	ARL 67-1033
THE ASYMPTOTIC DISTRIBUTION OF EIGENVALUES AND EIGENFUNCTIONS FOR ELLIPTIC BOUNDARY VALUE PROBLEMS	AFOSR66-0173
ON THE VARIATIONAL PRINCIPLES FOR EIGENVALUES FOR A CLASS OF UNBOUNDED OPERATORS	AFOSR67-0623
ASYMPTOTIC FORMULAS WITH REMAINDER ESTIMATES FOR EIGENVALUES OF ELLIPTIC OPERATORS	AFOSR66-1382
AN INVARIANT FORMULATION OF THE NEW MAXIMUM-MINIMUM THEORY OF EIGENVALUES	AFOSR67-0330
EIGHT-ELECTRON	
GEOMETRY OF MOLECULES I WAVEFUNCTIONS FOR SOME SIX-AND EIGHT-ELECTRON POLYHYDRIDES	AFOSR67-2447
EIGHTFOLD	
JAHN-TELLER EFFECT OF A DI ION IN EIGHTFOLD CUBIC COORDINATION	AFOSR66-0009
EIGHTH-SPACE	
CONCENTRATED FORCE IN EIGHTH-SPACE WITH MIXED BOUNDARY CONDITIONS	AFOSR67-1303
EINSTEIN	
EINSTEIN EQUATIONS AND ELECTROMAGNETISM	AFOSR66-0331
THE EINSTEIN REDSHIFT IN WHITE DWARFS	AFOSR67-2197
EJECTABLE	
A 1400 MHE ANTENNA FOR A TWENTY-FOUR INCH EJECTABLE SPHERE	AFCL67-0236
EJECTOAS	
EJECTIONS AND THRUST AUGMENTATION	ARL 66-1390
ELASTIC	
ELASTIC WAVE EXCITATION IN PIEZOELECTRIC SLABS	AFCL67-0526
ELASTIC CONSTANTS OF A-ZNS	AFCL67-0628
ELASTIC SCATTERING OF ALPHA-PARTICLES BY ZINC IN THE ENERGY RANGE 0 TO 10 MEV	AFOSR67-0466
ELASTIC SCATTERING OF NEUTRONS FROM O AND AR AT FOURTEEN MEV	AFOSR67-1760
ELASTIC CONSTANTS OF SILVER CHLORIDE	AFOSR67-1834
ELASTIC BUCKLING AND PLASTIC COLLAPSE OF CIRCULAR TUBES UNDER HYDROSTATIC PRESSURE	AFOSR67-2639
ELASTIC PRECURSOR DECAY IN QUARTZITE FOR CYLINDRICAL AND SPHERICAL FLOW	AFOSR66-1134
ELASTIC RELATION IN CA SUPPER PLUS PLUS DOPED NaCl	ARL 67-1146
THIN ELASTIC PLATES AND SHELLS AND BOUNDARY VALUE PROBLEMS FINAL REPORT FEB 1966	AFOSR66-0713
INTERIOR ELASTIC STRESS FIELD IN A CONTINUOUS CLOSE-PACKED FILAMENTARY COMPOSITE MATERIAL UNDER UNIAXIAL TENSION	AFOSR66-1906
CALCULATION OF ELASTIC CONSTANTS OF SODIUM FLUORIDE	AFOSR67-1621
STABILITY OF AN ELASTIC RING IN A RIGID CAVITY	AFOSR67-2055
HIGH TEMPERATURE ELASTIC MODULI OF ALUMINUM	ARL 66-1487
TRANSIENT MOTION OF AN ELASTIC HALF-SPACE DUE TO A MOVING SURFACE LINE LOAD	AFOSR67-0312
THE RESPONSE OF A THIN ELASTIC PLATE TO A MOVING PRESSURE POINT	AFOSR67-1334
PICENTER MOTION OF AN ELASTIC HALF-SPACE DUE TO BURIED STATIONARY AND MOVING LINE SOURCES	AFOSR66-0680
THE RESPONSE OF A THIN ELASTIC ROD TO COMBINED THERMAL AND MECHANICAL IMPULSE	AFOSR66-1234
ON THE FORCED MOTION OF ELASTIC SOLIDS	AFOSR66-0234
TRANSIENT RESPONSE OF AN ELASTIC SHELL IN PLANE STRAIN	AFOSR67-1908
MAGNETIC FIELD-DEPENDENT ELASTIC EFFECTS IN THE CUBIC ANTI-FERROMAGNET /RUBIDIUM MANGANESE TRIFLUORIDE/	AFOSR67-2131
NONLINEAR OSCILLATIONS OF ELASTIC PANELS IN A SUPERSONIC NONVISCOUS AIRSTREAM	AFOSR66-1861
NOTE ON THE PROPAGATION OF ELASTIC WAVES IN A NONHOMOGENEOUS MEDIUM OF FINITE LENGTH	AFOSR67-1957
OPTICAL PARAMETERS FOR THE ELASTIC SCATTERING OF HELIUM-3 BY HELIUM-4	AFOSR67-2186
DYNAMIC SNAP-THROUGH OF AN ELASTIC IMPERFECT SIMPLE SHALLOW TRUSS	AFOSR67-2452
A GENERAL SOLUTION FOR THE ELASTIC QUARTER-SPACE FINAL REPORT AUGUST 1966	AFOSR66-1692
REFLECTION AND REFRACTION OF ELASTIC WAVES AT A CORRUGATED INTERFACE	AFOSR67-0315
SYMMETRY OF MIXED THIRD ORDER ELASTIC CONSTANTS	AFOSR67-1102
TEMPERATURE DEPENDENCE OF THE ELASTIC CONSTANTS OF RUBIDIUM	AFOSR67-1368
ON THE FLEXURE OF AN INFINITE ELASTIC PLATE CONTAINING A LARGE UNSTRESSED CIRCULAR HOLE	AFOSR66-0816
MODIFIED BORN APPROXIMATION AND ELASTIC SCATTERING BY WEAK CENTRAL POTENTIALS	AFOSR66-2860
AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON SCATTERING - HEAVY NUCLEI	AFOSR66-1119
AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON SCATTERING LIGHT NUCLEI	AFOSR66-1725
RECENT STUDIES ON OPTIMIZATION FOR ELASTIC STABILITY OF CYLINDRICAL AND CONICAL SHELLS	AFOSR66-1787
ON NONLINEAR EQUATIONS OF ISOTROPIC ELASTIC SPHERICAL SHELLS	AFOSR67-2224
ASYMMETRIC DYNAMIC SNAP-THROUGH OF ELASTIC CLAMPED SHALLOW SPHERICAL SHELLS	AFOSR66-0449
A CALCULATION OF THE COHESIVE ENERGY AND ELASTIC CONSTANTS OF MAGNESIUM OXIDE	AFOSR67-1635
HIERARCHY METHODS FOR RANDOM VIBRATIONS OF ELASTIC STRINGS AND BEAMS	AFOSR66-0372
RELATION BETWEEN ISOTHERMAL AND MIXED THIRD-ORDER ELASTIC CONSTANTS	AFOSR67-1100
EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC CONSTANTS OF SOME IONIC CRYSTALS	AFOSR67-1449
EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC CONSTANTS OF SODIUM CHLORIDE	AFOSR67-1633
NON-EXISTENCE OF SNAP-THROUGH FOR CLAMPED SHALLOW ELASTIC ARCHES SUBJECTED TO IMPULSIVE LOADING	AFOSR66-0770
ON VON KARMAN'S EQUATIONS AND THE BUCKLING OF A THIN ELASTIC PLATE	AFOSR66-2040
THE STRESS INTENSITY FACTOR FOR A GRIFITH CRACK IN AN ELASTIC BODY IN WHICH BODY FORCES ARE ACTING	AFOSR66-0815
USE OF ULTRASONIC INTERFEROMETRY TECHNIQUE FOR STUDYING ELASTIC PROPERTIES OF ROCKS	AFOSR66-1614

- CONTINUED

AFOSR66-582
AM 67-129
AFOSR67-5807
AFOSR66-6872
AFOSR67-1287
AFOSR66-1282
AFOSR66-241
AFOSR67-1284
AFOSR66-1265
AFOSR66-1238
AFOSR66-1232
AFOSR66-1232
AFOSR66-1232
AFOSR66-1232

AP01067-1448

AF 03W66- 0040

AFOSM/P-7430

AF 03060-0173

AF03840-2420

AF03840-2030

[illegible]

AFOSRA 7-0071
AFOSRA 7-0070

ELECTRIC-ARC

TRANSPARATION COILING OF A CONSTRICTED ELECTRIC-ARC HEATER

ARL 68-0339

ELECTRIC-FIELD-INDUC

ELECTRIC-FIELD-INDUCED OPTICAL ROTATION IN CHOLESTERIC LIQUID CRYSTALS

AFOSR68-2076

ELECTRICAL

ELECTRICAL CONDUCTIVITY OF MAGNETOPLASMAS PART I - GENERAL THEORY OF EFFECTIVE PARAMETERS
 ELECTRICAL CONDUCTIVITY OF MAGNETOPLASMAS PART II-EFFECTIVE PARAMETERS FOR NON-MAXWELLIAN DISTRIBUTIONS
 ELECTRICAL MEASUREMENTS AND NUCLEAR ACTIVATION TECHNIQUES FOR RADIATION DAMAGE STUDIES AND IMPURITY ANALYSIS IN
 ELECTRICAL CONDUCTIVITY OF A PLASMA FINAL REPORT NOV 1968
 ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE I IODIDE DONOR SOLUTES
 ELECTRICAL PROPERTIES OF RARE EARTH OXIDES FINAL REPORT OCT 1967
 ELECTRICAL PERFORMANCE OF METAL-INSULATOR-PIEZOELECTRIC SEMICONDUCTOR TRANSDUCERS
 ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE II IODIDE ACCEPTOR SOLUTES
 ELECTRICAL PROPERTIES OF MATERIALS IN THE FAR INFRARED REGION FINAL REPORT FEB 1968
 ELECTRICAL RESISTIVITY OF NIAl NiGa AND COGa
 ELECTRICAL RESISTIVITY OF DILUTE PDNI ALLOYS LOCAL EXCHANGE ENHANCEMENT EFFECTS
 ELECTRICAL CONDUCTIVITY OF A FULLY IONIZED PLASMA
 ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF A70.13Y030S01. SUBS-0.87Y030S02/ ELECTROLYTE
 ELECTRICAL CONDUCTION FROM A LAMINAR ARC HEATED PLOW TO A COOLED CYLINDRICAL ANODE FINAL REPORT JULY 1967
 ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF HFO SUB 2
 ELECTRICAL PROPERTIES OF CERIUM DIOXIDE AND TITANIUM DIOXIDE
 ELECTRICAL CONDUCTIVITY TRANSIENTS IN RUTILE
 ELECTRICAL PROPERTIES OF HMO
 ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF ZROSUB2
 ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF SC2SUB2OSUB3
 THE ELECTRICAL RESISTIVITY OF GOLD-VANADIUM INTERMETALLIC COMPOUND
 THE ELECTRICAL CONDUCTIVITY OF CERAMICS ITS MEASUREMENT AND INTERPRETATION
 THE ELECTRICAL AND OPTICAL PROPERTIES OF REFRACTORY OXIDES FINAL REPORT DECEMBER 1968
 SOME ELECTRICAL AND OPTICAL EFFECTS OF DISLOCATIONS IN SEMICONDUCTORS
 NONUNIFORM ELECTRICAL CONDUCTION IN HMO CHANNELS
 NONUNIFORM ELECTRICAL CONDUCTION IN MAGNETOHYDRODYNAMIC CHANNELS
 ON THE A C ELECTRICAL CONDUCTIVITY OF A LORENTZ GAS
 OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND /OPTICAL AND ELECTRICAL PROPERTIES OF NON METALS/ FINAL REPORT FEB 1967
 OPTICAL AND ELECTRICAL PROPERTIES OF INSULATORS FINAL REPORT DEC 1967
 RESEARCH ON ELECTRICAL CONDUCTIVITY AND CONDUCTION MECHANISMS IN ALUMINA FINAL REPORT AUGUST 1968
 FILAMENTS IN ELECTRICAL CURRENT FIELDS
 THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF ALUMINUM AND NICKEL
 THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF COPPER AT DIFFERENT STRAIN RATES
 LASER INDUCED ELECTRICAL BREAKDOWN AND SHOCK DYNAMICS IN SUPER-HIGH PRESSURE GASES
 NATURE OF THE ELECTRICAL CONDUCTION TRANSIENTS OBSERVED IN RUTILE
 THE INFLUENCE OF ELECTRICAL RESISTIVITY ON THE HMO STABILITY OF STATIONARY EQUILIBRIA
 HIGH TEMPERATURE ELECTRICAL PROPERTIES OF MANGANESE MONOXIDE
 HIGH-TEMPERATURE ELECTRICAL PROPERTIES OF MANGANESE MONOXIDE
 THE NATURE OF THE ELECTRICAL CONDUCTION TRANSIENT BEHAVIOR OF RUTILE
 ORGANIC METALS THE ELECTRICAL CONDUCTANCE OF ORGANIC SOLIDS
 CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES III THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH OXYGEN
 CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES II THE STRUCTURE OF THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH
 SOME TECHNIQUES FOR THE ELECTRICAL BRAIN STIMULATION OF SMALL UNRESTRAINED ANIMALS
 THE INFLUENCE OF FINITE ELECTRICAL CONDUCTIVITY ON THE DEVELOPMENT OF A MAGNETICALLY DRIVEN SHOCK IN HGO-(BETA) MUCH
 DEEP SLEEP INDUCED BY ELECTRICAL STIMULATION OF THE BRAIN STEM AND CEREBRAL CORTEX
 THERMOELECTRIC POWER AND ELECTRICAL CONDUCTIVITY OF NBO2
 DISTRIBUTION OF ENERGY IN ELECTRICAL DISCHARGES FINAL REPORT JULY 1967
 SINGLE-CRYSTAL STUDIES OF ELECTRICAL CONDUCTIVITY SEEBECK EFFECT AND HALL VOLTAGE IN SODIUM VANADIUM BRONZE AND A
 PLASMA ACCELERATION IN AN ELECTRICAL DISCHARGE BY THE SELF- INDUCED MAGNETIC FIELD
 ROLE OF GRAIN BOUNDARIES IN ELECTRICAL POLARIZATION MEASUREMENTS
 THE EFFECT OF INSTRUMENTS ON ELECTRICAL NOISE
 RESEARCH ON DEFECT CONTROLLED ELECTRICAL PROPERTIES OF RUTILE. FINAL REPORT APRIL 1968
 INTERACTION OF AN HIGH CURRENT ELECTRICAL DISCHARGE WITH ITS SELF-INDUCED MAGNETIC FIELD IN THE PRESENCE OF GAS FLOW
 PARTICLE SIZE DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF NaCl
 SPECIALIZED JUNCTIONS INVOLVED IN ELECTRICAL TRANSMISSION BETWEEN NEURONS
 DEVICE FOR ATHERMAL AND ISOTHERMAL ELECTRICAL RESISTIVITY IN THE RANGE-104 TO 400DEGREES C
 HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NIO
 HIGH-TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NIO
 HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NIO
 RELATIONSHIP BETWEEN DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF CERAMIC MATERIALS
 RECENT RESEARCH AT HIS INSTITUTE DEALING WITH ELECTRICAL MEASUREMENTS AND CONTACT PROPERTIES OF II-VI COMPOUNDS
 THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND
 THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND
 OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND /OPTICAL AND ELECTRICAL PROPERTIES OF NON METALS/ FINAL REPORT FEB 1967
 TEMPORAL INTEGRATION OF PERCEPTUAL RESPONSE TO SUPRATHRESHOLD ELECTRICAL STIMULATION
 AN INVESTIGATION OF THE LOW TEMPERATURE TIME DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF RUTILE
 INVESTIGATION OF ORDERED MAGNETIC STATES AND THEIR CORRELATIONS TO OPTICAL AND ELECTRICAL PROPERTIES OF SELECTED

AFCL67-0887
 AFCL67-0888
 AFCL67-0906
 AFOSR67-0306
 AFOSR67-0742
 AFOSR67-2649
 AFOSR68-0001
 AFOSR68-0367
 AFOSR68-0465
 AFOSR68-0800
 AFOSR68-0930
 AFOSR68-1830
 ARL 67-0186
 ARL 67-0182
 ARL 67-0176
 ARL 67-1180
 ARL 67-1149
 ARL 68-1168
 ARL 68-1171
 ARL 68-1172
 AFOSR67-2672
 ARL 67-0010
 ARL 68-0221
 AFOSR68-0506
 AFOSR67-2433
 AFOSR67-2651
 AFOSR68-1237
 AFCL67-0322
 AFCL68-0363
 ARL 68-0164
 ARL 67-1366
 AFOSR67-1008
 AFOSR67-1080
 AFOSR68-1613
 ARL 67-1148
 AFOSR67-2434
 ARL 67-1145
 ARL 68-0147
 ARL 68-1160
 AFOSR68-1252
 AFOSR67-0607
 AFOSR67-0671
 AFOSR67-0133
 AFOSR67-1226
 AFOSR68-0948
 ARL 67-1249
 AFOSR67-1705
 AFOSR68-1474
 ARL 67-0248
 ARL 67-1187
 ARL 67-1090
 ARL 68-0060
 ARL 67-0087
 ARL 67-0107
 AFOSR67-1491
 AFOSR67-1033
 ARL 68-0161
 ARL 68-0109
 ARL 68-1170
 ARL 68-1168
 ARL 67-1205
 AFCL67-0823
 AFCL68-0017
 AFCL67-0322
 AFOSR68-2858
 ARL 68-1147
 AFCL67-0893

ELECTRICALLY

ELECTRICALLY CONTROLLED ACOUSTIC BEAM DEFLECTION
 ELECTRICALLY CHARGED SURFACES AND THE PHOTOGRAPHIC PROCESS
 PROPERTIES OF ELECTRICALLY EXCITABLE MEMBRANES FINAL REPORT NOV 1967
 FLUID FLOW IN AN ELECTRICALLY CONDUCTIVE FLUID
 A BIBLIOGRAPHY OF THE ELECTRICALLY EXPLODED CONDUCTOR PHENOMENON FOURTH EDITION
 AN EXPERIMENTAL STUDY OF AN ELECTRICALLY THICK TUBULAR MONOPOLE ANTENNA DRIVEN BY A COAXIAL TRANSMISSION LINE
 CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN ELECTRICALLY THICK TUBULAR ANTENNA DRIVEN BY A VOLTAGE ACROSS A FINITE
 A COMPARISON BETWEEN A N-ELEMENTS CIRCULAR ARRAY AND AN ELECTRICALLY THICK TUBULAR DIPOLE ANTENNA WITH EQUIVALENT

AFCL67-0312
 AFOSR67-1670
 AFOSR67-2741
 ARL 68-1233
 AFCL67-0906
 AFCL68-0017
 AFCL67-0377
 AFCL67-0588

ELECTRICALLY-SMALL

ELECTRICALLY-SMALL SUPERCONDUCTING ANTENNAS FINAL REPORT APRIL 1967

AFCL67-0280

ELECTRICITY

THE SPANSA ATMOSPHERIC ELECTRICITY DETECTION SYSTEM AS MODIFIED BY THE ADDITION OF THE IMAGE STORAGE TUBE

AFCL67-0183

ELECTRO

INTRA-ATOMIC MAGNETIC INTERACTIONS FOR FOURTH SHELL ELECTRO

AFOSR68-2247

ELECTRO-MAGNETIC

A THEORETICAL AND EXPERIMENTAL RESEARCH PROGRAM IN ELECTRO-MAGNETIC FIELDS WITH EMPHASIS ON TEMPORAL AND SPATIAL

AFCL68-0103

ELECTRO-STATIC

ELECTRO-STATIC DEFLECTION OF ELECTRICALLY CHARGED PARTICLES

AFOSR67-0345

ELECTRO-OPTIC	- CONTINUED	
DETERMINATION OF THE POKELS ELECTRO-OPTIC COEFFICIENT IN ADP AT 5.5 GHz		AFOSR67-1800
ELECTRO-OPTICAL		
MODULATED LIGHT SOURCE FOR ELECTRO-OPTICAL ANALYSIS OF SPECTRAL LINES		ARL 67-1193
ELECTROACOUSTIC		
ELECTROACOUSTIC RESONANCES IN A NONUNIFORM PLASMA		AFCL68-0509
ELECTROCARDIOGRAM		
THERMAL STRESS AND THE ELECTROCARDIOGRAM A TECHNICAL STUDY		AFOSR67-2273
ELECTROCHEMICAL		
ELECTROCHEMICAL BEHAVIOR OF METALS AS STIMULUS ELECTRODES		AFOSR67-1117
ELECTROCHEMICAL MASKING WITH AN ADSORBED METAL COMPLEX DETERMINATION OF SILVER- - MERCURY MIXTURES		AFOSR68-0211
ELECTROCHEMICAL STUDY OF THE THERMODYNAMIC PROPERTIES OF NON-STOICHIOMETRIC RUTILE		ARL 67-1143
ELECTROCHEMICAL STUDY OF THE THERMODYNAMIC PROPERTIES OF NON-STOICHIOMETRIC RUTILE		ARL 68-1148
AN OPTICALLY TRANSPARENT THIN LAYER ELECTROCHEMICAL CELL		AFOSR68-0209
A STUDY OF TURBULENCE AT A WALL USING AN ELECTROCHEMICAL WALL SHEAR-STRESS METER		AFOSR67-0476
ELECTROCHEMISTRY		
ELECTROCHEMISTRY IN DIMETHYL SULFOXIDE		AFCL67-0331
ELECTROCHEMISTRY USING THIN-LAYER CELLS		AFOSR68-2321
TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY KINETICS OF SECOND-ORDER DISPROPORTIONATION OF URANIUM V BY DECAY OF		AFOSR67-0542
DIAGNOSTIC CRITERIA FOR THE STUDY OF CHEMICAL AND PHYSICAL PROCESSES BY TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY		AFOSR67-0583
ELECTROCLINICAL		
ELECTROCLINICAL EFFECTS OF SELECTIVE PHARMACOLOGICAL INACTIVATION OF THE BRAIN STEM AN EXPERIMENTAL STUDY		AFOSR67-0503
ELECTROCORTICOGRAM		
ELECTROCORTICOGRAM IN THE CHRONIC ISOLATED HEMISPHERE OF THE CAT EFFECT OF ATROPINE AND ESERINE		AFOSR67-0918
ELECTRODE		
ELECTRODE PHENOMENA IN A HIGH CURRENT 20 NANOSECOND SPARK		AFCL67-0446
ELECTRODE EFFECTS IN A SEED PLASMA		AFOSR67-0267
ELECTRODE PROCESSES TRANSACTIONS OF THE 1966 SYMPOSIUM CLEVELAND OHIO 1-6 MAY 1966 FINAL REPORT MAY 1966		AFOSR67-0651
ELECTRODE PROBLEMS IN CENTRAL NERVOUS MONITORING IN PERFORMING SUBJECTS		AFOSR68-1603
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART I		ARL 68-1346
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART II		ARL 68-1367
EXPERIMENTAL ELECTRODE CURRENT DISTRIBUTIONS IN HHO CHANNELS		AFOSR68-1298
INVESTIGATION OF ELECTRODE EROSION IN HIGH CURRENT ELECTRIC ARCS		ARL 68-0112
STUDY OF THERMIONIC CONVERTER ELECTRODE SURFACES USING THE ELECTRON MIRROR MICROSCOPE		AFCL68-0101
ELECTRIC ARC ATTACHMENT, HEAT TRANSFER, AND ELECTRODE EROSION OF HIGH CURRENT ARCS DRIVEN MAGNETICALLY OVER METAL		ARL 68-1022
HIGH-CURRENT TRIODE WITH NONINTERCEPTING CONTROL ELECTRODE		AFOSR68-1270
ELECTRODELESS		
ELECTRODELESS DETERMINATION OF SEMICONDUCTOR CONDUCTIVITY FROM CIRCULAR ELECTRIC FIELD MODE REFLECTIVITY		AFOSR67-1648
NOISE EMISSION OF ELECTRODELESS RING DISCHARGES WITH STATIC MAGNETIC FIELD		ARL 68-1139
EXPERIMENTAL INVESTIGATION OF ELECTRODELESS DISCHARGE LAMPS AS EXCITATION SOURCES FOR ATOMIC FLUORESCENCE FLAME		AFOSR68-1803
PULSE TECHNIQUE FEASIBILITY STUDY ON MULTIMEGAWATT RF GAS HEATERS AND RESEARCH ON ELECTRODELESS DISCHARGES AT HIGH		ARL 68-1182
ELECTRODES		
FINITE IONIZATION RATE EFFECTS OVER ELECTRODES IN HHO CHANNELS		AFOSR68-2222
ELECTROCHEMICAL BEHAVIOR OF METALS AS STIMULUS ELECTRODES		AFOSR67-1117
MAGNETOHYDRODYNAMIC FLOW IN A RECTANGULAR DUCT WITH CONDUCTING ELECTRODES		AFOSR67-2460
ELECTRODYNAMIC		
AN ELECTRODYNAMIC FUSION REACTOR		ARL 68-1449
FURRY'S THEOREM AND INTERFERENCE OF ELECTRODYNAMIC AMPLITUDES		AFOSR68-1364
SIMPLE FORMULA FOR THE DRELL-VALECKA FORM FACTORS IN QUASI-ELASTIC ELECTRODYNAMIC PROCESSES		AFOSR67-2521
A THEORETICAL TECHNIQUE FOR EVALUATING THE TIME DEPENDENT EFFECTS OF GENERAL ELECTRODYNAMIC DRIFTS IN THE F2-LAYER OF		AFCL68-0172
ELECTRODYNAMICS		
QUANTUM ELECTRODYNAMICS FROM THE POINT OF VIEW OF TOPOLOGICAL GROUPS FINAL REPORT DEC 1966		AFCL67-0027
SOURCES AND ELECTRODYNAMICS		AFOSR67-2925
GAUGE INDEPENDENT QUANTUM ELECTRODYNAMICS		ARL 68-1093
ELECTROENCEPHALOGRAPH		
ELECTROENCEPHALOGRAPHIC CORRELATES OF LEARNING IN SUBCORTICAL AND CORTICAL STRUCTURES		AFOSR68-0314
RESULTS OF ELECTROENCEPHALOGRAPHIC EXAMINATIONS UNDER THE INFLUENCE OF VIBRATION AND CENTRIFUGING IN THE MONKEY		AFOSR67-1857
COMPUTER ASSISTED ELECTROENCEPHALOGRAPHIC ANALYSIS OF CHICK PYRIDOXINE DEFICIENCY STATES		AFOSR67-1890
BRAIN STEM STRUCTURES RESPONSIBLE FOR THE ELECTROENCEPHALOGRAPHIC PATTERNS OF DESYNCHRONIZED SLEEP		AFOSR67-1480
ELECTROFLUIDDYNAMIC		
ELECTROFLUIDDYNAMIC POWER GENERATION: TRENDS AND EXPECTATIONS		ARL 67-1079
ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES, CHARACTERISTICS, AND RESEARCH AREAS		ARL 68-1364
ELECTROFLUIDDYNAMIC EPD POWER GENERATION		ARL 68-1391
ELECTROFLUIDDYNAMIC EPD PROCESSES		ARL 68-1392
ELECTROFLUIDDYNAMIC ENERGY CONVERSION		ARL 68-1396
ELECTROFLUIDDYNAMIC EPD POWER GENERATION		ARL 68-1399
OUTLOOK FOR ELECTROFLUIDDYNAMIC POWER GENERATION		ARL 67-1077
WORKING MEDIA FOR ELECTROFLUIDDYNAMIC GENERATORS		ARL 68-1366
COMPUTER STUDY OF ELECTROFLUIDDYNAMIC COLLOID GENERATOR		ARL 68-1402
SOME ANALYTICAL TREATMENTS OF ELECTROFLUIDDYNAMIC PROCESSES		ARL 68-1365
INVESTIGATION ON POWER GENERATION USING ELECTROFLUIDDYNAMIC PROCESSES		ARL 67-1071
CHARGE GENERATION BY CORONA DISCHARGE IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES		ARL 67-1070
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART I		ARL 68-1346
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART II		ARL 68-1367
COMPUTER PROGRAM FOR THE CALCULATION OF ELECTRIC FIELDS IN AN ELECTROFLUIDDYNAMIC GENERATOR FINAL REPORT AUGUST 1968		ARL 68-0156
ELECTROFLUIDDYNAMICS		
THE ROLE OF ELECTROFLUIDDYNAMICS IN THE FIELD OF DIRECT ENERGY CONVERSION		ARL 68-1368

ELECTROFLUIDDYNAMICS - CONTINUED

COMMENTS ON ELECTROFLUIDDYNAMICS AND RELATED RESEARCHES IN ITALY

ARL 66-1360

ELECTROGASDYNAMIC

RESEARCH ON POWER GENERATION ELECTROGASDYNAMIC ENERGY CONVERSION FINAL REPORT 15 APRIL 1966

ARL 67-0096

ELECTROHYDRODYNAMIC

ELECTROHYDRODYNAMIC SPRAYING OF GALLIUM-INDIUM ALLOY
PARAMETRIC STUDIES OF ELECTROHYDRODYNAMIC SPRAYING
PRODUCTION OF IONS BY ELECTROHYDRODYNAMIC SPRAYING TECHNIQUESAFOSR66-2196
AFOSR66-1238
AFOSR66-2360

ELECTROLUMINESCENCE

ELECTROLUMINESCENCE IN II-VI COMPOUNDS
EXPERIMENTS ON THE A C ELECTROLUMINESCENCE OF COPPER DOPED ZINC SULFIDE SINGLE CRYSTALS
ON THE CRYSTAL DEFECTS THAT CAUSE AC ELECTROLUMINESCENCE PART D FINAL REPORT OCT 1967
INVESTIGATION OF TWO-CARRIER INJECTION ELECTROLUMINESCENCE FINAL REPORT DEC 1966
TIME DEPENDENCE OF SPECTRAL COMPONENTS OF THE ELECTROLUMINESCENCE OF ZNS SINGLE CRYSTALS PART C FINAL REPORT AUG 1967ARL 66-1087
AFOSR67-0336
AFOSR66-0474
AFOSR67-0005
AFOSR67-2786

ELECTROLYSIS

ELECTRON SPIN RESONANCE STUDY OF THE ELECTROLYSIS OF TRIFLUORONITROMETHANE & TRIFLUORONITROMETHANE

AFOSR66-2673

ELECTROLYTE

THE STRUCTURE OF ELECTROLYTE SOLUTIONS IN HYDROGEN BONDED SOLVENTS
COMMENTS ON THE STRUCTURE OF ELECTROLYTE SOLUTIONS BASED ON THERMAL DIFFUSION MEASUREMENTS
THE ION ACTIVITY FUNCTION - AN APPROACH TO THE STUDY OF ELECTROLYTE BEHAVIOUR IN CONCENTRATED SOLUTIONS
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF APO.13YOSUB1. SUBS.0.07THOSUB2/ ELECTROLYTEARL 66-1087
ARL 67-1245
AFOSR67-1292
ARL 67-0126

ELECTROLYTES

THERMAL DIFFUSION OF ELECTROLYTES IN ORDINARY AND HEAVY WATER

ARL 67-0093

ELECTROLYTIC

ELECTROLYTIC GROWTH AND PREPARATIONS OF TRANSITION METAL COMPOUND SINGLE CRYSTALS
PRESSURE DEPENDENCE OF ELECTROLYTIC CONDUCTANCE REPORT JULY 1968AFML 67-0230
AFOSR66-1617

ELECTROMAGNETIC

ELECTROMAGNETIC SCATTERING FROM ABSORBING SPHERES
ELECTROMAGNETIC SCATTERING BY REGULAR POLYHEDRA FINAL REPORT APR 1967
ELECTROMAGNETIC RADIATION FROM QUASI-PERIODIC STRUCTURES FINAL REPORT JULY 1967
ELECTROMAGNETIC FIELDS IN A SPHERICAL CAVITY WITH A CONCENTRIC ANISOTROPIC SHELL SYSTEM
ELECTROMAGNETIC SCATTERING IN THE TIME DOMAIN IN A PERFECTLY CONDUCTING CURVED SURFACE
ELECTROMAGNETIC MASSES OF PSEUDOSCALAR MESONS
ELECTROMAGNETIC PROPERTIES OF MESONS IN THE QUARK MODEL
ELECTROMAGNETIC SCATTERING FROM CYLINDRICALLY AND SPHERICALLY STRATIFIED BOOIES
ELECTROMAGNETIC MASS SHIFTS COMMUTATOR AMBIGUITIES AND EXPONENTIALLY FALLING FORM FACTORS
ELECTROMAGNETIC MASS SHIFTS EQUAL-TIME COMMUTATORS AND JOSEPHSON REPRESENTATION
THE ELECTROMAGNETIC SCATTERING OF BROAD BANDWIDTH RANDOM SIGNALS BY A DISCRETE TARGET
ON THE ELECTROMAGNETIC STRUCTURE OF THE YUKAWA MESON II
EFFECT OF ELECTROMAGNETIC FORCE ON THE STABILITY OF LIQUID FILMS
STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS
RESEARCH IN ELECTROMAGNETIC RADIATION AND ANTENNAS A SUMMARIZING REVIEW FINAL REPORT DEC 1967
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL II-AN INVESTIGATION OF THE VARIOUS PLASMA DISCHARGES SURROUNDING A
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL I THE DEVELOPMENT OF A CW TRAVELING WAVE ACCELERATOR FOR THE
SCATTERING OF ELECTROMAGNETIC WAVES BY A SEMI-INFINITE METAL PLATE IN ANISOTROPIC PLASMA
PREDOMINANTLY ELECTROMAGNETIC AIR SHOWERS OF ENERGY 10-14 EV TO 10-16 EV
CALCULATION OF ELECTROMAGNETIC FIELDS IN THE FOCAL REGIONS OF A PARABOLOID RECEIVING OFF AXIS FINAL REPORT AUG 1967
APPLICATION OF ELECTROMAGNETIC THEORY TO RADIATING AND NON-RADIATING TRANSMISSION LINES FINAL REPORT MAY 1968
OMNIDIRECTIONAL ELECTROMAGNETIC ACCELEROMETER
FORM FACTORS AND ELECTROMAGNETIC MASSES
THE SCATTERING OF ELECTROMAGNETIC WAVES BY A FINITE WEDGE
STUDIES OF GUIDED ELECTROMAGNETIC WAVES IN THE PRESENCE OF AXIALLY NONUNIFORM OR RANDOM PERTURBATIONS
FURTHER STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS FINAL REPORT JULY 1968
PROPAGATION OF LONG ELECTROMAGNETIC WAVES THROUGH ROCK
A CONTRIBUTION TO THE ELECTROMAGNETIC THEORY OF THE UNWELIMINATED AXON
QUANTUM LIMITATIONS TO ELECTROMAGNETIC SIGNAL MEASUREMENTS FINAL REPORT DEC 1966
STUDY OF THE CONTROL OF ELECTROMAGNETIC RADIATION FROM AIRCRAFT AND SPACE VEHICLES FINAL REPORT MAR 1968
EFFECTS OF COHERENCE IN ELECTROMAGNETIC RADIATION FINAL REPORT SEPT 1967
GAUGE FIELDS SOURCES AND ELECTROMAGNETIC MASSES
GUIDING AND SCATTERING OF ELECTROMAGNETIC FIELDS BY CORRUGATED STRUCTURES
RADIATION AND RECEPTION OF ELECTROMAGNETIC ENERGY FROM AIRCRAFT AND GUIDED MISSILES FINAL REPORT DEC 1967
ON THE PHYSICAL REALITY OF ELECTROMAGNETIC POTENTIALS/
RADIATION AND PROPAGATION OF ELECTROMAGNETIC WAVES FROM MOVING SOURCES
ON THE DIRECTIVITY OF SETS OF ELECTROMAGNETIC RADIATION SOURCES I GENERAL RESULTS FOR SETS OF IDENTICAL ISOTROPIC
SCATTERING AND PROPAGATION OF ELECTROMAGNETIC WAVES IN BOUNDED PARAMETRICALLY MODULATED MEDIA
REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC POWER AT MOVING INTERFACES
RESEARCH INTO THE SCATTERING OF ELECTROMAGNETIC ENERGY FROM HIGHLY CONDUCTING BOOIES FINAL REPORT MAY 1967
REFLECTION AND AMPLIFICATION OF ELECTROMAGNETIC WAVES IN AN OSCILLATING IONIZED MEDIUM PART II
DIFFRACTION AND SCATTERING OF THE ELECTROMAGNETIC GROUND WAVE BY TERRAIN FEATURES
ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION
THE PROGRESSING WAVE FORMALISM FOR ELECTROMAGNETIC WAVES FROM MOVING SOURCES
SELECTED PROBLEMS IN THE THEORY OF ELECTROMAGNETIC RADIATION FINAL REPORT SEPT 1967
A POSSIBLE STRUCTURE FOR C-VIOLATING ELECTROMAGNETIC INTERACTIONS
IONIZING DETONATION WAVES IN TRANSVERSE ELECTROMAGNETIC FIELDS
COVARIANT ANALYSIS OF QUARK COMMUTATORS AND ELECTROMAGNETIC COUPLINGS
A SCALING TECHNIQUE FOR THE DESIGN OF IDEALIZED ELECTROMAGNETIC LENSES
ON THE POLY-BOUTMYSEN TRANSFORMATION FOR PARTICLES IN AN ELECTROMAGNETIC FIELD
A STUDY OF PROPOSED NEUTRAL EXCITATION BY INTERACTION OF ULTRASONIC AND ELECTROMAGNETIC ENERGY
STRESS WAVE GENERATION IN A TEMPERATURE-DEPENDENT ABSORBING SOLID BY IMPULSIVE ELECTROMAGNETIC RADIATION
INTERPRETATION AND APPLICATION OF TRANSIENT AND IMPULSE RESPONSE APPROXIMATIONS IN ELECTROMAGNETIC SCATTERING PROBLEMS
STRESS WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC HALF- SPACE SUBJECTED TO IMPULSIVE ELECTROMAGNETIC RADIATIONAFOSR67-0129
AFOSR67-0307
AFOSR67-0440
AFOSR66-0031
AFOSR66-0287
AFOSR67-1408
AFOSR67-2520
AFOSR67-2696
AFOSR66-1632
AFOSR66-1638
AFOSR67-0602
AFOSR67-2056
AFOSR67-2060
ARL 66-1077
AFOSR67-0647
AFOSR67-0977
AFOSR67-0979
AFOSR67-0291
AFOSR66-2058
AFOSR67-0486
AFOSR66-0282
AFOSR67-0470
AFOSR66-2537
AFOSR67-0099
AFOSR67-0280
ARL 66-0115
AFOSR67-0361
AFOSR66-1647
AFOSR67-0152
AFOSR66-0200
AFOSR67-2236
AFOSR66-0940
AFOSR67-0609
AFOSR66-0071
AFOSR66-0064
AFOSR67-0110
AFOSR67-0182
AFOSR66-1642
AFOSR66-2836
AFOSR67-0320
AFOSR66-0313
AFOSR66-0812
AFOSR67-1704
AFOSR67-0521
AFOSR67-2382
AFOSR67-1357
AFOSR67-1879
AFOSR67-0584
AFOSR66-1857
AFOSR66-0989
AFOSR66-0879
AFOSR63-1618
AFOSR67-0690
AFOSR67-2453

ELECTROMAGNETICALLY

EXPERIMENTAL STUDY ON ELECTROMAGNETICALLY DRIVEN SHOCK TUBE
IONIZING SHOCK STUDIES IN AN ELECTROMAGNETICALLY DRIVEN SHOCK TUBEAFOSR66-2282
AFOSR67-1618

ELECTROMAGNETICS

PROCEEDINGS OF THE THIRD SYMPOSIUM ON THE PLASMA SHEATH- PLASMA ELECTROMAGNETICS OF HYPERSONIC FLIGHT VOLUME II

AFOSR67-0280

ELECTROMAGNETISM

EINSTEIN EQUATIONS AND ELECTROMAGNETISM

AFOSR68-0331

ELECTRON

ELECTRON COLLISION EFFECTS IN SEMICONDUCTORS
ELECTRON ATTACHING ADDITIVES FOR THE MODIFICATION OF RE-ENTRY PLASMAS
ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY I EXPERIMENTS
ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY II COMPUTER EXPERIMENTS ON THE REFLECTION OF SLOW ELECTRONS IN THE
ELECTRON TEMPERATURES OF IONIZED NEBULAE DERIVED FROM HB AND RADIO FLUX DENSITIES
ELECTRON RECOMBINATION ATTACHMENT AND RELAXATION IN NO AND CO
ELECTRON DRIFT VELOCITIES IN LIQUEFIED ARGON AND KRYPTON AT LOW ELECTRIC FIELD STRENGTHS
ELECTRON PARAMAGNETIC RESONANCE OF METHYL RADICALS ON POROUS GLASS SURFACE
ELECTRON IN BOX THEORY FOR METAL ATOM CLUSTERS
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF AMMONIUM TRIFLUOROACETATE
ELECTRON AND PHONON EFFECTS IN SUPERCONDUCTING PCC LEAD-BASED ALLOYS
ELECTRON MICROSCOPY OF POLYETHYLENE BELOW TWENTY DEGREES KELVIN
ELECTRON EXCITATION FUNCTIONS OF MERCURY
ELECTRON SPIN POLARIZATION DUE TO A MAGNETIC IMPURITY
ELECTRON SPIN RESONANCE STUDY OF HYDROGEN ADDITION AND - REPLACEMENT REACTIONS IN SOME PYRIMIDINE COMPOUNDS
ELECTRON PROBE ANALYSIS OF SEMICONDUCTORS FINAL REPORT SEPT
ELECTRON SPIN RESONANCE OF FREE RADICALS FINAL REPORT DEC 1967
ELECTRON MICROSCOPY OF LIVING INSECTS
ELECTRON PARAMAGNETIC RESONANCE OF COPPER IN BERYLLIUM OXIDE
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF GUANINE HYDROCHLORIDE DIHYDRATE
ELECTRON DENSITY AND IONIZATION PHENOMENA IN SHOCK WAVES FINAL REPORT OCT 1967
ELECTRON SPIN RESONANCE OF SEMIQUINONES SPIN-DENSITY DISTRIBUTION AND CARRONVIL SIGMA-PI PARAMETERS
ELECTRON SPIN RESONANCE STUDIES OF DEUTERIUM ISOTOPE EFFECTS A NOVEL RESONANCE-INTEGRAL PERTURBATION
ELECTRON SPIN RESONANCE STUDY OF MONO- AND DIMERIC CATIONS OF AROMATIC HYDROCARBONS
ELECTRON SPIN RESONANCE OF HEXAFLUOROACETONE KETYL
ELECTRON CONCENTRATIONS AND ELECTRON AND ION TEMPERATURES IN THE F REGION FOR MAGNETICALLY QUIET AND DISTURBED
ELECTRON HELICITY-AND T-INVARIANCE
ELECTRON INTERACTION IN RARE-EARTH METALS
ELECTRON STATES IN DILUTE DISORDERED ALLOYS
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF DEOXYADENOSINE MONOHYDRATE
ELECTRON CAPTURE INTO THE METASTABLE 2S STATE IN COLLISIONS OF PROTONS WITH HYDROGEN ATOMS
ELECTRON SPIN RESONANCE STUDY OF THE ELECTROLYSIS OF TRIFLUORONITROSOMETHANE & TRIFLUORONITROMETHANE
ELECTRON SPIN RESONANCE OF PERFLUOROCYCLOBUTANONE KETYL LONG-RANGE FLUORINE COUPLING
ELECTRON COLLISIONS WITH IONS OF THE 3P SUPER 3 CONFIGURATION
ELECTRON RADIATION DAMAGE IN CADMIUM-SELENIDE CRYSTALS AT LIQUID-HELIUM TEMPERATURE
ELECTRON CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND PARADAY DARK SPACE
ELECTRON SPIN RESONANCE AND THERMOLUMINESCENT EMISSION
ELECTRON PARAMAGNETIC RESONANCE OF MN SUPPER 2 PLUS IN LIF
ELECTRON BEAM STIMULATED EMISSION OF II-VI COMPOUNDS
ELECTRON RADIATION DAMAGE IN CADMIUM SELENIDE CRYSTALS
ELECTRON SPIN POLARIZATION IN FIELD-COOLED ANTIFERROMAGNETIC CHROMIUM
AN ELECTRON MICROSCOPE LIQUID HELIUM STAGE FOR USE WITH ACCESSORIES
A 2 ELECTRON VOLTS ARGON BEAM SCATTERING AT A SOLID SURFACE AND OBSERVATIONS OF RADIATION ACCOMPANYING THE BEAM
SLOW ELECTRON SCATTERING FROM ONE-DIMENSIONAL CRYSTAL MODELS
TOTAL ELECTRON CONTENT MEASUREMENTS AT HIGH LATITUDES FINAL REPORT JAN 1967
AUGER ELECTRON SPECTROSCOPY OF FCC METAL SURFACES
ARGON ELECTRON TRANSITION TABLES
DIRECT ELECTRON EXCITATION CROSS SECTIONS PERTINENT TO THE ARGON ION LASER
SCANNING ELECTRON MICROSCOPY OF BIOLOGICAL MATERIAL
SCANNING ELECTRON MICROSCOPE INVESTIGATION OF PLANAR DIFFUSED PN JUNCTION PROFILES NEAR THE EDGE OF A DIFFUSION MASK
MAGNETIC ELECTRON SPIN RESONANCE OPTICAL AND STRUCTURAL STUDIES OF THE ISOMORPHOUS SERIES SODIUM SCANDIUM-IRON
SECONDARY ELECTRON EMISSION IN THE ELECTRON PROBE
MODEL FOR ELECTRON EXCITATION OF THE NUCLEON
STUDIES OF ELECTRON SCATTERING IN THIN FILMS FINAL REPORT MAY 1967
LOW-ENERGY ELECTRON DIFFRACTION STUDIES OF EPITAXIAL GROWTH OF SILVER AND GOLD IN ULTRAHIGH VACUUM
LOW-ENERGY ELECTRON DIFFRACTION STUDY OF SURFACES OF ANTIMONY AND BISMUTH
EFFECTS OF ELECTRON BOMBARDMENT ON SINGLE-CRYSTAL COSE AT 77 DEGREES K
A STUDY OF ELECTRON RADIATION DAMAGE IN GAAS, GAP AND GAAS SUBI SUB MINUS SUB XP SUBX BASED ON RECOMBINATION RADIATION
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE TA/112/ SURFACE
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE MD 100 SURFACE
HIGH-ENERGY ELECTRON SCATTERING AS A TEST OF THE NUCLEAR CLUSTER MODEL
AURORAL-ZONE ELECTRON PRECIPITATION ACCOMPANYING A SUDDEN IMPULSE IN THE GEOMAGNETIC FIELD
THE SCANNING ELECTRON MICROSCOPE
TRIPLT-STATE ELECTRON SPIN RESONANCE OF AN H-ATOM- METHYL-RADICAL COMPLEX IN A SOLID MATRIX
LINE SHAPES IN ELECTRON SPIN RESONANCE SPECTRA
CALCULATION OF ELECTRON SHAKE-OFF FOR ELEMENTS FROM Z EQUAL WITH THE USE OF SELF-CONSISTENT-FIELD WAVE FUNCTIONS
MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING ORDINARY EPR SPECTROMETERS
INVESTIGATION OF ELECTRON BEAM PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT DEC 1966
INVESTIGATION OF ELECTRON BEAM AND MOLLOW CATHODE PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT NOV
FAST RECOVERY OF ELECTRON IRRADIATED GERMANIUM
NEAREST-NEIGHBOR ELECTRON SCATTERING IN SILICON
INVESTIGATION OF ELECTRON AND NUCLEAR SPIN-PHONON INTERACTIONS IN METALS AND SEMICONDUCTORS FINAL REPORT DEC 1967
VIBRATIONS OF AN ELECTRON BUBBLE IN LIQUID HELIUM
THE MEASUREMENT OF ELECTRON AFFINITIES BY THE GASEOUS ELECTRON CAPTURE TECHNIQUE
NOTES ON A VALENCE ELECTRON MODEL OF ATOMS
CALCULATED MAGNETIC ELECTRON-DRIFT VELOCITIES IN H N/SUB2/ O/SUB2/ AIR AND C/SUB2H/SUB6/ FOR 10 E/P 10/TO THE 4TH
ENERGY TRANSFER AND ELECTRON CONDUCTION IN THE FLUID TRANSPIRATION ARC
INTERNAL CONVERSION ELECTRON STUDY OF THE DECAY OF RU SUPPER 103
INTERNAL CONVERSION ELECTRON SPECTROSCOPY
PHOTOCONDUCTIVITY OF ELECTRON ACCEPTORS FLUOREN-DELTA/ SUPER 9 ALPHA /-MALONONITRILE
CRITICAL CURRENT AND ELECTRON DEPAIRING IN SUPERCONDUCTING FILMS
LOW ENERGY X-RAY AND ELECTRON PHYSICS FINAL REPORT DEC 1967
AROMATIC OXIDATION BY ELECTRON TRANSFER I OXIDATIONS OF SUBP-METHOXYTOLUENE
AROMATIC OXIDATION BY ELECTRON TRANSFER II OXIDATIONS OF AROMATIC ETHERS AND AMINES BY MANGANIC ACETATE
AROMATIC OXIDATION BY ELECTRON TRANSFER III OXIDATION OF 1- AND 2-METHOXY-NAPHTHALENE BY MANGANIC ACETATE
DYNAMIC EFFECTS IN GAS ELECTRON DIFFRACTION
THE PRIMARY COSMIC-RAY ELECTRON ENERGY SPECTRUM FROM 10 40 MEV
PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM THE EFFECT OF PRESSURE ON THE PROPERTIES OF THE NEGATIVE ION
QUANTITATIVE REFLECTION ELECTRON DIFFRACTION IN AN ULTRA HIGH VACUUM CAMERA
OPTICAL STUDIES OF DEEP ELECTRON TRAPS IN GAP
ACCURATE MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING CW SPECTROMETERS
AN INTERNALLY CALIBRATED ELECTRON SPECTROMETER FOR ACCELERATOR ENERGY MONITORING
TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES
CALIBRATION AND USE OF AN ELECTRON MICROSCOPE FOR PRECISION MICROMEASUREMENTS IN THIN FILM MATERIALS
DENSITY MEASUREMENTS WITH ELECTRON BEAMS
RESEARCH ON SINGLE CRYSTAL ELECTRON EMITTERS FINAL REPORT NOV 1967
INTEGRALS IN THE THEORY OF ELECTRON CORRELATIONS
SOME SURFACE EFFECTS IN AN ELECTRON GAS
REARRANGEMENT COLLISIONS II ELECTRON EXCITATION OF HE /23SUPER3P/
HOST CRYSTAL EFFECTS ON THE ELECTRON PARAMAGNETIC RESONANCE OF ERBIUM AND TRIVALENT YTTERBIUM IN II-VI COMPOUNDS
EFFECT OF BOND FORMATION ON ELECTRON SCATTERING CROSS SECTIONS FOR MOLECULES
ELECTRON CONCENTRATIONS AND ELECTRON AND ION TEMPERATURES IN THE F REGION FOR MAGNETICALLY QUIET AND DISTURBED

APCRL67-0163
APCRL67-0214
APCRL67-0226
APCRL67-0378
APCRL67-0385
APCRL68-0379
AFOSR67-0048
AFOSR67-0196
AFOSR67-0789
AFOSR67-1476
AFOSR67-1773
AFOSR67-1780
AFOSR67-1958
AFOSR67-1965
AFOSR67-2242
AFOSR67-2630
AFOSR68-0060
AFOSR68-0077
AFOSR68-0149
AFOSR68-0163
AFOSR68-0230
AFOSR68-0368
AFOSR68-0398
AFOSR68-0399
AFOSR68-0409
AFOSR68-1126
AFOSR68-1143
AFOSR68-1467
AFOSR68-1625
AFOSR68-2236
AFOSR68-2292
AFOSR68-2673
AFOSR68-2674
ARL 67-0083
ARL 67-0201
ARL 67-0240
ARL 67-1151
ARL 67-1162
ARL 67-1312
ARL 67-1339
ARL 68-1463
AFOSR68-0538
AFOSR68-2354
AFOSR68-0403
APCRL67-0356
AFOSR68-1805
ARL 67-0016
AFOSR67-2617
AFOSR67-0367
AFOSR68-1173
AFOSR68-1477
AFOSR67-2889
AFOSR68-0461
AFAL 67-0072
AFOSR67-1173
AFOSR67-2698
ARL 67-0090
ARL 68-0021
ARL 68-1065
ARL 68-1217
AFOSR67-0578
AFOSR67-1389
AFOSR68-1183
AFOSR67-0188
AFOSR68-0387
AFOSR68-2447
ARL 68-0232
APCRL67-0273
APCRL68-0094
AFOSR68-0213
AFOSR67-0484
AFOSR68-0262
AFOSR68-2475
AFOSR68-1283
AFOSR68-1509
APCRL67-0032
AFOSR67-0769
ARL 68-0313
ARL 68-1092
APCRL67-0021
AFOSR67-0166
AFOSR67-2751
AFOSR67-0241
AFOSR67-0242
AFOSR67-0243
AFOSR67-0863
AFOSR68-0707
APCRL68-0111
AFOSR68-0857
ARL 68-1360
ARL 68-1480
APCRL68-0405
AFOSR67-1482
AFOSR67-1933
ARL 68-0290
APCRL67-0669
AFOSR67-2763
AFOSR68-0277
AFOSR67-0642
AFOSR67-0797
AFOSR68-0210
AFOSR68-1126

- IDENTITY OF IONS CREATED BY ELECTRON IMPACT IN PLANES
RESEARCH DIRECTED TOWARD THE ELECTRON MICROANALYSIS OF MINERAL PHASES IN CHONDRITE METEORITES FINAL REPORT SEPT 1967
REMARKS CONCERNING INELASTIC ELECTRON SCATTERING FROM 3 HE
A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENT OR CONDUCTIVITY /GLOW CURVES/
A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENT OR CONDUCTIVITY /GLOW CURVES/
INVESTIGATIONS ON THE ROLE OF ELECTRON CARRIERS IN PHOTOCYTOXICITY IN CELL-FREE SYSTEMS FINAL REPORT MAY 1967
A SIMPLE METHOD FOR MEASURING ELECTRON DENSITY IN A PLASMA
LOW TEMPERATURE TECHNIQUES FOR ELECTRON IRRADIATIONS
TEST-PARTICLE RELAXATION IN AN ELECTRON GAS DESCRIBED BY THE FOKKER-PLANCK KINETIC EQUATION
MEASUREMENT OF σ VALUES IN THE ELECTRON SPIN RESONANCE SPECTRA OF FREE RADICALS
SPECTROSCOPIC INVESTIGATION OF ELECTRON TEMPERATURE DISTRIBUTION IN A NONEQUILIBRIUM PARTIALLY IONIZED FLOWING PLASMA
INCOHERENT RAYSCATTER STUDY OF ELECTRON CONTENT AND EQUIVALENT SLAB THICKNESS
COLUMB CORRECTIONS TO INELASTIC ELECTRON SCATTERING
DEUTERIUM ISOTOPE EFFECTS IN THE ELECTRON SPIN RESONANCE SPECTRA OF NAPHTHALENE NEGATIVE IONS
STUDY OF THE INTERNAL CONVERSION ELECTRON SPECTRUM IN THE DECAY OF ^{90}Sr SUPPER 193
A STEREOSCOPIC DISPLAY SYSTEM FOR ELECTRON MICROSCOPE INSTRUMENTS
EXPERIMENTAL DETERMINATION OF THE ELECTRON DENSITIES IN SOME OF THE II-VI COMPOUNDS WITH THE THEORETICALLY CALCULATED
SECONDARY ELECTRON EMISSION IN THE ELECTRON PROBE
TECHNIQUES OF LOW ENERGY X-RAY AND ELECTRON PHYSICS 50 TO 1000 EV REGION
WAVE INTERACTION IN NONRELATIVISTIC ELECTRON BEAM-PLASMA SYSTEMS
NONINVASIVE CELL ULTRASTRUCTURE BY ELECTRON MICROSCOPY FINAL REPORT OCT 1967
CLASSICAL AND QUANTAL CALCULATIONS ON ELECTRON CAPTURE
RELATION TO EQUILIBRIUM OF A DILUTE ELECTRON PLASMA
A PROPAGATION EXPERIMENT FOR MEASURING ELECTRON DENSITY IN THE D-REGION OF THE IONOSPHERE
CURRENT SATURATION AND TRAP-CONTROLLED ELECTRON DRIFT MOBILITY IN PHOTOCONDUCTIVE COS
REFORMULATION OF THE DIAC THEORY OF THE ELECTRON
ROCKET MEASUREMENTS OF LOW-ENERGY AURORAL ELECTRON ENERGY SPECTRA FINAL REPORT OCT 1967
DAILY AND SEASONAL VARIATION OF THE TOTAL ELECTRON CONTENT OF THE IONOSPHERE OVER TORTOSA
MULTIPLE DIFFRACTION ORIGIN OF LOW ENERGY ELECTRON DIFFRACTION INTENSITIES
THEORY OF OPTICAL PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM
PHOTOCONDUCTIVITY SPECTRA OF LOW-TEMPERATURE ELECTRON-IRRADIATED GERMANIUM
PREPARATION OF THIN SECTIONS FOR TRANSMISSION ELECTRON MICROSCOPY
ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON ATOMS FINAL REPORT FEB 1967
OBSERVATIONS OF LARGE-SCALE COHERENT PULSATING ELECTRON PRECIPITATION EVENTS IN THE AURORAL ZONE ACCOMPANIED BY
SURFACE LATTICE DYNAMICS OF SILVER I LOW-ENERGY ELECTRON DEBYE-WALLER FACTOR
PROXIMITY EFFECT IN SUPERCONDUCTING CONTACTS BY ELECTRON TUNNELING
EXPERIMENTS ON THE INJECTION AND CONTAINMENT OF ELECTRON CLOUDS IN A TOROIDAL APPARATUS
SURFACE LATTICE DYNAMICS OF SILVER II LOW-ENERGY ELECTRON THERMAL DIFFUSE SCATTERING
COMPUTER EXPERIMENTS ON LOW DENSITY CROSS-SECTION FIELD ELECTRON BEAMS
ROCKET AND SATELLITE TECHNIQUES FOR MEASUREMENT OF ELECTRON DENSITY AND RELATED IONOSPHERIC PARAMETERS FINAL REPORT
CERTAIN SEMICONDUCTOR APPLICATIONS OF THE SCANNING ELECTRON MICROSCOPE
ACOUSTOELECTRIC OSCILLATIONS CURRENT SATURATION AND ELECTRON DRIFT MOBILITY IN CADMIUM SULPHIDE CRYSTALS
OPTICAL IONIZATION-EXCITATION FUNCTIONS OF HELIUM BY ELECTRON IMPACT
AN EVALUATION OF ABSORPTION CORRECTION FUNCTIONS FOR ELECTRON PROBE MICROANALYSIS
THE MEASUREMENT OF ELECTRON AFFINITIES BY THE GASEOUS ELECTRON CAPTURE TECHNIQUE
A STUDY OF THE NEUTRON β SURFACE USING LOW ENERGY ELECTRON DIFFRACTION TECHNIQUES
CORRECTIONS TO THE DIELECTRIC CONSTANT OF A DEGENERATE ELECTRON GAS
NEW RELATIONS CONNECTING MOLECULAR PROPERTIES AND ELECTRON AND X-RAY DIFFRACTION INTENSITIES
UNOBTAINED WHISTLER EVIDENCE FOR A SECONDARY PEAK IN THE ELECTRON ENERGY SPECTRUM NEAR 10 KEV
INFLUENCE OF EXCHANGE ON THE STATIC POLARIZATION OF AN ELECTRON GAS
EFFECTIVE CHARGES LAB IN A PARTIALLY IONIZED PLASMA WITH ELECTRON DENSITY FLUCTUATIONS
FURTHER COMMENTS ON THE PAPER ON THE INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM AMORPHOUS BORON/
ABSOLUTE MEASUREMENTS OF THE 2 SUPPER 1 P AND 2 SUPPER 3 P ELECTRON EXCITATION CROSS SECTIONS OF HELIUM ATOMS
THE PROPERTIES OF DEFECTS INTRODUCED IN SILICON BY 10-KEV ELECTRON IRRADIATION FINAL REPORT JUNE 1968
EXPERIMENTAL VERIFICATION OF LANDAU WAVES IN AN ISOTROPIC ELECTRON PLASMA
STUDY OF THERMIONIC CONVERTER ELECTRODE SURFACES USING THE ELECTRON MIRROR MICROSCOPE
SELF-FIELD LIMITING OF JOSEPHSON TUNNELING OF SUPERCONDUCTING ELECTRON PAIRS
DIETETARY PHOSPHINE COMPLEXES OF COBALT SPECTRAL MAGNETIC AND ELECTRON PARAMAGNETIC RESONANCE STUDIES
POLARIZATION OF LIGHT EMITTED FROM THE EXCITATION OF H SUR 2 BY ELECTRON IMPACT
DETECTION AND IDENTIFICATION OF SHORT-LIVED FREE RADICALS BY AN ELECTRON SPIN RESONANCE TRAPPING TECHNIQUE
THE TROUGH SEEN IN HIGH LATITUDE OBSERVATIONS OF THE IONOSPHERIC ELECTRON CONTENT
GALACTIC DEUTERIUM AND ITS ENERGY SPECTRUM ABOVE TWENTY MILLION ELECTRON VOLTS PER NUCLEON
PREPARATION OF THIN SECTIONS BY ION HONORAMENT FOR TRANSMISSION ELECTRON MICROSCOPY
EXPERIMENTAL TESTS OF HYDROGEN β STARK BROADENING THEORY AT HIGH ELECTRON DENSITIES
THE POLARIZATION OF A CLOSED-SHELL CORP OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON I A CORRECTION TO THE ADIABATIC
THE POLARIZATION OF A CLOSED-SHELL CORP OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON II EVALUATION OF THE POLARIZABILITIES
SEMICLASSICAL THEORY OF THE EFFECTS OF INTERNAL MOTIONS ON THE LINEWIDTHS IN ELECTRON SPIN RESONANCE SPECTRA
THE EFFECT OF FINITE ION MASS ON THE STABILITY OF A SPACE CHARGE NEUTRALIZED ELECTRON BEAM
SPACE-TIME SOLVED HACH-PRINCE INTERFEROMETER MEASUREMENTS OF CROSSSECTIONAL ELECTRON DISTRIBUTION IN THETA-PICH
ABSOLUTE DETERMINATION OF FLOW PARAMETERS IN A LOW DENSITY HYPERSONIC TUNNEL PART I ELECTRON BEAM STUDIES OF
INVESTIGATION OF GRAIN BOUNDARY ENERGIES IN FERRIC OXIDE THIN FILMS BY TRANSMISSION ELECTRON MICROSCOPY
HIGH-RESOLUTION STUDY OF ELECTRON-IMPACT SPECTRA AT KINETIC ENERGIES BETWEEN 33 AND 100 ELECTRON VOLT AND SCATTERING
RELATIVISTIC TRANSFORMATION LAWS FOR THERMODYNAMICAL VARIABLES WITH APPLICATION TO THE CLASSICAL ELECTRON THEORY
- ELECTRON-BEAM
SPATIAL DISTRIBUTION OF EXCESS CARRIERS IN ELECTRON-BEAM EXCITED SEMICONDUCTORS
MEASUREMENT OF DIFFUSION LENGTHS IN DIRECT-GAP SEMICONDUCTORS BY ELECTRON-BEAM EXCITATION
- ELECTRON-BREMSSTRAHLUNG
A ROCKET BORNE AIR DENSITY MEASUREMENT SYSTEM UTILIZING ELECTRON-BREMSSTRAHLUNG-CALIBRATION AND FLIGHT
- ELECTRON-CATION
UNSTABLE INTERMEDIATES PART XL SOLVATED ELECTRONS ELECTRON-CATION INTERACTIONS IN POTASSIUM-AMINE SOLUTIONS
- ELECTRON-COUPLED
NUCLEAR MAGNETIC RESONANCE STUDY OF ELECTRON-COUPLED INTERNUCLEAR INTERACTIONS IN THALLIUM CHLORIDE
- ELECTRON-EXCITATION
MOLECULAR PHOTOCHEMISTRY V. PHOTOCYCLOADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS
- ELECTRON-DETACHMENT
ELECTRON-DETACHMENT IN HYDROGEN MINUS ION PLUS FLUORINE AND ATOMIC HYDROGEN PLUS FLUORINE ION COLLISIONS
- ELECTRON-DIFFRACTION
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER DATA III

ARL 67-0166
AFCL67-0699
AFOSR67-1724
ARL 68-1017
ARL 68-1173
AFCL67-0442
AFOSR67-1087
AFCL68-0502
AFOSR67-1912
AFOSR68-0365
AFOSR68-0614
AFOSR68-1125
AFOSR67-2819
AFOSR68-0397
ARL 67-1042
AFOSR67-1410
ARL 68-1394
AFOSR67-2829
AFOSR68-2144
AFCL67-0376
AFOSR68-0038
AFCL67-0381
AFOSR67-1903
AFCL67-0530
AFCL67-0581
AFOSR68-1261
AFCL67-0610
AFCL67-0682
AFOSR68-1493
AFOSR68-1732
AFCL68-0215
ARL 67-1150
AFOSR67-0899
AFOSR67-1314
AFOSR67-0533
AFOSR67-1732
AFOSR68-1939
AFOSR67-2475
AFOSR67-1794
AFCL68-0010
AFOSR67-0490
AFCL67-0285
AFOSR67-2646
AFOSR68-1868
AFOSR68-1253
ARL 67-0025
AFOSR67-0173
AFOSR67-1154
AFOSR68-2817
ARL 68-0092
ARL 68-0285
ARL 67-0246
AFOSR68-1128
AFCL68-0368
ARL 68-0340
AFCL68-0101
AFOSR67-0170
AFOSR67-2796
AFOSR67-2674
AFOSR68-2867
AFCL67-0175
AFOSR67-1204
ARL 67-0249
ARL 68-1183
AFCL68-0523
AFCL68-0524
AFOSR68-0368
ARL 68-1196
AFOSR68-0878
ARL 68-1114
AFOSR68-2402
AFOSR68-2594
AFOSR67-0192

AFOSR67-1857
AFOSR67-1391

AFCL67-0613

AFOSR67-0191

AFOSR67-0813

AFOSR67-2185

AFOSR68-1979

AFOSR67-0275
AFOSR67-0276
AFOSR67-0277

ELECTRON-IMPULSION
POLARIZATION OF LIGHT FROM ELECTRON-HELIUM COLLISIONS AFOSR67-1218
ELECTRON-IMPACT
BREAKDOWN MINIMA DUE TO ELECTRON-IMPACT IONIZATION IN SUPER-HIGH-PRESSURE GASES IRRADIATED BY A FOCUSED GIANT-PULSE HIGH-RESOLUTION STUDY OF ELECTRON-IMPACT SPECTRA AT KINETIC ENERGIES BETWEEN 33 AND 100 ELECTRON VOLT AND SCATTERING QUADRUPOLE-ALLOWED TRANSITIONS IN THE ELECTRON-IMPACT SPECTRUM OF NITROGEN AFOSR67-0768
AFOSR68-2904
AFOSR67-0194
ELECTRON-TRANSFER
EFFECT OF N-METHYLINIMIDAZETIC ACID AS A NON-BRIDGING LIGAND IN THE CHROMIUM III-CHROMIUM III ELECTRON-TRANSFER AFOSR68-2807
ELECTRONIC
ELECTRONIC STRUCTURE OF ORGANIC MOLECULES AND ORGANIC SEMICONDUCTORS FINAL REPORT JUNE 1967 AFOSR67-0817
ELECTRONIC STRUCTURE OF THE MANGANATE CHROMATE VANADATE ION FROM THE METAL POTASSIUM X-RAY SPECTRA AFOSR67-0493
ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON ATOMS FINAL REPORT FEB 1967 AFOSR67-0899
ELECTRONIC STRUCTURE AND GROUND STATE OF SCANDIUM MONOFLUORIDE AFOSR67-1146
ELECTRONIC STRUCTURE AND GEOMETRY OF HYDROGEN CYANIDE AFOSR67-2443
ELECTRONIC STRUCTURE AND STABILITY OF THE INORGANIC PULMINATES AFOSR68-0613
ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS II SPECTROSCOPIC EFFECTS OF PHENYL SUBSTITUTION IN BENZYL ANIONS AFOSR68-1092
ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS I SPECTROSCOPIC EFFECTS OF METHYL GROUPS AND CORRESPONDING O O RING AFOSR68-1166
ELECTRONIC ABSORPTION SPECTRA OF ION PAIRS COMPOSED OF SUBSTITUTED ANINE PICRATES IN ACETONITRILE AFOSR68-1696
ELECTRONIC ENERGY RELAXATION IN TOLUENE VAPOR AFOSR68-2871
ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS -- REFINEMENT OF FIRST-PRINCIPLES ENERGY BAND MODELS ARL 65-0244
ELECTRONIC STRUCTURE AND OPTICAL PROPERTIES OF MIXED CRYSTALS ARL 69-1058
ELECTRONIC PROPERTIES OF CERAMIC MATERIALS ARL 68-1157
ELECTRONIC STRUCTURE OF II-VI AND III-V COMPOUNDS AS CALCULATED BY THE OPW METHOD ARL 69-1349
ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS - EMPIRICALLY-ADJUSTED OPW ENERGY BAND CALCULATIONS ARL 68-1410
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF CRYSTALS ARL 68-1411
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF SILICON CARBIDE ARL 68-1413
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF GEP, SNT, PDS, PDS AND PBT ARL 68-1419
THE ELECTRONIC COMPUTER PROGRAM FOR LOCALIZATION OF NEAR SEISMIC IN THE IBERIAN PENINSULA REGION AFOSR67-2156
THE ELECTRONIC SPECTRA OF SIMPLE MOLECULES FINAL REPORT JULY 1968 AFOSR68-1892
USING ELECTRONIC CIRCUITS TO MODEL SIMPLE NEUROELECTRIC INTERACTIONS AFOSR68-2116
AIRBORNE ELECTRONIC ULTRA-FAST SCANNING SPECTROMETER AFOSR67-0820
STUDY OF ELECTRONIC COLLISION CROSS SECTIONS FINAL REPORT JAN 1968 AFOSR68-2307
HIGH-FIELD ELECTRONIC PHENOMENA IN THIN FILMS AFAL 67-0004
RESEARCH ON ELECTRONIC INTERACTION IN MATERIALS AND ON DATA PROCESSING THEORY FINAL REPORT NOV 1967 AFOSR67-0652
PROBING THE ELECTRONIC PROPERTIES OF CRYSTALS BY PRESSURE ARL 68-1397
STUDIES OF THE ELECTRONIC STATES OF SIMPLE LIQUIDS AFOSR68-1098
INVESTIGATION OF ELECTRONIC FRINGE DETECTOR FOR A STELLAR INTERFEROMETER FINAL REPORT FEB 1967 AFOSR67-0117
SIZE EFFECTS IN THE ELECTRONIC THERMAL CONDUCTIVITY OF GALLIUM SINGLE CRYSTALS AFOSR68-0507
LASER OSCILLATION ON ELECTRONIC TRANSITIONS IN NEUTRAL NSUB2 AND CO AFOSR67-1588
THE RELATION BETWEEN THE ELECTRONIC OSCILLATOR STRENGTH AND THE WAVELENGTH FOR DIATOMIC MOLECULES AFOSR67-1013
PHOTOMISSIION STUDY OF THE ELECTRONIC STRUCTURE OF COTE AFOSR67-0406
A DIGITAL COMPUTER FOR THE ELECTRONIC MUSIC STUDIO AFOSR68-0776
PHYSICAL CHARACTERIZATION OF ELECTRONIC MATERIALS DEVICES AND THIN FILMS AFOSR68-0091
COUPLING BETWEEN NUCLEAR AND ELECTRONIC MOTION IN DIATOMIC MOLECULES AFOSR67-1975
DE-EXCITATION RATES OF EXCITED ELECTRONIC STATES IN SOLIDS AFOSR67-2775
OPTICAL MODEL CALCULATION OF THE ELECTRONIC STATES OF MIXED DISORDERED SYSTEMS AFOSR68-2391
PHOTOMISSIION INVESTIGATION OF THE ELECTRONIC STRUCTURE OF CHROMIUM AFOSR68-0920
THE REACTION OF MOLECULES IN EXCITED ELECTRONIC STATES WITH PARAMAGNETIC GASES FINAL REPORT FEB 1967 AFOSR67-0280
SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART I-THEORETICAL BACKGROUND AND APPLICATIONS AFOSR67-0392
SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART II-PROGRAM MANUAL AFOSR67-0393
SIMULTANEOUS PARALLEL PUMPING OF NUCLEAR AND ELECTRONIC SPIN WAVES AFOSR68-0802
PIPD-OPTICAL CONSTANTS DEFORMATION POTENTIALS AND THE ELECTRONIC STRUCTURE OF COPPER AFOSR68-0723
THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS IV THE ELECTRONIC STATES OF THE PARACYCLOPHANE ANION AFOSR67-0644
ELECTRONICALLY
ENERGY DISTRIBUTION IN ELECTRONICALLY EXCITED CH AND CARBON IN LOW PRESSURE HYDROCARBON FLAMES AFOSR68-1577
ELECTRONICS
BIENNIAL OF ELECTRONICS RESEARCH NO. 7 FINAL REPORT MAY 1968 AFOSR68-0890
JOINT SERVICES ELECTRONICS PROGRAM FINAL REPORT FEB 1967 AFOSR67-1396
JOINT SERVICES ELECTRONICS PROGRAM FINAL REPORT MARCH 1968 AFOSR68-0980
TEXAS BIENNIAL OF ELECTRONICS RESEARCH NO. 4 FINAL REPORT NOV 1966 AFOSR67-0265
TEXAS BIENNIAL OF ELECTRONICS RESEARCH NO. 5 FINAL REPORT MAY 1967 AFOSR67-1115
TEXAS BIENNIAL OF ELECTRONICS RESEARCH NO. 6 FINAL REPORT NOV 1967 AFOSR67-2342
FIFTH ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW AFOSR68-0581
PROCEEDINGS OF ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW 4TH AUSTIN TEXAS 16-17 MAR 1967 AFOSR67-0851
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS- PART I THE SINGLE ENERGY LEVEL DEFECT CENTERS AFOSR67-1650
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS - PART II THE MULTIPLE ENERGY LEVEL IMPURITY CENTERS AFOSR67-1708
ANALYSIS AND SYNTHESIS OF NETWORKS USING RESONATORS COMPATIBLE WITH INTEGRATED ELECTRONICS AFOSR67-0472
ELECTRONS
ELECTRONS WITHIN THE NEUTRAL SHEET OF THE MAGNETOSPHERIC TAIL AFOSR68-0854
MOTION OF ELECTRONS IN LIQUID ARGON AFOSR67-2165
LOW ENERGY ELECTRONS ON A FIELD LINE WITH A POTENTIAL MINIMUM AFOSR67-0328
MOBILITY OF ELECTRONS IN COMPENSATED SEMICONDUCTORS II THEORY AFOSR68-0805
MOBILITY OF ELECTRONS IN COMPENSATED SEMICONDUCTORS I EXPERIMENT AFOSR68-0807
DYNAMICS OF ELECTRONS IN SOLIDS IN EXTERNAL FIELDS AFOSR68-2067
THEORY OF HOT ELECTRONS IN GASES LIQUIDS AND SOLIDS AFOSR67-2509
NOTE ON SECONDARY ELECTRONS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE ARL 68-0293
LOW-ENERGY AURORAL ELECTRONS MEASURED BY SATELLITE OV3-1 AFOSR67-0399
MUTUAL REFRACTION OF ELECTRONS AND PHOTONS AFOSR67-0472
THE WALL MOBILITY OF ELECTRONS AND HOLES IN WMO AT HIGH TEMPERATURES ARL 68-0159
THE SIZE OF A LONE PAIR OF ELECTRONS EVIDENCE FOR AN AXIAL T-BUTYL GROUP AFOSR67-0023
ENERGY SPECTRA OF SECONDARY ELECTRONS FROM METALS AFOSR67-0651
NONLINEAR MAGNETO-OPTICS OF ELECTRONS AND HOLES IN SEMICONDUCTORS AND SEMIMETALS AFOSR67-1126
RADIATION FROM RELATIVISTIC ELECTRONS FINAL REPORT APRIL 1967 AFOSR67-1394
DRIFT VELOCITY AND ENERGY OF ELECTRONS IN LIQUID ARGON AFOSR67-1673
THE DIELECTRIC CONSTANT OF BLOCH ELECTRONS IN CROSSED ELECTRIC AND MAGNETIC FIELDS AFOSR67-0591
SPATIAL DISTRIBUTION OF ENERGETIC ELECTRONS IN THE GEOMAGNETIC TAIL AFOSR67-1190
ELECTRIC FIELD HEATING OF D-REGION ELECTRONS AFOSR67-0121
NONLINEAR MAGNETO-OPTICS OF LANDAU ELECTRONS AFOSR67-0171
EXCHANGE POTENTIAL FOR NEARLY FREE ELECTRONS ARL 67-0175
NATURE OF THE INTERACTION OF SECONDARY ELECTRONS WITH CHEMICAL SYSTEMS AFOSR68-0941
UNSTABLE INTERMEDIATES PART XL SOLVATED ELECTRONS ELECTRON-CATION INTERACTIONS IN POTASSIUM-AMINE SOLUTIONS AFOSR67-0191
EXPERIMENTAL EVIDENCE FOR HIGHLY MOBILE ELECTRONS IN NIO AND WMO AT HIGH TEMPERATURES ARL 68-1169
TEMPERATURE VARIATION OF THE MOBILITY OF ELECTRONS IN RUTILE AT ELEVATED TEMPERATURES ARL 67-1144
DYNAMICAL SCREENING AND MAGNETIC PHASES FOR ELECTRONS IN SOLIDS AFOSR67-2652
RESONANCE SCATTERING AND THE DRIFT MOTION OF ELECTRONS THROUGH GASES AFOSR68-2035

ELECTRONS

- CONTINUED

THEORETICAL STUDIES ON INELASTIC COLLISIONS OF ELECTRONS WITH ATOMS AND MOLECULES FINAL REPORT MAY 1968
TOMASCH EFFECT AS A PROBE OF THE DISPERSION RELATION OF ELECTRONS IN GAPLESS SUPERCONDUCTORS
TMP FLUORESCENCE OF AIR AND NITROGEN EXCITED BY ENERGETIC ELECTRONS FINAL REPORT JAN 1968
THEORY OF THE INTERACTION OF HIGH-FREQUENCY SOUND WAVES AND ELECTRONS
EXPERIMENTAL VERIFICATION OF THE FERMI-DIRAC DISTRIBUTION OF ELECTRONS IN GALLIUM
CORRELATION EFFECTS IN ATOMS II ANGULAR CORRELATIONS BETWEEN ELECTRONS
THE DIFFERENTIATION BETWEEN UNIDENTATE AND BIDENTATE LIGANDS WHICH DONATE THREE ELECTRONS TO A METAL ATOM
REMARKS ON THE RECENT LITTER OBSERVATION OF MAGNETIC SOUND STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS
A SUBSONIC 0-REGION PROBE EXPERIMENT USING AN ULTRAVIOLET SOURCE TO PRODUCE IONS AND FREE ELECTRONS
ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY II COMPUTER EXPERIMENTS ON THE REFLECTION OF SLOW ELECTRONS IN THE

APCRL68-0299
AFOSR67-0039
APCRL67-0277
AFOSR68-0644
AFOSR67-1884
AFOSR67-2281
AFOSR67-0601
AFOSR67-1784
APCRL67-0080
APCRL67-0378

ELECTROOPTIC

ELECTROOPTIC JUNCTION MODULATORS
ELECTROOPTIC BEHAVIOR OF MONODISPERSE NITRONITE SOLS

AFOSR68-1190
AFOSR68-2071

ELECTROPHILIC

ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXVII CARBANIONS AS INTERMEDIATES IN THE BASE-CATALYZED
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXIX RELATIONSHIPS BETWEEN POSITION OF PROTONATION OF ALLYLIC ANIONS
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXII BEHAVIOR OF PHENYLALLYLIC ANIONS AND THEIR CONJUGATED ACIDS
MECHANISMS OF ELECTROPHILIC SUBSTITUTION IN METALLOCENES THE INSIDE-OUTSIDE RELATIONSHIP
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR II CONCOMITANT ELECTROPHILIC AND NUCLEOPHILIC CATALYSIS OF THE

AFOSR67-0360
AFOSR67-0429
AFOSR67-0447
AFOSR68-0433
AFOSR67-0031

ELECTROPHORETIC

APPLICATIONS ON NON-UNIFORM ELECTRIC FIELDS PART I - ELECTROPHORETIC EVALUATION OF ADSORPTION

AFOSR67-1871

ELECTROPHYSIOLOGICAL

ELECTROPHYSIOLOGICAL EVIDENCE FOR A NEURAL STAGE IN DARK ADAPTATION
ELECTROPHYSIOLOGICAL STUDY OF TECTAL RESPONSES TO OPTIC NERVE VOLLY
ELECTROPHYSIOLOGICAL STUDY OF VISUAL CORTICAL MECHANISMS ACTIVATED DURING AVOIDANCE CONDITIONING TRAILS IN MACAQUES
BIOPHYSICAL AND ELECTROPHYSIOLOGICAL STUDIES OF SENSORY MECHANISMS FINAL REPORT DEC 1968
STUDY OF THE BRAIN MECHANISMS UNDERLYING THE CHANGES OF CONSCIOUSNESS AND THEIR ELECTROPHYSIOLOGICAL CORRELATES

AFOSR67-2548
AFOSR67-2847
AFOSR68-0196
AFOSR68-2789
AFOSR68-2365

ELECTROPLAQUES

ANALYSIS OF DEPOLARIZING AND HYPERPOLARIZING INACTIVATION RESPONSES IN GYMNOTID ELECTROPLAQUES

AFOSR67-1490

ELECTROPRODUCED

PHOTOPRODUCED AND ELECTROPRODUCED MUON PAIRS

APCRL67-0674

ELECTROPRODUCTION

RELATIVISTIC MODEL FOR ELECTROPRODUCTION OF NUCLEON RESONANCES
POSSIBLE MEASUREMENT OF THE NUCLEON AXIAL-VECTOR FORM FACTOR IN TWO-PION ELECTROPRODUCTION EXPERIMENTS

AFOSR68-1400
AFOSR68-2263

ELECTROREFLECTANCE

ELECTROREFLECTANCE STUDY OF INTERBAND MAGNETO-OPTICAL TRANSITIONS IN INDIUM ARSENIDE AND INDIUM ANTIMONIDE AT 1.8

AFOSR67-2361

ELECTRORETINAL

TRANSIENT AND STEADY STATE ELECTRORETINAL RESPONSES

AFOSR68-2688

ELECTRORETINOGRAM

FREQUENCY ANALYSIS OF THE ELECTRORETINOGRAM
SUPPRESSION OF NON-LINEARITIES IN THE PIGEONS ELECTRORETINOGRAM /ERG/

AFOSR68-2661
AFOSR68-2687

ELECTROSTATIC

ELECTROSTATIC EFFECT AND SUPERCONDUCTIVITY IN TINY SAMPLES
ELECTROSTATIC PROBE MEASUREMENTS IN FLOWING SODIUM POTASSIUM-SEEDED ARGON
ELECTROSTATIC CHARGING OF FLUID STREAMS
ELECTROSTATIC RELAXATION WAVES IN AN ISOTROPIC LORENTZ GAS
ELECTROSTATIC PLASMA CONTAINMENT
ON ELECTROSTATIC POTENTIALS AT T⁺ /CE/WATER INTERFACE
THE ELECTROSTATIC FIELD AROUND A 40ER CONDUCTING BODY OF REVOLUTION
COOLED ELECTROSTATIC PROBE
RESEARCH ON ELECTROSTATIC CHARGED DROPLET STREAMS. FINAL REPORT OCT 1967
LANDAU DAMPING AND GROWTH OF ELECTROSTATIC MODES WITH EFFECTS OF SPATIAL VARIATION
KINETIC THEORY OF A SPHERICAL ELECTROSTATIC PROBE IN A STATIONARY PLASMA
INTEGRAL EQUATION TREATMENT OF THE LINEARIZED THEORY OF ELECTROSTATIC PLASMA OSCILLATIONS
SHOCK WAVE PRECURSOR MEASUREMENTS PART I ONE-DIMENSIONAL THEORY OF ELECTROSTATIC PROBES IN UNSTEADY CONDITIONS WITH
INVESTIGATION OF CURRENT-VOLTAGE CHARACTERISTICS OF SPACECRAFT-MOUNTED SPHERICAL ELECTROSTATIC ANALYZERS FINAL REPORT

AFOSR68-0017
AFOSR68-2595
ARL 67-1344
ARL 68-0337
ARL 68-1101
AFOSR68-1515
APCRL67-0610
ARL 67-0244
ARL 67-0211
AFOSR67-2089
AFOSR67-1807
ARL 68-0239
AFOSR68-1747
APCRL68-0588

ELECTROSTRICTION

RELATION BETWEEN PHOTOELASTICITY ELECTROSTRICTION AND FIRST ORDER RAMAN EFFECT IN CRYSTALS OF THE DIAMOND STRUCTURE

AFOSR68-0932

ELECTROTHERMAL

LARGE AMPLITUDE ELECTROTHERMAL WAVES IN A NONEQUILIBRIUM PLASMA

AFOSR68-0743

ELECTROTONIC

PHYSIOLOGY OF ELECTROTONIC JUNCTIONS

AFOSR67-1492

ELEMENT

ELEMENT STIFFNESS-MATRICES FOR BOUNDARY COMPATIBILITY AND FOR PRESCRIBED BOUNDARY STRESSES
A NEW FINITE ELEMENT MODEL FOR SOLID CONTINUA
PLASMA IMPEDANCE ELEMENT IN AN ACTIVE FABRY-PEROT MICROWAVE RESONATOR
THE CONVERGENCE OF FINITE ELEMENT METHOD IN SOLVING LINEAR ELASTIC PROBLEMS
DETERMINATION OF NUCLEAR MATRIX ELEMENT PARAMETERS IN THE FIRST FORBIDDEN BETA DECAY OF AUSUPPER106 AND S8SUPPER122
TRANSPORT OF BIOLOGICAL AMINES AS AN ELEMENT OF DRUG ACTION
AN EVALUATION OF THE ALUMINUM OXIDE HUMIDITY ELEMENT
A VARIATIONAL PRINCIPLE AND THE CONVERGENCE OF A FINITE- ELEMENT METHOD BASED ON ASSUMED STRESS DISTRIBUTION

AFOSR67-1940
AFOSR68-1867
AFOSR68-2125
AFOSR67-2507
ARL 67-1044
AFOSR68-0802
APCRL68-0847
AFOSR68-0384

ELEMENTAL

SPOT TESTS FOR THE DETECTION OF ELEMENTAL ARSENIC ANTIMONY AND TIN
THE HEATS OF COMBUSTION OF POLYTETRAFLUOROETHYLENE /TEFLON/ AND GRAPHITE IN ELEMENTAL FLUORIDE

ARL 67-0086
AFOSR67-2013

ELEMENTARY

ELEMENTARY EXCITATIONS IN PI-ELECTRON MOLECULES
 ELEMENTARY PATH COUNTS
 ELEMENTARY AND COMPOSITE PARTICLES IN THE V-THETA SECTOR OF THE LEE MODEL
 RESEARCH IN ELEMENTARY PARTICLE PHYSICS FINAL REPORT JUNE 1968
 THE METHOD OF ELEMENTARY SOLUTIONS FOR KINETIC MODELS WITH VELOCITY DEPENDENT COLLISION FREQUENCY
 THEORY OF INTERACTING ELEMENTARY EXCITATIONS IN SOLIDS FINAL REPORT JUNE 1968
 THEORETICAL STUDIES IN ELEMENTARY PARTICLES NUCLEAR & LOW TEMPERATURE PHYSICS
 INTERPOLATING FIELDS FOR ELEMENTARY PARTICLES IN THE LEE MODEL
 HIGH ENERGY NUCLEAR PHYSICS AND ELEMENTARY PARTICLES FINAL REPORT JUNE 1967
 COVER PROGRAMMING AND SYSTEMS OF ELEMENTARY MONOTONIC RELATIONS
 ANALYSIS OF SPACE-TIME STRUCTURE IN ELEMENTARY PARTICLE PHYSICS
 ON THE EXPONENTIAL MASS SPECTRUM OF ELEMENTARY PARTICLES FINAL REPORT MARCH 1967
 THEORETICAL WORK IN QUANTUM FIELD THEORY AND ELEMENTARY PARTICLES FINAL REPORT JAN 1968
 POSSIBLE CONFORM INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY

AFOSR66-0118
 AFOSR66-0249
 AFOSR66-0306
 AFOSR66-2313
 AFOSR67-0691
 AFOSR66-1038
 AFOSR66-1426
 AFOSR66-2733
 AFOSR66-2894
 AFOSR66-2440
 AFOSR67-0491
 ARL 67-0061
 AFOSR66-1131
 ARL 67-1231

ELEMENTS

MATRIX ELEMENTS FOR A THREE-NUCLEON SYSTEM /11/
 MATRIX ELEMENTS FOR A THREE-NUCLEON SYSTEM /12/
 MATRIX ELEMENTS OF REPRESENTATIONS OF NON-COMPACT GROUPS IN A CONTINUOUS BASIS
 REACTION MATRIX ELEMENTS FOR CLOSED-SHELL NUCLEI USING REALISTIC FORCES
 DETERMINATION OF TRACE ELEMENTS IN STONE METEORITES BY ACTIVATION ANALYSIS /GERMAN/
 OFF-ENERGY-SHELL T-MATRIX ELEMENTS FOR LOCAL POTENTIALS CONTAINING HARD CORES
 ON THE COMPUTATION OF THE NUMBER OF ELEMENTS IN COMBINATIONS OF SETS
 XENON YIELDS IN THE FISSION OF HEAVY ELEMENTS BY MEDIUM-ENERGY PROTONS
 CALCULATION OF ELECTRON SHAKE-OFF FOR ELEMENTS FROM Z EQUAL WITH THE USE OF SELF-CONSISTENT-FIELD WAVE FUNCTIONS
 INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
 INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
 INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
 INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
 INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS FINAL REPORT JULY 1968
 MEASUREMENT OF THE FREE ATOM FRACTION OF 22 ELEMENTS IN AN ACETYLENE-AIR FLAME
 THEORETICAL STUDY OF DIPOLE ARRAY OF N PARALLEL ELEMENTS
 CIRCULAR ANTENNA ARRAYS HAVING TANGENTIAL DIPOLES AS ELEMENTS
 SPACE-TIME CROSS-CORRELATION FUNCTIONS FOR ANTENNA ARRAY ELEMENTS IN A NOISE FIELD
 THERMODYNAMIC PROPERTIES OF ORGANIC DERIVATIVES OF THE LIGHTER ELEMENTS
 STEREO-CHEMISTRY OF SELECTED COMPLEXES OF FIRST ROW TRANSITION ELEMENTS
 THE THERMODYNAMIC PROPERTIES OF ORGANIC DERIVATIVES OF THE LIGHTER ELEMENTS
 MEASUREMENT OF THE DAMPING CONSTANT /THE A-PARAMETER/ OF SEVERAL ELEMENTS IN SEVERAL HYDROGEN AND ACETYLENE-OXYGEN
 BONDING STUDIES OF ORGANOMETALLIC COMPOUNDS OF BORON AND E GROUP IV ELEMENTS, PART I: HEATS OF HYDROLYSIS AND BOND
 THE HEAT OF FORMATION OF BORON TRIFLUORIDE BY DIRECT COMBINATION OF THE ELEMENTS
 ANALYSIS OF RADIATION INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS
 ANALYSIS OF RADIATION-INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS FINAL REPORT FEB 1968
 DISPERSION RELATIONS OF PERIODIC AND LOG-PERIODIC DIPOLE ARRAYS WITH PARASITIC ELEMENTS
 THE RANCHBUPG PHENOMENON FAILURES OF IMMEDIATE RECALL CORRELATED WITH REPETITION OF ELEMENTS WITHIN A STIMULUS

AFOSR67-1359
 AFOSR67-1340
 AFOSR66-1152
 AFOSR66-2782
 AFOSR66-1999
 AFOSR66-2873
 AFOSR67-1680
 AFOSR67-0488
 AFOSR66-2447
 AFOSR67-0567
 AFOSR67-0484
 AFOSR66-0167
 AFOSR66-0372
 AFOSR66-0465
 AFOSR67-1038
 AFOSR67-0484
 AFOSR66-0271
 AFOSR67-0464
 AFOSR67-1787
 ARL 66-1046
 AFOSR66-0984
 AFOSR67-1036
 AFOSR66-1828
 AFOSR67-2017
 AFOSR67-0571
 AFOSR66-0200
 AFOSR67-0389
 AFOSR67-1829

ELEVATED

THE HALL MOBILITY OF NIO AT ELEVATED TEMPERATURES
 INVESTIGATION OF NEGATIVE ION REACTIONS AT ELEVATED PRESSURES IN A TIME-OF-FLIGHT MASS SPECTROMETER
 INVESTIGATION OF PLATES AND SHELLS UNDER EXTERNAL LOADING AND ELEVATED TEMPERATURES FINAL REPORT MARCH 1967
 TEMPERATURE VARIATION OF THE MOBILITY OF ELECTRONS IN RUTILE AT ELEVATED TEMPERATURES
 MODIFICATION OF A TIME-OF-FLIGHT MASS SPECTROMETER FOR INVESTIGATION OF ION-MOLECULE REACTIONS AT ELEVATED PRESSURES

ARL 66-0268
 ARL 66-1216
 AFOSR67-0931
 ARL 67-1144
 ARL 66-0084

ELEVATION

RAPID MODIFICATION OF ISOLATION-INDUCED AGGRESSIVE BEHAVIOR AND ELEVATION OF BRAIN CATECHOLAMINES AND SEROTONIN BY THE

AFOSR66-2732

ELIMINATION

ELIMINATION OF BOUNDARY-LAYER SEPARATION BY SLOT SUCTION
 ON THE ELIMINATION OF ENDMARKERS
 A SIMPLIFIED FORMAT FOR THE MODEL ELIMINATION THEOREM-PROVING PROCEDURE

ARL 66-1114
 AFOSR67-0664
 AFOSR66-0618

ELITES

POLITICAL ELITES A MODE OF ANALYSIS

AFOSR66-0024

ELLIPSOID

SOLUTION OF THE GEDDETFIC BOUNDARY-VALUE PROBLEM IN CASE OF A REFERENCE ELLIPSOID

AFOSR66-0158

ELLIPSONOMETRY

ELLIPSONOMETRY USING A RETARDATION PLATE AS COMPENSATOR

AFOSR67-2087

ELLIPTIC

ELLIPTIC FUNCTIONS FOR COMPLEX ARGUMENTS FINAL REPORT JAN 1967
 THEORY OF ELLIPTIC BOUNDARY PROBLEMS FINAL REPORT MAY 1968
 ON QUASILINEAR ELLIPTIC FUNCTIONAL-DIFFERENTIAL EQUATIONS
 AN IDENTITY FOR ELLIPTIC EQUATIONS WITH APPLICATIONS
 SOME SOLUTIONS OF ELLIPTIC EXTREMAL EQUATIONS IN THE PLANE
 A RESULT CONCERNING ELLIPTIC EQUATIONS OF THE SECOND ORDER AND OF NON VARIATIONAL TYPE /ITALIAN/
 COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS ON UNBOUNDED DOMAINS
 BARRIERS ON CONES FOR UNIFORMLY ELLIPTIC OPERATORS
 ON THE BOUNDARY POINT PRINCIPLE FOR ELLIPTIC EQUATIONS IN THE PLANE
 THE DIRICHLET PROBLEM FOR NON-UNIFORMLY ELLIPTIC EQUATIONS
 ISOLATED SINGULARITIES OF SOLUTIONS OF LINEAR ELLIPTIC EQUATIONS
 PHRAGMEN-LINDELÖF AND COMPARISON THEOREMS FOR ELLIPTIC-PARABOLIC DIFFERENTIAL EQUATIONS
 PHRAGMEN-LINDELÖF AND COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS WITH MIXED BOUNDARY CONDITIONS
 SEPARATION AND STALL OF AN IMPULSIVELY STARTED ELLIPTIC CYLINDER
 ON THE REMOVABLE SINGULAR SETS FOR SOLUTIONS OF ELLIPTIC EQUATIONS
 THE FIRST BOUNDARY VALUE PROBLEM FOR CERTAIN LINEAR ELLIPTIC DIFFERENTIAL EQUATIONS INVOLVING TWO SMALL PARAMETERS
 CALCULATION OF TOROIDAL HARMONICS WITHOUT RECOURSE TO ELLIPTIC INTEGRALS
 A LOWER BOUND FOR THE FIRST EIGENVALUE OF SECOND ORDER ELLIPTIC OPERATORS
 GROWTH AND DECAY PROPERTIES OF SOLUTIONS OF SECOND ORDER ELLIPTIC EQUATIONS
 INEQUALITIES OF POINCARÉ TYPE AND APPLICATIONS TO SINGULAR ELLIPTIC DIFFERENTIAL OPERATORS
 CLASSES OF COMPACT OPERATORS AND EIGENVALUE DISTRIBUTIONS FOR ELLIPTIC OPERATORS
 ASYMPTOTIC FORMULAS WITH REMAINDER ESTIMATES FOR EIGENVALUES OF ELLIPTIC OPERATORS
 THE ASYMPTOTIC DISTRIBUTION OF EIGENVALUES AND EIGENFUNCTIONS FOR ELLIPTIC BOUNDARY VALUE PROBLEMS
 AN EXAMPLE OF EXTREMAL DISCONTINUOUS SOLUTION OF A VARIATIONAL PROBLEM OF ELLIPTIC TYPE

ARL 67-0001
 AFOSR66-1147
 AFOSR67-2128
 AFOSR66-2783
 AFOSR66-2619
 AFOSR66-0573
 AFOSR67-1318
 AFOSR67-2887
 AFOSR66-2686
 AFOSR66-0731
 AFOSR67-0354
 AFOSR67-2323
 AFOSR66-0263
 AFOSR66-1364
 AFOSR66-2831
 AFOSR67-2845
 ARL 67-1275
 AFOSR66-2881
 AFOSR66-1913
 AFOSR66-1278
 AFOSR66-1644
 AFOSR66-1352
 AFOSR66-0173
 AFOSR66-1189

ELLIPTIC-PARABOLIC

DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS OF SECOND ORDER

AFOSR66-2657

ELLIPTIC-PARABOLIC - CONTINUED

A FINITE-DIFFERENCE METHOD FOR OSGENERATE ELLIPTIC-PARABOLIC EQUATIONS	APOS68-2518
ELLIPTICAL	
INCOMPRESSIBLE LAMINAR BOUNDARY LAYER PAST ELLIPTICAL BODIES	APOS68-1744
MAXIMISATION OF DIRECTIVE GAIN FOR CIRCULAR AND ELLIPTICAL ARRAYS	APCRL67-0408
ELONGATION	
ELASTICITY OF SOFT TISSUES IN SIMPLE ELONGATION	APOS68-0640
EMANATING	
STUDY OF ABSORPTION AND REFRACTION CHANGES IN RADIATION EMANATING FROM JUPITER AND RADIO STARS FINAL REPORT FEB 1967	APCRL67-0114
EMBEDDING	
THEORY OF OPTICAL ABSORPTION BY DIATOMIC MOLECULES EMBEDDED IN RARE GAS CRYSTALS	APCRL68-0420
FREQUENCY DEPENDENCE OF THE FIELD STRENGTH COMPONENTS OF A DIPOLE EMBEDDED IN A CONDUCTING MEDIUM	APCRL68-0174
EMBEDDING	
ON EMBEDDING DECOMPOSITION SPACES OF N-DIMENSIONAL EUCLIDEAN SPACE IN N-PLUS-ONE-DIMENSIONAL EUCLIDEAN SPACE	APOS68-2649
RELICHS EMBEDDING THEOREM FOR A SPINY URCHIN	APOS68-0682
EMBEDDMENT	
AN EMBEDMENT OF SOME VERTEBRATE COMMAND AND CONTROL PRINCIPLES	APOS68-2603
EMBRYO	
CILIA REGENERATION IN THE SEA URCHIN EMBRYO	APOS67-0208
CILIA REGENERATION IN THE SEA URCHIN EMBRYO EVIDENCE FOR A POOL OF CILIARY PROTEINS	APOS67-0206
EMERGENT	
EMERGENT LEADERS IN DEVELOPING NATIONS FINAL REPORT APRIL 1968	APOS68-0782
EMERGENT PROPERTIES OF SYSTEMS	APOS68-1696
EMERGING	
COLORIMETRIC DESCRIPTION OF RADIATION EMERGING FROM THE TOP OF A RAYLEIGH ATMOSPHERE	APCRL68-0090
EMISSION	
EMISSION FROM EXCITED TERMINAL STATES OF BOUND EXCITON COMPLEXES	ARL 68-1370
CO EMISSION FROM ACETYLENE-DRYORN FLAMES	APOS67-1106
EDGE EMISSION AND MAGNETO-OPTICAL EFFECTS IN COSF	ARL 67-0146
EDGE EMISSION AND ZFEMAN EFFECTS IN ZNS	ARL 67-1291
FIELD EMISSION FROM CADMIUM SULPHIDE	APOS67-0317
FIELD EMISSION STUDIES OF THE SURFACE MIGRATION OF REFRACTORY METALS FINAL REPORT OCT 1967	APOS67-2408
X-RAY EMISSION FROM CEN X-2	APOS68-0431
NOISE EMISSION OF ELECTRODELESS RING DISCHARGES WITH STATIC MAGNETIC FIELD	ARL 68-1130
EXCITON EMISSION INTENSITY OSCILLATIONS IN ZNSR AND COS	ARL 68-0280
STUDY OF EMISSION SPECTRA BY PHASE-DISCRIMINATION METHODS FINAL REPORT APR 1968	APCRL68-0247
DIRECTED EMISSION MODEL FOR QUASARS	APOS68-0791
THE EDGE EMISSION BANDS IN CADMIUM SULFIDE	ARL 68-0233
MICROWAVE EMISSION FROM INDIUM-NICKEL ANTIMONIDE EUTECTIC	APOS68-2268
GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE	ARL 67-1284
GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE	ARL 68-0299
GREEN EDGE EMISSION BANDS IN CHLORINE-DOPED CADMIUM SULFIDE	ARL 68-0300
SPONTANEOUS EMISSION IN THE PRESENCE OF A PRESCRIBED CLASSICAL FIELD	APCRL67-0510
PHOTOELECTRIC EMISSION FROM DONOR-ACCEPTOR SOLIDS AND DONOR MOLECULES	APOS68-1257
STUDIES OF THE EMISSION FROM INDIUM ANTIMONIDE	APOS68-2041
SECONDARY ELECTRON EMISSION IN THE ELECTRON PROBE	APOS67-2828
SECONDARY-ELECTRON EMISSION FROM GLYCEROL-COATED COPPER SURFACES	APOS68-0303
THE ABSORPTION AND EMISSION OF IMPURITY LINES FROM HOT COMPRESSED ARGON WITH A TRACE OF GRAPHITE POWDER	APOS68-2105
CONTINUOUS MICROWAVE EMISSION FROM INDIUM ANTIMONIDE	APOS67-0818
PHOTON-ENHANCED FIELD EMISSION FROM COS SINGLE CRYSTALS	APOS67-1363
SPATIAL RESOLUTION OF EMISSION AND ABSORPTION COEFFICIENTS IN SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY	ARL 67-0279
LOW TEMPERATURE SURFACE EMISSION IN SEEDED COMBUSTION PRODUCTS	APOS67-0697
PHONON COUPLING IN EDGE EMISSION AND PHOTOCONDUCTIVITY OF COS COS AND COSB S	ARL 67-0032
OSCILLATIONS IN EXCITON EMISSION IN THE EXCITATION SPECTRA OF ZNSR AND COS	ARL 68-0246
THE SHIFT OF SOME OF THE EMISSION LINES OF IRON AND OTHER METALS FOR NI CA CU AND AL PRODUCED BY ARGON AND HELIUM	APOS67-2246
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES. PART II. ASYMMETRICAL SOURCES.	ARL 67-0036
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES PART I CIRCULARLY SYMMETRIC LIGHT	ARL 67-0038
ELECTRON BEAM STIMULATED EMISSION OF II-VI COMPOUNDS	ARL 67-1312
CHARACTERISTICS OF THE STOKES EMISSION IN THE STIMULATED BRILLOUIN SCATTERING PROCESS	APCRL67-0051
STIMULATION OF JUPITERS RADIO EMISSION BY IO	APOS67-2744
RADIATION EFFECTS ON THE EDGE EMISSION OF COS AND COSB	ARL 68-0295
COHERENT AND INCOHERENT LIGHT EMISSION IN II-VI COMPOUNDS	ARL 67-0174
EXPERIMENTAL MEASUREMENT OF THE EMISSION AND ABSORPTION OF RADIATION BY AN ARGON PLASMA	ARL 67-0167
FREQUENCY RANGE OF THE MICROWAVE EMISSION FROM INSB	APOS67-1893
FIELD- AND PHOTON-ENHANCED FIELD EMISSION FROM THIN-FILM FIELD-EMISSION DEVICES	APOS68-2695
SPATIAL RESOLUTION OF THE VOLUME EMISSION COEFFICIENT IN STRONGLY SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY	ARL 68-0174
IMPROBABILITY OF NON-THERMAL RADIO EMISSION FROM VENUS WATER CLOUDS	APOS67-2279
EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM COS PLATELETS	ARL 68-0304
EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM COS PLATELETS	ARL 68-1362
THEORETICAL ANALYSIS OF A SECONDARY EMISSION EXPERIMENT ON INSULATORS	APCRL67-0469
A STUDY OF LINE SHAPE FOR CO INFRARED EMISSION LINES FINAL REPORT JUNE 1967	APCRL67-0638
CORRELATION BETWEEN OPTICAL AND RADIO EMISSION FROM EXTENSIVE AIR SHOWERS AT LARGE ZENITH ANGLES	APOS67-1324
NEGATIVE RESULTS IN A SEARCH FOR RADIO EMISSION FROM INFRARED AND T TAURI STARS	APOS67-2778
ON THE INTENSITY DISTRIBUTION OF EXCIMER EMISSION	APOS67-0270
MEASUREMENT OF PERMANENT GASES BY A FLAME EMISSION GAS CHROMATOGRAPHIC DETECTOR	APOS67-2810
ENERGY BAND MODEL FOR INFRARED STIMULATED EMISSION IN ZNS SINGLE CRYSTALS	ARL 68-1403
ELECTRON SPIN RESONANCE AND THERMOLUMINESCENT EMISSION	ARL 67-1151
ESTIMATION OF LIMITS OF DETECTION FOR THE FLAME EMISSION GAS CHROMATOGRAPHIC DETECTOR	APOS68-0397
THEORETICAL AND EXPERIMENTAL STUDIES OF INFRARED EMISSION DURING THE LAUNCH PHASE /U/ FINAL REPORT DEC 1966	APCRL67-0173
EVALUATION OF ABSORPTION AND GAIN FROM SPONTANEOUS EMISSION PROFILES	APCRL67-2631
ACCELERATION OF MICROPARTICLES BY LASER-INDUCED VAPOR EMISSION	APOS68-1358
A STUDY OF THE MECHANISMS OF WHISTLER PROPAGATION AND VLF EMISSION GENERATION FINAL REPORT JAN 1968	APOS68-0219
A STUDY OF THE 4020- AND 5009-A LINES IN THE LOW-TEMPERATURE EMISSION OF CADMIUM SULFIDE	ARL 68-1479
TRANSIENT INTERFERENCE STUDIES OF PASSIVELY Q-SWITCHED RUBY LASER EMISSION	APCRL68-0444
THEORETICAL STUDIES OF TRANSMANULAR INTERACTIONS III THE ABSORPTION AND EMISSION SPECTRA OF A MULTILAYERED	APOS67-0226
ATOMIC ADJUSTMENT TO AN INNER-SHELL VACANCY MANGANESE POTASSIUM X-RAY EMISSION SPECTRA FROM AN IRON 55 POTASSIUM-	APOS67-1141
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION	APCRL68-0122

EMISSION - CONTINUED

INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
SPECTROPHOTOMETRY OF GALACTIC NEBULAE INTERNAL OPACITY AND INTERNAL MASS STRUCTURE OF III EMISSION REGIONS FINAL
DIRECT OBSERVATION OF MOLE-BURNING LORENTZ WIDTHS AND COLLISION BROADENING USING STIMULATED EMISSION TECHNIQUES
AFCL66-0302
AFCL66-0447
AFCL66-0078
AFOSR67-2663

EMISSIONS

STIMULATION OF OPTICAL EMISSIONS IN ATMOSPHERIC GASES FINAL REPORT DEC 1966
A THEORY OF DISCRETE VLF EMISSIONS FROM THE MAGNETOSPHERE
INTRA-AND INTERSPHERIC DIFFERENCES IN OCCURRENCE TIMES OF HYDROMAGNETIC EMISSIONS
AFCL67-0068
AFOSR66-1805
AFCL67-0280

EMISSIVITY

SPECTRAL EMISSIVITY CALCULATIONS BY THE STATISTICAL MODEL APPLIED TO THE 4.3 MICRONS BANDS OF CARBON DIOXIDE AT HIGH
AFOSR67-2618

EMITTED

COMBUSTION GAS EMITTED RADIATION AND CHEMILUMINESCENCE PHENOMENA IN SOLID-GAS REACTING SYSTEMS FINAL REPORT APRIL 1967
POLARIZATION OF LIGHT EMITTED FROM THE EXCITATION OF H SUR 2 BY ELECTRON IMPACT
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES. PART II. ASYMMETRICAL SOURCES.
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES PART I CIRCULARLY SYMMETRIC LIGHT
AFOSR67-1798
AFOSR67-2674
ARL 67-0036
ARL 67-0036

EMITTERS

RESEARCH ON SINGLE CRYSTAL ELECTRON EMITTERS FINAL REPORT NOV 1967
THE USE OF PRECISE SCHOTTKY DATA IN THE ANALYSIS OF THE METAL-VACUUM SURFACE BARRIER FOR THERMIONIC EMITTERS I-
AFCL67-0660
AFCL67-0100

EMITTING

ON THE MULTIPLICITY OF THE EMITTING STATE OF RUTHENIUM III COMPLEXES
RADIATIVE HEAT TRANSFER IN ABSORBING, EMITTING AND SCATTERING MEDIA
AFOSR66-1708
ARL 67-0210

EMOTIONAL

NEURAL MECHANISMS OF EMOTIONAL BEHAVIOR /GERMAN/
AFOSR67-2101

EMPHASIS

SOLUTIONS OF LAMINAR BOUNDARY EQUATIONS WITH EMPHASIS ON SEPARATION. PART I - EXACT METHODS. PART II - INTEGRAL
A THEORETICAL AND EXPERIMENTAL RESEARCH PROGRAM IN ELECTRO-MAGNETIC FIELDS WITH EMPHASIS ON TEMPORAL AND SPATIAL
ARL 67-0273
AFCL66-0103

EMPIRICAL

EMPIRICAL DETERMINATION OF SCATTERED LIGHT TRANSPORT THROUGH THE LOWER ATMOSPHERE
AFCL66-0256

EMPIRICALLY-ADJUSTED

ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS - EMPIRICALLY-ADJUSTED OPV ENERGY BAND CALCULATIONS
ARL 66-1410

EMPIRICISM

UNIFICATION OF THEORY AND EMPIRICISM IN INFORMATION RETRIEVAL FINAL REPORT OCT 1967
AFOSR67-2667

EMPIRICS

MASS EMPIRICS
AFOSR67-1718

EMPTY

STATIONARY EMPTY SPACES ENERGY AND EUCLIDEAN BEHAVIOR /FRENCH/
AN EXPLICIT DETERMINATION OF THE EMPTY SPACE-TIMES ON WHICH THE WAVEEQUATION SATISFIES HUYGENS PRINCIPLES
SOLUTION OF THE DISCONTINUITY PROBLEM BETWEEN AN EMPTY RECTANGULAR WAVEGUIDE AND THE SAME GUIDE COMPLETELY FILLED WITH
AFOSR67-2513
ARL 67-1329
AFCL67-0907

EMULSION

AN EQUATION FOR CHARACTERISTIC CURVES OF A SPECTROPHOTOMETRIC EMULSION FINAL REPORT JUNE 1967
ARL 67-0128

EMULSIONS

CONVERSION YIELDS OF SOME PHOTOGRAPHIC EMULSIONS AND RELATED FACTORS
A PHOTOMETRIC DEVICE FOR THE IDENTIFICATION OF MULTIPLY CHARGED PARTICLES STOPPING IN NUCLEAR EMULSIONS
ARL 67-0173
AFOSR67-1284

ENCODING

ON THE NATURE OF SHORT-TERM MEMORY ENCODING BY THE DEAF
RULE LEARNING AND RULE INTERFERENCE IN TIRGRAM ENCODING
AFOSR67-1813
AFOSR66-0596

ENDINGS

2 ADRENERGIC ENDINGS AND VESICLES ISOLATED FROM BRAIN
DEPOLARIZATION OF OPTIC FIBER ENDINGS IN THE LATERAL GENICULATE BODY
RETICULAR RECIPROCAL INTERACTION UPON FIBER ENDINGS IN THE LATERAL GENICULATE NUCLEUS OF THE CAT
AFOSR67-1103
AFOSR66-2700
AFOSR67-2537

ENDMARKERS

ON THE ELIMINATION OF ENDMARKERS
AFCL67-0666

ENDOCRINE

5-HYDROXYTRYPTAMINE AND RELATED AMINES IN ENDOCRINE CELL SYSTEMS
RECIPROCAL CONTROLS BETWEEN NERVOUS SYSTEM AND ENDOCRINE SECRETION FINAL REPORT FEB 1967
AFOSR66-2798
AFOSR67-0920

ENDWALL

NATURE OF THE FLOW IN A SWIRL CHAMBER HAVING ENDWALL FLOW REVERSAL FINAL REPORT JULY 1968
ARL 66-0131

ENERGETIC

ENERGETIC AND ANGULAR STUDIES OF ARGON-DEUTERIUM POSITIVE MOLECULAR ION AND NITROGEN-DEUTERIUM POSITIVE MOLECULAR
SPATIAL DISTRIBUTION OF ENERGETIC ELECTRONS IN THE GROUND MAGNETIC TAIL
PLASMA DENSITY MEASUREMENTS WITH ENERGETIC BEAMS FINAL REPORT JAN 1967
RESEARCH DIRECTED TOWARD MEASUREMENT OF THE ENERGETIC CHARGED PARTICLE ENVIRONMENT IN NEAR-EARTH SPACE FINAL REPORT
THE FLUORESCENCE OF AIR AND NITROGEN EXCITED BY ENERGETIC ELECTRONS FINAL REPORT JAN 1968
DENSITY CONTOURS AND DENSITY FLUCTUATION MEASUREMENTS OF AN ENERGETIC HELIUM ARC
A SIMPLIFIED MODEL FOR THERMAL SHOCK AND SPALLATION IN PARTIALLY TRANSPARENT ELASTIC MATERIALS UNDER ENERGETIC
AFOSR67-1374
AFOSR67-1199
AFOSR67-0611
AFCL67-0231
AFCL67-0277
AFOSR66-0480
AFOSR66-1552

ENERGETICS

ENERGETICS OF MUSCLE ACTIVITY IN RELATION TO THE MOLECULAR PHYSIOLOGY OF THE CONTRACTION PROCESS FINAL REPORT DEC 1966 AFOSR66-1636
 NEUROPTICS OF CARDIAC CONTRACTIONS AFOSR66-1717
 NEUTRAL ATMOSPHERIC NEUROPTICS DURING JANUARY 1969 FINAL REPORT JULY 1968 AFOSR66-0486
 NUCLEAR STABILITY AND NUCLEAR NEUTRONICS BY MEANS OF ATOMIC MASS MEASUREMENT FINAL REPORT JULY 1967 AFOSR67-1716
 INVESTIGATION OF GRAIN BOUNDARY NEUTRONICS IN ERBIUM OXIDE THIN FILMS BY TRANSMISSION ELECTRON MICROSCOPY AFOSR66-2402
 FLEVENTH AFOSR CONTRACTORS MEETING ON NON-CHEMICAL NEUTRONICS AFOSR66-1377
 SURFACE EFFECTS IN SPEED COMBUSTION PRODUCTS /PROCEEDINGS OF A SPECIALISTS MEETING AGARD PROPULSION AND NEUTRONICS AFOSR67-1216

ENERGIES

STACKING FAULT ENERGIES OF THE STRUCTURALLY RELATED COPPER-GALLIUM ALPHA AND ZETA PHASES AFOSR67-1464
 THE IONIZATION ENERGIES OF SOME PHENOTHIAZINE TRANQUILLIZERS AND MOLECULES OF SIMILAR STRUCTURE AFOSR66-1864
 CONFORMATIONAL ENERGIES AND CONFIGURATIONAL STATISTICS OF COPOLYPEPTIDES CONTAINING L-PROLINE AFOSR66-1488
 CONFORMATIONAL FREE ENERGIES OF THE FORMYL HYDROXYMETHYL AC HYDROXYL GROUPS AS DETERMINED BY THE EQUILIBRATION METHOD AFOSR66-2456
 INTERMOLECULAR POTENTIAL ENERGIES BY A MOLECULAR BEAM SCATTERING METHOD AFOSR67-2011
 NUCLEON-NUCLEON INTERACTION AT HIGH ENERGIES AFOSR67-2750
 EXCITED-STATE WAVEFUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS IN SELENIUM AFOSR66-1561
 EXCITED-STATE WAVE FUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS FOR KRYPTON AND XENON AFOSR67-0748
 ANGULAR DEPENDENCE OF SCATTERING AT HIGH ENERGIES AFOSR66-2262
 A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENT OR CONDUCTIVITY GLOW CURVES/ AFOSR67-1017
 A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENCE OR CONDUCTIVITY GLOW CURVES AFOSR67-1172
 CORE ARRANGEMENT AND HARTREE-FOCK IONIZATION ENERGIES AFOSR67-2770
 GROUND STATES OF SIGMA-BONDED MOLECULES II STRAIN ENERGIES OF CYCLOPROPANES AND CYCLOPROPENES AFOSR67-2227
 MEASUREMENT OF THE LI-HO TOTAL CROSS SECTION AT VERY LOW ENERGIES AFOSR67-2288
 HIGH-RESOLUTION STUDY OF ELECTRON-IMPACT SPECTRA AT KINETIC ENERGIES BETWEEN 33 AND 100 ELECTRON VOLT AND SCATTERING AFOSR66-2394
 NITROGEN-14/NITROGEN-15 NITROGEN-13/NITROGEN-15 REACTION AT LOW ENERGIES AND THE ELASTIC SCATTERING OF NITROGEN-14 BY AFOSR66-0128
 STOPPING CROSS SECTIONS IN BORDON OF LOW ATOMIC NUMBER ATOMS WITH ENERGIES FROM 15 TO 140 KEV AFOSR67-1766
 ISOTOPIC DIFFERENCES IN THE ZERO DEGREE K VOLUME AND SUBLIMATION ENERGIES OF SOLID NEON AND ARGON AFOSR67-0489
 POSSIBLE VARIATION OF STRONG INTERACTION CROSS-SECTION AT INFINITE ENERGIES AFOSR67-0873
 THE 11-YEAR SOLAR MODULATION OF COSMIC RAYS AS DEDUCED FROM DEC 1967 ENERGIES AFOSR66-0081
 SPECULATIONS CONCERNING LARGE-ANGLE NEUTRON-NUCLEON SCATTERING AT HIGH ENERGIES AFOSR67-1442
 TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED MO 110 SURFACE FOR LOW PRIMARY ENERGIES AFOSR67-1442
 TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED MO 110 SURFACE FOR LOW PRIMARY ENERGIES AFOSR67-1442
 TRANSFORMATIONS AND AVERAGING PROCESSES FOR DIFFERENTIAL CROSS-SECTION MEASUREMENTS AT THERMAL ENERGIES AFOSR66-1583

ENERGY

ENERGY SPECTRA OF SECONDARY ELECTRONS FROM METALS AFOSR67-0881
 ENERGY BAND STRUCTURE OF SEMICONDUCTORS FINAL REPORT DEC 1966 AFOSR66-0631
 ENERGY TRANSFER AND ELECTRON CONDUCTION IN THE FLUID TRANSPARATION ARC AFOSR67-0769
 ENERGY CALCULATION OF THE METASTABLE STATE OF HELIUM ION AND LITHIUM AFOSR67-1306
 ENERGY BAND STRUCTURE OF CUPROUS OXIDE IN THE VICINITY OF THE FUNDAMENTAL EDGE FROM MAGNETO-OSCILLATORY ABSORPTION AFOSR67-2331
 ENERGY GAP AND THERMAL CONDUCTIVITY OF PURE AND IMPURE SUPERCONDUCTING TIN AFOSR66-0616
 ENERGY DISTRIBUTION IN REACTION PRODUCTS THE PHOTOLYSIS OF CYCLOBUTADIENE AFOSR66-0043
 ENERGY LOSS MECHANISMS OF PARTICLES IN SEMICONDUCTORS FINAL REPORT FEB 1968 AFOSR66-0344
 ENERGY DISTRIBUTION IN ELECTRONICALLY EXCITED CH AND CARBON IN LOW PRESSURE HYDROCARBON FLAMES AFOSR66-1577
 ENERGY BAND STRUCTURE OF COS USING SELF-CONSISTENT OPW AND PSEUDOPOTENTIAL METHODS AFOSR67-0061
 ENERGY LEVELS OF PHOSPHORUS AFOSR67-1037
 ENERGY TRANSFER STUDIES IN THE LIQUID PHASE RADIOLYSIS OF RARE GAS-HYDROGEN MIXTURES AFOSR67-1146
 ENERGY LEVELS IN C1 SUPER 35 AFOSR67-1200
 ENERGY STATES OF LUG-LYING IMPURITIES UNDER STRESS AFOSR67-1371
 ENERGY BAND STRUCTURE OF CUCL, CUBr, CUI, AND AGI AFOSR67-1405
 ENERGY BAND MODEL FOR INFRARED STIMULATED EMISSION IN ZNS SINGLE CRYSTALS AFOSR67-1463
 ENERGY BAND CALCULATIONS AFOSR67-1487
 LOW ENERGY ELECTRONS ON A FIELD LINE WITH A POTENTIAL MINIMUM AFOSR67-0328
 LOW ENERGY HEAVY PRIMARY PARTICLES IN COSMIC RADIATION AFOSR67-1288
 LOW ENERGY X-RAY AND ELECTRON PHYSICS FINAL REPORT DEC 1967 AFOSR67-2751
 LOW ENERGY QUANTA IMAGE TRANSDUCERS USING A CONTROLLED RECOMBINATION MODE AFOSR67-0041
 LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE (111) SURFACE AFOSR66-1068
 LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE MO 100 SURFACE AFOSR67-1217
 HIGH ENERGY ION IMPLANTATION OF MATERIALS FINAL REPORT JAN 1967 AFOSR67-0123
 HIGH ENERGY MOLECULAR BEAMS FINAL REPORT JAN 1968 AFOSR66-0189
 NEW ENERGY CRITERION AND THE PRINCIPLE OF COMPENSATION OF DANGEROUS DIAGRAMS AFOSR67-1281
 HIGH ENERGY NUCLEAR PHYSICS AND ELEMENTARY PARTICLES FINAL REPORT JUNE 1967 AFOSR67-2294
 HIGH ENERGY PION INTERACTIONS AFOSR66-2285
 HIGH ENERGY INTERACTIONS OF COSMIC RAYS GREATER THAN 1000 SEV OBSERVED AT 5200 M ABOVE SEA LEVEL AFOSR66-2860
 HIGH ENERGY PHYSICS FINAL REPORT AUG 1966 AFOSR66-2876
 FREE ENERGY OF FORMATION OF CUPRIC OXIDE AFOSR66-2882
 STRAIN ENERGY AND METASTABILITY OF 3-DIMENSIONAL DISLOCATION ARRAYS FINAL REPORT AUG 1966 AFOSR67-0662
 EXCHANGE ENERGY STRESS AND MOMENTUM IN A RIGID FERRIMAGNET AFOSR67-01216
 RADIATIVE ENERGY ADDITION BEHIND A SHOCKWAVE AFOSR67-0162
 EFFECTS OF ENERGY GAP ANISOTROPY IN PURE SUPERCONDUCTORS AFOSR66-1344
 CHARGE AND ENERGY TRANSFER IN ORGANIC SYSTEMS FINAL REPORT MAY 1968 AFOSR66-2481
 ULTRA HIGH ENERGY COSMIC RADIATION FINAL REPORT NOV 1966 AFOSR66-2871
 ELECTRONIC ENERGY RELAXATION IN TOLUENE VAPOR AFOSR67-0512
 RESEARCH IN ENERGY TRANSFER THERMAL UNIMOLECULAR SYSTEMS IN THE LOW-PRESSURE REGION AFOSR67-0628
 RESEARCH ON ENERGY ABSORBING STRUCTURES PART V AFOSR67-2484
 THE PRIMARY ENERGY SPECTRUM FROM 7.8 X 10 SUPER 14 EV - 8 X AFOSR66-0185
 RESEARCH ON ENERGY CONVERSION IN FLOWING SYSTEMS FINAL REPORT JAN 1968 AFOSR66-0254
 RESEARCH ON ENERGY ABSORBING STRUCTURES PART VI FINAL REPORT MARCH 1968 AFOSR66-0489
 VIBRATIONAL ENERGY TRANSFER COLLISIONAL QUENCHING OF COMPETITIVE UNIMOLECULAR REACTIONS AFOSR66-1967
 VIBRATIONAL ENERGY TRANSFER FROM A HOMOLOGOUS SERIES OF CHEMICALLY ACTIVATED RADICALS AFOSR66-2139
 COLLISIONAL ENERGY TRANSFER IN THERMAL UNIMOLECULAR SYSTEMS DILUTION EFFECTS AND FALLOFF REGION AFOSR66-2494
 TRANSLATION ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS AFOSR67-0326
 STUDY OF THE ENERGY OF THE FREE OSCILLATIONS OF THE EARTH AFOSR67-2108
 THE HANDLING ENERGY OF MINERALS POLYMORPHS OF SILICA AFOSR67-2427
 RELATIVISTIC ENERGY BAND MODELS FOR GERMANIUM AND GREY TIN AFOSR67-1407
 STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING WIRES FINAL AFOSR67-0276
 TRANSLATIONAL ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS AFOSR67-0276
 CONFORMATIONAL ENERGY ESTIMATES FOR STATISTICALLY COILING POLYPEPTIDE CHAINS AFOSR67-0551
 ARKUNOFFS AND ENERGY SPECTRA OF GALACTIC COSMIC-RAY NUCLEI ABOVE 20 NEV PER NUCLEON IN THE NUCLEAR CHARGE RANGE FROM AFOSR67-1081
 STACKING-FAULT ENERGY AND MANY-BODY FORCE EFFECTS IN SOLID ARGON AFOSR67-1520
 CONFORMATIONAL ENERGY AND CONFIGURATIONAL STATISTICS OF POLY-L-PROLINE AFOSR67-0090
 DISTRIBUTION OF ENERGY IN ELECTRICAL DISCHARGES FINAL REPORT JULY 1967 AFOSR67-1793
 SOME ASPECTS OF ENERGY DEGRADATION OF EXCITED MOLECULES AFOSR66-2870
 CORRECTION TO THE ENERGY OF A CRYSTAL IN THE /ALTERNATE MOLECULAR ORBITAL/ APPROXIMATION AFOSR67-1970
 TECHNIQUES OF LOW ENERGY X-RAY AND ELECTRON PHYSICS 50 TO 1000 EV REGION AFOSR66-2144
 THE STANDARD FREE ENERGY OF FORMATION OF CUPROUS OXIDE AFOSR67-0163
 DRIFT VELOCITY AND ENERGY OF ELECTRONS IN LIQUID ARGON AFOSR67-1673
 INFRARED RADIATIVE ENERGY TRANSFER IN GASEOUS SYSTEMS FINAL REPORT AUGUST 1968 AFOSR67-1673
 NEW STUDIES OF THE ENERGY BAND STRUCTURE OF TETRAEDRALLY- BONDED SEMICONDUCTORS AND SEMIMETALS AFOSR66-1551
 NOTE ON THE PRIMARY ENERGY SPECTRUM AFOSR66-2866
 ELECTROPLASMODYNAMIC ENERGY CONVERSION PROCESSES, CHARACTERISTICS, AND RESEARCH AREAS AFOSR66-1364
 ELECTROPLASMODYNAMIC ENERGY CONVERSION AFOSR66-1366
 SELF-CONSISTENT LOW ENERGY BAND CALCULATIONS AFOSR66-1425

SHORT-PERIOD SEISMIC ENERGY RADIATION PATTERNS FROM UNDERGROUND NUCLEAR EXPLOSIONS AND SMALL-MAGNITUDE EARTHQUAKES
 MODERN TECHNIQUES IN ENERGY TRANSFER
 ESTIMATES OF SPECTRAL ENERGY DENSITY APPLIED TO VERTICAL PROFILES OF THE HORIZONTAL WIND IN THE LOWER IONOSPHERE
 STUDIES OF THERMIONIC ENERGY CONVERSION FINAL REPORT APR 1968
 SIGN OF GRAVITATIONAL ENERGY
 THE MAGNETIC FIELD AND ENERGY OF AN AXISYMMETRIC VAN ALLEN BELT
 RATE OF THE EXCITATION ENERGY IN THE QUENCHING OF FLUORESCENCE BY CONJUGATED DIENES
 RECENT DEVELOPMENTS IN ENERGY TRANSFER
 USE OF THE LASER AS AN ENERGY SOURCE IN FLUID MECHANICS
 STATIONARY EMPTY SPACES ENERGY AND EUCLIDEAN BEHAVIOR /FRENCH/
 EFFECT OF TRANSLATIONAL ENERGY ON ION-MOLECULE REACTION RATES
 ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON ATOMS FINAL REPORT FEB 1967
 A COMPILATION OF BINDING ENERGY VALUES OF LIGHT HYPERNUCLEI
 SOLAR MODULATION AND THE ENERGY DENSITY OF GALACTIC COSMIC RAYS
 FINE STRUCTURE OF FOURTH ENERGY LEVELS OF SIMPLY IONIZED HELIUM
 SPIN WAVES DISPERSION AND ENERGY BANDS IN FCC METALS
 GALACTIC DEUTERIUM AND ITS ENERGY SPECTRUM ABOVE TWENTY MILLION ELECTRON VOLTS PER NUCLEON
 OPTICAL PROPERTIES OF HIGH ENERGY GAP II-VI COMPOUNDS
 MECHANISMS: APPROXIMATIONS IN ENERGY BAND CALCULATIONS
 A ROCKET MEASUREMENT OF LOW ENERGY PHOTONS
 SYMMETRY PRINCIPLES AT HIGH ENERGY FIFTH CORAL GABLES CONFERENCE JANUARY 24-26 1968 CORAL GABLES FLORIDA 33124
 COVARIANT DECOMPOSITION AND ENERGY OF THE GRAVITATIONAL FIELD /FRENCH/
 O P W METHOD OF CALCULATING ENERGY BANDS FOR SEMI- CONDUCTORS
 DISPERSION RELATIONS IN HIGH ENERGY PHYSICS FINAL REPORT OCT 1967
 RESEARCH ON THEORETICAL HIGH ENERGY PHYSICS AND QUANTUM THEORY OF MANY PARTICLE SYSTEMS FINAL REPORT DEC 1967
 OPTIMUM SAMPLING FOR MINIMUM ENERGY SAMPLED DATA FEEDBACK CONTROL SYSTEMS
 A CALCULATION OF THE COMBESIVE ENERGY AND ELASTIC CONSTANTS OF MAGNESIUM OXIDE
 THE PRIMARY COSMIC-RAY ELECTRON ENERGY SPECTRUM FROM 10 TO 40 MEV
 HOLE TRAPPING AND THE IONIZATION ENERGY OF NATIVE ACCEPTOR CENTERS IN AGR
 THE METAL-METAL BOND DISSOCIATION ENERGY IN COBALT OCTACARBONYL
 THE METAL-METAL BOND DISSOCIATION ENERGY IN MANGANESE CARBONYL
 FORWARD COMPTON SCATTERING AT HIGH ENERGY AND THE DRELL- HEARN-GERASIMOV SUM RULE
 MULTIPLE DIFFRACTION ORIGIN OF LOW ENERGY ELECTRON DIFFRACTION INTENSITIES
 ON THE PROBABILITY OF INTERMOLECULAR ENERGY TRANSFER IN POLAR MOLECULES
 COMPOSITE MODELS OF HADRONS AND HIGH ENERGY SCATTERING
 NUCLEAR STRUCTURE OF SC SUPER 43 1. ENERGY LEVELS AND DECAY SCHEMES
 STUDIES OF PRIMARY COSMIC RAYS IN THE ENERGY REGION 10-14 EV TO 10-17 EV /BOLIVIAN AIR SHOWER JOINT EXPERIMENT/
 ELECTRO REFLECTION COEFFICIENT AT ZERO ENERGY I EXPERIMENTS
 ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY II COMPUTER EXPERIMENTS ON THE REFLECTION OF SLOW ELECTRONS IN THE
 TEMPERATURE DEPENDENCE OF INTERMOLECULAR ENERGY TRANSFER IN POLAR MOLECULES
 RADIATION AND RECEPTION OF ELECTROMAGNETIC ENERGY FROM AIRCRAFT AND GUIDED MISSILES FINAL REPORT DEC 1967
 INFLUENCE OF THE DISSIPATION OF MECHANICAL ENERGY ON THE TEMPERATURE OF THE LOW CHROMOSPHERE
 DESIGN OF AN ARRAY TO RECORD AIR SHOWERS OF ENERGY UP TO 10 TO THE EIGHT EV
 STUDIES OF THE PECULIAR A STARS V CONTINUOUS ENERGY DISTRIBUTIONS
 POSITIVE DEFINITENESS OF GRAVITATIONAL FIELD ENERGY
 PREDOMINANTLY ELECTROMAGNETIC AIR SHOWERS OF ENERGY 10-14 EV TO 10-16 EV
 OSCILLATIONS OF SCATTERING AMPLITUDES AT HIGH ENERGY
 ANHARMONIC CONTRIBUTIONS TO THE MECHANOLYTIC FREE ENERGY OF A SIMPLE CRYSTAL MODEL HIGH-TEMPERATURE LIMIT AND ZERO-POINT
 RESEARCH ON POWER GENERATION ELECTRODYNAMIC ENERGY CONVERSION FINAL REPORT 18 APRIL 1966
 A STUDY OF THE NIOBIUM FILM SURFACE USING LOW ENERGY ELECTRON DIFFRACTION TECHNIQUES
 RESEARCH INTO THE SCATTERING OF ELECTROMAGNETIC ENERGY FROM HIGHLY CONDUCTING BODIES FINAL REPORT MAY 1967
 DISTRIBUTION AND EXCHANGE OF EXCESS VIBRATIONAL ENERGY PRODUCED IN THE PHOTOLYSIS OF 2,3-DIAZABICYCLO[2.2.1] SEPTANE
 ROCKET MEASUREMENTS OF LOW-ENERGY AURORAL ELECTRON ENERGY SPECTRA FINAL REPORT OCT 1967
 ELASTIC SCATTERING OF ALPHA-PARTICLES BY BARIUM IN THE ENERGY RANGE 8 TO 19 MEV
 SCATTERING OF ALPHA PARTICLES BY OXYGEN I BOMBARDING ENERGY RANGE 8.8 TO 10.0 MEV
 SENSITIZED FLUORESCENCE IN VAPOURS OF ALKALI METALS IN ENERGY TRANSFER IN COLLISIONS BETWEEN SODIUM AND INERT GAS ATOMS
 SCATTERING OF ALPHA PARTICLES BY OXYGEN II BOMBARDING ENERGY RANGE 10 TO 19 MEV
 VACUUM ULTRAVIOLET RADIATION AS AN IMPORTANT MEANS OF ENERGY TRANSPORT IN A PLASMA
 VELOCITY DEPENDENCE OF TOTAL CROSS SECTION FOR THERMAL ENERGY ATOM-MOLECULE SCATTERING
 THE ROLE OF ELECTROFLUIDODYNAMICS IN THE FIELD OF DIRECT ENERGY CONVERSION
 XENON YIELDS IN THE FISSION OF HEAVY ELEMENTS BY MEDIUM- ENERGY PROTONS
 DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE USE IN ENERGY CONVERSION WITH SOFT AND HARD X-RAY
 MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION STUDY OF ENERGY TRANSFER BY KINETIC SPECTROPHOTOMETRY
 STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS
 CHARGE GENERATION BY CORONA DISCHARGE IN ELECTROFLUIDODYNAMIC ENERGY CONVERSION PROCESSES
 AN INTERNALLY CALIBRATED ELECTRON SPECTROMETER FOR ACCELERATOR ENERGY MONITORING
 OPTICAL EXCITATION OF TRANSITION-METAL IONS VIA INTERMOLECULAR ENERGY TRANSFER
 RESPONSE OF LITHIUM OXYGEN SILICON RADIATION DETECTORS TO HIGH ENERGY CHARGED PARTICLES
 UNEXPECTED WHISTLER EVIDENCE FOR A SECONDARY PEAK IN THE ELECTRON ENERGY SPECTRUM NEAR 10 KEV
 THE EFFECT OF DIFFERENT SURFACE BARRIER MODELS ON THE NOTTINGHAM ENERGY EXCHANGE PROCESS
 FURTHER STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS FINAL REPORT JULY 1968
 CONFORMATIONAL ANALYSIS BY THE CONFORMATIONAL ENTHALPY ENTROPY AND FREE ENERGY OF THE CARBOXYL CARBOXYLATE
 MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XL STERIC HINDRANCE TO ENERGY TRANSFER
 THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS- PART I THE SINGLE ENERGY LEVEL DEFECT CENTERS
 DETERMINATION OF THE DEGREE OF IONIZATION OF GAS ATOMS AS A FUNCTION OF X-RAY ENERGY
 EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDODYNAMIC ENERGY CONVERSION PROCESSES - PART I
 EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDODYNAMIC ENERGY CONVERSION PROCESSES - PART II
 COVARIANT THEORY OF THE DISINTEGRATION OF THE DEUTERON BY PIONS AND PHOTONS AT HIGH ENERGY
 A STUDY OF PROPOSED NEUTRAL EXCITATION BY INTERACTION OF ULTRASONIC AND ELECTROMAGNETIC ENERGY
 AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS USING THE TURBULENT KINETIC ENERGY EQUATION
 ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS -- REFINEMENT OF FIRST-PRINCIPLES ENERGY BAND MODELS
 TECHNIQUE AND APPARATUS FOR DETERMINING THE RESPONSE OF SCINTILLATORS AND SEMICONDUCTORS TO LOW ENERGY X-RAY
 CHARGE COLLECTION EFFICIENCIES FOR LITHIUM DRIFTED SILICON AND GERMANIUM DETECTORS IN THE X-RAY ENERGY REGION
 MEASUREMENTS OF CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED ENERGY FINAL REPORT
 MASS SPECTROMETRIC STUDY OF RARE EARTH-CARBON SYSTEMS. I. THE CERIUM-CARBON SYSTEM. II. ATOMIZATION ENERGY OF THE MOCA

AFCL67-0326
 ARL 67-1097
 AFCL67-0054
 AFCL68-0058
 AFOSR68-1637
 AFOSR68-0646
 AFOSR68-1601
 ARL 67-1163
 ARL 67-1231
 AFOSR67-2503
 ARL 67-0026
 AFOSR67-0099
 AFOSR67-1008
 AFOSR67-1723
 AFOSR67-1271
 AFOSR68-0968
 AFOSR67-1204
 ARL 68-1058
 ARL 68-1424
 AFCL67-0461
 AFOSR68-1619
 AFOSR68-2523
 ARL 68-1090
 AFOSR68-0519
 AFOSR68-0910
 AFOSR68-2046
 AFOSR67-1825
 AFOSR68-2707
 AFOSR67-0011
 AFOSR67-1683
 AFOSR67-1666
 AFOSR68-0140
 AFOSR68-1493
 AFOSR68-0719
 ARL 68-1100
 ARL 68-1342
 AFOSR68-0186
 AFCL67-0828
 AFCL67-0378
 AFOSR68-1733
 AFCL68-0071
 AFOSR68-0080
 AFOSR68-2073
 AFOSR68-0990
 AFOSR68-1011
 AFOSR68-2858
 AFOSR67-1144
 AFOSR68-0053
 ARL 67-0006
 ARL 67-0075
 AFCL67-0329
 AFOSR68-1908
 AFCL67-0614
 AFOSR67-0666
 AFOSR68-0897
 AFOSR67-2784
 AFOSR68-0904
 ARL 68-1184
 AFOSR67-2049
 ARL 68-1368
 AFOSR67-0658
 ARL 67-1243
 AFOSR67-0076
 ARL 68-1077
 ARL 67-1078
 AFCL68-0408
 AFOSR67-1515
 AFOSR68-1675
 AFOSR68-0817
 AFOSR68-0807
 ARL 68-0115
 AFOSR68-0975
 AFOSR67-0894
 AFOSR67-1650
 AFOSR68-0876
 ARL 68-1344
 ARL 68-1367
 AFOSR68-0879
 AFOSR68-1568
 ARL 68-0244
 AFOSR67-1934
 AFOSR68-1676
 AFCL68-0003
 AFCL 67-0735

ENERGY-COMPENSATED

REMARKS ON THE ADJUSTMENT OF ENERGY-COMPENSATED SPECTROFLUORIMETERS

ARL 68-0013

ENERGY-DEPENDENT

ENERGY-DEPENDENT MODULATION IN AURORAL X-RAY PULSATIONS

AFOSR68-0484

ENERGY-MOMENTUM

ENERGY-MOMENTUM CONSERVATION & EINSTEIN'S FIELD EQUATIONS
 TIMELIKE CHARACTER OF GRAVITATIONAL FIELD ENERGY-MOMENTUMARL 68-1098
 AFOSR68-2135

ENERGY-TRANSFER

NONSTATISTICAL ENERGY-TRANSFER THEORY

AFOSR67-0686

ENERGY-TRANSPORT

ENERGY-TRANSPORT BY RADIATION WITH ABSORPTION IN CYLINDRICAL ARCS

ARL 68-0354

PHYSICS

THE ARC HEATED THERMAL JET ENGINE FINAL REPORT MAR 1964

DRA 68-0006

PHOTOGRAPHIC

PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 7 P277-288 MAR-JUN 1967 FINAL REPORT MARCH 1968
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 8 P289-298 MAY-JUN 1967
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 9 P299-304 JUL-AUG 1967 FINAL REPORT MARCH 1968
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 12 NUMBER 1 P31-44 JAN-FEB 1968
PHOTOGRAPHIC SCIENCE AND ENGINEERING STOCHASTIC STABILITY AND CONTROL
ASTRONOMICAL INSTRUMENTATION AND FIELD SERVICES PHOTOGRAPHIC FINAL REPORT DEC 1966
THE ARK AND CARRIER DEVELOPMENT OF THE SCIENTIFIC AND ENGINEERING OFFICER IN THE AIR FORCE
RECENT PSYCHOLOGICAL RESEARCH RELEVANT TO THE HUMAN FACTORS ENGINEERING OF MAN-MACHINE SYSTEMS

AFOSR68-0781
AFOSR68-0782
AFOSR68-0783
AFOSR68-0784
AFOSR67-2702
AFOSR67-0031
AFOSR68-0494
AFOSR67-1824

ENGINEERING

HUMAN INFORMATION-PROCESSING CONCEPTS FOR SYSTEM ENGINEERS

AFOSR67-1799

ENGINEER

HIGH POWER ELECTRIC PROPULSION ENGINES
COMBUSTION INSTABILITY IN LIQUID PROPELLANT ROCKET ENGINES FINAL REPORT OCT 1966
FLAME-SPREADING MECHANISMS IN LIQUID PROPELLANT ROCKET ENGINES

ARL 68-1024
AFOSR67-0149
AFOSR67-0938

ENGLISH

REAL ENGLISH PROJECT REPORT
AUTOMATIC ENGLISH SENTENCE ANALYSIS FINAL REPORT MAY 1967
THE ROLE OF ENGLISH LANGUAGES AND SYMBOLS IN CHEMISTRY
DESCRIPTION OF EASY ENGLISH
A SYNTACTIC ANALYSIS OF ENGLISH LOCATIVE PREPOSITIONS
SYSTEM DESIGN EVALUATION AND COSTING--IN PLAIN ENGLISH
MACHINE RECOGNITION OF TRANSFORMATIONAL GRAMMARS OF ENGLISH FINAL REPORT JAN 1967

AFOSR67-1838
AFOSR67-1887
ARL 68-1013
AFOSR68-0545
AFOSR68-0036
AFOSR67-1998
AFOSR67-0316

ENGLISH-LINE

AUTOMATIC QUESTION-ANSWERING OF ENGLISH-LINE QUESTIONS ABOUT SIMPLE DIAGRAMS
ON THE REPRESENTATION OF LIMITED INFORMATION BY MEANS OF PICTURES PREFIX AND ENGLISH-LINE SENTENCES

AFOSR68-1303
AFOSR68-1343

ENHANCE

SPECIAL UTILITY PROGRAMS TO ENHANCE THE PERFORMANCE OF AN ON-LINE MEDIUM SIZE PROCESSOR USED FOR STATISTICAL

AFOSR67-0805

ENHANCED

ENHANCED DIFFUSION IN OXYGEN
ENHANCED INTERPLANETARY SCINTILLATIONS ASSOCIATED WITH SOLAR FLARES
ENHANCED EFFECTIVE EXCHANGE INTERACTION DUE TO LOCALIZED SPINS IN DILUTE ALLOYS AND PURE EARTH METALS
YTD A QUANTUM WITH ENHANCED BANDS OF MOLECULAR CRYSTALS
PHOTOCHEMICAL AND COLDING WITH ENHANCED CONTRAST USING THE STORAGE IMAGE AMPLIFIER, AND IMPLICATIONS IN RESEARCH FINAL

AFOSR68-0216
AFOSR67-1179
AFOSR68-1023
AFOSR68-2138
ARL 68-0100

ENHANCEMENT

ENHANCEMENT OF DIFFUSION-LIMITED REACTION RATES BY COMBINATION WITHIN THE THERMAL BOUNDARY LAYER : THE CRITICAL
ENHANCEMENT OF FLOW AND MASS TRANSFER IN A STAGNATION ZONE IN FREE STREAM VELOCITY
THE ENHANCEMENT OF SMOKE RATES BY CATALYTIC REACTIONS
SELECTIVE ENHANCEMENT IN HYDROLYTIC REACTIONS WITH THE RARE GASES HYDROGEN WITH AN AND OR
MULTILAYER ENHANCEMENT OF RECOMBINATION REACTIONS IN GAS-SOLID SYSTEMS
MAGNETIC MOMENT OF PU TO 150 KG LITERS OF EXCHANGE ENHANCEMENT IN PU
ELECTRICAL RESISTIVITY OF DILUTE POINT ALLOYS LOCAL EXCHANGE ENHANCEMENT EFFECTS

AFOSR68-1202
ARL 68-0022
ARL 67-1126
AFOSR67-0040
AFOSR67-0017
AFOSR68-0559
AFOSR68-0930

ENIGMA

ATRACTACLOMETHYLATION / THE RESOLUTION OF AN ENIGMA

ARL 67-0116

ENIGMA (ENIGMA)

ORGANOMETALLIC SULFUR COMPOUNDS AS THE MOLECULAR STRUCTURE A TRICYCLIC COMPLEX PRECOORDINATE ENNEACARBONYL SULFIDE

AFOSR67-1714

ENIGMA

ENIGMA (ENIGMA) A SYNTHETIC INTERMEDIATES

AFOSR67-2678

ENIGMA

THE CATALYST IN CATALYTIC REACTIONS IN THE POTASSIUM AND LITHIUM FLUORIDE DERIVED FROM CYCLIC REFORMS

AFOSR67-1427

ENIGMA

ENIGMA (ENIGMA) WITH APPLICATIONS TO MACHINE COMPUTATIONS

AFOSR67-1775

ENIGMA

STATISTICAL MECHANICS OF FINITE SYSTEMS ASYMPTOTIC EXPANSIONS / THE DIFFERENTIAL ENSEMBLES / IN V T / AND N P T /

AFOSR67-1102

ENIGMA

SPACE TIME CORRELATION FUNCTIONS FOR THE ENIGMA (ENIGMA) GAS

AFOSR68-2476

ENIGMA

THE ENIGMA OF FORMATION OF TRIMETHYLAMINE
RELATIONSHIP BETWEEN ENTHALPY OF 1-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150
RELATIVE ENTHALPY OF REACTION / 3-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150 DEGREES
MEASUREMENT OF RELATIVE ENTHALPY OF AMORPHOUS CRYSTALLINE ALUMINUM TRIPHOSPHATE FROM 273 TO 1173 DEGREES K AND DERIVED
COMPOSITIONAL ANALYSIS BY THE CONFORMATIONAL ENTHALPY ENTROPY AND FREE ENERGY OF THE CARBOXYL CARBOXYLATE
HEATFLOW PROFILES FOR THE INSTANTANEOUS MEASUREMENT OF ENTHALPY IN ARC JET FINAL REPORT SEP 1967
LARGE-SCALE HEAT TRANSFER TO A TWO-DIMENSIONAL ALUMINUM BASE OF THE HIGH ENTHALPY FLOW IN THE UNDER TUBE

AFOSR68-1245
AFOSR67-2015
AFOSR67-2016
AFOSR67-2014
AFOSR68-0975
ARL 67-0181
ARL 67-0121

ENIGMA

ON ENTIRE FUNCTIONS OF FERMIONIAL TYPE AND INDICATORS OF ANALYTIC FUNCTIONALS
ON ENTIRE FUNCTIONS OF FERMIONIAL TYPE AND INDICATORS OF ANALYTIC FUNCTIONALS
A FOURTH SERIES METHOD FOR HERMITE POLYNOMIALS AND ENTIRE FUNCTIONS
ON THE CLASS OF CHARACTERS AND THE ZERO OF ENTIRE FUNCTIONS

AFOSR67-0264
AFOSR68-2593
AFOSR68-2242
AFOSR67-1418

ENTITY

DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES ENTITY TABLE DESIGN FINAL REPORT FEB 1968 AFOSR68-0128
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM PROGRAM MANUAL FINAL REPORT FEB 1968 AFOSR68-0129
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM OPERATORS MANUAL FINAL REPORT FEB 1968 AFOSR68-0130
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES TIME-SHARING INPUT-OUTPUT EXECUTIVE /10X/ AFOSR68-0131
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES ENTITY TABLE DESIGN FINAL REPORT FEB 1968 AFOSR68-0128

ENTRAINMENT

ON MASS ENTRAINMENT BY JETS PHASE II THE EFFECT OF SOUND ON JETS AFOSR67-0337
 THE VAPOR PRESSURE VAPOR DIMERIZATION AND HEAT OF SUBLIMATION OF ALUMINUM FLUORIDE USING THE ENTRAINMENT METHOD AFOSR68-1262

ENTRANCE

BIBLIOGRAPHY OF HYDRODYNAMIC ENTRANCE REGION FLOW AFOSR67-2022
 HEAT TRANSFER ON MHD FLOW IN THE ENTRANCE REGION OF A FLAT DUCT AFOSR68-0726

ENTROPY

ENTROPY A COMPLETE METRIC INVARIANT FOR AUTOMORPHISMS OF THE TORUS AFOSR67-2171
 ENTROPY OF TURBULENT GAS MACROSCOPIC AND TURBULENT PARTS BOUNDARY-LAYER EXPRESSIONS FOR Celerities OF FILTERED AFOSR68-0798
 METRIC ENTROPY AND APPROXIMATION AFOSR67-0862
 EXISTENCE OF ENTROPY AS A CONSEQUENCE OF ASYMPTOTIC STABILITY AFOSR67-2154
 PERTURBATIONS OF PLANE AND AXISYMMETRIC ENTROPY LAYERS AFOSR68-0571
 ON THE STATISTICAL INTERPRETATION OF THERMODYNAMIC ENTROPY IN A STRONGLY COUPLED GAS AFOSR67-1382
 CONFORMATIONAL ANALYSIS IV THE CONFORMATIONAL ENTHALPY ENTROPY AND FREE ENERGY OF THE CARBOXYL CARBOXYLATE AFOSR68-0975

ENTRY

CHEMICAL KINETICS OF ENTRY INTO THE MARTIAN ATMOSPHERE FINAL REPORT MAY 1967 ARL 67-0113
 CYCLOPROPANONES X REACTION OF 2 2-DIMETHYLCYCLOPROPANONE AND N-METHYLPYRROLE A NEW ENTRY INTO THE TROPINONE SERIES AFOSR68-2449

ENUMERATION

ON THE COMPUTER ENUMERATION OF FINITE TOPOLOGIES AFOSR68-1394
 CLASSIFICATION AND ENUMERATION OF AUTONOMOUS SPHERICAL MACHINES AFOSR67-1412

ENVELOPES

ON SERRE DUALITY AND ENVELOPES OF MAL'INOVSKIY AFOSR68-0517

ENVELOPING

SOME OBSERVATIONS ON ENVELOPING ALGEBRAS OF NONCOMPACT GROUPS AFOSR67-0673

ENVIRONMENT

EFFECT OF VACUUM ENVIRONMENT ON THE BEHAVIOR OF MATERIALS AFOSR68-0371
 INFLUENCE OF A CAMPUS ENVIRONMENT ON STUDENT COMMITMENT TO A PARA-MILITARY ORGANIZATION FINAL REPORT OCT 1968 AFOSR68-1694
 PLASMA PHYSICS IN AN ASTROPHYSICAL ENVIRONMENT FINAL REPORT DEC 1966 AFOSR67-0195
 OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM ERRORS AFOSR67-0310
 THE SUBJECTIVE RESPONSE TO THE THERMAL ENVIRONMENT AFOSR68-1519
 SMALL SURFACE-TO-AIR MISSILES IN A LIMITED WAR ENVIRONMENT FINAL REPORT MAR 1968 ORA 68-0004
 A SATELLITE-TO-SATELLITE HF IONOSPHERIC PROPAGATION ENVIRONMENT STUDY AFOSR67-0374
 RESEARCH DIRECTED TOWARD MEASUREMENT OF THE ENERGETIC CHARGED PARTICLE ENVIRONMENT IN NEAR-EARTH SPACE FINAL REPORT AFOSR67-0231
 SUPONOTOR ACTIVITY AS AFFECTED BY THE THERMAL STATUS OF THE SKIN IN A WARM ENVIRONMENT AFOSR68-2803

ENVIRONMENTAL

ENVIRONMENTAL EFFECTS ON THE INFRARED FREQUENCIES OF POLYATOMIC MOLECULES EVALUATION OF PERTURBATION-THEORY PARAMETERS AFOSR67-0235
 STRUCTURE OF A METHODOLOGY FOR ENVIRONMENTAL PROJECTIONS FINAL REPORT JUNE 1967 ORA 67-0004
 PCOLOGICAL STUDY IN KIRPA - PART II KOREAN CENTER FOR ENVIRONMENTAL STUDIES FINAL REPORT JAN 1968 AFOSR68-2149

ENVIRONMENTS

PERFORMANCE AND LIFE SUPPORT IN ALTERED ENVIRONMENTS AFOSR68-2096
 BODY AND FIELD PERCEPTUAL DIMENSION AND ALTERED SENSORY ENVIRONMENT AFOSR67-0810
 A STUDY OF FUNDAMENTAL FACTORS PERTINENT TO MICROBIOLOGICAL WASTE INVERSION IN CONTROL OF ISOLATED ENVIRONMENTS FINAL AFOSR67-0455

ENZYMOLGY

THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES II PHYSICAL AND CHEMICAL PROPERTIES AFOSR67-0886
 THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES I ISOLATION AND CHARACTERIZATION FROM CHICKEN AND RABBIT TISSUES AFOSR67-0887

EPICENTER

EPICENTER NOTION OF AN ELASTIC HALF-SPACE DUE TO BURIED STATIONARY AND MOVING LINE SOURCES AFOSR68-0688

EPIDEMIC

STABILITY OF EPIDEMIC PROCESSES AFOSR67-1467
 COMMUNICATION AND EPIDEMIC PROCESSES AFOSR67-1474

EPIMERIZATION

EPIMERIZATION OF 2 4-DIPHENYLPENTANE AN OLIGOMER OF POLYSTYRENE AFOSR67-2535

EPISULFIDE

PHOTOCHEMICAL TRANSFORMATIONS OF SMALL RING CARBONYL COMPOUNDS X PHOTODESULFURIZATION OF DIBENZIDYLSTILBENE EPISULFIDE AFOSR67-2658

EPITAXIAL

EPITAXIAL GROWTH OF GOLD AND SILVER ON MAGNESIUM OXIDE CLEAVED IN ULTRAHIGH VACUUM AFOSR67-2318
 LOW-ENERGY ELECTRON DIFFRACTION STUDIES OF EPITAXIAL GROWTH OF SILVER AND GOLD IN ULTRAHIGH VACUUM AFOSR67-1173

EPITAXY

LOW-ENERGY-ELECTRON DIFFRACTION STUDY OF THE EPITAXY OF SILICON ON SILICON AFOSR67-2761

EQUAL-TIME

EQUAL-TIME COMMUTATOR AND ZERO-ENERGY THEOREM IN THE LEE MODEL AFOSR67-2835
 APPROACH TO EQUAL-TIME COMMUTATORS IN QUANTUM FIELD THEORY AFOSR68-1168
 ELECTROMAGNETIC MASS SHIFTS EQUAL-TIME COMMUTATORS AND JOSEPHSON REPRESENTATION AFOSR68-1638

EQUALITY

TESTS FOR THE EQUALITY OF COVARIANCE MATRICES UNDER THE INTRACLASSE CORRELATION MODEL
SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES AGAINST CERTAIN ALTERNATIVES FINAL REPORT MARCH 1967
SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES AGAINST CERTAIN ALTERNATIVES FINAL REPORT SEP 1968

ARL 67-0206
ARL 67-0044
ARL 68-0169

EQUATION

EQUATION OF STATE OF A MONATONIC FLUID WITH 6-12 POTENTIAL
AN EQUATION FOR CHARACTERISTIC CURVES OF A SPECTROPHOTOMETRIC EMULSION FINAL REPORT JUNE 1967
AN EQUATION FOR CHARACTERISTIC CURVES
BLOCK EQUATION FOR CONDUCTION-ELECTRON SPIN RESONANCE
ON THE EQUATION OF STATE OF THE RIGID-DISK FLUID
KINETIC EQUATION FOR A PLASMA AND ITS APPLICATION TO HIGH-FREQUENCY CONDUCTIVITY
INTEGRAL EQUATION TREATMENT OF THE LINEARIZED THEORY OF ELECTROSTATIC PLASMA OSCILLATIONS
INTEGRAL EQUATION TREATMENT OF THE LINEARIZED VLASOV EQUATION THEORY
THE MOMENTUM EQUATION OF A SOLID-FLUID SYSTEM
SMOLUCHOWSKI EQUATION FOR SYSTEMS WHICH DO NOT OBEY THE STOKES-EINSTEIN RELATION
ON AN INTEGRAL EQUATION IN DIFFRACTION THEORY
COMMENTS ON THE EQUATION OF STATE OF THE SQUARE-CELL FLUID
KORTWEG-DE VRIES EQUATION AND GENERALIZATIONS I A REMARKABLE EXPLICIT NONLINEAR TRANSFORMATION
KORTWEG-DE VRIES EQUATION AND GENERALIZATIONS II EXISTENCE OF CONSERVATION LAWS AND CONSTANTS OF MOTION
SOLUTION OF THE GAB EQUATION FOR PS HG AND AL
SWAN RESISTANCE AND EQUATION OF STATE FOR NONCOHESIVE GRANULAR MACROHETITIC SYSTEMS
DETERMINATION OF THE EQUATION OF STATE OF POLYISOBUTYLENE
AN EXTENSION OF AIRYS EQUATION
ON THE HAMILTON-JACOBI EQUATION OF DIFFERENTIAL GAMES
DOUBLE POINTS OF MATHEUS EQUATION
DOUBLE POINTS OF MATHEUS EQUATION
DOUBLE POINTS OF MATHEUS EQUATION
FORMULATION OF STATISTICAL EQUATION OF MOTION OF BLOOD
GREENS FUNCTIONS OF THE RYTOV EQUATION
CURRENT OPERATORS AND MAJORANA EQUATION FOR THE HYDROGEN ATOM FROM DYNAMICAL GROUPS
THE USE OF THE FIRST-ORDER RATE EQUATION IN TREATING KINETIC DATA
A NONLINEAR INTEGRAL-DIFFERENTIAL EQUATION ASSOCIATED WITH A CLASS OF WEDGE PROBLEMS
THE APPROXIMATE SOLUTION OF RICCATI EQUATION
A FREE BOUNDARY PROBLEM FOR THE HEAT EQUATION WITH PRESCRIBED FLUX AT BOTH FIXED FACE AND MELTING INTERFACE
A UNIFIED FORMULATION OF THE KINETIC EQUATION
A NUMERICAL SOLUTION OF THE BOLTZMANN EQUATION FOR A TWO-DIMENSIONAL GAS
THE UNIQUENESS OF SOLUTIONS OF THE HEAT EQUATION IN AN INFINITE STRIP
METHOD FOR SOLVING THE KORTWEG-DE VRIES EQUATION
ON THE ANALYTIC PROPERTIES OF SOLUTIONS OF EQUATION
ON SOME NONLINEAR BOUNDARY PROBLEMS FOR THE EQUATION OF MINIMAL SURFACES
SOLUTIONS OF THE HILL-MEISSNER DIFFERENTIAL EQUATION
THE CALCULATION OF PARAMETERS OF THE MORFITT EQUATION FOR ROTATORY DISPERSION DATA
THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION WITH INFINITE DATA
THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION IN HIGHER DIMENSIONS
DENSITY-MATRIX DERIVATION OF THE SPIN-DIFFUSION EQUATION
THE GOURSAT PROBLEM FOR THE PARTIAL DIFFERENTIAL EQUATION $u_{xy} = f(x, y)$
EXCEPTIONAL BOUNDARY POINTS FOR THE NONDIVERGENCE EQUATION WHICH ARE REGULAR FOR THE LAPLACE EQUATION - AND VICE-VERSA
BOUNDRIES FOR THE FUNDAMENTAL SOLUTION OF A PARABOLIC EQUATION
THE SPINNING MATERIAL DERIVATIVE AND THE CONTINUITY EQUATION
AN APPROXIMATE SOLUTION OF VON MISES BOUNDARY LAYER EQUATION
INTEGRAL EQUATION TREATMENT OF THE LINEARIZED VLASOV EQUATION THEORY
UPPER AND LOWER BOUNDS FOR SOLUTIONS TO THE TRANSPORT EQUATION
EXPANSIONS IN TERMS OF THE HOMOGENEOUS SOLUTIONS OF THE HEAT EQUATION
CLOSED FORM FOR THE PERTURBATION TERMS OF THE LINEAR POLYMERIZATION EQUATION
APPROXIMATIVE SOLUTION OF AN EIGENVALUE PROBLEM OF THE HELMHOLTZ EQUATION USING LIE SERIES
ON CLASSICAL SOLUTIONS OF THE TWO-DIMENSIONAL NON-STATIONARY EULER EQUATION
SUCCESSIVE APPROXIMATION OF SOLUTIONS OF HOLODOMSKYS BASIC INTEGRAL EQUATION
ADDENDUM TO A PRIORI ESTIMATES FOR SOLUTIONS OF THE MINIMAL SURFACE EQUATION
WORK DONE 1967/68 AT INNSBRUCK UNIVERSITY ON INSTABILITIES THE VLASOV EQUATION PARADAY GENERATORS AND BOUNDARY LAYER
CONJECTURE CONCERNING AN ASYMPTOTIC MODIFICATION OF THE VON-BOHN-GREEN EQUATION FOR FLUIDS OF RIGID SPHERES AND DISKS
TEST-PARTICLE RELAXATION IN AN ELECTRON GAS DESCRIBED BY THE FOKKER-PLANCK KINETIC EQUATION
GROUND STATES OF A RELATIVISTIC TWO-BODY HAMILTONIAN COMPARISON WITH THE BEYNE-SALPETER EQUATION
ON THE ANALYTIC PROPERTIES OF SOLUTIONS OF A GENERALIZED AXIALLY SYMMETRIC SCHRÖDINGER EQUATION
ON THE EXISTENCE UNIQUENESS AND STABILITY OF SOLUTIONS OF A THIRD ORDER PARTIAL DIFFERENTIAL EQUATION
EXCEPTIONAL BOUNDARY POINTS FOR THE NONDIVERGENCE EQUATION WHICH ARE REGULAR FOR THE LAPLACE EQUATION - AND VICE-VERSA
AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS USING THE TURBULENT KINETIC ENERGY EQUATION
VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE II BOUNDARY VALUE PROBLEMS FOR THE MINIMAL SURFACE EQUATION
A REMARK ON THE SINGULAR CAUCHY PROBLEM FOR ALL VALUES OF THE TIME FOR THE EULER-POISSON-DARBOUX EQUATION
AN INVESTIGATION OF THE ANALYTIC PROPERTIES OF SOLUTIONS TO THE GENERALIZED AXIALLY SYMMETRIC REDUCED WAVE EQUATION IN

AFOSR67-2446
ARL 67-0126
ARL 67-1061
AFOSR67-0164
AFOSR67-0876
AFOSR67-1808
ARL 68-0239
ARL 68-1474
AFOSR67-0657
ARL 67-0088
AFOSR68-0018
AFOSR68-0421
AFOSR68-1124
AFOSR68-2361
AFOSR67-0438
AFOSR67-0648
AFOSR68-1887
AFOSR68-0335
AFOSR68-1427
ARL 68-1255
ARL 68-1282
ARL 68-1472
AFOSR68-0468
AFOSR68-0029
AFOSR67-2134
AFOSR67-0539
AFOSR68-1373
AFOSR67-0297
AFOSR67-1361
AFOSR68-1070
AFOSR67-2058
AFOSR67-1876
AFOSR68-1021
AFOSR67-2190
AFOSR68-2754
ARL 67-1186
AFOSR67-0536
AFOSR68-0251
AFOSR68-2227
AFOSR67-2647
AFOSR67-1471
AFOSR68-2661
AFOSR68-2061
AFOSR68-1703
ARL 67-0052
ARL 68-1474
AFOSR67-0320
AFOSR68-1972
AFOSR67-1120
AFOSR67-2435
AFOSR67-2353
AFOSR67-0506
AFOSR68-1854
AFOSR68-1323
AFOSR68-0765
AFOSR67-1012
AFOSR67-1002
AFOSR67-0837
AFOSR68-1181
AFOSR68-2661
AFOSR68-1568
AFOSR68-0256
AFOSR67-0140
AFOSR68-0766

EQUATION-OF-STATE

EQUATION-OF-STATE PARAMETERS FOR NORMAL ALKANES CORRELATION WITH CHAIN LENGTH

AFOSR68-0718

EQUATIONS

FRATT EQUATIONS OF MOTION FOR EXTENDED RODS
COUPLED EQUATIONS FOR SCATTERING AMPLITUDES AND MADRONIC CURRENTS
KINETIC EQUATIONS AND DENSITY EXPANSIONS EXACTLY SOLVABLE ONE-DIMENSIONAL SYSTEM
NONFRET EQUATIONS AND CONSERVATION LAWS
MAXWELL EQUATIONS AND DETERMINATE SYSTEMS
EINSTEIN EQUATIONS AND ELECTROMAGNETISM
DYNAMICAL EQUATIONS FOR OPTIMAL NONLINEAR FILTERING
PARABOLIC EQUATIONS WITH UNBOUNDED COEFFICIENTS
FUNCTIONAL EQUATIONS - ASYMPTOTIC EQUIVALENCE OF EQUATIONS OF EVOLUTION
THE CARLEY EQUATIONS OF A REDUCIBLE FEYNMAN DIAGRAM
CONVOLUTION EQUATIONS IN CONVEX DOMAINS
COUPLED WAVE EQUATIONS FOR MULTI-MODE INHOMOGENEOUS MEDIA II
DIFFERENTIAL EQUATIONS - STABILITY OF A CLASS OF LINEAR STOCHASTIC SYSTEMS /FRENCH/
ON NONLINEAR EQUATIONS OF ISOTROPIC ELASTIC SPHERICAL SHELLS
CONSTITUTIVE EQUATIONS FOR DYNAMIC MATERIAL BEHAVIOR
SOME INTEGRAL EQUATIONS WITH NONRATIONAL KERNELS
ON VON KARMANS EQUATIONS AND THE BUCKLING OF A THIN ELASTIC PLATE
SINGULAR INTEGRAL EQUATIONS WITH SPECIAL REFERENCE TO BOUNDARY-VALUE PROBLEMS FINAL REPORT JULY 1968
MEAN-FIELD KINETIC EQUATIONS FOR A LASER
SCHEFFER BODLEMAN EQUATIONS
SOLUTION OF COUPLED EQUATIONS BY R-MATRIX TECHNIQUES
SOLUTION OF INTEGRAL EQUATIONS BY HYBRID COMPUTATION
ON A CLASS OF MATRIX EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS CALCULUS OF VARIATIONS AND FLUID MECHANICS
PARTIAL DIFFERENTIAL EQUATIONS OPERATOR THEORY AND APPLICATIONS
ON VON KARMAN INTEGRAL EQUATIONS WITH NONNEGATIVE INTEGRABLE RESOLVENTS
SOLUTION OF HIRSHFELD EQUATIONS OF THE REGULARIZED RESTRICTED PROBLEM
A CLASS OF FUNCTIONAL EQUATIONS OF NEUTRAL TYPE
AN IDENTITY FOR ELLIPTIC EQUATIONS WITH APPLICATIONS

ARL 67-1327
AFOSR67-0865
AFOSR67-1747
AFOSR68-0113
AFOSR67-1798
AFOSR68-0331
AFOSR67-1352
AFOSR68-1853
AFOSR67-2326
AFOSR68-1219
AFOSR68-1104
AFOSR67-0644
AFOSR67-0653
AFOSR67-2254
AFOSR67-2311
AFOSR67-0772
AFOSR68-2040
AFOSR68-1610
AFOSR68-0400
AFOSR68-0651
AFOSR68-0851
AFOSR67-1485
AFOSR67-2389
AFOSR68-1417
AFOSR68-1579
AFOSR68-2424
AFOSR67-2162
AFOSR68-0553
AFOSR68-2783

THE RELATIVISTIC DOPPLER EQUATIONS FOR ATTENUATED WAVES AND THE DRAG EFFECT
NON-EQUILIBRIUM FLOW FIELD EQUATIONS TO WITHIN FIRST ORDER TERMS IN THE AFFINITIES FINAL REPORT JULY 1968
A NOTE ON VOLTEIRA INTEGRAL EQUATIONS AND TOPOLOGICAL DYNAMICS
REFORMULATION OF THE MAGNOKA EQUATIONS
A RESULT CONCERNING ELLIPTIC EQUATIONS OF THE SECOND ORDER AND OF NON-VARIATIONAL TYPE /ITALIAN/
ON DISCONJUGATE DIFFERENTIAL EQUATIONS
DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS OF SECOND ORDER
EQUIVALENCE AND CONSTITUTIVE EQUATIONS FOR RIGID HEAT CONDUCTORS
SECOND-ORDER LINEAR PARABOLIC EQUATIONS WITH A SMALL PARAMETER
DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS OF SECOND ORDER
SOLUTIONS OF LAMINAR BOUNDARY EQUATIONS WITH EMPHASIS ON SEPARATION. PART I - EXACT METHODS. PART II - INTEGRAL
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 3 BOUNDARY VALUE PROBLEMS
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 4 DIFFERENTIAL OPERATORS
ITERATIVE SOLUTIONS OF MAXWELL'S EQUATIONS
AN ALTERNATE DERIVATION OF SOME EQUATIONS OCCURRING IN A PAPER BY KRAICHNAN. FINAL REPORT APRIL 1968
COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS ON UNBOUNDED DOMAINS
ON THE LINEARIZED HYDRODYNAMICAL EQUATIONS IN TWO DIMENSIONS
DETERMINATIONS OF STATE-VARIABLE EQUATIONS FOR ADMITTANCE DESCRIPTIONS SUITABLE FOR THE COMPUTER
QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS AND STRUCTURAL STABILITY
ON THE FORMULATION OF CONSTITUTIVE EQUATIONS FOR LIVING SOFT TISSUES
APPROXIMATE SOLUTIONS TO LANGMUIR'S EQUATIONS
SOME SOLUTIONS OF ELLIPTIC EXTREMAL EQUATIONS IN THE PLANE
DISCONJUGATE N-TH ORDER DIFFERENTIAL EQUATIONS AND PRINCIPAL SOLUTIONS
THE DIRICHLET PROBLEM FOR QUASILINEAR EQUATIONS WITH MANY INDEPENDENT VARIABLES
SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER BY THE GKD MULTIMOMENT METHOD. FINAL REPORT MAR 19
NONLINEAR FILTERING THE EXACT DYNAMICAL EQUATIONS SATISFIED BY THE CONDITIONAL MODE
GENERAL MASS FORMULA FOR THE Nambu WAVE EQUATIONS
AN EXISTENCE THEOREM FOR THE VON KARMAN EQUATIONS
SOLUTION OF A CLASS OF SINGULAR INTEGRAL EQUATIONS
TRANSFORMATION PROPERTIES OF THE KINETIC EQUATIONS
A GROUP THEORETICAL DERIVATION OF MAXWELL EQUATIONS
THE DISPERSION FOR NONLINEAR RELATIVISTIC EQUATIONS WITH PARTIAL DERIVATIVES /FRENCH/
INTEGRATION OF THE UNSTEADY NAVIER-STOKES EQUATIONS BY FINITE DIFFERENCES
RELATIVISTIC 3-DIMENSIONAL 2-BODY INTEGRAL EQUATIONS ON-SHELL AND OFF-SHELL FORMALISMS
STABILITY THEORY FOR ORDINARY DIFFERENTIAL EQUATIONS
GEOMETRIC THEORY OF FUNCTIONAL-DIFFERENTIAL EQUATIONS
A MAXIMUM PRINCIPLE FOR NONLINEAR PARABOLIC EQUATIONS
ON THE BOUNDARY POINT PRINCIPLE FOR ELLIPTIC EQUATIONS IN THE PLANE
AN APPROXIMATE SOLUTION OF THE BOUNDARY LAYER EQUATIONS USING THE METHOD OF PARAMETRIC DIFFERENTIATION
PERIODIC SOLUTIONS OF DIFFERENTIAL-DIFFERENCE EQUATIONS WITH RELAY CONTROL
ALTERNATIVE PROBLEMS FOR NONLINEAR FUNCTIONAL EQUATIONS
COMPARISON OF POSITIVE SOLUTIONS OF NONLINEAR EQUATIONS
UNIQUENESS OF POSITIVE SOLUTIONS OF PARABOLIC EQUATIONS WITH UNBOUNDED COEFFICIENTS
EXACT INVARIANTS FOR A CLASS OF NONLINEAR WAVE EQUATIONS
OPTIMAL BOUNDED CONTROL WITH LINEAR STOCHASTIC EQUATIONS AND QUADRATIC COST
FINITELY CONVEX SETS OF NONLINEAR DIFFERENTIAL EQUATIONS
LINKED CLUSTER THEOREM AND THE GREENS FUNCTION EQUATIONS OF MOTION FOR A MANY-FERMION SYSTEM
ON QUASILINEAR ELLIPTIC FUNCTIONAL-DIFFERENTIAL EQUATIONS
A PROOF OF CONTROLLABILITY OF JORDAN FORM STATE EQUATIONS
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF FIRST ORDER
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER
THE DIRICHLET PROBLEM FOR NON-UNIFORMLY ELLIPTIC EQUATIONS
SOME NUMERICAL SOLUTIONS OF THE ROTATIONAL EULER EQUATIONS
EXISTENCE OF SOLUTIONS OF CROSSING-SYMMETRIC N/D EQUATIONS
ON THE STATIONARY SOLUTIONS OF THE NAVIER-STOKES EQUATIONS IN TWO DIMENSIONS
RESEARCH ON SOLUTIONS OF THE GRAVITATIONAL FIELD EQUATIONS FINAL REPORT FEB 1
A TECHNIQUE FOR SOLVING THE GENERAL REACTION-RATE EQUATIONS IN THE ATMOSPHERE
ON THE NONLINEAR COMPUTATIONAL INSTABILITY OF THE EQUATIONS OF ONE-DIMENSIONAL FLOW FINAL REPORT FEB 1968
ERROR BOUNDS FOR SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS FINAL REPORT MARCH 1968
APPROXIMATE SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER
A GENERAL FORMULATION AND SOLUTION OF CHEMICAL RATE EQUATIONS FOR USE IN NON-EQUILIBRIUM COMBUSTION STUDIES
ON THE USE OF SYMMETRY TO SIMPLIFY THE CONSTITUTIVE EQUATIONS OF ISOTROPIC MATERIALS WITH MEMORY
THE CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER
LOCAL BEHAVIOR OF SOLUTIONS OF QUASILINEAR PARABOLIC EQUATIONS
ON THE EQUIVALENCE OF SYSTEMS OF PARTIAL DIFFERENTIAL EQUATIONS
BOUNDS AND MAXIMAL SOLUTIONS FOR NONLINEAR FUNCTIONAL EQUATIONS
CLASS OF SOLUTIONS OF THE AXISYMMETRIC BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER
ISOLATED SINGULARITIES OF SOLUTIONS OF LINEAR ELLIPTIC EQUATIONS
PRAGMEN-LINDELÖF AND COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS WITH MIXED BOUNDARY CONDITIONS
THEORY OF DYNAMICAL SYSTEMS REPRESENTED BY DIFFERENTIAL EQUATIONS AND ALGEBRAIC STRUCTURES
LINEAR ASYMPTOTICALLY AUTONOMOUS FUNCTIONAL DIFFERENTIAL EQUATIONS /ITALIAN/
ON THE REMOVABLE SINGULAR SETS FOR SOLUTIONS OF ELLIPTIC EQUATIONS
ON THE EXISTENT STATIONARY PROBLEM FOR THE NAVIER-STOKES EQUATIONS AND ASSOCIATED PERTURBATION PROBLEMS
ON THE STABILITY OF SOLUTIONS OF FUNCTIONAL-DIFFERENTIAL EQUATIONS
DISCONTINUITY RELATIONS AND SHOCK POLARS FOR CONSERVATION EQUATIONS WITH APPLICATION TO MAGNETOGASDYNAMICS
A STUDY OF THE SOLUTIONS OF ONE-DIMENSIONAL VLASOV-POISSON EQUATIONS FOR HARMONIC TIME DEPENDENCE AND EXTERNAL
THE APPROXIMATE SOLUTION OF CERTAIN NONLINEAR DIFFERENTIAL EQUATIONS
UNIQUENESS OF SOLUTIONS OF THE CAUCHY PROBLEM FOR PARABOLIC EQUATIONS
QUASILINEARIZATION TECHNIQUE FOR SOLUTION OF BOUNDARY LAYER EQUATIONS
A FINITE-DIFFERENCE METHOD FOR GENERATE ELLIPTIC-PARABOLIC EQUATIONS
THE TURBULENT, BOUNDED WALL-JET A SOLUTION TO THE LINEARIZED EQUATIONS FINAL REPORT NOVEMBER 1958
CONTINUUM DISTORTIONS IN RELATIVISTIC THREE-PARTICLE SCATTERING EQUATIONS
POLAR SETS AND REMOVABLE SINGULARITIES OF PARTIAL DIFFERENTIAL EQUATIONS
SOME PROPERTIES OF THE SOLUTION OF THE FIRST-ORDER VARIATIONAL EQUATIONS OF THE RESTRICTED THREE-BODY PROBLEM
GROWTH AND DECAY PROPERTIES OF SOLUTIONS OF SECOND ORDER ELLIPTIC EQUATIONS
LOWER BOUNDS AND UNIQUENESS THEOREMS FOR SOLUTIONS OF DIFFERENTIAL EQUATIONS IN A HILBERT SPACE
THE UNBOUNDED GROWTH OF SOLUTIONS OF LINEAR PARABOLIC DIFFERENTIAL EQUATIONS
ON A CONVERGENT MULTI-MOMENT METHOD FOR THE LAMINAR BOUNDARY LAYER EQUATIONS
SOME FUNCTION-THEORETIC ASPECTS OF LINEAR SECOND-ORDER DIFFERENTIAL EQUATIONS
ON ERROR BOUNDS FOR THE SOLUTION OF SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
FINITE DIFFERENCE SOLUTION OF THE LAMINAR COMPRESSIBLE BOUNDARY LAYER EQUATIONS IN THE VON MISES VARIABLES WITH
THE PHYSICAL NATURE OF THE NUMERICAL INSTABILITY IN THE SOLUTION OF THE EQUATIONS OF TRANSFER
STABILITY REGIONS OF DISCRETE VARIABLE METHODS FOR ORDINARY DIFFERENTIAL EQUATIONS
EXISTENCE AND NONEXISTENCE IN THE LARGE OF SOLUTIONS OF QUASILINEAR WAVE EQUATIONS
THE FIRST BOUNDARY VALUE PROBLEM FOR CERTAIN LINEAR ELLIPTIC DIFFERENTIAL EQUATIONS INVOLVING TWO SMALL PARAMETERS
GENERALIZED LINEAR DIFFERENTIAL SYSTEMS AND RELATED RICCATI MATRIX INTEGRAL EQUATIONS
APPLICATION OF QUASILINEARIZATION TO THE SOLUTION OF NONLINEAR DIFFERENTIAL EQUATIONS
RIGOROUS BOUNDS ON THE ERROR IN NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATIONS
ON THE NUMERICAL INTEGRATION OF A SYMMETRIC SYSTEM OF DIFFERENCE-DIFFERENTIAL EQUATIONS OF NEUTRAL TYPE
PRAGMEN-LINDELÖF AND COMPARISON THEOREMS FOR ELLIPTIC-PARABOLIC DIFFERENTIAL EQUATIONS
COMPLEX FOURIER TRANSFORM TECHNIQUE IN VARIABLE COEFFICIENT PARTIAL DIFFERENTIAL EQUATIONS
SINGULAR PERTURBATIONS OF BOUNDARY VALUE PROBLEMS FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS INVOLVING TWO PARAMETERS
DERIVATION OF REMOVABLE SETS FOR RELATIVISTIC PERTURBATION THEORY FROM FINITE LOCAL FIELD EQUATIONS
A SEARCH FOR OPTIMUM METHODS FOR THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS
SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE MATHEMATICAL

AFOSR66-2839
AFOSR66-1929
AFOSR66-2589
AFOSR67-2184
AFOSR66-0673
AFOSR66-2664
AFOSR66-2657
AFOSR67-2183
AFOSR66-0967
AFOSR66-2657
ARL 67-0273
AFOSR67-2301
AFOSR67-2302
AFOSR66-0495
ARL 66-0075
AFOSR67-1315
AFOSR66-2523
AFOSR66-2693
AFOSR67-2203
AFOSR67-2599
AFOSR66-2251
AFOSR66-2619
AFOSR66-0445
AFOSR66-1849
ARL 67-0045
AFOSR67-2178
AFOSR66-1367
AFOSR66-2051
AFOSR67-1784
AFOSR66-1078
AFOSR66-1074
AFOSR66-1366
ARL 67-1084
AFOSR67-2620
AFOSR66-0767
AFOSR67-2219
AFOSR66-1906
AFOSR66-2608
AFOSR67-1512
AFOSR66-0301
AFOSR66-0066
AFOSR66-1818
AFOSR66-2106
AFOSR67-0325
AFOSR67-0327
AFOSR67-0778
AFOSR67-1244
AFOSR67-2126
AFOSR66-2203
ARL 67-1182
ARL 66-1205
AFOSR66-0731
AFOSR66-0847
AFOSR66-2216
AFOSR66-2432
ARL 67-0053
AFOSR67-0271
AFOSR66-0238
ARL 66-1279
AFOSR66-0712
ARL 66-0063
AFOSR67-2021
AFOSR66-2667
ARL 66-1281
AFOSR66-2457
AFOSR67-2552
AFOSR66-1952
AFOSR66-2634
AFOSR67-0356
AFOSR66-0283
AFOSR66-2209
AFOSR66-1763
AFOSR66-2231
AFOSR66-2523
AFOSR66-2995
AFOSR67-2438
AFOSR66-0226
AFOSR66-2752
AFOSR66-2294
AFOSR66-2407
AFOSR66-2518
ARL 66-0204
AFOSR67-2738
AFOSR67-1210
AFOSR66-1413
AFOSR66-1913
AFOSR67-2847
AFOSR66-2293
ARL 66-0040
AFOSR67-1479
ARL 67-1273
ARL 67-0050
ARL 67-1179
AFOSR67-2329
AFOSR66-0916
AFOSR67-2245
AFOSR67-0216
AFOSR67-1805
ARL 67-1258
AFOSR66-0674
AFOSR67-2323
AFOSR67-2849
AFOSR67-2345
AFOSR67-2608
AFOSR66-0011
AFOSR67-1936

EQUATIONS - CONTINUED

A MAXIMUM PRINCIPLE OF THE PONTRYAGIN TYPE FOR SYSTEMS DESCRIBED BY NONLINEAR DIFFERENCE EQUATIONS
UNIFORM ASYMPTOTIC SOLUTIONS OF DISCONTINUOUS INITIAL VALUE PROBLEMS FOR DISPERSIVE HYPERBOLIC EQUATIONS AFOSR67-0776
AFOSR67-1849

EQUATORIAL

STUDIES OF THE EQUATORIAL INNOSPHERE USING TRANSMISSIONS FROM ACTIVE SATELLITES FINAL REPORT SEPT 1967 AFCL66-0020
AN EXPERIMENT IN NUMERICAL PREDICTION IN EQUATORIAL LATITUDES AFCL66-0483

EQUI-ATOMIC

SELF-DIFFUSION IN NEAR EQUI-ATOMIC ORDERED ALLOYS ARL 67-1153

EQUILIBRATED

TRANSFERENCE NUMBERS IN PARTIALLY EQUILIBRATED SAPPHIRE ARL 67-1874

EQUILIBRATION

CONFORMATIONAL FREE ENERGIES OF THE FORMYL HYDROXYMETHYL AC HYDROXYL GROUPS AS DETERMINED BY THE EQUILIBRATION METHOD AFOSR66-2486

EQUILIBRIA

STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS /SPANISH/
SOLUBILITY AND COMPLEX FORMATION EQUILIBRIA OF SILVER CHLORIDE IN PROPYLENE CARBONATE
/SPANISH/ STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS XIII POLYMERIZATION OF TELLURATES IN ONE MOLAR NaCl SOLUTION AFOSR67-1293
AFCL66-0142
THERMODYNAMIC PROPERTIES AND PHASE EQUILIBRIA IN THE W-H2O SYSTEM AFOSR67-1306
ARL 66-1163
CONFORMATIONAL ANALYSIS XIV CONFORMATIONAL EQUILIBRIA OF CYCLOHEXYL HALIDES AFOSR66-0678
THERMODYNAMIC ANALYSIS OF VAPOR-LIQUID AND VAPOR-SOLID EQUILIBRIA DATA TO OBTAIN INTERACTION SECOND VIRIAL AFOSR67-1245
NUCLEAR MAGNETIC RESONANCE STUDY OF BORATE-POLYBORATE EQUILIBRIA IN AQUEOUS SOLUTION AFOSR67-1701
THE INFLUENCE OF ELECTRICAL RESISTIVITY ON THE HMD STABILITY OF STATIONARY EQUILIBRIA AFOSR67-2434

EQUILIBRIUM

EQUILIBRIUM SPIN CONFIGURATION AND RESONANCE BEHAVIOR OF RBMNF SUB 3 AFCL67-0253
EQUILIBRIUM DISTRIBUTION OF RECTILINEAR VORTICES IN A ROTATING CONTAINER AFOSR67-0579
EQUILIBRIUM APPROACH TO SECOND SOUND IN SOLIDS AFOSR66-1118
EQUILIBRIUM THERMODYNAMIC DATA FOR THE H2O2-O2-NE SYSTEM ARL 66-0205
EQUILIBRIUM AIR STAGNATION POINT BOUNDARY-LAYER CALCULATIONS USING A VARIABLE HEAT OF DISSOCIATION MODEL ARL 66-0349
THE EQUILIBRIUM STRUCTURE OF A SHOCK-HEATED CORONA AFCL66-0312
NON EQUILIBRIUM FLOW FIELD EQUATIONS TO WITHIN FIRST ORDER TERMS IN THE AFFINITIES FINAL REPORT JULY 1966 AFOSR66-1929
THERMAL EQUILIBRIUM IN TURBULENT DIFFUSION FLAMES AFOSR67-2514
KINETIC AND EQUILIBRIUM STUDIES OF THE THERMAL DECOMPOSITION OF 2-METHYL-2-PROPANOL AFOSR67-1989
STATISTICAL EQUILIBRIUM MODEL ATMOSPHERES FOR EARLY-TYPE STARS III HYDROGEN AND HELIUM CONTINUA AFOSR66-1064
RELAXATION TO EQUILIBRIUM OF A DILUTE PLASMA FINAL REPORT JAN 1967 AFOSR67-0395
RELAXATION TO EQUILIBRIUM OF A DILUTE ELECTRON PLASMA AFOSR67-1903
STEREOCHEMICAL EQUILIBRIUM IN CHAIN MOLECULES AFOSR67-1296
RESEARCH ON NON-EQUILIBRIUM STATISTICAL PHYSICS FINAL REPORT OCT 1966 AFOSR67-0927
LOCAL THERMODYNAMIC EQUILIBRIUM MODEL ATMOSPHERE WITH LINE PLANKPTING REVIEW AND FUTURE PROSPECTS AFOSR67-0319
STATISTICAL MECHANICS OF EQUILIBRIUM NON-EQUILIBRIUM AND QUANTUM MANY-BODY PROCESSES FINAL REPORT DEC 1967 AFOSR66-2097
ACIDITY OF HYDROCARBONS XII RELATIVE EQUILIBRIUM ACIDITIES OF SOME HYDROCARBONS TOWARDS LITHIUM CYCLOHEXYLAMINE IN AFOSR67-0730
ACIDITY OF HYDROCARBONS XIII RELATIVE EQUILIBRIUM ACIDITIES OF HYDROCARBONS TOWARD CESIUM CYCLOHEXYLAMINE AFOSR67-0731
THEORY AND APPLICATION OF MOTION AROUND EQUILIBRIUM POSITIONS AFOSR67-0376
CORRELATION OF ANOMALOUS PLASMA TRANSPORT EQUILIBRIUM PLASMA DENSITY AND LOW-FREQUENCY POTENTIAL OSCILLATIONS IN A AFOSR66-0741
DETERMINATION OF DEPARTURES FROM LOCAL THERMODYNAMIC EQUILIBRIUM IN ARC PLASMAS FINAL REPORT MARCH 1967 ARL 67-0660
ON CONSTRUCTING FORMAL INTEGRALS OF A HAMILTONIAN SYSTEM NEAR AN EQUILIBRIUM POINT AFOSR67-0136
THE MECHANISM OF THE DISPROPORTIONATION OF SULFINIC ACIDS RATE AND EQUILIBRIUM CONSTANTS FOR THE SULFINIC ACID- AFOSR67-0075
DIFFERENTIAL APPROXIMATION FOR RADIATIVE TRANSFER IN A HONGREY GAS NEAR EQUILIBRIUM AFOSR66-1309

EQUINE

GAS CHROMATOGRAPHIC DETECTION OF IN VIVO ACTIVITY OF EQUINE INFECTIONS ANAEMIA VIRUS AFOSR66-2176

EQUIPMENT

THE POLE OF APPARATUS AND EQUIPMENT IN CHEMISTRY ARL 66-1012
A FAST MECHANICAL BEAM STOP AND OTHER AUXILIARY BEAM CONTROL EQUIPMENT AFOSR66-0596

EQUIPRESENCE

EQUIPRESENCE AND CONSTITUTIVE EQUATIONS FOR RIGID HEAT CONDUCTORS AFOSR67-2163

EQUIVALENCE

EQUIVALENCE RESTRICTIONS AND THE BRILLOUIN CONDITION FOR HARTREE-FOCK WAVE FUNCTIONS AFOSR66-0950
ON EQUIVALENCE OF STATE ASSIGNMENTS AFOSR66-2401
THE EQUIVALENCE OF CONTEXT LIMITED GRAMMARS TO CONTEXT FREE GRAMMARS AFCL67-0434
THE EQUIVALENCE OF CERTAIN COMPUTATIONS AFOSR67-0253
ON THE EQUIVALENCE OF SYSTEMS OF PARTIAL DIFFERENTIAL EQUATIONS AFOSR67-2552
ON THE EQUIVALENCE OF FINITE-STATE SEQUENTIAL MACHINE MODELS AFOSR66-2104
THE UNSOLVABILITY OF THE EQUIVALENCE PROBLEM FOR A-PRG NONDETERMINISTIC GENERALIZED MACHINES AFCL66-0012
A NONLINEAR DISCRETE SYSTEM EQUIVALENCE OF INTEGRAL PULSE FREQUENCY MODULATION SYSTEMS AFOSR66-2323
FUNCTIONAL EQUATIONS - ASYMPTOTIC EQUIVALENCE OF EQUATIONS OF EVOLUTION AFOSR67-2326

EQUIVALENT

EQUIVALENT GAUSSIAN MEASURES WITH A PARTICULARLY SIMPLE RADON-NIKODYM DERIVATIVE AFOSR67-2394
EQUIVALENT FIELD THEORIES AND BOUND STATES AFOSR66-1631
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS- PART I THE SINGLE ENERGY LEVEL DEFECT CENTERS AFOSR67-1650
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS - PART II THE MULTIPLE ENERGY LEVEL IMPURITY CENTERS AFOSR67-1700
ON MEASURES EQUIVALENT TO WIENER MEASURE AFOSR67-1046
ON GAUSSIAN MEASURES EQUIVALENT TO WIENER MEASURE II AFOSR67-1194
INCOHERENT BACKSCATTER STUDY OF ELECTROMAGNETIC AND EQUIVALENT SLAB THICKNESS AFOSR66-1125
A COMPARISON BETWEEN A N-ELEMENTS CIRCULAR ARRAY AND AN ELECTRICALLY THICK TUBULAR DIPOLE ANTENNA WITH EQUIVALENT AFCL67-0256

EQUIVALENTS

SEQUENTIAL EQUIVALENTS OF PARALLEL PROCESSES AFOSR67-0755

ERBIUM

INVESTIGATION OF GRAIN BOUNDARY ENERGIES IN ERBIUM OXIDE THIN FOILS BY TRANSMISSION ELECTRON MICROSCOPY AFOSR66-2402
HOST CRYSTAL EFFECTS ON THE ELECTRON PARAMAGNETIC RESONANCE OF ERBIUM AND TRIVALENT YTTERBIUM IN II-VI COMPOUNDS AFOSR67-0797

ERGODIC

DISJOINTNESS IN ERGODIC THEORY MINIMAL SETS AND A PROBLEM IN DIOPHANTINE APPROXIMATION AFOSR67-0747

EROSION

INVESTIGATION OF ELECTRODE EROSION IN HIGH CURRENT ELECTRIC ARCS
SURVEY OF EFFECT OF SURFACE PROPERTIES ON ANODE EROSION, FINAL REPORT APRIL 1968
ELECTRIC ARC ATTACHMENT, HEAT TRANSFER, AND ELECTRODE EROSION OF HIGH CURRENT ARCS DRIVEN MAGNETICALLY OVER METAL

ARL 68-0112
ARL 67-0069
ARL 68-1022

EROSIVE

RESPONSE OF A BURNING PROPELLANT SURFACE TO ERODITIVE TRANSIENTS
RESPONSE OF A BURNING PROPELLANT SURFACE TO ERODITIVE TRANSIENTS
RESPONSE OF A BURNING PROPELLANT SURFACE TO ERODITIVE TRANSIENTS
RESPONSE OF A BURNING PROPELLANT SURFACE TO ERODITIVE TRANSIENTS
RESPONSE OF A BURNING PROPELLANT SURFACE TO ERODITIVE TRANSIENTS FINAL REPORT 1968

AFOSR67-0880
AFOSR67-1778
AFOSR67-1928
AFOSR67-2495
AFOSR68-0771

ERROR

ERROR DETECTION CONSIDERATIONS IN MULTIRECEPTION SYSTEMS
ERROR ANALYSIS OF THE HUMIDITY-TEMPERATURE MEASURING SET AN/TMO-11
ERROR PROBABILITIES IN PCM/FM WITH PHASE-LOCK LOOP DISCRIMINATORS
ERROR DETECTING AND ERROR CORRECTING INDEXING SYSTEMS FOR LARGE SERIAL NUMBERS
ERROR BOUNDS FOR CONVOLUTIONAL CODES AND AN ASYMPTOTICALLY OPTIMUM DECODING ALGORITHM
ERROR BOUNDS FOR SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
ON ERROR BOUNDS FOR THE SOLUTION OF SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
ROUND-OFF ERROR OF FLOATING-POINT DIGITAL FILTERS
A STUDY OF ERROR CORRECTING CODES III SYNCHRONIZABILITY AND COMMUNICATION FREEDOM
ON A FAMILY OF ERROR CORRECTING AND SYNCHRONIZABLE CODES
LOWER BOUNDS TO ERROR PROBABILITY FOR CODING ON DISCRETE MEMORYLESS CHANNELS II
ON LINEAR UNEQUAL ERROR PROTECTION CODES
ERROR DETECTING AND ERROR CORRECTING INDEXING SYSTEMS FOR LARGE SERIAL NUMBERS
RIGOROUS BOUNDS ON THE ERROR IN NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATIONS
AN UPPER BOUND ON AVERAGE ESTIMATION ERROR IN NONLINEAR SYSTEMS
ON THE UPPER BOUND OF THE PROBABILITY OF ERROR OF A LINEAR PATTERN CLASSIFIER FOR PROBABILISTIC PATTERN CLASSES
UTILITY OF QUANTIZED MODELS OF FADING FOR ERROR ANALYSIS FINAL REPORT JAN 1968

AFCL67-0630
AFCL68-0184
AFOSR67-0430
AFOSR67-1109
AFOSR67-1927
ARL 68-1279
ARL 67-1273
AFOSR68-2113
AFCL67-0045
AFCL68-0092
AFOSR68-2019
AFOSR68-0732
AFOSR67-1109
ARL 67-1288
AFOSR68-2115
AFOSR68-1396
AFCL68-0033

ERROR-CORRECTING

A STUDY OF ERROR-CORRECTING CODES IV CODE PROPERTIES AND UNAMBIGUOUS SETS
GRAPH THEORETIC ERROR-CORRECTING CODES
A CLASS OF NONLINEAR ERROR-CORRECTING CODES BASED UPON INTERLEAVED TWO-LEVEL SEQUENCES

AFCL67-0124
AFOSR67-2220
AFOSR67-2240

ERROR-FREE

ANALYSIS AND SIMULATION OF WORD-SELECTION PROCEDURES IN ERROR-FREE COMMUNICATION SYSTEMS PART II - PRESENTATION AND

AFCL67-0594

ERRORS

ERRORS IN AUDITORY DIRECTION-FINDING AFTER COMPENSATION FOR VISUAL RE-ARRANGEMENT
ON TRUNCATION ERRORS FOR CONTINUED FRACTION COMPUTATIONS
INVESTIGATION OF ERRORS IN MEASURING MAGNETIC FIELDS IN HIGH TEMPERATURE PLASMA DISCHARGES
THE INFLUENCE OF STATISTICAL ERRORS ON THE ABEL INVERSION FINAL REPORT NOV 1967
ASSOCIATIVE ADJUSTMENTS TO REDUCE ERRORS IN DOCUMENT SCREENING FINAL REPORT MARCH 1967
MULTIPLE REGRESSION WITH STATIONARY ERRORS
A COMPUTER STUDY OF THE ESTIMATED PROPAGATION OF ERRORS IN THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL
A FAMILY OF CODES FOR THE CORRECTION OF SUBSTITUTION AND SYNCHRONIZATION ERRORS
OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM ERRORS

AFOSR67-2749
AFOSR67-0367
ARL 68-1136
ARL 68-0044
AFOSR67-0980
AFOSR67-0799
ARL 67-1006
AFCL67-0591
AFCL67-0310

ESCAPE

THERMAL ESCAPE FROM PLANETARY ATMOSPHERES IN THE PRESENCE OF A GRAVITATIONAL FIELD
THERMAL ESCAPE PROBLEM II TRANSITION DOMAIN IN SPHERICAL GEOMETRY

AFOSR68-0837
AFOSR68-2531

ESCAPE-AVOIDANCE

PATTERNS OF EXTINCTION OF A DETECTION-INDICATING RESPONSE UNDER ESCAPE-AVOIDANCE REINFORCEMENT

AFOSR67-1951

ESERINE

EFFECTS OF ATROPINE ESERINE AND ADRENALINE IN CATS WITH MESENCEPHALIC TRANSECTION AND IN THE ISOLATED HEMISPHERE CAT
ELECTROCARDIOGRAM IN THE CHRONIC ISOLATED HEMISPHERE OF THE CAT EFFECT OF ATROPINE AND ESERINE

AFOSR67-2380
AFOSR67-0915

ESTABLISHMENT

THE USES OF SOCIOLOGY IN THE MILITARY ESTABLISHMENT
THE ROLE OF THE THALAMUS MEDIAN IN THE ESTABLISHMENT AND THE RETENTION OF CONDITIONED DEFENSES CLASSICAL AND

AFOSR68-1007
AFOSR67-2114

ESTERIFICATION

SYNTHESIS OF TROPINE-LABELED ATROPINE I MICRO METHODS FOR THE SYNTHESIS OF TROPINE AND FOR ITS ESTERIFICATION WITH

AFOSR67-2104

ESTERS

PHOSPHONIC ACIDS AND ESTERS XIX SYNTHESIS OF SUBSTITUTED PHENYL-AND ARYLPHOSPHONATES BY THE PHOTOINITIATED ARLATION
POLYFLUORINATED AROMATIC ESTERS PREPARATION AND CARBONYL STRETCHING FREQUENCIES
NUCLEOPHILIC DISPLACEMENTS IN PHOSPHORUS ESTERS FINAL REPORT SEPT 1967
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS II EVIDENCE FOR COMPETITIVE
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS III THE REACTION OF ALKYL
SOME BI-MOLECULAR COMPLEXES SHOWING NO CHARGE TRANSFER SPECTRA FORMED BY D-TOLUENESULFONIC ESTERS

AFOSR68-0736
AFOSR67-1987
AFOSR67-2247
AFOSR67-0706
AFOSR67-0707
AFOSR68-1533

ESTIMABILITY

ESTIMABILITY OF VARIANCE COMPONENTS FOR THE TWO-WAY CLASSIFICATION WITH INTERACTION

ARL 67-0243

ESTIMATE

AN ESTIMATE OF THE SURFACE TEMPERATURE OF VENUS INDEPENDENT OF PASSIVE MICROWAVE RADIOMETRY
MATHEMATICAL/STATISTICAL TECHNIQUE TO ESTIMATE MAXIMUM AEROSPACE VEHICLE RESPONSE TO WIND FINAL REPORT MAY 1967

AFOSR68-1053
AFCL67-0394

ESTIMATES

ESTIMATES OF SPECTRAL ENERGY DENSITY APPLIED TO VERTICAL PROFILES OF THE HORIZONTAL WIND IN THE LOWER IONOSPHERE
INTERPRETIVE ESTIMATES IN CERTAIN SPARSELY SPACES
RADAR SPECTROGRAPHIC ESTIMATES OF IONIC COMPOSITION FROM 225 TO 1400 KILOMETERS FOR SOLAR MINIMUM WINTER AND SUMMER
ADDITION TO A PRIORI ESTIMATES FOR SOLUTIONS OF THE MINIMAL SURFACE EQUATION
COMBINATORIAL ENERGY ESTIMATES FOR STATISTICALLY COILING POLYPEPTIDE CHAINS
ASYMPTOTIC FORMULAS WITH REMAINDER ESTIMATES FOR EIGENVALUES OF ELLIPTIC OPERATORS
SUBJECTIVE PROBABILITIES INFERRED FROM ESTIMATES AND BETS
CERTAIN GENERAL PROPERTIES OF UNBIASED ESTIMATES OF LOCATION AND SCALE PARAMETERS BASED ON ORDERED OBSERVATIONS

AFCL67-0054
AFOSR67-1713
AFOSR67-0804
AFOSR68-1884
AFOSR67-0531
AFOSR68-1352
AFOSR68-0362
AFOSR68-1634

ESTIMATION

ESTIMATING THE DATE OF RETREAT OF THE RAINY SEASON IN SOUTHERN SOUTH VIETNAM
ESTIMATING PROBABILITIES
A NEW METHOD OF ESTIMATING THE WEIBULL SHAPE PARAMETER
A NONLINEAR MODEL FOR ESTIMATING PROBABILITIES OF K EVENTS

AFOSR66-0289
AFOSR66-1358
ARL 66-0076
AFOSR66-1841

ESTIMATION

ESTIMATION OF LIMITS OF DETECTION FOR THE FLAME EMISSION GAS CHROMATOGRAPHIC DETECTOR
ESTIMATION OF THE NUMBER OF HYPOTHESES IN A CONCEPT LEARNING TASK
ESTIMATION OF THE INNOVATION VARIANCE OF A STATIONARY TIME SERIES
ESTIMATION OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION
ESTIMATION OF PARAMETERS OF LIFE DISTRIBUTIONS
DISCRETE ESTIMATION OF DIGITAL COMMUNICATION PROCESSES
INVARIANT ESTIMATION OF STOCHASTIC SYSTEM PARAMETERS
A NOTE ON ESTIMATION FROM A TYPE I EXTREME-VALUE DISTRIBUTION
POINT INTERVAL ESTIMATION FROM ONE-ORDER STATISTIC OF THE LOCATION PARAMETER OF AN EXTREME-VALUE DISTRIBUTION WITH
MAXIMUM LIKELIHOOD ESTIMATION OF THE DISTRIBUTIONS OF TWO STOCHASTICALLY ORDERED RANDOM VARIABLES
MAXIMUM-LIKELIHOOD ESTIMATION OF THE PARAMETERS OF A FOUR-PARAMETER GENERALIZED GAMMA POPULATION FROM COMPLETE AND
MAXIMUM-LIKELIHOOD ESTIMATION, FROM CENSORED SAMPLES, OF THE PARAMETERS OF A LOGISTIC DISTRIBUTION
CONDITIONAL LINEAR ESTIMATION OF THE SCALE PARAMETER OF THE EXTREME-VALUE DISTRIBUTION BY USE OF SELECTED ORDER
FURTHER RESULTS ON ESTIMATION OF THE PARAMETERS OF THE PEARSON TYPE III AND WEIBULL DISTRIBUTIONS IN THE NON-REGULAR
POINT AND INTERVAL ESTIMATION PROCEDURES FOR THE TWO-PARAMETER WEIBULL AND EXTREME-VALUE DISTRIBUTIONS
MAXIMUM-LIKELIHOOD ESTIMATION, FROM DOUBLY CENSORED SAMPLES, OF THE PARAMETERS OF THE FIRST ASYMPTOTIC DISTRIBUTION
SIMULTANEOUS LINEAR ESTIMATION OF THE MEAN AND STANDARD DEVIATION OF THE NORMAL AND LOGISTIC DISTRIBUTION BY THE USE
SIMULTANEOUS LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE EXTREME-VALUE DISTRIBUTION USING SELECTED
A NONLINEAR ADAPTIVE ESTIMATION RECURSIVE ALGORITHM
DEVIATIONS CONDITIONAL ESTIMATION OF THE STANDARD OF THE NORMAL AND LOGISTIC DISTRIBUTIONS FROM DOUBLY CENSORED
RESULTS ON STATISTICAL ESTIMATION AND HYPOTHESIS TESTING WITH APPLICATION TO THE WEIBULL AND EXTREME-VALUE
OBSERVATION SYSTEM BIAS ESTIMATION FROM SATELLITE OBSERVATIONS FINAL REPORT AUG 1967
A LIANOVOV METHOD FOR THE ESTIMATION OF STATISTICAL AVERAGES
AN UPPER BOUND ON AVERAGE ESTIMATION ERROR IN NONLINEAR SYSTEMS
NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY-WAVE NUMBER SPECTRA OF SEISMIC EVENTS USING LINEAR ARRAYS
THE USE OF ORDER STATISTICS IN ESTIMATION
THE USE OF ORDER STATISTICS IN ESTIMATION
CONDITIONAL MAXIMUM LIKELIHOOD ESTIMATION, FROM SINGLY CENSORED SAMPLES, OF THE SHAPE PARAMETERS OF PARETO AND LIMITED
GEOMETRIC STATION AND TRAJECTORY ESTIMATION FINAL REPORT FEB 1968
MINIMUM DISCRIMINATION INFORMATION ESTIMATION
APPLICATIONS OF A METHOD FOR ON LINE ESTIMATION AND CONTROL
RESULTS ON LOCATION AND SCALE PARAMETER ESTIMATION WITH APPLICATION TO THE EXTREME-VALUE DISTRIBUTION
OPTIMUM SPACE-TIME SIGNAL PROCESSING AND PARAMETER ESTIMATION
LARGE AND SMALL SCALE SENSITIVITY ANALYSIS OF OPTIMUM ESTIMATION ALGORITHMS
INVARIANT IMBEDDING AND THE COMPUTATIONAL SOLUTION OF OPTIMIZATION AND ESTIMATION PROBLEMS
THUNDERSTORM PENETRATIONS OF THE TROPOPAUSE A CLIMATOLOGY AND A METHOD OF ESTIMATION FINAL REPORT AUG 1967

AFOSR66-0337
AFOSR66-0819
AFOSR66-1639
ARL 67-0258
ARL 67-1252
AFOSR66-2028
AFOSR67-0244
ARL 67-0116
AFOSR67-0027
AFOSR67-1512
ARL 67-0089
ARL 67-0184
ARL 67-1005
ARL 66-0207
ARL 66-0240
ARL 66-0277
ARL 67-1002
ARL 67-1004
AFOSR66-1818
ARL 67-1003
ARL 66-0068
AFOSR67-0439
AFOSR67-0907
AFOSR66-2115
AFOSR67-1201
ARL 67-1018
ARL 66-0171
ARL 66-0270
AFOSR66-0060
AFOSR66-2277
AFOSR66-2047
ARL 67-0023
AFOSR66-0404
AFOSR66-2027
AFOSR66-2046
AFOSR67-0471

ESTIMATORS

MAXIMUM PROBABILITY ESTIMATORS
BEST LINEAR UNBIASED ESTIMATORS OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION USING ORDER STATISTIC
BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECTS AND THE NUMBER OF
BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECTS AND THE NUMBERS OF
BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECT AND THE NUMBERS OF
CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATORS, FROM SINGLY CENSORED SAMPLES, OF THE SCALE PARAMETERS OF TYPE II
ONE-ORDER-STATISTIC CONDITIONAL ESTIMATORS OF SHAPE PARAMETERS OF LIMITED AND PARETO DISTRIBUTIONS AND SCALE
ASYMPTOTIC VARIANCES AND COVARIANCES OF MAXIMUM-LIKELIHOOD ESTIMATORS FROM CENSORED SAMPLES OF THE PARAMETERS OF

AFOSR66-1838
ARL 67-0261
ARL 67-1020
ARL 67-1021
ARL 67-1022
ARL 66-0005
ARL 66-0030
ARL 67-0130

ETCHING

THE GROWTH AND ETCHING OF SILICON THROUGH WINDOWS IN SILICON OXIDE

AFOSR67-2006

ETHANE

ORBITAL WAVEFUNCTIONS FOR ETHANE METHYL ALCOHOL AND HYDROGEN PEROXIDE
GEOMETRY OF MOLECULES II DIETHANE AND ETHANE

AFOSR67-2469
AFOSR67-2469

ETHANOL

REACTIVE STATE IN THE PHOTOREDUCTION OF ACRIDINE IN ETHANOL
EFFECT OF PRESSURE ON CONDUCTANCE IV IONIC ASSOCIATION AND WALDEN PRODUCTS IN ETHANOL

ARL 66-0120
AFOSR66-0328

ETHER

PROTONATION IN ACETONITRILE OF WATER ALCOHOLS AND DIETHYL ETHER
SOLVATION OF EXTRACTED COMPLEX METAL ACIDS III THE NBSURCLA DIETHYL ETHER SYSTEM
MICROWAVE SPECTRUM CONFORMATION DIPOLE MOMENT AND BARRIER TO INTERNAL ROTATION IN METHYL VINYL ETHER
2-CYCLOHEXYLTHYLTRICYCLOHEXYLSILANE FORMATION OF CYCLOHEXYLTHYLLITHIUM FROM THE CLEAVAGE OF ETHYL ETHER BY

AFOSR66-2210
AFOSR67-1140
AFOSR66-1758
ARL 67-0028

ETHERS

ANIMATIC OXIDATION BY ELECTRON TRANSFER II OXIDATIONS OF AROMATIC ETHERS AND AMINES BY MANGANIC ACETATE

AFOSR67-0242

ETHICAL

COMMENTS ON THE CYBERNETICS OF ETHICAL SOCIOLOGICAL AND PSYCHOLOGICAL SYSTEMS

AFOSR67-2721

ETHNIC

RELATION BETWEEN ETHNIC ORIGIN AND GSR REACTIVITY IN PSYCHOPHYSIOLOGICAL DETECTION
BEING LUE USES AND ABUSES OF ETHNIC IDENTIFICATION

AFOSR66-2171
AFOSR66-2183

ETHOLOGICAL

BRAIN STEM STIMULATION AND ETHOLOGICAL STUDIES ON BIRDS FINAL REPORT FEB 1967
BRAIN STEM STIMULATION AND ETHOLOGICAL STUDIES ON BIRDS FINAL REPORT JAN 1966

AFOSR67-1099
AFOSR66-2390

ETHYL

REACTION OF ETHYL WITH ISOBUTYL AND T-BUTYL FREE RADICALS
IONIC REACTION IN ETHYL CHLORIDE
IONIC REACTIONS IN ETHYL CHLORIDE
IONIC REACTIONS IN ETHYL CHLORIDE
MICROWAVE ROTATION SPECTRA OF ETHYL ACETYLENE AND ETHYL ISOCYANIDE
IONIC POLYMERIZATION IN METHYL, ETHYL AND VINYL CHLORIDES
HYDROGEN-ABSTRACTION REACTIONS BY ETHYL RADICALS FROM METHYLAMINES AND HYDRAZINE
IONIC REACTIONS IN THE RADIOLYSIS OF ETHYL CHLORIDE
MICROWAVE ROTATION SPECTRA OF ETHYL ACETYLENE AND ETHYL ISOCYANIDE
DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND

ARL 66-0553
ARL 66-0195
ARL 66-1080
ARL 66-1122
AFOSR67-0059
ARL 67-1106
AFOSR67-2043
ARL 66-1121
AFOSR67-0059
ARL 67-1111

ETHYL - CONTINUED

DISPROPORTIONATION AND COMBINATION REACTIONS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL AND ISOPROPYL 2-CYCLOHEXYLTHYLTRICYCLOHEXYLSILANE FORMATION OF CYCLOHEXYLTHYLLITHIUM FROM THE CLEAVAGE OF ETHYL ETHER BY	ARL 67-0208 ARL 67-0028
ETHYLAMINE	
THE PREPARATION OF /PLUS/ -4-METHYL-1-/1-NAPHTHYL/ ETHYLAMINE AND THE DETERMINATION OF ITS OPTICAL PURITY BY NUCLEAR	AFOSR68-1490
ETHYLENE	
ION-MOLECULE REACTIONS IN ETHYLENE CONFIGURATIONAL STATISTICS OF POLY /ETHYLENE TEREPHTHALATE/ CHAINS INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE - PART I KINETIC RESULTS INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE PART II DISCUSSION AND EVALUATION OF VELOCITY CONSTANTS REACTIONS IN FROZEN SOLUTIONS VI THE REACTION OF ETHYLENE CHLOROHYDRIN WITH HYDROXYL ION IN ICE ANHARMONICITY IN THE SYMMETRIC AND ASYMMETRIC CH VIBRATIONS OF ETHYLENE TORSIONAL COORDINATION IN VIBRATIONAL ANHARMONICITY APPLICATION TO ETHYLENE IONIC POLYMERIZATION OF SIMPLE UNSATURATED HYDROCARBONS, ACETYLENE AND ETHYLENE COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES IV METAL CARBONYL COMPLEXES OF C18-B18-1 2-/DIPHENYLPHOSPHINO/ ETHYLENE	ARL 67-1108 AFOSR67-1482 AFOSR67-0863 AFOSR67-0886 AFOSR67-0889 AFOSR67-2844 AFOSR67-2841 ARL 67-1237 AFOSR68-1709
ETHYLCHLORISOBIGUANIDE	
ABSORPTION S-ECTRA OF SQUARE-PLANAR COMPLEXES OF ETHYLPHENISBIGUANIDE WITH NICKEL/II/ AND PALLADIUM/II/	AFOSR68-0360
ETZIONI	
AN EXAMINATION OF THE BLAU-SCOTT AND ETZIONI TYPOLOGIES	AFOSR67-1496
EUCLEIDEAN	
EUCLEIDEAN GEOMETRY CYCLIC CODES STATIONARY EMPTY SPACES ENERGY AND EUCLEIDEAN BEHAVIOR /FRENCH/ ON EMBODING DECOMPOSITION SPACES OF N-DIMENSIONAL EUCLEIDEAN SPACE IN N-PLUS-ONE-DIMENSIONAL EUCLEIDEAN SPACE	FCRL-67-0178 AFOSR67-2553 AFOSR68-2649
EULER	
SOME NUMERICAL SOLUTIONS OF THE ROTATIONAL EULER EQUATIONS ON CLASSICAL SOLUTIONS OF THE TWO-DIMENSIONAL NON-STATIONARY EULER EQUATION	AFOSR68-0847 AFOSR67-2393
EULER-LAGRANGE	
EULER-LAGRANGE RELATIONSHIP FOR RANDOM DISPERSIVE WAVES	AFOSR68-1697
EULER-POISSON-DARBOUX	
A REMARK ON THE SINGULAR CAUCHY PROBLEM FOR ALL VALUES OF THE TIME FOR THE EULER-POISSON-DARBOUX EQUATION	AFOSR67-0146
EUROPE	
BUREAUCRATIC CONSERVATISM AND INNOVATION IN EASTERN EUROPE PRELIMINARY DEPTH CONTOUR MAPS FOR THE CONRAD AND MONO DISCONTINUITIES IN EUROPE PRELIMINARY RESULTS OF AN INVESTIGATION OF CRUSTAL STRUCTURE IN SOUTHEASTERN EUROPE	AFOSR68-2846 AFOSR67-2553 AFOSR67-2188
EUROPIUM	
METAMAGNETISM IN EUROPIUM OXIDE GROWTH OF SAMARIUM EUROPIUM THULIUM AND YTTERBIUM METAL BY VAPOR DEPOSITION LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM INTERMETALLIC COMPOUNDS LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM INTERMETALLIC COMPOUNDS MAGNETIC PROPERTIES OF DIVALENT EUROPIUM COMPOUNDS FINAL REPORT MARCH 1966 LOW TEMPERATURE SPECIFIC HEAT OF EUROPIUM SULFIDE THE LOW TEMPERATURE SPECIFIC HEAT OF EUROPIUM SULFIDE IN A MAGNETIC FIELD SPECTRAL STUDY OF THE INTERCONVERSION OF EUROPIUM PLUS 2 SPECTRA AND EUROPIUM PLUS 3 SPECTRA IN SILICATE GLASSES MAGNETIC MOMENT MEASUREMENTS IN SINGLE-CRYSTAL DYSPROSIUM NOLMIUM EUROPIUM AND GADOLINIUM IN DC FIELDS UP TO 170 KG RARE EARTH METAL SINGLE CRYSTALS II MAGNETIC PROPERTIES OF THULIUM EUROPIUM SAMARIUM AND YTTERBIUM SPECTRAL STUDY OF THE INTERCONVERSION OF EUROPIUM PLUS 2 SPECTRA AND EUROPIUM PLUS 3 SPECTRA IN SILICATE GLASSES COMPETITIVE TRAPPING IN SODIUM DISILICATE GLASSES DOPED WITH TRIVALENT EUROPIUM	AFOSR68-1473 AFOSR67-0492 ARL 68-1188 ARL 68-1381 AFOSR68-2883 AFOSR68-0168 AFOSR67-0694 AFOSR68-1951 AFOSR67-1674 AFOSR68-1010 AFOSR68-1951 AFOSR67-0012
EUTECTIC	
THE CONTROL OF EUTECTIC MICROSTRUCTURES PROXIMITY EFFECTS IN EUTECTIC ALLOYS TRANSITION TEMPERATURE AND SPECIFIC HEAT MICROWAVE EMISSION FROM INDIUM-NICKEL ANTIMONIDE EUTECTIC	AFOSR68-2721 AFOSR68-0336 AFOSR68-2268
EVALUATING	
A METHODOLOGY FOR EVALUATING TIME-SHARED COMPUTER SYSTEM USAGE A THEORETICAL TECHNIQUE FOR EVALUATING THE TIME DEPENDENT EFFECTS OF GENERAL ELECTRODYNAMIC DRIFTS IN THE F2-LAYER OF ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING PLAT PLATE IN A	AFOSR69-0795 AFOSR68-0172 ARL 67-0124
EVALUATION	
EVALUATION OF PSEUDO-RANDOM DOT-SCANNING TELEVISION SYSTEMS FINAL REPORT JAN 1967 EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION FINAL REPORT OCT 1966 EVALUATION OF FARADAY SHIELDED STEEL COILS FOR ION CYCLOTRON RESONANCE HEATING OF PLASMA EVALUATION OF SOME TRANSPORT INTEGRALS II EVALUATION OF ABSORPTION AND GAIN FROM SPONTANEOUS EMISSION PROFILES EVALUATION OF THE HUANG-PHYS FACTOR AND THE HALF-BAND OF THE P-BAND IN KCl AND NaCl CRYSTALS EVALUATION OF THE COSMOLOGICAL MODEL EVALUATION OF THE PACE KP109 PRESSURE TRANSDUCER FOR USE IN A HYPERSONIC WIND TUNNEL AN EVALUATION OF THE ALUMINUM OXIDE HUMIDITY ELEMENT AN EVALUATION OF METHODS OF MULTIPLEXING AN INFRARED IMAGE AND IMAGING IT IN THE VISIBLE AN EVALUATION OF HEURISTICS FOR THRESHOLD-FUNCTION TEST-SYNTHESIS AN EVALUATION OF ABSORPTION CORRECTION FUNCTIONS FOR ELECTRON PROBE MICROANALYSIS THE EVALUATION OF AN INTEGRAL INVOLVING THE PRODUCT OF TWO GEGENBAUER POLYNOMIALS THE EVALUATION OF A COSMOLOGICAL MODEL ARECERO EVALUATION PANEL FINAL REPORT OCT 1967 PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS FINAL REPORT JAN 1967 NUMERICAL EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING SOLIDIFICATION ON THE WEB EVALUATION OF VIBRATIONAL TRANSITION PROBABILITIES DESIGN AND EVALUATION OF A RADIO FREQUENCY PLASMA SOURCE/ PART I/ SELF-EXCITED OSCILLATOR PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES III DIAGNOSTIC EVALUATION OF SPEECH INTELLIGIBILITY FINAL REPORT EXPERIMENTAL EVALUATION OF VARIOUS RIGIDITY MODELS ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION SYSTEM DESIGN EVALUATION AND COSTING--IN PLAIN ENGLISH NONDESTRUCTIVE EVALUATION OF METAL FATIGUE	AFOSR67-0004 AFOSR67-0447 AFOSR68-0889 AFOSR67-0817 AFOSR67-1231 AFOSR67-2531 AFOSR68-1132 ARL 68-1238 ARL 68-1332 AFOSR68-0547 AFOSR68-0400 AFOSR68-1297 AFOSR68-1868 AFOSR68-1285 ARL 68-1348 AFOSR67-2173 AFOSR67-0081 ARL 68-1007 AFOSR68-1978 ARL 67-0281 AFOSR67-0101 AFOSR67-0099 AFOSR67-1766 AFOSR67-1998 AFOSR67-1288

EVALUATION

- CONTINUED

NONDESTRUCTIVE EVALUATION OF METAL FATIGUE
DEVELOPMENT AND EVALUATION OF 1200 MPS DELTA MODULATION FOR THE KY-585/U VOCODER
DEVELOPMENT AND EVALUATION OF VOCODER SYNTHESIZER FOR THE KY-585/U VOCODER
THE CATEGORIZATION AND EVALUATION OF SPOURNEES OF TWO-LEVEL FACTORIAL PLANS
A STATISTICAL METHOD FOR EVALUATION OF LIMITING DETECTABLE SAMPLE CONCENTRATIONS
A GENERAL COMPUTER PROGRAM FOR EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING
THE GEOMETRIC-TWO-STEP EXPERIMENT OF 1984: AN EVALUATION IN RETROSPECT
RESEARCH DIRECTED TOWARD THE COLLECTION REDUCTION AND EVALUATION OF GEOMAGNETIC FIELD DATA FINAL REPORT JAN 1968
FURTHER INVESTIGATIONS ON THE MICROWAVE SPECTRUM OF NSP EVALUATION OF THE MOLECULAR FORCE FIELD CENTRIFUGAL DISTORTION
PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES III DIAGNOSTIC EVALUATION OF SPEECH INTELLIGIBILITY FINAL REPORT
WIND MEASUREMENT BY DUAL-BEAM RADAR A THEORETICAL AND EXPERIMENTAL EVALUATION
APPLICATIONS ON NON-UNIFORM ELECTRIC FIELD PART I - ELECTROPHORETIC EVALUATION OF ADSORPTION
ENVIRONMENTAL EFFECTS ON THE INCREASED FREQUENCIES OF POLYATOMIC MOLECULES EVALUATION OF PERTURBATION-THEORY PARAMETERS
INITIATION OF THE HYDROGEN OXYGEN REACTION BY RHYTHM PART II DISCUSSION AND EVALUATION OF VELOCITY CONSTANTS
THE POLARIZATION OF A CLOSED-SHELL CORP OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON II EVALUATION OF THE POLARIZABILITIES
AFOSR68-1162
AFCL67-0001
AFCL67-0002
ARL 68-1200
AFOSR68-0338
ARL 68-0064
AFOSR68-0390
AFCL68-0014
AFOSR68-1138
AFCL67-0101
AFCL67-0038
AFOSR67-1871
AFOSR67-0215
AFOSR67-0899
AFCL68-0524

EVANESCENT
EXACT NEAR FIELD SCATTERING AMPLITUDE AND EVANESCENT WAVES
AFOSR68-2662

EVAPORATED
QUANTITATIVE DETERMINATION OF EVAPORATED SI FILMS BY NEUTRON ACTIVATION
AFOSR68-0332

EVAPORATION
EVAPORATION OF SUBMICRON PLATINUM PARTICLES IN A SHOCK TUBE
AN EXPERIMENT CONCERNING THE EVAPORATION AND CONDENSATION OF PLATINUM AT HIGH TEMPERATURES
MASS SPECTROMETRIC STUDY OF THE EVAPORATION OF BANDO SUB 4 AND DAND SUB 4 FINAL REPORT OCT 1968
DEPOSITION OF SINGLE CRYSTAL OXIDE FILMS BY EVAPORATION AND SPUTTERING FINAL REPORT AUG 1967
A GENERALIZED GALERKIN-KANTOROVICH TREATMENT OF TRANSIENT EVAPORATION THROUGH A FINITE REGION
ARL 68-0146
ARL 67-1087
AFCL68-0376
AFCL 67-0139
ARL 68-0039

EVIASION
THE APPLICATION OF THE METHOD OF STEEPEST DESCENT TO A PURSUIT EVASION PROBLEM
SRL 68-0017

EVENING
EVENING MICROPULSATION EVENTS WITH A RISING MIDFREQUENCY CHARACTERISTIC
A WORLD-WIDE INVESTIGATION OF THE MID-LATITUDE EVENING INCREASE OF THE F₂ SUM OF SUB 2 IN THE SUMMER HEMISPHERE FINAL
AFCL67-0251
AFCL68-0098

EVENT
SOLAR EVENT FORECAST AIDS FINAL REPORT MAR 1968
AN INTENSE AURORAL ZONE X-RAY EVENT IN THE 4-5 SEC PERIOD RANGE
OBSERVATIONS OF THE SEPTEMBER 2, 1968 PCA EVENT, MIDDAY RECOVERY IN ABSORPTION
AFCL68-0024
AFOSR68-0539
AFOSR68-0485

EVENTS
STRUCTURE OF EVENTS AND AUTOMATA
A NOTE ON STAIN-FREE EVENTS
EVENING MICROPULSATION EVENTS WITH A RISING MIDFREQUENCY CHARACTERISTIC
STATISTICAL INDEPENDENCE OF EVENTS IN NEIGHBORING RETINAL UNITS
EXCITATION OF SURFACE WAVES BY EVENTS IN SOUTHERN ALGERIA
FAST-WEST MOVEMENTS OF PULSATING AURORAL-ZONE X-RAY EVENTS
A NONLINEAR MODEL FOR ESTIMATING PROBABILITIES OF X EVENTS
A STOCHASTIC MODEL OF THE FREQUENCY AND DURATION OF WEATHER EVENTS
ON THE MICROINFLUENCE OF NITROGEN DIOXIDE DURING PCA EVENTS
OBSERVATIONS OF LARGE-SCALE COHERENT PULSATING ELECTRON PRECIPITATION EVENTS IN THE AURORAL ZONE ACCOMPANIED BY
NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY- WAVE NUMBER SPECTRA OF SEISMIC EVENTS USING LINEAR ARRAYS
A STUDY OF SOLAR RADIO BURSTS IN THE 3.4 TO 50 CM RANGE AND THEIR CORRELATION TO SCNA EVENTS FINAL REPORT JAN 1968
SIMULTANEOUS BALLOON MEASUREMENTS OF AURORAL X-RAYS DURING SLOWLY VARYING IONOSPHERIC ABSORPTION EVENTS
AFOSR68-2187
AFOSR68-0632
AFCL67-0251
AFOSR67-2540
AFOSR67-2149
AFOSR68-1144
AFOSR68-1541
AFCL67-0125
AFOSR67-1379
AFOSR67-1314
AFOSR67-1201
AFCL68-0100
AFOSR68-1336

EVIDENCE
EVIDENCE OF THE SURFACE ORIGIN OF THE 1/F NOISE
EVIDENCE FOR THERMODYNAMIC FLUCTUATIONS IN A SUPERCONDUCTOR
EVIDENCE FOR RESONANT-MODE SIDEWAYS IN ALKALI HALIDES
EVIDENCE FOR A SINGLE GROUND STATE IN THE MAGNETIC IMPURITY PROBLEM
EVIDENCE FOR THE SEAT OF THE STRAIN - PRODUCING FORCES
EVIDENCE FOR MAGMA IN THE KATHAI VOLCANIC RANGE
EVIDENCE FOR RE-REFLECTED SHOCK WAVES FROM CONVERGENT CYLINDRICAL CHANNELS
EVIDENCE FOR EXCHANGE EFFECTS IN INELASTIC SCATTERING PROCESSES FROM ANGULAR CORRELATION DATA
EVIDENCE FOR 0.74 Z ASSIGNMENT OF HYDROGEN LEVELS
EVIDENCE FOR THE EXISTENCE OF THE HYPERNUCLEUS OF LITHIUM SIX
EVIDENCE FOR THE PARTICIPATION OF THE REDUCTIVE PENTOSE PHOSPHATE CYCLE IN PHOTOREDUCTION AND THE OXYHYDROGEN REACTION
EVIDENCE FOR THE PHOTOREACTION F-F-PRIME IN CA-D CA
EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM CDS PLATELETS
EVIDENCE FOR ANTIFERROMAGNETIC EXCHANGE IN THE SPECIFIC HEAT OF CDS MN AT 4.2 DEGREES K
DIRECT EVIDENCE OF PERSISTENT CURRENT LOOPS IN HARD SUPERCONDUCTING WIRE
SEISMIC EVIDENCE FOR A NEW LAYERED STRUCTURE OF THE PARTIAL CORE
MOSSBAUER EVIDENCE FOR A SPIN-COMPENSATED STATE IN DILUTE PF-CU ALLOYS
VALIDITY OF EVIDENCE ALLEGED TO DISTINGUISH PLANAR TETRAHEDRAL AND BRIDGE RADICALS
EXPERIMENTAL EVIDENCE FOR THE ABSENCE OF QUENCHING OF SODIUM RESONANCE RADIATION BY INERT GASES
EXPERIMENTAL EVIDENCE FOR HIGHLY MOBILE ELECTRONS IN NIO AND MNO AT HIGH TEMPERATURES
UNIQUE WHISTLER EVIDENCE FOR A SECONDARY PEAK IN THE ELECTRON ENERGY SPECTRUM NEAR 10 KEV
SLEEP IN PREGNANCY EVIDENCE OF FORTAL-SLEEP CHARACTERISTICS
ELECTROPHYSIOLOGICAL EVIDENCE FOR A NEURAL STAGE IN DARK ADAPTATION
NON-ANAR CYCLODITANE EVIDENCE FOR A CONFORMATIONALLY CONTROLLED CLASSIC MECHANISM IN THE OXAMINATION OF CIS- AND
MOLECULAR PHOTOCHEMISTRY VIII EVIDENCE FOR A SINGLET-STATE COMPLEX IN THE PHOTOCYCLOADDITION OF ACETONE TO TRANS-1,2-
THE SIZE OF A LONG PAIR OF ELECTRONS EVIDENCE FOR AN AXIAL T-MUTUAL GROUP
USE OF POINT CONTRACTS TO OBTAIN DIRECT EVIDENCE OF FLUX MOTION IN SUPERCONDUCTORS
CELLA REGENERATION IN THE SEA URCHIN EVIDENCE FOR A POOL OF CILIARY PROTEINS
MODULATION OF TRANSMISSION OF OPTIC NERVE IMPULSES IN THE ALERT CAT: EVIDENCE OF PRESYNAPTIC INHIBITION OF PRIMARY
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS II EVIDENCE FOR COMPETITIVE
AFOSR67-0367
AFOSR67-0747
AFOSR67-1448
AFOSR67-1876
AFOSR67-2144
AFOSR67-2704
AFOSR68-0450
AFOSR68-1012
AFOSR68-1226
AFOSR68-1248
AFOSR68-1700
AFOSR68-1705
ARL 68-0304
ARL 68-1362
ARL 68-1463
AFOSR67-0893
AFOSR67-2115
AFOSR67-1841
AFOSR68-2909
AFOSR68-0162
ARL 68-1169
AFOSR68-2817
AFOSR67-2570
AFOSR67-2545
AFOSR68-2645
AFOSR68-1727
AFOSR67-0023
AFOSR67-1770
AFOSR67-0206
AFOSR67-0557
AFOSR67-0706

EVOKED
VISUAL EVOKED POTENTIALS AS RECORDED FROM THE SCALP AND FROM THE VISUAL CORTER BEFORE AND AFTER SURGICAL REMOVAL OF
VISUAL EVIDENCE OF SPOONERS DURING SLEEP IN MAN
RECOVERY OF EVOKED POTENTIALS IN VISUAL SYSTEM FOLLOWING INTENSE STIMULATION
LEVEL OF CONSCIOUSNESS EEG AND EVOKED POTENTIALS IN MAN /FRANCH/
ANALYTIC CHANGES OF THE EEG POTENTIAL EVOKED BY GNOSTIC STIMULI DURING SLEEP IN MAN /ITALIAN/
QUANTITATIVE ANALYSIS OF THE SPONTANEOUS AND EVOKED ACTIVITY OF THE CELLS OF THE PURKINJE /FRENCH/
BEHAVIOR OF THE SINGLE COMPONENTS OF THE VISUAL EVOKED POTENTIAL DURING SLEEP IN MAN/ITALIAN/
AFOSR67-1481
AFOSR68-0843
AFOSR67-1594
AFOSR67-0504
AFOSR67-1855
AFOSR67-2589
AFOSR67-1856

EVOKED - CONTINUED

HYPERTONIC UREA ITS EFFECTS ON CORTICAL AND SUBCORTICAL EVOKED POTENTIALS IN CAT NEUROPHYSIOLOGICAL AND NEUROPHARMACOLOGICAL STUDIES OF CORTICAL EVOKED RESPONSES FINAL REPORT JUNE 1966	AFOSR67-0722 AFOSR67-0099
EVOLUTION	
EVOLUTION OF CREATINE KINASE	AFOSR67-1462
EVOLUTION OF A COSMOLOGICAL MODEL	ARL 67-1084
THE EVOLUTION OF CRYSTAL SHAPE A COMPUTER MODEL	AFOSR68-1829
TIME EVOLUTION OF THE TOTAL DISTRIBUTION FUNCTION OF A ONE-DIMENSIONAL SYSTEM OF HARD RODS	AFOSR68-2866
ON THE EVOLUTION OF THE PROBABILITY DISTRIBUTION AND OF THE CORRELATION FUNCTIONS IN A BOGOLUBOV PLASMA	ARL 67-0103
STUDIES IN STELLAR EVOLUTION V TRANSPORT COEFFICIENTS OF DEGENERATE STELLAR MATTER	AFOSR67-1134
STUDIES IN STELLAR EVOLUTION VI EVOLUTION OF A SOLAR MASS RED GIANT WITH MASS LOSS	AFOSR68-2684
THE EFFECTS OF TIDAL FRICTION ON THE EVOLUTION OF THE MARTIAN MOON PHOTOS	ARL 68-1299
EVOLUTIONARY	
AN EVOLUTIONARY SEQUENCE FOR STRONG RADIO SOURCES	AFOSR68-1081
EVOLVING	
ON THERMODYNAMIC CONDITIONS FOR THE STABILITY OF EVOLVING SYSTEMS	AFOSR68-1641
EXACT	
EXACT INVARIANTS FOR A CLASS OF NONLINEAR WAVE EQUATIONS	AFOSR67-0325
EXACT SUM RULE FOR NUCLEON MAGNETIC MOMENTS	AFOSR67-0682
EXACT COMPUTATION OF THE VAN DER WAALS CONSTANT FOR TWO HYDROGEN ATOMS	AFOSR68-2759
EXACT NEAR FIELD SCATTERING AMPLITUDE AND EVANESCENT WAVES	AFOSR68-2862
EXACT MOMENTS AND PERCENTAGE POINTS OF THE ORDER STATISTICS AND THE DISTRIBUTION OF THE RANGE FROM THE LOGISTIC	ARL 67-0256
EXACT EQUATIONS OF MOTION FOR EXTENDED BODIES	ARL 67-1387
NONLINEAR FILTERING THE EXACT DYNAMICAL EQUATIONS SATISFIED BY THE CONDITIONAL MODE	AFOSR67-2178
SELF-ENERGY CONSIDERATIONS IN GENERAL RELATIVITY AND THE EXACT FIELDS OF CHARGE AND MASS DISTRIBUTIONS	AFOSR67-2683
EXAMINATION	
AN EXAMINATION OF THE PLAU-SCOTT AND STIZIONI TYPOLOGIES	AFOSR67-1596
AN EXAMINATION OF CERTAIN FACTORS WHICH MIGHT IN SOME AFFECT THE VASCULAR RESPONSE TO OXYTOCIN	AFOSR68-0813
COMPUTERIZED GRAPHICAL DISPLAY OF DATA FOR VISUAL EXAMINATION AND ANALYSIS IN PHYSICS RESEARCH	ARL 68-0267
EXAMINATION-66	
AIRMAN QUALIFYING EXAMINATION-66 ADMINISTERED AS A CONFIDENCE TEST	AFOSR68-2162
EXAMINATIONS	
RESULTS OF ELECTROENCEPHALOGRAPHIC EXAMINATIONS UNDER THE INFLUENCE OF VIBRATION AND CENTRIFUGING IN THE MONKEY	AFOSR67-1897
EXAMPLE	
AN EXAMPLE OF HUMAN CHESS PLAY IN THE LIGHT OF CHESS PLAYING PROGRAMS	AFOSR67-0260
AN EXAMPLE OF EXTREMAL DISCONTINUOUS SOLUTION OF A VARIATIONAL PROBLEM OF ELLIPTIC TYPE	AFOSR68-1189
A SIMPLE EXAMPLE OF AN EXPLICIT NONLINEAR WAVE PREDICTOR	AFOSR68-2261
THE KRATON ATR-SEA WAVES AN EXAMPLE OF PULSE PROPAGATION IN COUPLED SYSTEMS	AFOSR68-1433
ON THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER THEORY AN EXAMPLE	AFOSR68-2053
AN APPROACH TO RADIATION SOURCE DESIGN FOR MILITARY APPLICATION UTILIZING THE WALL-STABILIZED ARC AS AN EXAMPLE FINAL	ARL 67-0179
EXAMPLES	
EXAMPLES OF DIFFERENTIAL TOPOLOGY WITH SINGULARITIES (GERHARD)	AFOSR67-0116
ORFEL-HEARN-GERASIMOV SUM RULE EXAMPLES AND COUNTEREXAMPLES	AFOSR68-0138
EXCEEDANCES	
EXCEEDANCES OF STRUCTURAL INTERACTION BOUNDARIES FOR RANDOM EXCITATION	AFOSR68-0032
EXCEPTIONAL	
EXCEPTIONAL BOUNDARY POINTS FOR THE NONDIVERGENCE EQUATION WHICH ARE REGULAR FOR THE LAPLACE EQUATION - AND VICE-VERSA	AFOSR68-2861
EXCESS	
PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM THE EFFECT OF PRESSURE ON THE PROPERTIES OF THE NEGATIVE ION	AFOSR68-0111
LIQUID DENSITY AND EXCESS VOLUME OF LIGHT HYDROCARBON MIXTURES AT -165 DEGREES CENTIGRADE	AFOSR68-2130
SPATIAL DISTRIBUTION OF EXCESS CARRIERS IN ELECTRON-BEAM EXCITED SEMICONDUCTORS	AFOSR67-1657
ANALYSIS OF THERMODYNAMIC EXCESS PROPERTIES OF LIQUID MIXTURES OF ARGON AND KRYPTON	AFOSR68-1153
DISTRIBUTION AND EXCHANGE OF EXCESS VIBRATIONAL ENERGY PRODUCED IN THE PHOTOLYSIS OF 2,3-DIAZABICYCLO[2.2.1]	AFOSR68-1908
THEORY OF OPTICAL PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM	AFOSR68-1732
EXCHANGE	
EXCHANGE TORQUE POWER AND MOMENTUM FLOW AND STRESS IN A RIGID FERRIMAGNET	AFOSR67-0255
EXCHANGE ENERGY STRESS AND MOMENTUM IN A RIGID FERRIMAGNET	AFOSR67-0662
EXCHANGE COUPLING AND CONDUCTION-ELECTRON POLARIZATION IN METALS	AFOSR67-0596
EXCHANGE POTENTIAL FOR NEARLY FREE ELECTRONS	ARL 67-0175
EXCHANGE APPROXIMATIONS IN ENERGY BAND CALCULATIONS	ARL 68-1428
AND EXCHANGE DAMPING OF FERROMAGNETIC RESONANCE	AFOSR68-0560
CHARGE EXCHANGE PROCESSES FINAL REPORT AUG 1967	AFOSR68-0076
RATES OF EXCHANGE OF SOLVENT MOLECULES WITH PARAMAGNETIC IONS FINAL REPORT FEB 1967	AFOSR67-0663
RATES OF EXCHANGE OF SOLVENT MOLECULES WITH PARAMAGNETIC IONS FINAL REPORT OCT 1967	AFOSR67-2387
STUDY OF EXCHANGE APPROXIMATION IN OPTIC BAND CALCULATIONS FOR ZINC-BLENDE II-VI COMPOUNDS	ARL 68-1456
USE OF NEON EXCHANGE GAS FOR DECOOLING 3HELIUM CRYOSTATS	AFOSR67-1709
ACETONITRILE EXCHANGE RATES IN SOLUTIONS OF NICKEL(II) IONS BY NUCLEAR MAGNETIC RESONANCE	AFOSR67-1687
THE ONE PHON EXCHANGE CONTRIBUTION TO THE WEAK PARITY VIOLATING NUCLEON-NUCLEON POTENTIAL	AFOSR68-0569
EVIDENCE FOR EXCHANGE EFFECTS IN INELASTIC SCATTERING PROCESSES FROM ANGULAR CORRELATION DATA	AFOSR68-1012
INFLUENCE OF EXCHANGE ON THE STATIC POLARIZATION OF AN ELECTRON GAS	ARL 68-0092
ASYMMETRIC EXCHANGE	AFOSR68-1841
SU(2) SYMMETRY EXCHANGE DEGENERACY AND LORENTZ-POLE CLASSIFICATION OF CONSPIRATOR FAMILIES	AFOSR68-1483
THE PRINCIPLE OF EXCHANGE OF STABILITIES II THE ONSET OF CONVECTION IN THE PRESENCE OF ROTATION	AFOSR67-2554
DISTRIBUTION AND EXCHANGE OF EXCESS VIBRATIONAL ENERGY PRODUCED IN THE PHOTOLYSIS OF 2,3-DIAZABICYCLO[2.2.1]	AFOSR68-1908
ENHANCED EFFECTIVE EXCHANGE INTERACTION DUE TO LOCALIZED SPINS IN DILUTE ALLOYS AND RARE EARTH METALS	AFOSR68-1023
WAVE CONSTANTS FOR CHARGE EXCHANGE INVOLVING QUASITHERMAL IONS AND NITRIC OXIDE	ARL 68-0095
THE RANGE OF FERROMAGNETIC EXCHANGE INTERACTIONS	AFOSR68-0020
MULTIDENTATE LIGAND KINETICS I EXCHANGE REACTIONS OF METAL /II/---CYCLOHEXYLENEDIAMINETETRAACETATE COMPLEXES	AFOSR67-0713
NEW APPROXIMATION FOR SCREENED EXCHANGE AND THE DIELECTRIC CONSTANT OF METALS	AFOSR67-2425
EVIDENCE FOR ANTIFERROMAGNETIC EXCHANGE IN THE SPECIFIC HEAT OF CO2 HN AT 4.2 DEGREES K	ARL 68-1463
LONG-RANGE FORCES FROM NEUTRINO-PAIR EXCHANGE	AFOSR68-0074

A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE REACTIONS IN THE SYSTEM BORON TRIFLUORIDE-METHANOL A MODIFIED
NEW COMPARISON OF THE ANDERSON AND 9-0 EXCHANGE MODELS
THE HYDRATION NUMBER AND RATE OF WATER EXCHANGE OF THE TRIMETHYLPLATINUM $\text{Pt}(\text{CH}_3)_3^+$ ION IN AQUEOUS SOLUTION DETERMINED BY
MAGNETIC MOMENT OF PD TO 150 KG LIMITS OF EXCHANGE ENHANCEMENT IN PD
NUCLEOPHILIC DISPLACEMENTS AT SULFUR III THE EXCHANGE OF OXYGEN-18 BETWEEN SODIUM THIOSULFATE-0-18 AND WATER
LOW-TEMPERATURE RESISTIVITY AND THE SIGN OF THE EXCHANGE INTEGRAL
ELECTRICAL RESISTIVITY OF DILUTE PPMI ALLOYS LOCAL EXCHANGE ENHANCEMENT EFFECTS
COMMENTS ON THE INFLUENCE OF INTERMEDIATE EXCITATIONS AND EXCHANGE FORCES ON THE INTERACTION IN MOLECULAR CRYSTALS THE
CARBON-13 HYPERCONJUGATION IN METALLOPENTHENE HYDROGEN EXCHANGE IN PHENYLPERFEROCENE
MICROANALYTICAL NEGATIVE HELIUM IONS USING POTASSIUM VAPOR EXCHANGE
SINGLE-TO-TOLENT FORMULATION FOR DILUTE MAGNETIC ALLOYS I 8-0 EXCHANGE MODEL
TABLE OF HARTREE-FOCK SELF-CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT III FINAL REPORT JAN 1967
TABLE OF HARTREE-FOCK SELF-CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT IV FINAL REPORT FEB 1968
THE EFFECT OF DIFFERENT SURFACE BARRIER MODELS ON THE HOTTINGHAM ENERGY EXCHANGE PROCESS
SOLVENT EFFECTS ON THE ARNON-FLUORINE COUPLING CONSTANT AND ON FLUORINE EXCHANGE IN THE TETRAFLUOROBORATE ANION
SELF-CONSISTENT DFT CALCULATION OF GRAS USING BOTH SLATER AND Kohn-Sham APPROXIMATIONS FOR THE EXCHANGE POTENTIAL

EXCHANGE-DOMINATED

VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS WITH EXCHANGE-DOMINATED COLLISION

EXCHANGE-SCATTERING

SOLUTION OF THE EXCHANGE-SCATTERING PROBLEM WITHOUT INADMISSIBLE COMPLEX POLES

EXCHANGER

HIGH PRESSURE HEAT EXCHANGER

EXCIPTER

ON THE INTENSITY DISTRIBUTION OF EXCIPTER EMISSION

EXCITABILITY

EXCITABILITY CHANGES ALONG VISUAL PATHWAYS DURING EYE TRACKING MOVEMENTS
THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE NUCLEUS AFTER STIMULATION OF VISUAL CORTX
RELATIONSHIP BETWEEN CORTICAL ACTIVITY AND THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE BODY

EXCITABLE

PROPERTIES OF ELECTRICALLY EXCITABLE MEMBRANES FINAL REPORT NOV 1967
GENESIS OF ACTION POTENTIALS IN EXCITABLE TISSUES FINAL REPORT MAY 1967

EXCITATION

EXCITATION OF WAVES IN HOT-PLASMA WAVEGUIDES WITH INFINITE MAGNETOSTATIC FIELDS
EXCITATION OF SURFACE WAVES BY EVENTS IN SOUTHERN ALGERIA
EXCITATION OF THE 4P STATES OF HELIUM
EXCITATION OF MANTLE RAYLEIGH WAVES OF PERIOD 100 SECONDS AS A FUNCTION OF MAGNITUDE
THE EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT NOV 1966
OPTICAL EXCITATION OF TRANSITION-METAL IONS VIA INTRAMOLECULAR ENERGY TRANSFER
A PULSE EXCITATION METHOD OF DETERMINING NANOSECOND FLUORESCENT LIFETIMES
ELECTRON EXCITATION FUNCTIONS OF MERCURY
TRANSIENT EXCITATION OF ROUNDED COLD MAGNETI-PLASMA
INELASTIC EXCITATION TRANSFER IN HELIUM
SELECTIVE EXCITATION SPECTROSCOPY FINAL REPORT JULY 1968
PARAMETRIC EXCITATION OF A NON-HOMOGENEOUS HEMMOULI-EULER AFAM
COLLISIONAL EXCITATION TRANSFER TO THE 4 D STATE IN HELIUM BY MULTIPLE STATE MECHANISM
COLLISIONAL EXCITATION TRANSFER BETWEEN THE 2P $_{1/2}$ AND 2D $_{3/2}$ LEVELS IN ALKALI ATOMS
TRANSFER OF EXCITATION IN SOLUTION
RATE OF THE EXCITATION ENERGY IN THE QUENCHING OF FLUORESCENCE BY CONJUGATED DIENES
ELASTIC WAVE EXCITATION IN PIEZOELECTRIC SLABS
DURANT IONIZED EXCITATION IN HE AND HE
VIRTUAL COULOMB EXCITATION IN NUCLEON TRANSFER
DIRECT ELECTRON EXCITATION CROSS SECTIONS PERTINENT TO THE ARGON ION LASER
NON-WHITE RANDOM EXCITATION OF NONLINEAR SYSTEMS
MODEL FOR ELECTRON EXCITATION OF THE NUCLEON
LIGHT SOURCES FOR THE EXCITATION OF ATOMIC RESONANCE FLUORESCENCE IN CESIUM AND SODIUM
RESEARCH DIRECTED TOWARD EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT AUG 1968
DETERMINATION OF OPTICAL EXCITATION CROSS SECTIONS IN ATOMIC COLLISIONS FINAL REPORT FEB 1967
A STUDY OF PROPOSED NEUTRAL EXCITATION BY INTERACTION OF ULTRASONIC AND ELECTROMAGNETIC ENERGY
EXCITED-STATE WAVEFUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS IN SELENIUM
EXCITED-STATE WAVEFUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS FOR KRYPTON AND XENON
USE OF A CONTINUOUS SOURCE OF EXCITATION AN ARGON-HYDROGEN- AIR PLANE AND AN EXTENDED PLANE CELL FOR ATOMIC ABSORPTION
REARRANGEMENT COLLISIONS II ELECTRON EXCITATION OF He^+ SUPER 1P
NEURONS OF THE MEDIAL Diencephalon II EXCITATION OF CENTRAL ORIGIN
POLARIZATION OF LIGHT EMITTED FROM THE EXCITATION OF H SUB 2 BY ELECTRON IMPACT
OSCILLATIONS IN EXCITON EMISSION IN THE EXCITATION SPECTRA OF ZNSE AND COS
NEUROPHARMACOLOGICAL STUDIES AND POSTULATES ON EXCITATION AND DEPRESSION IN THE CENTRAL NERVOUS SYSTEM
LOCALIZED DIAGNOSTIC POSSIBILITIES OF SELECTIVE EXCITATION SPECTROSCOPY
ON DYNAMICAL SYSTEMS WITH HIGH FREQUENCY PARAMETRIC EXCITATION
INTERACTION OF ANTHRACENE AND DIACETYL AT DIFFERENT EXCITATION WAVELENGTHS
PLANE WAVE PROPAGATION IN THE HALF SPACE WITH RANDOM EXCITATION AND COUPLING BETWEEN STRESS AND TEMPERATURE FIELD
EXPERIENCES OF STRUCTURAL INTERACTION BOUNDARIES FOR RANDOM EXCITATION
PERIPHERAL INVESTIGATION OF ELECTRODELESS DISCHARGE LAMPS AS EXCITATION SOURCES FOR ATOMIC FLUORESCENCE PLANE
ABSOLUTE MEASUREMENTS OF THE 2 SUPER 1 P AND 2 SUPER 3 P ELECTRON EXCITATION CROSS SECTIONS OF HELIUM ATOMS
VELOCITY DISTRIBUTION OF HYDROGEN ATOMS PRODUCED BY DISSOCIATIVE EXCITATION OF H SUB 2
DYNAMIC STABILITY OF A DENDRULUM UNDER COEXISTENCE OF PARAMETRIC AND FORCED EXCITATION
MEASUREMENT OF DIFFUSION LENGTHS IN DIRECT-GAP SEMICONDUCTORS BY ELECTRON-BEAM EXCITATION

EXCITATIONS

ELEMENTARY EXCITATIONS IN PI-ELECTRON MOLECULES
DECOUPLED MONOPULSE EXCITATIONS FOR MAXIMUM GAIN WITH ARBITRARY SIDELobe CONSTRAINTS
LINE SOURCE APERTURE MONOPULSE EXCITATIONS FINAL REPORT APR 1968
THEORY OF INTERACTING ELEMENTARY EXCITATIONS IN SOLIDS FINAL REPORT JUNE 1968
ON THE RESPONSE OF SHALLOW THIN SHELLS TO RANDOM EXCITATIONS
HIGHER-ORDER CORRECTIONS TO COLLECTIVE PARTICLE-HOLE EXCITATIONS USING GREEN FUNCTION TECHNIQUES
PROPERTIES OF THE 1/3-DIMENSIONAL SUPER MULTIPLETS OF NEGATIVE-PARITY EXCITATIONS OF OXYGEN 16 USING REALISTIC

EXCITED

EXCITED STATES OF Ba^{136}
EXCITED STATES WITH COLLECTIVE PROPERTIES IN LIGHT NUCLEI FINAL REPORT APRIL 1968
EXCITED STATES OF BOUND EXCITON COMPLEXES IN CDS

EXCITED SINGLET ABSORPTION IN 1,2-BENZANTHRACENE BY THE USE OF NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY
LOW-LYING EXCITED TRIplet STATES AND INTERSYSTEM CROSSING IN AROMATIC HYDROCARBONS
ON THE FIRST EXCITED STATE OF NO SUPPER PLUS
FORMATION OF EXCITED MOLECULAR STATES IN THE POSITIVE COLUMN OF A HELIUM DISCHARGE
QUENCHING OF EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS BY CONJUGATED DIENES
EMISSION FROM EXCITED TERMINAL STATES OF RIGID EXCITON COMPLEXES
INVESTIGATION OF EXCITED STATES OF SUPPER 3 / WITH THE SI SUPPER 30/P. /P SUPPER 31 REACTION
INVESTIGATIONS OF EXCITED STATES OF IMPURITY CENTERS BY ELASTIC AND ELECTRIC FIELDS
PROPERTIES OF SOME EXCITED STATES IN CISUPPER33 REACTION
LIFETIME OF THE FIRST EXCITED ATOMIC STATES OF URANIUM AT ATOM
DE-EXCITATION RATES OF EXCITED ELECTRONIC STATES IN SOLIDS
PHOTOCATALYTICITY OF UV EXCITED DIAMONDS
THE REACTION OF MOLECULES IN EXCITED ELECTRONIC STATES WITH PARAMAGNETIC GASES FINAL REPORT FEB 1967
INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES I SENSITIZED FLUORESCENCE AND QUENCHING IN CS- H2O
INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES II THE QUENCHING OF SODIUM FLUORESCENCE RADIATION BY H
SPIN DEGENERACY IN THE TWO METHOD EXCITED STATES OF THE BENZENE MOLECULE
ZERMAN SPLITTING OF RIGID EXCITON EXCITED STATES IN COS
CONJUGATED DIENES AS QUENCHERS FOR EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS
THE FLUORESCENCE OF AIR AND NITROGEN EXCITED BY ENERGETIC ELECTRONS FINAL REPORT JAN 1968
ENERGY DISTRIBUTION IN ELECTRONICALLY EXCITED CH AND CARBON IN LOW PRESSURE HYDROCARBON FLAMES
SOME ASPECTS OF ENERGY DEGRADATION OF EXCITED MOLECULES
CONCENTRATED FLUORESCENCE FROM ZINC SULFIDE EXCITED BY TWO-PHOTON ABSORPTION
THEORETICAL SEISMOGRAMS OF TORSIONAL DISTURBANCES EXCITED AT A FOCUS WITHIN A HETEROGENEOUS SPHERICAL EARTH - CASE OF
NATURE AND OPTIMIZATION OF THE GROUND-LATERAL-WAVE EXCITED BY SUBMERGED ANTENNAS
A METHOD OF DETERMINING ANGULAR MOMENTA OF NUCLEAR EXCITED STATES
MOLECULAR ORBITAL STUDIES OF THE GROUND AND LOW-LYING EXCITED STATES OF THE HELIUM HYDRIDE MOLECULAR ION
SPATIAL DISTRIBUTION OF EXCESS CARRIERS IN ELECTRON-HEAT EXCITED SEMICONDUCTORS
RESEARCH DIRECTED TOWARD THE STUDY OF CHEMICAL REACTIONS OF EXCITED ATMOSPHERIC SPECIES FINAL REPORT JUNE 1968
INTERMEDIATE EXCITONS IN MOLECULAR CRYSTALS A STUDY OF THE EXCITED STATES OF CRYSTALLINE IODINE
SCALING AND CALCULATIONS ON THE HYDROGEN MOLECULE I THE TRIPLET EXCITED STATE
LASER PHOTOLYSIS AND SPECTROSCOPY IN THE NANOSECOND TIME RANGE EXCITED SINGLET STATE ABSORPTION IN CORONENE
SOME OBSERVATIONS CONCERNING THE SUPERMULTIPLY OF NEGATIVE-PARITY EXCITED STATES IN THE ALPHA PARTICLE
MEASUREMENT OF THE QUANTUM-ELECTRODYNAMIC LEVEL SHIFT IN THE /THIRD EXCITED STATE OF SINGLY IONIZED HELIUM/
ABSOLUTE MEASUREMENT OF INELASTIC COLLISION CROSS SECTIONS FOR VIBRONIC EXCITED STATES

APL 6A-0328
ARL 67-1089
AFCL68-0074
AFOSR67-0532
AFOSR68-0036
ARL 68-1370
ARL 68-0009
ARL 67-1299
ARL 67-1036
AFOSR68-2108
AFOSR67-2775
AFCL67-0134
AFOSR67-0290
AFOSR67-1144
AFOSR67-2679
AFOSR68-2669
ARL 67-1247
AFOSR67-0109
AFCL67-0277
AFOSR68-1577
AFOSR68-2670
AFOSR68-2116
AFOSR68-1429
AFOSR67-1862
ARL 67-1248
AFOSR68-2080
AFOSR67-1637
AFCL68-0066
AFOSR67-2448
AFOSR68-2281
ARL 68-0144
AFOSR67-0577
AFOSR67-1227
AFOSR68-0045

EXCITED-STATE

EXCITED-STATE WAVE FUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS FOR KRYPTON AND XENON
EXCITED-STATE WAVEFUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS IN SELENIUM

AFOSR67-0745
AFOSR68-1561

EXCITON

EXCITON STRUCTURE AND MAGNETO-OPTICAL EFFECTS IN ZINC SULFIDE
EXCITON PROPERTIES OF II-VI MATERIALS
EXCITON EMISSION INTENSITY OSCILLATIONS IN ZNS AND COS
ROLE OF EXCITON DISPERSION AND EXCITON-MAGNON INTERACTIONS ON THE SHAPE OF MAGNON SIDEBANDS IN STRESSED MANGANESE
SPLITTING OF EXCITON LINES IN WURTZITE-TYPE II-VI CRYSTALS BY UNIAXIAL STRESS
OSCILLATIONS IN EXCITON EMISSION IN THE EXCITATION SPECTRA OF ZNS AND COS
EXCITED STATES OF RIGID EXCITON COMPLEXES IN COS
ZERMAN SPLITTING OF RIGID EXCITON EXCITED STATES IN COS
SHORT WAVELENGTH IMPURITY EXCITON TRANSITIONS IN COS AT 1.2 DEGREES K
THE THERMAL BROADENING OF EXCITON LEVELS IN II-VI COMPOUND SEMICONDUCTORS
STRAIN-INDUCED SPLITTING OF EXCITON LINES IN WURTZITE TYPE II-VI CRYSTALS
STRAIN-INDUCED SPLITTING OF EXCITON LINES IN WURTZITE TYPE II-VI CRYSTALS
EFFECTS OF AXIAL STRESS ON THE EXCITON LEVELS IN WURTZITE II-VI COMPOUNDS
EFFECT OF UNIAXIAL STRESS ON THE EXCITON SPECTRUM OF ZINCBLONDE-TYPE ZNS AND ZNS
BAND STRUCTURE DEFORMATION POTENTIALS AND EXCITON STATES IN SOLID XENON
EXCITON FROM EXCITED TERMINAL STATES OF RIGID EXCITON COMPLEXES

AFOSR67-1762
ARL 67-1307
ARL 68-0230
AFOSR68-1453
ARL 68-0059
ARL 68-0246
ARL 68-0229
ARL 67-1287
ARL 67-1288
ARL 68-1352
ARL 68-0306
ARL 68-1464
ARL 68-1375
ARL 68-1477
AFOSR67-2764
ARL 68-1170

EXCITON-IMPURITY

THEORY OF EXCITON-IMPURITY COMPLEXES
THEORY OF EXCITON-IMPURITY COMPLEXES

ARL 68-1059
ARL 68-1355

EXCITON-MAGNON

ROLE OF EXCITON DISPERSION AND EXCITON-MAGNON INTERACTIONS ON THE SHAPE OF MAGNON SIDEBANDS IN STRESSED MANGANESE

AFOSR68-1453

EXCITON-NIVEAU

DIE WIRKUNG AXIALEN DRUCKES AUF EXCITON-NIVEAUS IN II-VI VERBINDUNGEN MIT WURTZITE STRUKTUR

ARL 68-1351

EXCITONS

EXCITONS AND THE OPTICAL PROPERTIES OF THE ALKALI HALIDES / ABSTRACT ONLY/
EXCITONS AND PLASMONS IN INSULATORS
EXCITONS IN II-VI MATERIALS
EXCITONS IN II-VI COMPOUNDS
THEORY OF EXCITONS IN LIQUIDS III NON-RESONANT BROADENING OF IMPURITY SPECTRA IN SIMPLE LIQUIDS
THEORY OF EXCITONS IN LIQUIDS IV A SIMPLIFIED TREATMENT OF THE SHIFT AND DAMPING OF POLARIZATION WAVES
ON THE THEORY OF EXCITONS IN LIQUIDS II A CLASSICAL MODEL OF POLARIZATION WAVES IN A SIMPLE LIQUID
SPIN WAVE SIDEBANDS OF LOCALIZED EXCITONS
OPTICAL STUDIES OF LOCALIZED MAGNONS AND EXCITONS
COMMENTS ON THE INFLUENCE OF INTERMEDIATE EXCITONS AND EXCHANGE FORCES ON THE INTERACTION IN MOLECULAR CRYSTALS THE
SOME COMMENTS ON THE PROPERTIES OF TRIPLET EXCITONS IN MOLECULAR CRYSTALS

AFOSR67-1366
AFOSR68-1523
ARL 67-1314
ARL 68-1303
AFOSR68-0028
AFOSR68-1977
AFOSR67-2187
AFOSR68-0085
AFOSR68-0082
AFOSR67-2164
AFOSR68-0430

EXCLUDED

TREATMENT OF THE EFFECT OF EXCLUDED VOLUME AND DEDUCTION OF UNPERTURBED DIMENSIONS OF POLYMER CHAINS CONFIGURATIONAL

AFOSR67-0240

EXCRETION

CATECHOLAMINE EXCRETION IN ADJUVANT-DEMYELINATED RATS EXPOSED TO COLD AFTER CHRONIC GUANETHIDINE TREATMENT
PERSONALITY CORRELATES OF CATECHOLAMINE EXCRETION UNDER STRESS
THE EFFECT OF COLD EXPOSURE ON THE CATECHOLAMINE EXCRETION OF RATS TREATED WITH DECABORANE

AFOSR67-0501
AFOSR68-2166
AFOSR67-0402

EXECUTION

STUDY OF A COMPUTER FOR DIRECT EXECUTION OF LIST PROCESSING LANGUAGE FINAL REPORT JAN 1968

AFCL68-3063

EXECUTIVE

DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES TIME-SHARING INPUT-OUTPUT EXECUTIVE /10K/

AFCL68-3111

EXHAUST

IMPAIRED RADIATION AND SUPPRESSION FROM THE EXHAUST PLUME OF JET AIRCRAFT DURING AFTERBURNER OPERATION
A STUDY OF IMPAIRED RADIATION AND ITS SUPPRESSION FROM THE EXHAUST PLUMES OF JET AIRCRAFT DURING AFTERBURNER

ARL 68-1433
ARL 68-1301

EXHAUSTS

AN INVESTIGATION OF METHODS OF PRODUCING SULFUR TRIOXIDE IN JET EXHAUSTS THROUGH ADDITION OF FUEL ADDITIVES TO JP4

AFCL68-0257

EXISTENCE

EXISTENCE OF ENTROPY AS A CONSEQUENCE OF ASYMPTOTIC STABILITY
EXISTENCE OF N AND D HARRICES
EXISTENCE AND NONEXISTENCE IN THE LARGE OF SOLUTIONS OF QUASILINEAR WAVE EQUATIONS
EXISTENCE THEOREMS FOR MULTIDIMENSIONAL LAGRANGE PROBLEMS
EXISTENCE THEOREMS FOR LAGRANGE AND HOMOGENEOUS PROBLEMS OF THE CALCULUS OF VARIATIONS AND OPTIMAL CONTROL
EXISTENCE THEOREMS FOR MULTIDIMENSIONAL PROBLEMS OF OPTIMAL CONTROL
EXISTENCE OF SOLUTIONS OF CROSSING-SYMMETRIC N/D EQUATIONS
EXISTENCE AND UNIQUENESS OF RECTANGULAR SOLUTIONS OF THE PROBLEM
AN EXISTENCE THEOREM FOR THE VON KARMAN EQUATION
THE EXISTENCE THEOREMS FOR LINEAR OPTIMAL CONTROL PROBLEMS
ON THE EXISTENCE OF SOLUTIONS TO CERTAIN SMOOTHER-WAVE MODELS FINAL REPORT MAR 1968
ON THE EXISTENCE OF NON-TANGENTIAL LIMITS OF SUBHARMONIC FUNCTIONS
ON THE EXISTENCE OF SOLUTIONS TO A DIFFERENTIAL GAME
ON THE EXISTENCE, UNIQUENESS AND STABILITY OF SOLUTIONS OF A THIRD ORDER PARTIAL DIFFERENTIAL EQUATION
GLOBAL EXISTENCE OF SPIN STRUCTURES FOR GRAVITATIONAL FIELDS
NOTE ON THE EXISTENCE OF THE TETRAPOLE
EVIDENCE FOR THE EXISTENCE OF THE HYPERNUCLEUS OF LITHIUM SIX
SHORT COMMENTS ON EXISTENCE AND UNIQUENESS THEOREMS IN APPLIED MATHEMATICS WITH AN APPLICATION TO THEIR
NOTES ON THE EXISTENCE AND GENERALIZATIONS OF EXISTENCE OF CONSERVATION LAWS AND CONSTANTS OF MOTION

AFOSR67-2154
AFOSR68-0249
AFOSR68-0916
AFOSR68-1916
AFOSR68-1931
AFOSR68-2149
AFOSR68-2216
AFOSR68-2544
AFOSR68-2651
AFOSR67-2426
AFCL68-0222
AFOSR67-1356
AFOSR68-0072
AFOSR68-1181
AFOSR68-2264
AFOSR67-2195
AFOSR68-1246
AFOSR68-1374
AFOSR68-2381

EXISTING

COMPREHENSIVE FORMALISM FOR NUCLEAR REACTION PROBLEMS I DERIVATION OF EXISTING REACTION THEOREMS

AFOSR67-0449

EXITATION

STUDY OF TRAPPING PROPERTIES AND IN EXITATION OF LINE SULPHIDE

ARL 67-1298

EXCISE

REMARKABLE ADREMPHIC NERVES IN THE EXCISE PANCREAS

AFOSR68-1016

EXOSPHERE

THE ELECTRIC FIELD IN THE SOLAR CORONAL EXOSPHERE AND THE SOLAR WIND

AFCL68-0506

EXPANDING

EXPANDING THE CONSCIOUSNESS OF THE AEROLASTICIAN
CONDENSATION IN A RAPIDLY EXPANDING MIXED VAPOR-LIQUID GAS MIXTURE FINAL REPORT APRIL 1967
VIBRATIONAL RELAXATION IN EXPANDING FLOWS
VIBRATIONAL RELAXATION IN EXPANDING PLASMA FLOWS
ROTATIONAL TEMPERATURE MEASUREMENT OF THE PLASMA EXPANDING FROM A LOW DENSITY SOLID ORIFICE

AFOSR68-0925
ARL 67-0071
ARL 67-1227
ARL 67-1233
AFOSR67-0335

EXPANSION

EXPANSION OF UNIFORM GAS CLOUDS INTO A VACUUM
EXPANSION GENERAL RELATIVITY PROBLEMS OF ABSTRACT ALGEBRA FINAL JUNE 1967
MODEL OF EVALUATION OF SCATTERED CARBON POTENTIALS HELIUM/SOLID HARMONICS AND THEIR ADDITION THEOREMS
THERMAL EXPANSION OF ZnS FROM 2° TO 317° DEGREES
THERMAL EXPANSION OF COKE FROM 2° TO 317° DEGREES
THERMAL EXPANSION AND STABILITY OF COAL FLAME
THE THERMAL EXPANSION OF SOLIDS
THERMAL IN RING EXPANSION FINAL REPORT DEC 1966
FUNCTIONAL LAGRANGE EXPANSION IN STATE SPACE AND THE S-DOMAIN
ON TEMPERATURE THERMAL EXPANSION OF SURTITE-PHASES OF 11 0-VI 6 COMPOUNDS PART I THERMAL EXPANSION OF ZnS SURTITE
ON TEMPERATURE THERMAL EXPANSION OF SURTITE-PHASES OF 11 0-VI 6 COMPOUNDS - PART II THERMAL EXPANSION OF ZnS
ON TEMPERATURE THERMAL EXPANSION OF SURTITE-PHASES OF 11 0-VI 6 COMPOUNDS - PART II THERMAL EXPANSION OF COSE
CONSEQUENCE OF THE STRIPS EXPANSION FOR THE THOMAS-FRANK PLUNCTION
A NOVEL PHOTOINDUCED RING EXPANSION OF 1-1-DIETHYL-2-IMIDAZOL-5-BENZOYLAZETIDINE
MUTUAL MECHANICAL CONTRACTION AND EXPANSION OF CERTAIN LIE ALGEBRAS
VON 2° TO 317° AND THE TWO-CARBON EXPANSION PROBLEM
ON THE COEFFICIENTS OF A BIPERMEAL EXPANSION FOR THE LIKELIHOOD FUNCTION OF A CONTINUOUS MULTINGALE
EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF THE EXPANSION FLOW FIELD OVER A DELTA WING AT HYPERSONIC SPEEDS FINAL
ON TEMPERATURE THERMAL EXPANSION OF SURTITE-PHASES OF 11 0-VI 6 COMPOUNDS PART I THERMAL EXPANSION OF ZnS SURTITE

AFOSR67-1256
ARL 67-0122
AFOSR67-1243
ARL 67-0246
ARL 68-1404
AFOSR68-2618
ARL 68-1356
AFOSR67-0036
AFOSR67-1706
ARL 67-0123
ARL 68-0183
ARL 68-0197
AFOSR67-1717
AFOSR67-2628
AFOSR67-0550
AFOSR67-0782
AFOSR67-1556
ARL 68-0027
ARL 67-0123

EXPANSIONS

EXPANSIONS IN TERMS OF THE HOMOGENEOUS SOLUTIONS OF THE HEAT EQUATION
EXACT EXPANSIONS FOR THE INCOMPLETE GAMMA FUNCTION AND ITS DERIVATIVES
CONJUGATE EXPANSIONS
UNIFORM ASYMPTOTIC EXPANSIONS OF INTEGRALS WITH STATIONARY POINT NEAR ALGEBRAIC SINGULARITY
PERTURBATION THEORY EXPANSIONS THROUGH 20TH ORDER OF MASS POLARIZATION CORRECTION RELATIVISTIC EFFECTS & LAMB SHIFT OF
KINETIC EQUATIONS AND DENSITY EXPANSIONS EXACTLY SOLVABLE ONE-DIMENSIONAL SYSTEM
ON THE CONVERGENCE PROPERTIES OF THE 1/2 EXPANSIONS AS FURNISHED BY VARIATIONAL PERTURBATION THEORY CALCULATIONS
DYNAMICAL PROPERTIES OF TRUNCATED HEPNER-HERMITE EXPANSIONS
STATISTICAL MECHANICS OF FINITE SYSTEMS ASYMPTOTIC EXPANSIONS I TWO PETIT CANONICAL ENSEMBLES- N & T AND N & P & T
RELATION BETWEEN THE BIPERMEAL-PROBLEM AND MICHAEL CLUSTER EXPANSIONS
STATISTICAL DESCRIPTION OF A CLASS OF NUMERICAL CHANNELS USING EXPANSIONS BASED ON THE LOGNORMAL DISTRIBUTION
STRUCTURE OF LIQUIDS VI SOME CHARACTERISTICS OF FIRST-ORDER DENSITY EXPANSIONS OF RADIAL DISTRIBUTION DIRECT
EVALUATION OF BENDROFF 1275 AS COMPOSITE OF REGULARIZED PERTURBATIVE EXPANSIONS IN A FIELD-THEORETICAL MODEL

AFOSR68-1972
ARL 67-1267
ARL 67-0200
AFOSR67-1626
AFOSR67-1693
AFOSR67-1767
AFOSR68-1693
AFOSR68-0829
AFOSR67-1152
AFOSR68-1009
AFCL67-0432
AFOSR67-2576
AFOSR67-0592

EXPERIMENT

USE OF INFLUENCE OF THE HOMOGENEOUS THEOREMS TO OBTAIN ANHARMONIC VIBRATION-ROTATION EXPECTATION VALUES AND THEIR

AFOSR67-0260

EXPERIMENTAL

ELECTROHYDRODYNAMIC PUMP OPERATIONS: THEORY AND PRACTICES

ARL 67-1079

EXPERIMENTAL

EXPERIMENTAL INVESTIGATION OF A LOW-TEMPERATURE REPERMUTABLE GAS CYLINDER FOR USE WITH HELIUM FINAL REPORT DEC 1967

AFCL67-0676

EXPERIMENTAL

EXPERIMENTAL AND THEORETICAL STUDY OF A NOVEL PROCEEDINGS OF THE FRONT INTERNATIONAL INTERDISCIPLINARY CONFERENCE ON

AFOSR68-2108

EXPERIENCE - CONTINUED

THE EFFECTS OF DIFFERENTIAL EARLY EXPERIENCE UPON LEARNING, PERFORMANCE, AND BIOCHEMICAL RESPONSE OF NONHUMAN
A FURTHER ATTEMPT TO MODIFY HYPNOTIC SUSCEPTIBILITY THROUGH REPEATED INDIVIDUALIZED EXPERIENCE

ARL 67-0010
AFOSR67-2720

EXPERIMENT

EXPERIMENT IN CRYOGENICS FOR THE UNDERGRADUATE
AN EXPERIMENT IN NUMERICAL PREDICTION IN EQUATORIAL LATITUDES
AN EXPERIMENT CONCERNING THE EVAPORATION AND CONDENSATION OF PLATINUM AT HIGH TEMPERATURES
AN EXPERIMENT WITH PARTICLES IN A FREE VORTEX
AN ORAL EXPERIMENT ON RETRIEVAL DIALOGUE
THEORY VS EXPERIMENT FOR FINITE AMPLITUDE STRESS WAVES
A WRITTEN EXPERIMENT OF RETRIEVAL DIALOGUE
RESULTS OF AN EXPERIMENT CONCERNING THE FADING-PATTERN
A PROPAGATION EXPERIMENT FOR MEASURING ELECTRON DENSITY IN THE D-REGION OF THE IONOSPHERE
INTERFEROMETER EXPERIMENT WITH INDEPENDENT LOCAL OSCILLATORS
CERENKOV LIGHT EXPERIMENT BOLIVIAN AIR SHOWER JOINT EXPERIMENT FINAL REPORT JAN 1968
POINT-TO-LUNAR EXPERIMENT FINAL REPORT AUG 1968
DESCRIPTION OF AN EXPERIMENT INVESTIGATING THERMAL RELATIONSHIPS AS INTERPRETED BY HUMANS
THE GERMANTOWN-ION EXPERIMENT OF 1954: AN EVALUATION IN RETROSPECT
COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC FLUTTER OF CIRCULAR CYLINDRICAL SHELLS
INFORMATION RETRIEVAL EXPERIMENT FINAL REPORT JUNE 1967
AN INDUCTION GENERATOR EXPERIMENT
ON COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC FLUTTER OF CIRCULAR CYLINDRICAL SHELLS
A SONIC D-REGION PROBE EXPERIMENT USING AN ULTRAVIOLET SOURCE TO PRODUCE IONS AND FREE ELECTRONS
SMALL INCOMPLETE FACTORIAL EXPERIMENT DESIGNS FOR TWO AND THREE LEVEL FACTORS
THE EAST COAST ONSHORE OFFSHORE EXPERIMENT I THE FIRST ARRIVAL PHASES FINAL REPORT MARCH 1967
A STRATOSPHERIC GENERAL CIRCULATION EXPERIMENT INCORPORATING DIABATIC HEATING AND OZONE PHOTOCHEMISTRY
A HAND-PRINTED CHARACTER RECOGNITION EXPERIMENT
A LONG-DISTANCE COINCIDENCE RADIO-PULSE EXPERIMENT
THEORETICAL ANALYSIS OF A SECONDARY EMISSION EXPERIMENT ON INSULATORS
ROCKET INSTRUMENTATION FOR THE GYRO-INTERACTION EXPERIMENT - AEROSPACE AE 3 814
CERENKOV LIGHT EXPERIMENT BOLIVIAN AIR SHOWER JOINT EXPERIMENT FINAL REPORT JAN 1968
MOBILITY OF ELECTRONS IN COMPENSATED SEMICONDUCTORS I EXPERIMENT
NON-STeady BURNING PHENOMENA OF SOLID PROPELLANTS THEORY AND EXPERIMENT
CHEMICAL KINETIC REACTIONS TO FORCED COMBUSTION: A CROSS-CULTURAL EXPERIMENT IN THE THEORY OF COGNITIVE DISSONANCE
THE PSYCHOPHYSICS OF THE KINEMATIC AFTEREFFECT IN THE PETRIC BLACK EXPERIMENT
RESEARCH DIRECTED TOWARD THE DESIGN AND FABRICATION OF A SOLAR ATMOSPHERIC DISKSPAN EXPERIMENT FINAL REPORT MAR 1968
POSITIVE ION SENSING SYSTEM FOR THE MEASUREMENT OF SPACECRAFT PITCH AND YAW AIR FORCE D-10 EXPERIMENT FLOWN ON GEMINI
STUDIES OF PRIMARY COSMIC RAYS IN THE ENERGY REGION 10-14 EV TO 10-17 EV /BOLIVIAN AIR SHOWER JOINT EXPERIMENT/
A MONTE CARLO SIMULATION OF THE NUCLEAR ACTIVE CASCADE IN EAS /ANALYSIS OF BOLIVIAN AIR SHOWER JOINT EXPERIMENT/

AFOSR67-2189
AFOSR67-0453
ARL 67-1087
ARL 68-0145
AFOSR68-1836
AFOSR68-0350
AFOSR68-1839
AFOSR67-0870
AFOSR67-0536
AFOSR67-2610
AFOSR68-0179
AFOSR68-0411
AFOSR68-1599
AFOSR68-0390
AFOSR68-0239
AFOSR67-2362
AFOSR68-1640
AFOSR67-0836
AFOSR67-0600
ARL 67-0022
AFOSR67-0862
AFOSR67-0344
AFOSR67-2123
AFOSR68-2780
AFOSR67-0459
AFOSR67-0504
AFOSR68-0179
AFOSR68-0807
AFOSR67-1538
AFOSR67-0640
AFOSR68-1989
AFOSR68-0177
AFOSR67-0154
AFOSR68-0186
AFOSR68-0184

EXPERIMENTAL

EXPERIMENTAL EVALUATION OF VARIOUS REGIOITY MODELS
EXPERIMENTAL INVESTIGATION OF SATURATION EFFECTS IN FERRITE FREQUENCY DOUBLERS
EXPERIMENTAL STUDIES OF THE ARCTIC D-REGION FINAL REPORT JAN 1967
EXPERIMENTAL AND THEORETICAL STUDY OF LATTICE DYNAMICS FINAL REPORT SEPT 1967
EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
EXPERIMENTAL INVESTIGATION OF PLASMA MICROINSTABILITIES IN CROSSED MAGNETIC AND AC ELECTRIC FIELDS
EXPERIMENTAL STUDY PROGRAM TO INVESTIGATE LIMITATIONS IN FOURIER SPECTROSCOPY FINAL REPORT JAN 1968
EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
EXPERIMENTAL STUDIES OF PULSED MICROWAVE BREAKDOWN EFFECTS IN A HYPERSONIC AIR PLASMA FINAL REPORT FEB 1968
EXPERIMENTAL INVESTIGATION OF THE MODIFICATION OF THE BACKSCATTERING CROSS SECTIONS OF METALLIC OBJECTS
EXPERIMENTAL INVESTIGATION OF MUTUAL ADMITTANCE AND MICROWAVE BREAKDOWN OF SLOT ANTENNAS
EXPERIMENTAL OBSERVATIONS OF THE TRANSITION TO DETONATION IN AN EXPLOSIVE GAS
EXPERIMENTAL STUDIES OF ATOMIC HYDROGEN RECOMBINATION AT GLASS AND QUARTZ SURFACES FINAL REPORT MARCH 1967
EXPERIMENTAL INVESTIGATION OF HARMONIC ION CYCLOTRON WAVE PROPAGATION AND ATTENUATION
EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC CONSTANTS OF SOME IONIC CRYSTALS
EXPERIMENTAL ANALYSIS OF CEREBRAL DOMINANCE IN MAN
EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC CONSTANTS OF SODIUM CHLORIDE
EXPERIMENTAL VERIFICATION OF THE FERMI-DIRAC DISTRIBUTION OF ELECTRONS P. GALLIUM
EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC STRENGTH OF COMPOSITES
EXPERIMENTAL STUDY OF NORMAL IONIZING SHOCK WAVES
EXPERIMENTAL FREE-INDUCTION DECAY SHAPES AND THEORETICAL SECOND MOMENTS FOR HYDROGEN IN HEXAGONAL ICE
EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
EXPERIMENTAL EVIDENCE FOR THE ABSENCE OF QUENCHING OF SODIUM RESONANCE RADIATION BY INERT GASES
EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
EXPERIMENTAL AND THEORETICAL RESEARCH IN GRAVITATION PHYSICS FINAL REPORT JAN 1968
EXPERIMENTAL INVESTIGATIONS OF CRITICAL PHENOMENA PUBLISHED IN REPORTS ON PROGRESS IN PHYSICS V30 PT2 PP731-826 1967
EXPERIMENTAL OBSERVATIONS ON THE NON-Linear FLEXURAL VIBRATIONS OF THE PARALLEL CIRCULAR CYLINDERS
EXPERIMENTAL DATA ON SMALL-PLASTIC DEFORMATION WAVES IN ANNEALED ALUMINUM
EXPERIMENTAL TECHNIQUES FOR SUPERSONIC COMBUSTION RESEARCH IN A SHOCK TUNNEL
EXPERIMENTAL ELECTRODE CURRENT DISTRIBUTIONS IN HNO CHANNELS
EXPERIMENTAL STUDY OF THE SHAPE OF THE COEXISTENCE CURVE OF ARGON NEAR THE CRITICAL STATE
EXPERIMENTAL INVESTIGATION OF ELECTRODELESS DISCHARGE LAMPS AS EXCITATION SOURCES FOR ATOMIC FLUORESCENCE PLANE
EXPERIMENTAL STUDY OF PSEUDOTRANSPIRATION AT AN ORIFICE IN RAREFIED FLOW
EXPERIMENTAL STUDY ON ELECTROMAGNETICALLY DRIVEN SHOCK TUBE
EXPERIMENTAL TESTS OF THE THEORY OF AN AMPLITUDE-LIMITED CORRELATION DETECTOR
EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE STABILITY OF AIR FLOW OVER A WATER SURFACE
EXPERIMENTAL STUDY OF THE EFFECTS OF SURROUND BRIGHTNESS AND SIZE ON VISUAL PERFORMANCE FINAL REPORT SEP 1967
EXPERIMENTAL STUDY OF CHEMI-IONIZATION
EXPERIMENTAL MEASUREMENT OF THE EMISSION AND ABSORPTION OF RADIATION BY AN ARGON PLASMA
EXPERIMENTAL INVESTIGATION OF AN ELECTRIC ARC IN TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS
EXPERIMENTAL INVESTIGATIONS OF AN ELECTRIC ARC IN TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS
EXPERIMENTAL STUDY OF A TRANSPIRATION-COOLED, CONSTRICTED ARC
EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF THE EXPANSION FLOW FIELD OVER A DELTA WING AT HYPERSONIC SPEEDS FINAL
EXPERIMENTAL INVESTIGATION OF INTERACTIONS BETWEEN BLUNT FIN SHOCK WAVES AND ADJACENT BOUNDARY LAYERS AT MACH NUMBERS
EXPERIMENTAL VERIFICATION OF LANDAU WAVES IN AN ISOTROPIC ELECTRON PLASMA
EXPERIMENTAL DETERMINATION OF THE RATE OF CHEMI-IONIZATION PROCESSES
EXPERIMENTAL VERIFICATION OF LANDAU DISPERSION RELATION
EXPERIMENTAL EVIDENCE FOR HIGHLY MOBILE ELECTRONS IN NIO AND HMO AT HIGH TEMPERATURES
EXPERIMENTAL TESTS OF HYDROGEN B STARK BROADENING THEORY AT HIGH ELECTRON DENSITIES
EXPERIMENTAL VELOCITY PROFILE DETERMINATIONS IN HNO FLOW THROUGH A DIELECTRIC CIRCULAR CHANNEL
EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE SUPERSONIC COMPRESSOR ROTORS OF DIFFERENT BLADE THICKNESSES AND
EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
EXPERIMENTAL STUDIES OF FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
EXPERIMENTAL DETERMINATION OF THE ELECTRON DENSITIES IN SOME OF THE XI-VI COMPOUNDS WITH THE THEORETICALLY CALCULATED
AN EXPERIMENTAL STUDY OF PLASMA-COVERED SLOTS ON CYLINDERS AND CONES
AN EXPERIMENTAL STUDY OF AN ELECTRICALLY THICK TUBULAR MONOPOLE ANTENNA DRIVEN BY A COAXIAL TRANSMISSION LINE
AN EXPERIMENTAL STUDY OF SIMILATED PLASMA-COVERED SLOTS
AN EXPERIMENTAL AND THEORETICAL STUDY OF WAVE MIXING IN A BOUNDED MAGNETOPLASMA
AN EXPERIMENTAL STUDY OF THE BREAKDOWN CHARACTERISTICS OF MICROWAVE AND VHF ANTENNAS FINAL REPORT JULY 1968
AN EXPERIMENTAL METHOD FOR PROSODIC ANALYSIS
AN EXPERIMENTAL STUDY OF TURBULENT BOUNDARY LAYER ON ROUGH WALLS

AFOSR67-0099
AFOSR67-0164
AFOSR67-0282
AFOSR67-0500
AFOSR67-0687
AFOSR68-0844
AFOSR68-0900
AFOSR68-0165
AFOSR68-0165
AFOSR68-0570
AFOSR67-0600
AFOSR67-1111
AFOSR67-1264
AFOSR67-1444
AFOSR67-1627
AFOSR67-1833
AFOSR67-1884
AFOSR67-1983
AFOSR67-2079
AFOSR67-2648
AFOSR68-0623
AFOSR68-0162
AFOSR68-0220
AFOSR68-0258
AFOSR68-0268
AFOSR68-0516
AFOSR68-0647
AFOSR68-1194
AFOSR68-1290
AFOSR68-1562
AFOSR68-1803
AFOSR68-1827
AFOSR68-2282
AFOSR68-2604
AFOSR68-2632
AFOSR68-2821
ARL 67-0102
ARL 67-0155
ARL 67-0157
ARL 67-0232
ARL 67-1073
ARL 68-0023
ARL 68-0027
ARL 68-0214
ARL 68-0340
ARL 68-0361
ARL 68-1042
ARL 68-1169
ARL 68-1183
ARL 68-1191
ARL 68-1226
ARL 68-1316
ARL 68-1316
ARL 68-1321
ARL 68-1354
AFOSR67-0132
AFOSR67-0406
AFOSR68-0182
AFOSR68-0437
AFOSR68-0490
AFOSR67-0250
AFOSR67-0420

AN EXPERIMENTAL STUDY OF THE DOUBLE SLIP DEFORMATION HYPOTHESIS FOR FACE-CENTRED CUBIC SINGLE CRYSTALS
 AN EXPERIMENTAL INDIRECT TECHNIQUE FOR THE INDUCTION OF HYPNOSIS WITHOUT AWARENESS
 AN EXPERIMENTAL METHOD FOR THE STUDY OF INTERACTIONS BETWEEN DETONATION WAVES AND MAGNETIC FIELDS
 AN EXPERIMENTAL STUDY OF THE EFFECT OF LENGTH ON THE BURST PATTERN OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS
 AN EXPERIMENTAL STUDY OF TURBULENCE PRODUCTION NEAR A SMOOTH WALL IN A TURBULENT BOUNDARY LAYER WITH ZERO
 AN EXPERIMENTAL STUDY OF THE DEVELOPMENT OF CONSENSUS
 AN EXPERIMENTAL STUDY OF HYPERSONIC RAREFIED FLOW OVER A BLUNT BODY
 AN EXPERIMENTAL COMPARISON OF STIMULUS AND RESPONSE TRANSLATED POWER FUNCTIONS FOR BRIGHTNESS
 AN EXPERIMENTAL DETERMINATION OF THE DYNAMIC VISCOSITY OF ATMOSPHERIC ARGON FROM 3500 TO 8500 DEGREES KELVIN
 AN EXPERIMENTAL ON-LINE INFORMATION RETRIEVAL SYSTEM
 AN EXPERIMENTAL INVESTIGATION OF THE ION-ION HYBRID RESONANCE
 AN EXPERIMENTAL DETERMINATION OF THE OSCILLATOR STRENGTHS FOR SOME TRANSITIONS IN THE LYMAN BANDS OF MOLECULAR HYDROGEN
 AN EXPERIMENTAL TEST OF PROPOSED WATER-VAPOR LASER TRANSITION ASSIGNMENTS
 AN EXPERIMENTAL STUDY OF THE AEROLEASTIC STABILITY OF THIN CYLINDRICAL SHELLS AT THE LOWER SUPERSONIC MACH NUMBERS
 AN EXPERIMENTAL STUDY OF SUPERSONIC FLOW OVER A REARWARD FACING STEP
 AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE TURBULENT FAR WAKE
 AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF MASS TRANSFER ON A WEDGE INDUCED LAMINAR SEPARATED BOUNDARY LAYER AT
 AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE: FINAL REPORT OCT
 AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE
 AN EXPERIMENTAL STUDY OF THE FLOW IN A LOW-PRESSURE SWIRL CHAMBER
 AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A HIGHLY COOLED TURBULENT BOUNDARY LAYER
 AN EXPERIMENTAL STUDY OF SOME RARE INJECTION TECHNIQUES AND THE EFFECT OF LARGE PRESSURE GRADIENTS ON TURBULENT
 AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A HIGHLY COOLED TURBULENT BOUNDARY LAYER
 AN EXPERIMENTAL INVESTIGATION OF THE TRANSPORT PROPERTIES OF ARGON IN A PULSED, HIGH CURRENT ARC
 SOME EXPERIMENTAL ASPECTS OF DIFFUSION IN METALS
 JOINT EXPERIMENTAL & THEORETICAL INVESTIGATIONS IN PLASMA PHYSICS FINAL REPORT JULY 1967
 FURTHER EXPERIMENTAL RESULTS FOR THREE-DIMENSIONAL FREE JETS
 EFFECTS OF EXPERIMENTAL VARIABLES IN IRRADIATIONS OF ALKENES
 RESEARCH IN EXPERIMENTAL AND THEORETICAL LOW-ENERGY NUCLEAR PHYSICS FINAL REPORT JAN 1967
 ON THE USE OF EXPERIMENTAL AND COMPUTATIONAL TECHNIQUES IN ANALYSING THE PERFORMANCE OF SCANNED ARRAYS
 ANALYTICAL AND EXPERIMENTAL STUDIES OF MICROWAVE INTERACTION WITH A HYPERSONIC AIR PLASMA
 ANALYTICAL AND EXPERIMENTAL INVESTIGATIONS OF OSCILLATIONS IN ROCKET MOTOR Baffle CAVITIES FINAL REPORT MAY 1968
 THEORETICAL AND EXPERIMENTAL STUDIES OF INFRARED EMISSION DURING THE LAUNCH PHASE /U/ FINAL REPORT DEC 1966
 THEORETICAL AND EXPERIMENTAL INVESTIGATION OF FOCAL PLANE ADAPTIVE ANTENNA TECHNIQUES FINAL REPORT APR 1968
 THEORETICAL AND EXPERIMENTAL STUDIES OF MECHANICAL PROPERTIES OF ROCK FINAL REPORT MAY 1968
 THEORETICAL AND EXPERIMENTAL STUDIES IN CHEMICAL PHYSICS FINAL REPORT NOV 1966
 THE ANALYSIS OF EXPERIMENTAL DATA OBTAINED FROM STABILITY STUDIES ON ELASTIC COLUMN AND PLATE STRUCTURES
 COMMENTS ON THE EXPERIMENTAL AND THEORETICAL STUDY OF TRANSPORT PHENOMENA IN SIMPLE LIQUIDS
 THEORETICAL AND EXPERIMENTAL STUDIES OF SHOCK WAVE-LAMINAR BOUNDARY LAYER INTERACTION IN THE STRONG INTERACTION REGIME
 THEORETICAL AND EXPERIMENTAL STUDIES AT HIGH MASS FLOW RATES IN HIGH PRESSURE CONSTRICTED ARCS
 DEVELOPMENT OF AN EXPERIMENTAL AIRCRAFT: HYGROMETER FINAL REPORT OCT 1967
 A THEORETICAL AND EXPERIMENTAL RESEARCH PROGRAM IN ELECTRO-MAGNETIC FIELDS WITH EMPHASIS ON TEMPORAL AND SPATIAL
 COMPARISON BETWEEN EXPERIMENTAL AND CALCULATED SPECTRA OF CARBON DIOXIDE AND WATER VAPOR
 THE PROBLEM OF THE EXPERIMENTAL CONFIRMATION OF LANDAU DAMPING
 REVIEW OF CLINICAL AND EXPERIMENTAL STUDIES IN CONDITIONAL REFLEXES PSYCHO AND NEUROPHYSIOLOGY IN USSR CZECHOSLOVAKIA
 SYSTEMS MANUAL FOR THE EXPERIMENTAL LITERATURE COLLECTION AND REFERENCE RETRIEVAL SYSTEM OF THE CENTER FOR THE
 SIZE AND POWER OF SOME TESTS UNDER EXPERIMENTAL RANDOMIZATION
 SHOCK WAVE PRECURSOR MEASUREMENTS PART II EXPERIMENTAL APPARATUS AND AIR TEST RESULTS
 MAN/MACHINE INTERACTION IN ADAPTIVELY CONTROLLED EXPERIMENTAL CONDITIONS
 ROLE OF SING AORTIC REFLEXES IN THE REGULATION OF EXPERIMENTAL RENAL HYPERTENSION DURING NATURAL SLEEP
 WIND MEASUREMENT BY DUAL-BEAM RADAR: A THEORETICAL AND EXPERIMENTAL EVALUATION
 SELF-MODULATING DERIVATIVE OPTICAL SPECTROSCOPY PART II EXPERIMENTAL
 PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE EXPERIMENTAL
 STUDY OF STABILITY OF HYDROMAGNETIC PLASMAS AND THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE BEHAVIOR OF IONIZED
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I THE AND EXPERIMENTAL STUDY OF A 70 DEGREE BLUNT DELTA WING FOR
 HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS II EXPERIMENTAL RESULTS AND COMPARISON WITH THEORY
 INFRARED WAVELENGTH RESONATOR AND FARADAY ROTATION TECHNIQUES FOR EXPERIMENTAL IONIZED GAS DIAGNOSTICS
 THE INFLUENCE OF ROTATION ON FLOW IN A LONG RECTANGULAR CHANNEL - AN EXPERIMENTAL STUDY
 ELECTROCLINICAL EFFECTS OF SELECTIVE PHARMACOLOGICAL INACTIVATION OF THE BRAIN STEM AN EXPERIMENTAL STUDY

AFOSR67-1007
 AFOSR67-1040
 AFOSR67-1049
 AFOSR67-1061
 AFOSR68-0383
 AFOSR68-0473
 AFOSR68-0744
 AFOSR68-0949
 AFOSR68-1210
 AFOSR68-1500
 AFOSR68-1560
 AFOSR68-1563
 AFOSR68-3828
 ARL 67-0506
 ARL 67-0531
 ARL 67-0104
 ARL 67-0169
 ARL 67-0202
 ARL 67-1221
 ARL 68-0072
 ARL 68-0091
 ARL 68-0160
 ARL 68-0348
 ARL 68-1128
 AFOSR67-1235
 AFOSR68-0121
 AFOSR67-1907
 AFOSR67-0905
 AFOSR67-0606
 AFOSR68-0297
 AFOSR67-0201
 AFOSR68-1350
 AFOSR67-0173
 AFOSR68-0249
 AFOSR68-0261
 AFOSR67-0041
 AFOSR67-1259
 AFOSR68-2000
 ARL 67-0112
 ARL 68-1490
 AFOSR67-0008
 AFOSR68-0103
 AFOSR68-0105
 AFOSR68-0636
 AFOSR68-1246
 AFOSR67-1075
 ARL 68-0179
 AFOSR68-1772
 AFOSR67-2720
 AFOSR68-0943
 AFOSR67-0535
 AFOSR67-1054
 AFOSR68-1563
 AFOSR67-0675
 AFOSR68-1035
 AFOSR67-2061
 AFOSR67-0826
 AFOSR67-2050
 AFOSR67-0503

EXPERIMENTS

EXPERIMENTS ON THE A C ELECTROLUMINESCENCE OF COPPER DOPED ZINC SULFIDE SINGLE CRYSTALS
 EXPERIMENTS ON SCATTERING OF MONO-ENERGETIC ARGON BEAMS BY HEATED PLATINUM
 EXPERIMENTS ON VORTEX SHEDDING FROM YAWED CIRCULAR CYLINDER
 EXPERIMENTS ON THE 2 SUPERSCRIPT 3P STATE OF HELIUM I: A MEASUREMENT OF THE 2 SUPERSCRIPT 3D SUBSCRIPT 1-2 SUPERSCRIPT
 EXPERIMENTS ON THE INJECTION AND CONTAINMENT OF ELECTRON CLOUDS IN A TOROIDAL APPARATUS
 EXPERIMENTS ON LASER INTERACTION WITH MATTER /FROZEN HYDROGEN/
 EXPERIMENTS ON TRANSVERSE IONIZING AND SHOCK WAVES FINAL REPORT MAY 1967
 SRI EXPERIMENTS ON AFOSR NIKK-CAJUN ROCKET AO 6 R42 AND ON TRAILBLAZER II
 FURTHER EXPERIMENTS ON INTERFERENCE OF INDEPENDENT PHOTON BEAMS AT LOW LIGHT LEVELS
 COMPUTER EXPERIMENTS IN MOTOR LEARNING
 COMPUTER EXPERIMENTS ON LOW DENSITY CROSSED-FIELD ELECTRON BEAMS
 COMPUTER EXPERIMENTS ON CLASSICAL FLUIDS: II EQUILIBRIUM CORRELATION FUNCTIONS
 NUMERICAL EXPERIMENTS ON THE FORMATION OF A TORNADO FUNNEL IN THE BOUNDARY LAYER
 NUMERICAL EXPERIMENTS WITH A VERTICALLY PARAMETERIZED MODEL DESIGNED TO STUDY THE EFFECTS OF HIGH-LEVEL HEATING ON THE
 NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY- WAVE NUMBER SPECTRA OF SEISMIC EVENTS USING LINEAR ARRAYS
 NUMERICAL EXPERIMENTS OF MAGNETOHYDRODYNAMIC SHOCKS AND THE STABILITY OF SWITCH-ON SHOCKS
 GRAVITATIONAL EXPERIMENTS WITH A CYLINDRICAL GALAXY
 AND ROUND PIPE FLOW EXPERIMENTS, FINAL REPORT, DEC 1967
 LOW-POWER REGION FLOW EXPERIMENTS USING LOW FREQUENCY RADIO WAVE ABSORPTION
 MULTIPARTICLE DISCHARGE EXPERIMENTS
 HIGH HALL COEFFICIENT EXPERIMENTS IN A LARGE DISK GENERATOR
 ANALYSIS OF COSMIC RAY EXPERIMENTS FINAL REPORT AUG 1967
 DOUBLE-COINCIDENCE TRIDENT EXPERIMENTS
 GRAVITATION THEORY AND RECENT EXPERIMENTS
 REGULAR EXPRESSIONS AND CHECKING EXPERIMENTS
 THE HUMAN EYE-MOVEMENT MECHANISM EXPERIMENTS A MODELING AND MODEL TESTING FINAL REPORT JUNE 1967
 TWO-DIMENSIONAL FINITE DEFORMATION EXPERIMENTS ON DOGS ARTERIES AND VEINS
 MATHEMATICAL ANALYSIS OF LANDIS-TYPE EXPERIMENTS ON THE TRANSPORT OF FLUID ACROSS THE WALLS OF CAPILLARY BLOOD VESSELS
 TESTING HYPOTHESES IN RANDOMIZED FACTORIAL EXPERIMENTS
 AN ALGORITHMIC METHOD FOR ORGANIZING CHECKING EXPERIMENTS
 ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY I EXPERIMENTS
 SMOOTHING AND UNFOLDING THE DATA OF DEAM-COLLISIONS EXPERIMENTS
 TUNGSTEN COMPOUNDS AS LIQUID ABSORBERS FOR MOSSBAUER EXPERIMENTS
 NO-O ELECTROLUMINESCENCE STUDIES FLIGHT AND WIND TUNNEL EXPERIMENTS FINAL REPORT JAN 1967
 ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY II COMPUTER EXPERIMENTS ON THE REFLECTION OF SLOW ELECTRONS IN THE
 THE METHOD OF ADAPTIVELY CONTROLLED PSYCHOLOGICAL LEARNING EXPERIMENTS
 AN INDEPENDENT VARIABLE-RADIUS CENTRIFUGE FOR PHYSIOLOGICAL EXPERIMENTS
 NONSTEADY BURNING PHENOMENA OF SOLID PROPELLANTS THEORY AND EXPERIMENTS
 TEMPERATURE DEPENDENCE OF THE MAGNETIC FIELD PERIODICITY IN FLUX QUANTIZATION EXPERIMENTS
 NONPARADOXICALITY OF THE L CONDUCTION DAMP IN GERMANIUM FROM MAGNETO-PIEZOTRANSMISSION EXPERIMENTS
 OPTICAL MEASUREMENT OF THE NUCLEON AXIAL-VECTOR FORM FACTOR IN TWO-PION ELECTROPRODUCTION EXPERIMENTS
 RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME II - CONDENSATION EXPERIMENTS IN A
 RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME I - MERCURY CONDENSATION EXPERIMENTS

AFOSR67-0355
 AFOSR68-0319
 AFOSR68-1422
 AFOSR68-1044
 AFOSR68-1930
 ARL 68-1304
 SRL 67-0006
 AFOSR68-0156
 AFOSR68-2229
 AFOSR67-0707
 AFOSR67-1794
 AFOSR68-1314
 AFOSR68-0425
 AFOSR68-0571
 AFOSR67-1201
 AFOSR67-2078
 AFOSR68-1117
 ARL 67-0236
 AFOSR67-0560
 AFOSR68-0083
 ARL 68-1197
 AFOSR67-2856
 AFOSR68-0133
 ARL 68-1104
 AFOSR68-0218
 SRL 67-0005
 AFOSR67-1980
 AFOSR68-2358
 AFOSR68-0172
 AFOSR68-1082
 AFOSR67-0220
 AFOSR67-2277
 AFOSR67-2581
 AFOSR67-0193
 AFOSR67-0378
 AFOSR68-1782
 AFOSR67-0871
 AFOSR68-1792
 AFOSR68-1440
 AFOSR67-2372
 AFOSR68-2263
 ARL 68-0143
 ARL 68-0142

EXPRESSIONS

SOME TECHNIQUES FOR ALGORITHM OPTIMIZATION WITH APPLICATION TO MATRIX ARITHMETIC EXPRESSIONS AFOSR66-2441

EXPLAIN

WHAT MUST A SATISFACTORY THEORY OF HYPNOSIS EXPLAIN AFOSR67-1882

EXPLANATION

AN AXIOMATIC EXPLANATION OF COMPLETE SELF-REPRODUCTION AFOSR66-2879

EXPLANATORY

THE USE OF CONTENT ANALYSIS FOR EXPLANATORY STUDIES AFOSR67-2096

EXPLICIT

AN EXPLICIT RELATION BETWEEN MUTUAL COUPLING AND THE PATTERN OF AN ANTENNA ARRAY
AN EXPLICIT DETERMINATION OF THE EMPTY SPACE-TIMES ON WHICH THE WAVE EQUATION SATISFIES HUYGENS PRINCIPLES
A SIMPLE EXAMPLE OF AN EXPLICIT NONLINEAR WAVE PREDICTOR
MATRIX PRODUCTS AND THE EXPLICIT 3 & 9 AND 12-J COEFFICIENTS OF THE REGULAR PRESENTATION OF SU-N
KORTVEG-DE VRIES EQUATION AND GENERALIZATIONS 1 A REMARKABLE EXPLICIT NONLINEAR TRANSFORMATION
JUMPS ACROSS TRANSVERSE IONIZING AND SHOCK WAVES IN REAL HYDROGEN UNDER COMPRESSION AS A PARAMETER AN EXPLICIT
SRL 66-0006

EXPLODED

CURRENT DISTRIBUTION FOR WIRE EXPLODED IN VACUUM
A BIBLIOGRAPHY OF THE ELECTRICALLY EXPLODED CONDUCTOR PHENOMENON FOURTH EDITION AFOSR66-0389
AFOSR67-0886

EXPLODING

STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING WIRES FINAL AFOSR67-0276

EXPLORATIONS

EXPLORATIONS OF THE COGNITIVE PROCESSES IN DESIGN AFOSR66-1374
EXPLORATIONS OF SUPERSONIC SHEAR FLOW OVER A CAVITY ARL 67-0197
PRELIMINARY ANALYTICAL EXPLORATIONS OF HEAT TRANSFER FROM BOUNDARY LAYERS CONTAINING STREAMWISE VORTICES. FINAL REPORT ARL 67-0280

EXPLORATORY

EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES AND CREATIVE ABILITIES FINAL REPORT APRIL 1967 AFOSR67-1883
AN EXPLORATORY REVIEW AND CRITIQUE OF THE LITERATURE RELATING TO TRENDS AND CHANGES IN HIGHER EDUCATION FINAL REPORT AFOSR66-1547
ORGANIZATIONAL DESIGN - AN EXPLORATORY STUDY AFOSR67-2456
SPECIFIC MOTOR RESPONSE DURING SLEEP TO SLEEP-ADMINISTERED MEANINGFUL SUGGESTION AN EXPLORATORY INVESTIGATION AFOSR67-1863

EXPLOSION

AIR-SEA WAVES FROM THE EXPLOSION OF KRAKATOA
ANALYTICAL TREATMENT OF THE EXPLOSION PROBLEM
SOLUTION OF THE CLASSICAL POINT SOURCE EXPLOSION PROBLEM ON THE IBM 1620 AND 7094
A SYNTHESIS OF SHORT-PERIOD P-WAVE RECORDS FROM DISTANT EXPLOSION SOURCES
FORMATION OF CAVITIES AND MICROJETS IN LIQUIDS AND THEIR ROLE IN INITIATION AND GROWTH OF EXPLOSION
AFOSR67-0307
ARL 66-1384
ARL 66-1006
AFOSR67-0640
AFOSR67-2230

EXPLOSIONS

NUCLEAR EXPLOSIONS IN A IONOSPHERE WITH FINITE ELECTRIC CONDUCTIVITY IN THE PRESENCE OF A UNIFORM MAGNETIC FIELD
ON THE TRAVEL TIMES OF P AS OBTAINED FROM THE NUCLEAR EXPLOSIONS SILBY AND SHOAL
SHORT-PERIOD SEISMIC ENERGY RADIATION PATTERNS FROM UNDERGROUND NUCLEAR EXPLOSIONS AND SMALL-MAGNITUDE EARTHQUAKES
AFOSR66-0148
AFOSR67-2855
AFOSR67-0386

EXPLOSIVE

THE EXPLOSIVE DECOMPOSITION OF CHLORINE DIOXIDE
THERMAL RECOVERY OF EXPLOSIVE SHOCK-LOADED STAINLESS STEEL
EXPERIMENTAL OBSERVATIONS OF THE TRANSITION TO DETONATION IN AN EXPLOSIVE GAS
MULTIPOINT INITIATED IMPLSIONS FROM HEMISPHERICAL SHELLS OF SHEET EXPLOSIVE
AFOSR66-2400
AFOSR66-2351
AFOSR67-0646
ARL 67-0016

EXPONENT

MEAN APPROXIMATION ON AN INTERVAL FOR AN EXPONENT LESS THAN ONE AFOSR66-0374

EXPONENTIAL

ON THE EXPONENTIAL MASS SPECTRUM OF ELEMENTARY PARTICLES FINAL REPORT MARCH 1967 ARL 67-0051
ON ENTIRE FUNCTIONS OF EXPONENTIAL TYPE AND INDICATORS OF ANALYTIC FUNCTIONALS AFOSR67-0264
CHARACTERIZATION OF THE EXPONENTIAL AND POWER DISTRIBUTIONS AFOSR66-0200
NORM INEQUALITIES FOR ENTIRE FUNCTIONS OF EXPONENTIAL TYPE AFOSR66-2893

EXPONENTIALLY

ELECTROMAGNETIC MASS SHIFTS COMMUTATOR AMBIGUITIES AND EXPONENTIALLY FALLING FORM FACTORS AFOSR66-1632

EXPONENTS

SPECIFIC HEAT RATIOS AND ISENTROPIC EXPONENTS FOR CONSTANT -VOLUME COMBUSTION OF STOICHIOMETRIC MIXTURES OF HYDROGEN- ARL 67-0017

EXPOSED

ATOMIZATION AND VAPORIZATION OF A LIQUID SHEET EXPOSED TO A SUPERSONIC AIRSTREAM AFOSR66-1421
DECREASED ATROPINE TOXICITY IN RATS CHRONICALLY EXPOSED TO COLD AFOSR67-2105
CATECHOLAMINE EXCRETION IN ADRENAL-DEMOULATED RATS EXPOSED TO COLD AFTER CHRONIC GUANETHIDINE TREATMENT AFOSR67-0501
HEAT TRANSFER IN CYLINDRICAL PIPES WITH FULLY ESTABLISHED TURBULENT FLOW AND EXPOSED TO A UNIFORM TEMPERATURE ARL 67-0039

EXPOSURE

THRESHOLD EXPOSURE OF PHOTOGRAPHIC FILM AND A COMPARISON BETWEEN THE SENSITIVITIES OF FILM AND IMAGE INTENSIFIER- FILM ARL 66-0205
THE EFFECT OF COLD EXPOSURE ON THE CATECHOLAMINE EXCRETION OF RATS TREATED WITH DECAHEDRANE AFOSR67-0902
EFFECT OF VARYING PERIODS OF COLD EXPOSURE ON THE ACTION AND METABOLISM OF MECHOSORBITAL AFOSR67-2106
COMPENSATION FOR AUDITORY RE-ARRANGEMENT FOLLOWING EXPOSURE TO AUDITORY-TACTILE DISCORDANCE AFOSR66-0316

EXPRESSIONS

REGULAR EXPRESSIONS AND CHECKING EXPERIMENTS AFOSR66-0218
ANALYTICAL EXPRESSIONS OF SPACE-TIME CORRELATIONS Celerities FACILITIES AND METHODS OF MEASUREMENT FOR TEMPERATURE AFOSR67-0892
DERIVATION OF EXPRESSIONS FOR CALCULATION OF LIMITING DETECTABLE ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE PLANE AFOSR67-1302
DERIVATION OF GENERAL EXPRESSIONS FOR QUANTUM AND POWER EFFICIENCIES FOR ATOMIC FLUORESCENCE OF ATOMS IN A HOT GAS AFOSR67-1300
ENTROPY OF TURBULENT GAS MACROSCOPIC AND TURBULENT PARTS BOUNDARY-LAYER EXPRESSIONS FOR Celerities OF FILTERED AFOSR66-0798

EXTENDED

EXTENDED DYNAMIC RANGE PROCESSING FINAL REPORT NOV 1967
 EXTENDED JACKEL THEORY AND THE SHAPE OF MOLECULES
 EXTENDED DYNAMICAL SYSTEMS AND STABILITY THEORY
 AN EXTENDED INTERPOLATION INEQUALITY
 AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO THE STRESS ANALYSIS OF A CLAMPED RECTANGULAR PLATE
 AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO EIGENVALUE PROBLEMS
 AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO MHD DUCT FLOW
 INERTIAL CONFINEMENT OF EXTENDED RADIO SOURCES
 FRACT EQUATIONS OF MOTION FOR EXTENDED BODIES
 ON OBTAINING THE TIME RESPONSE FROM THE EXTENDED LIENARD CONSTRUCTION
 TASK PREDICTABILITY AND THE DEVELOPMENT OF TRACKING SKILL UNDER EXTENDED PRACTICE
 USE OF A CONTINUOUS SOURCE OF EXCITATION AN ARGON-HYDROGEN- AIR FLAME AND AN EXTENDED PLANE CELL FOR ATOMIC ABSORPTION

AFCL67-0833
 AFOSR67-2465
 AFOSR67-2474
 AFOSR67-2685
 AFOSR67-1880
 AFOSR68-0153
 AFOSR68-0966
 AFOSR68-1060
 ARL 67-1327
 AFOSR68-2382
 AFOSR67-1008
 AFOSR67-1305

EXTENSION

EXTENSION TABLES FOR THE U.S. STANDARD ATMOSPHERE 1962 WITH SPECIAL ATTENTION TO THE CALCULATION OF GEOPOTENTIAL
 EXTENSION OF THE CONTOUR-DISTORTION METHOD IN RELATIVISTIC THREE-PARTICLE SCATTERING
 AN EXTENSION OF AN INFORMATION - THEORETIC DERIVATION OF CERTAIN LIMIT RELATIONS FOR A MARKOV CHAIN
 AN EXTENSION OF THE METHOD OF AVERAGING
 AN EXTENSION OF THE VALIDITY OF THE STATIONARY PHASE FORMULA
 AN EXTENSION OF THE KANTOROVICH METHOD
 AN EXTENSION OF AIRYS EQUATION
 AN EXTENSION OF THE GENERALIZED BERNSTEIN LEMMA
 AN EXTENSION OF A THEOREM OF L. O. RAIFARTAGH
 AN EXTENSION OF THE INITIAL VALUE THEOREM AND ITS APPLICATION TO RANDOM SIGNAL ANALYSIS
 AN EXTENSION OF THE KANTOROVICH METHOD
 QUANTUM-MECHANICAL EXTENSION OF THE LEADWITZ-PENROSE THEOREM ON THE VAN DER WAALS THEORY
 SOME DISCUSSION AND EXTENSION OF MANFRED RIERWISCHS WORK ON GERMAN ADJECTIVALS
 A SIMPLE TWO-LAYER MODEL AND ITS EXTENSION
 OSCILLATORY VISCOUS FLOW REVIEW AND EXTENSION
 TENSOR OPERATORS AND MASS FORMULA IN THE MINIMAL EXTENSION OF U-SUB THREE BY CHARGE CONJUGATION

AFCL67-0335
 AFOSR68-2277
 AFOSR67-0968
 AFOSR67-1636
 AFOSR67-2686
 AFOSR67-2794
 AFOSR68-0336
 AFOSR68-0410
 AFOSR68-1305
 AFOSR68-1832
 AFOSR68-2419
 AFOSR67-0033
 AFCL68-0055
 AFCL68-0276
 AFOSR68-0849
 AFOSR67-2113

EXTENSIONAL

FURTHER RESEARCH ON THE EFFECT OF TEST MACHINE EXTENSIONAL RIGIDITY ON THE INITIAL BUCKLING LOAD OF UNREINFORCED

AFOSR67-1588

EXTENSIONS

EXTENSIONS OF THE MINKOWSKI INEQUALITY
 EXTENSIONS OF CLASSICAL MATRIX INEQUALITIES
 SOME EXTENSIONS OF THE MANY-BODY POTENTIAL MODEL OF QUARK BINDING
 STRUCTURE AND EXTENSIONS OF A THEORY OF CURRENTS
 REMARKS ON SOME RECENT EXTENSIONS OF FILIPPOVS IMPLICIT FUNCTIONS LEMMA

AFOSR68-0911
 AFOSR68-2507
 AFOSR68-1402
 AFOSR68-2538
 AFOSR68-0161

EXTENSIVE

RADIO PULSES FROM EXTENSIVE AIR SHOWERS AT 520MHZ
 CERENKOV LIGHT FROM EXTENSIVE AIR SHOWERS FINAL REPORT DEC 1966
 A THEORETICAL ANALYSIS OF EXTENSIVE AIR SHOWERS I NEAR- VERTICAL SHOWERS AT SEA LEVEL
 THREE-DIMENSIONAL MONTE CARLO SIMULATION OF EXTENSIVE AIR-SHOWERS
 CORRELATION BETWEEN OPTICAL AND RADIO EMISSION FROM EXTENSIVE AIR SHOWERS AT LARGE ZENITH ANGLES
 SYNTHESIS AND SOLVOLYTIC REACTIVITY OF ENDO-ANTI-AND ENDO- SYN-B-TRICYCLO[3.2.1.0.2 4/OCTANE DERIVATIVES. EXTENSIVE

AFOSR68-0758
 AFOSR67-0609
 AFOSR68-1402
 AFOSR68-0574
 AFOSR67-1324
 AFOSR68-0710

EXTENT

EXTENT OF THERMAL NON-EQUILIBRIUM IN THE IONOSPHERE

AFOSR67-2692

EXTERIOR

ON THE EXTERIOR STATIONARY PROBLEM FOR THE NAVIER-STOKES EQUATIONS AND ASSOCIATED PERTURBATION PROBLEMS

AFOSR68-2525

EXTERNAL

EXTERNAL SPIN-ORBIT COUPLING PHENOMENA
 INTERACTION OF EXTERNAL RADIATION WITH AN ACOUSTIC WAVE
 CAVITY REACTOR WITH EXTERNAL SEPARATOR
 DYNAMICS OF ELECTRONS IN SOLIDS IN EXTERNAL FIELDS
 INVESTIGATION OF PLATES AND SHELLS UNDER EXTERNAL LOADING AND ELEVATED TEMPERATURES FINAL REPORT MARCH 1967
 ANALYSIS OF SHORT WFA-STIFFENED SANDWICH SHELL WITH CLOSED ENDS UNDER EXTERNAL PRESSURE
 INVERSION OF THE ECCENTRICITY EFFECT IN STIFFENED CYLINDRICAL SHELLS BUCKLING UNDER EXTERNAL PRESSURE
 A STUDY OF THE SOLUTIONS OF ONE-DIMENSIONAL VLASOV-POISSON EQUATIONS FOR HARMONIC TIME DEPENDENCE AND EXTERNAL

ARL 67-1164
 AFOSR68-2847
 ARL 68-1308
 AFOSR68-2067
 AFOSR67-0931
 AFOSR67-2838
 AFOSR67-0467
 AFOSR68-0226

EXTINCT

EXTINCT GHOSTS IN POTENTIAL THEORY

AFOSR67-0880

EXTINCTION

EXTINCTION OF BURNING SOLID PROPELLANT FINAL REPORT MAY 1967
 EXTINCTION OF LANDAU DAMPING, AND COLLISIONAL INSTABILITIES IN RAMSAUER GASES
 OPTICAL EXTINCTION IN THE COLLIDED SYSTEM NaCl Na
 PATTERNS OF EXTINCTION OF A DETECTION-INDICATING RESPONSE UNDER ESCAPE-AVOIDANCE REINFORCEMENT

AFOSR67-1767
 ARL 68-1439
 AFOSR68-1540
 AFOSR67-1951

EXTINGUISHMENT

EXTINGUISHMENT OF SOLID PROPELLANTS BY RAPID DEPRESSURIZATION

AFOSR68-1945

EXTRA-NUCLEAR

INVESTIGATION OF EXTRA-NUCLEAR EFFECTS IN ANGULAR CORRELATIONS FINAL REPORT JUNE 1967

AFOSR67-1612

EXTRA-TERRESTRIAL

THE DETERMINATION OF ANTENNA PARAMETERS BY THE USE OF EXTRA-TERRESTRIAL RADIO SOURCES

AFCL68-0231

EXTRACTED

SOLVATION OF EXTRACTED COMPLEX METAL ACIDS III THE HFSUBCL4 DIFINYL ETHER SYSTEM
 SOLVATION OF EXTRACTED COMPLEX METAL ACIDS II
 SOLVATION OF EXTRACTED COMPLEX METAL ACIDS IV THE HAUC4-NITROBENZENE SYSTEM

AFOSR67-1140
 AFOSR67-2713
 AFOSR68-1781

EXTRACTION

EXTRACTION OF SINGULARITIES FROM THE S MATRIX
 MASSIVE EXTRACTION AND PATTERN RECOGNITION IN THE EFG
 SOLVENT EXTRACTION STUDY OF METAL FLUOROACRYLACETONATES

AFOSR67-0070
 AFOSR68-1777
 ARL 67-0205

EXTRACTION - CONTINUED

SOLVENT EXTRACTION STUDY OF METAL FLUOROACETYLACETONATES FINAL REPORT NOVEMBER 1966	ARL 68-0193
SOLVENT EXTRACTION OF VOLATILE DIVALENT METAL FLUORO-BATA- DIKETONATES	ARL 68-1488
CHROMATOGRAPHY AND SOLVENT EXTRACTION OF ORGANOMETALLIC COMPLEXES FINAL REPORT SEP 1967	ARL 67-0191
STUDY IN THE HYDROLYSIS OF METAL IONS PART 96. SOLVENT EXTRACTION STUDY OF THE HYDROLYSIS OF ZINC /II/ IN 3 M NaClO AT	AFOSR67-1387
BASIC RESEARCH ON THE SEPARATION OF SCANDIUM, YTTRIUM, AND THE RARE EARTHS BY SOLVENT EXTRACTION FINAL REPORT DECEMBER	ARL 68-0210
MODIFICATION OF THE MODEL 25AC SIMONIAN DOUBLE-SPECTRUM /SPECTRUM/ ANALYZER FOR IMPROVED EXTRACTION OF PITCH DATA	AFCL68-0116
EXTRACTS	
THE FORMATION OF VERONHAENDROME FROM PYRIDINE PROTONAFNICHOME BY EXTRACTS OF RED ALGAE AND OF LIVER	AFOSR68-0532
EXTRAORDINARY	
LA EXTRAORDINARIA QUIMICA DE LOS COMPUESTOS ORGANOSILICICOS	ARL 68-1081
EXTRAPOLATION	
EXTRAPOLATION OF THE AMPLITUDES OF NONLEPTONIC DECAYS OF K MESONS	AFOSR67-0583
EXTRAPOLATION PROBLEM IN CURRENT-ALGEBRA CALCULATIONS OF THE PI PI SCATTERING LENGTHS	AFOSR67-1393
EXTREMAL	
EXTREMAL PROBLEMS IN THE CLASS OF CLOSE-TO-CONVEX FUNCTIONS	AFOSR67-0359
EXTREMAL PROBLEMS FOR A CLASS OF FUNCTIONALS DEFINED ON CONVEX SETS	AFOSR67-2718
EXTREMAL PROBLEMS FOR FUNCTIONS OF BOUNDED BOUNDARY ROTATION	AFOSR68-0062
EXTREMAL PROBLEMS IN THE CLASS OF CLOSE-TO-CONVEX FUNCTIONS	AFOSR68-1155
AN EXAMPLE OF EXTREMAL DISCONTINUOUS SOLUTION OF A VARIATIONAL PROBLEM OF ELLIPTIC TYPE	AFOSR68-1189
CONJUGATE POINTS ON EXTREMAL TOCKET PATHS	AFOSR68-1537
SOME SOLUTIONS OF ELLIPTIC EXTREMAL EQUATIONS IN THE PLANE	AFOSR68-2619
OPTIMAL CONTROL PROBLEMS AS EXTREMAL PROBLEMS IN A BANACH SPACE	AFOSR67-0377
EXTREMALS	
SINGULAR EXTREMALS	AFOSR67-1340
ON THE CLASSIFICATION OF SINGULAR AND NONSINGULAR EXTREMALS FOR THE PONTRYAGIN MAXIMUM PRINCIPLE	AFOSR67-1257
EXTREME	
ON EXTREME POINTS IN LI	AFOSR68-0295
THE SOLAR EXTREME ULTRAVIOLET SPECTRUM BETWEEN 30 MARCH 1966 AND 17 JANUARY 1967	AFCL68-0009
LIFE AND DEATH IN EXTREME CAPTIVITY SITUATIONS	AFOSR67-1020
SPECIAL REVIEW PART I PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH	AFOSR67-2267
SPECIAL REVIEW PART II PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH	AFOSR67-2268
EXTREME-VALUE	
A NOTE ON ESTIMATION FROM A TYPE I EXTREME-VALUE DISTRIBUTION	ARL 67-0116
RESULTS ON LOCATION AND SCALE PARAMETER ESTIMATION WITH APPLICATION TO THE EXTREME-VALUE DISTRIBUTION	ARL 67-0023
SIMULTANEOUS LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE EXTREME-VALUE DISTRIBUTION USING SELECTED	ARL 67-1004
POINT AND INTERVAL ESTIMATION PROCEDURES FOR THE TWO- PARAMETER WEIBULL AND EXTREME-VALUE DISTRIBUTIONS	ARL 68-0240
POINT INTERVAL ESTIMATION FROM ONE-ORDER STATISTIC OF THE LOCATION PARAMETER OF AN EXTREME-VALUE DISTRIBUTION WITH	ARL 67-0027
RESULTS ON STATISTICAL ESTIMATION AND HYPOTHESES TESTING WITH APPLICATION TO THE WEIBULL AND EXTREME-VALUE	ARL 68-0068
EXTREMELY	
EXTREMELY HIGH DENSITY MAGNETIC INFORMATION STORAGE	AFOSR68-1353
ABUNDANCES IN TWO EXTREMELY HIGH-VELOCITY STARS	AFOSR67-2198
DAS MESSEN HOCHSTER TEMPERATUREN THE MEASUREMENT OF EXTREMELY HIGH TEMPERATURES	ARL 68-0328
EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS	ARL 68-1316
EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS	ARL 68-1318
EXPERIMENTAL STUDIES OF FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS	ARL 68-1321
EXTREMIST	
PERCEPTION AND JUDGMENT IN THE POLITICAL EXTREMIST	AFOSR67-2008
EXTREMIZATION	
ORAC MINIMIZATION AS THE EXTREMIZATION OF PRODUCTS OF POWERS OF INTEGRALS	AFOSR67-0937
EXTREMUM	
MASS EXTREMUM EFFECT ON THE CYCLOTRON RESONANCE LINE SHAPE IN GALLIUM	AFOSR68-1776
QUALITY AND STABILITY IN EXTREMUM PROBLEMS INVOLVING CONVEX FUNCTIONS	AFOSR68-0280
EXTRINSIC	
EXTRINSIC COTTON EFFECTS IN OYE-ADVINE PLASMA ALBUMIN ADDUCTS	AFOSR68-0312
INFRARED IMAGE TRANSDUCERS USING EXTRINSIC SEMICONDUCTORS.	ARL 68-0264
EXTRUSION	
THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER	ARL 68-1186
THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER	ARL 68-1180
EXT-MOVEMENT	
THE HUMAN EXT-MOVEMENT MECHANISM EXPERIMENTS A MODELING AND MODEL TESTING FINAL REPORT JUNE 1967	SRL 67-0005
F-BAND	
EVALUATION OF THE HUANG-PHYS FACTOR AND THE HALF-WIDTH OF THE F-BAND IN KCl AND NaCl CRYSTALS	AFOSR68-1132
F-19	
NUCLEAR MAGNETIC RELAXATION OF F-19 IN PURE EARTH DOPED LANTHANUM TRIFLUORIDE	AFOSR68-2471
FABRICATION	
FABRICATION OF VAPOR-DEPOSITED THIN FILM PIEZOELECTRIC TRANSDUCERS FOR THE STUDY OF PHONON BEHAVIOR IN DIELECTRIC	AFCL67-0627
FABRICATION OF CADMIUM SULFIDE THIN FILM SOLAR CELLS FOR SPACE VEHICLE TESTING FINAL REPORT DEC 1967	ARL 67-0282
DESIGN & FABRICATION OF A SMALL LIGHTWEIGHT FARMORABLE TYPE GAS CYLINDER FOR USF WITH HELIUM FINAL REPORT DEC 1967	AFCL67-0676
DEVELOPMENT FABRICATION ASSEMBLY AND TESTING OF RIBBON POINTING CONTROL AND ASSOCIATED TELEMETERING SYSTEMS FINAL	AFCL67-0646
RESEARCH DIRECTED TOWARD THE DESIGN AND FABRICATION OF A SOLAR ATMOSPHERIC DISRUPT EXPERIMENT FINAL REPORT MAR 1968	AFCL68-0177
DEVELOPMENT OF TECHNIQUES FOR THE DESIGN AND FABRICATION OF SEISMIC MODEL RECEIVING TRANSDUCERS FINAL REPORT DEC 1968	AFCL68-0650

FABRY-PEROT

THERMAL SCANNING OF A FABRY-PEROT INTERFEROMETER
ANALYTICAL DESCRIPTION OF A FABRY-PEROT PHOTORELECTRIC SPECTROMETER
PLASMA IMPEDANCE ELEMENT IN AN ACTIVE FABRY-PEROT MICROWAVE RESONATOR
LOSSES IN HUNY LASERS THE SPHERICAL-MIRROR FABRY-PEROT INTERFEROMETER FINAL REPORT DEC 1967 AFOBR68-2737
APCRL67-0080
AFOSR68-1268
APCRL68-0061

FACE-CENTERED

SUPERCONDUCTIVITY AND LATTICE PARAMETERS IN FACE-CENTERED CUBIC PLATINUM TUNGSTEN AND PALLADIUM TUNGSTEN SOLID AFOSR68-1886

FACEPLATE

DEVELOPMENT OF AN IMAGE ISOCON WITH FIBER-OPTICS FACEPLATE FINAL REPORT OCTOBER 1968 ARL 68-0182

FACIES

MULTISPECTRAL PHOTOGRAPHIC STUDIES OF A RED-RED FACIES BASIN NOVA SCOTIA AFCL67-0603

FACILITATION

FACILITATION OF CONCEPT LEARNING BY A SIMULTANEOUS CONTRAST PROCEDURE AFOSR68-0862

FACILITIES

RESEARCH ON ADVANCED GAS DYNAMIC TEST FACILITIES FINAL REPORT APRIL 1967 ARL 67-0069
ANALYTICAL EXPRESSIONS OF SPACE-TIME CORRELATIONS Celerities FACILITIES AND METHODS OF MEASUREMENT FOR TEMPERATURE AFOSR67-0892

FACILITY

A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES ARL 67-0148
A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES ARL 67-1213
A FACILITY FOR BLUNT BODY RE-ENTRY FLOW SIMULATION ARL 68-1126
A PULSED-HEAT FACILITY FOR THE UNIVERSITY OF ROCHESTER'S MP TANDEN AFOSR67-0989
DEVELOPMENT OF A FACILITY FOR SUPERSONIC COMBUSTION SIMULATION ARL 67-0154
A DATA DEFINITION FACILITY FOR PROGRAMMING LANGUAGES AFOSR67-2048
THE SHOCK TUNNEL AS A SUPERSONIC COMBUSTION TEST FACILITY AFOSR67-0847
THE DESIGN AND OPERATION OF A HIGH MACH NUMBER-REYNOLDS NUMBER FACILITY FINAL REPORT DECEMBER 1968 ARL 68-0213

FACING

SUPERSONIC FLOW SEPARATION ON A BACKWARD FACING STEP AFOSR67-0656
SUPERSONIC SEPARATED FLOW DOWNSTREAM OF A BACKWARD FACING STEP AFOSR67-2592
AN EXPERIMENTAL STUDY OF SUPERSONIC FLOW OVER A REARWARD FACING STEP ARL 67-0031
THE FLOW FIELD AND HEAT TRANSFER DOWNSTREAM OF A REARWARD FACING STEP IN SUPERSONIC FLOW FINAL REPORT MARCH 1967 ARL 67-0086
NUMERICAL CALCULATION OF THE LOW REYNOLDS NUMBER FLOW OVER A BLUNT WEDGE WITH REARWARD FACING STEP FINAL REPORT JULY ARL 67-0151
HEAT TRANSFER IN THE LAMINAR SUPERSONIC SEPARATED FLOW BEHIND AN AXISYMMETRICAL BACKWARD FACING STEP ARL 68-0216

FACTOR

PIEN FROM FACTOR AND MASS SPECTRUM OF BOSONS AFOSR68-1269
DISSIPATION FACTOR OF THE TORSIONAL MODE DEGREES TSUB2 FOR A HOMOGENEOUS-MANTLE EARTH WITH A SOFT-SOLID OR A
DISSIPATION FACTOR OF THE TORSIONAL MODE FOR A HOMOGENEOUS-MANTLE EARTH WITH A SOFT-SOLID OR A VISCOUS-LIQUID CORE AFCL67-0262
THE STRESS INTENSITY FACTOR FOR A GRIFFITH CRACK IN AN ELASTIC BODY IN WHICH BODY FORCES ARE ACTING AFOSR67-2150
THE STRESS INTENSITY FACTOR FOR A PENNY-SHAPED CRACK IN AN ELASTIC BODY UNDER THE ACTION OF SYMMETRIC BODY FORCES AFOSR68-0815
HYPOTHALAMIC SECRETORY FACTOR FOR ADRENOCORTICOTROPIC HORMONE FINAL REPORT NOV 1968 AFOSR68-0832
ON THE INTERPRETATION OF THE FACTOR GROUP SPLITTING IN NAPHTHALENE CRYSTAL AFOSR68-2333
DYNAMIC STRAIN CONCENTRATION FACTOR FOR A NOTCH AFOSR67-1671
EVALUATION OF THE HUANG-PHYS FACTOR AND THE HALF-WIDTH OF THE F-BAND IN KCl AND NaCl CRYSTALS AFOSR68-0827
MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR AFOSR68-1132
FORM FACTORS AND THE PION CHARGE FORM FACTOR AFOSR67-0936
BIOLOGICAL ASPECTS OF THE NERVE GROWTH FACTOR AFOSR67-1372
IMAGE ORTHICON WITH IMPROVED RFAM MODULATION FACTOR AFOSR68-2788
BLUNT-NOSED MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR ARL 67-1194
BLUNT-NOSED MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR AFOSR67-1888
RADIATIVE CORRECTION TO γ -DECAY AND NUCLEON FORM FACTOR AFOSR68-0804
POSSIBLE MEASUREMENT OF THE NUCLEON AXIAL-VECTOR FORM FACTOR IN TWO-PION ELECTROPRODUCTION EXPERIMENTS AFOSR67-1536
ANALYSIS OF THE MECHANISM OF ACTION OF THE NERVE GROWTH FACTOR AFOSR68-2263
SURFACE LATTICE DYNAMICS OF SILVER I LOW-ENERGY ELECTRON DEBYE-WALLER FACTOR AFOSR67-0833

FACTORIAL

SMALL INCOMPLETE FACTORIAL EXPERIMENT DESIGNS FOR TWO AND THREE LEVEL FACTORS ARL 67-0027
SATURATED SEQUENTIAL FACTORIAL DESIGNS ARL 68-0310
RESEARCH IN SEQUENTIAL FACTORIAL DESIGNS FINAL REPORT JULY 1967 ARL 67-0141
SEQUENCES OF FRACTIONAL FACTORIAL PLANS FINAL REPORT NOVEMBER 1968 ARL 68-0202
TESTING HYPOTHESES IN RANDOMIZED FACTORIAL EXPERIMENTS AFOSR68-0172
RESULTS ON NON-ORTHOGONAL INCOMPLETE FACTORIAL DESIGNS ARL 67-0021
THE SELECTION OF SEQUENCES OF TWO-LEVEL FRACTIONAL FACTORIAL PLANS ARL 67-0013
THE CATEGORIZATION AND EVALUATION OF SEQUENCES OF TWO-LEVEL FRACTIONAL FACTORIAL PLANS ARL 68-1290

FACTORIZED

SUPPRESSION OF REGGE CUTS AT $\gamma = 0$ DUE TO UNIVERSALITY OF FACTORIZED RESIDUES AFOSR68-0834
SCALE OF MESON AND BARYON COUPLINGS AND UNIVERSALITY IN THE ALGEBRA OF FACTORIZED RESIDUES AFOSR68-2736

FACTORS

FACTORS AFFECTING THE APT PICTURE QUALITY AFCL68-0517
FACTORS CONTROLLING PROTEIN SYNTHESIS FINAL REPORT JAN 1967 AFOSR67-0303
FACTORS THAT CONTROL 1,3-ASYMMETRIC IODINATION AND INTRANOLE-CULARITY IN BASE-CATALYZED 1,3-PROTON TRANSFER IN AN INDENE AFOSR68-0434
FACTORS AFFECTING THE INITIAL PLASTIC BEHAVIOR OF CLOSE PACKED METAL SINGLE CRYSTALS FINAL REPORT APRIL 1968 AFOSR68-1109
FACTORS IN HUMANS FINAL REPORT MAY 1967 ARL 67-0011
FORM FACTORS AND THE PION CHARGE FORM FACTOR AFOSR67-1372
FORM FACTORS AT LARGE MOMENTUM TRANSFER AFOSR67-1557
FORM FACTORS AND THE ABSORPTIVE ONE-PION-EXCHANGE MODEL AFOSR68-0146
SOME FACTORS AFFECTING CATECHOLAMINE UPTAKE STORAGE AND RELEASE IN ADRENERGIC NERVE GRANULES AFOSR68-0872
FORM FACTORS AND ELECTROMAGNETIC WAVES AFOSR68-2537
HUMAN FACTORS AND THE DESIGN OF TIME SHARING COMPUTER SYSTEMS AFCL68-0054
ACOUSTIC FACTORS VERSUS LANGUAGE FACTORS IN SHORT-TERM MEMORY AFOSR67-1822
COGNITIVE FACTORS IN INFORMATION PROCESSING AFOSR67-1802
GRAMMATICAL FACTORS IN SENTENCE RETENTION AFOSR67-1825
PARTIAL RATE FACTORS IN THE NITRATION OF 10-METHYL-10, 9-BORAZAPHENANTHRENE AFOSR68-1580
A STUDY OF SOME FACTORS WHICH INFLUENCE THE GROWTH OF CUPROUS CHLORIDE IN SILICA GEL AFCL67-0448
TRANSITION FORM FACTORS IN THE H ATOM AFOSR67-2803
A STUDY OF BASIC FACTORS GOVERNING THE DETECTION LIMIT IN ASTRONOMICAL IMAGING ARL 67-1008
INFLUENCE OF MEMORY FACTORS ON SENSORY DISCRIMINATION FINAL REPORT JULY 1968 AFOSR68-1659
THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK WHOSE SURFACES ARE LOADED ASYMMETRICALLY AFOSR68-0853

FACTORS

- CONTINUED

THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK IN AN ELASTIC BODY IN WHICH THERE IS AN ASYMMETRICAL DISTRIBUTION OF MAGNETIC MOMENTS FORM FACTORS AND MASS SPECTRUM OF BARYONS
A STUDY OF FUNDAMENTAL FACTORS PERTINENT TO MICROBIOLOGICAL WASTE CONVERSION IN CONTROL OF ISOLATED ENVIRONMENTS FINAL REPORT JAN 1968
AN ANALYSIS OF CERTAIN FACTORS WHICH MIGHT OR DO AFFECT THE VASCULAR RESPONSE TO OXYTOCIN
AN ANALYSIS OF FUNDAMENTAL FACTORS GOVERNING THE LIMITATIONS IN DETECTION OF IMAGES FINAL REPORT MAY 1968
THE CHEMISTRY OF CARBANIONS XIV FACTORS INFLUENCING THE RATE OF ADDITION OF DIMETHYLMAGNESIUM TO BENZOPHENONE
ACOUSTIC FACTORS VERSUS LANGUAGE FACTORS IN SHORT-TERM MEMORY
ON THE GENERATION OF ALL SPECTRAL FACTORS
OUTERION POLARIZATION AND NEUTRON FORM FACTORS
SIMPLE FORMULA FOR THE DRILL-WALECKA FORM FACTORS IN QUASI-ELASTIC ELECTRODYNAMIC PROCESSES
THE DETERMINATION OF THE STRESS INTENSITY FACTORS OF A PAIR OF COPLANAR GRIFFITH CRACKS WHOSE SURFACES ARE LOADED
CURRENT-COMMUTATOR CALCULATION OF THE K SURFA FORM FACTORS
RECENT PSYCHOLOGICAL RESEARCH RELEVANT TO THE HUMAN FACTORS ENGINEERING OF MAN-MACHINE SYSTEMS
MULTIPLICATIVE MATRIX COMMUTATORS COMMUTING WITH BOTH FACTORS
DYNAMICAL GROUP $O_4 \times Z_2$ FOR QUANTONS AND THE BEHAVIOR OF FORM FACTORS
CONVERSION YIELDS OF SOME PHOTOGRAPHIC EMULSIONS AND RELATED FACTORS
CALCULATION OF RELATIVISTIC TRANSITION PROBABILITIES AND FORM FACTORS FROM NONCOMPACT GROUPS
UNIFORM-ELECTRIC-FIELD QUADRUPOLE POLARIZABILITIES AND SHIELDING FACTORS FOR S-STATE ATOMS AND IONS
SMALL INCOMPLETE FACTORIAL EXPERIMENT DESIGNS FOR TWO AND THREE LEVEL FACTORS
ELECTROMAGNETIC MASS SHIFTS COMMUTATOR AMBIGUITIES AND EXPONENTIALLY FALLING FORM FACTORS

AFOSR68-0802
AFOSR68-0728
AFCL67-0488
AFOSR68-0813
ARL 68-0102
AFOSR68-2486
AFOSR67-1822
AFOSR68-1867
AFOSR67-0222
AFOSR67-2821
AFOSR68-2186
AFOSR67-0059
AFOSR67-1884
AFOSR67-2378
AFOSR67-2804
ARL 67-0173
AFOSR67-2148
AFOSR67-0310
ARL 67-0222
AFOSR68-1632

FADING
ON THE GENERAL THEORY OF FADING MEMORY
UTILITY OF QUANTIZED MODELS OF FADING FOR ERROR ANALYSIS FINAL REPORT JAN 1968
NORMS AND SEMI-GROUPS IN THE THEORY OF FADING MEMORY

AFOSR68-1615
AFCL68-0033
AFOSR67-0849

FADING-PATTERN
RESULTS OF AN EXPERIMENT CONCERNING THE FADING-PATTERN

AFCL67-0270

FAILURE
ON A CAUSE OF FAILURE OF HIGH ALTITUDE PLASTIC BALLOONS

AFCL67-0611

FAILURES
THE MANCHING PHENOMENON FAILURES OF IMMEDIATE RECALL CORRELATED WITH REPETITION OF ELEMENTS WITHIN A STIMULUS

AFOSR67-1829

FAINT
LUMINESCENCE COLORS MOTIONS AND DISTRIBUTION OF FAINT BLUE STARS

AFOSR68-1998

FAIRBANKS
THE JUNE 21 1967 EARTHQUAKE SERIES AT FAIRBANKS ALASKA AFTERSHOCK LOCATIONS DEPTHS AND MAGNITUDES

AFOSR67-2860

FALLING
ELECTROMAGNETIC MASS SHIFTS COMMUTATOR AMBIGUITIES AND EXPONENTIALLY FALLING FORM FACTORS

AFOSR68-1632

FALLOFF
COLLISIONAL ENERGY TRANSFER IN THERMAL UNIMOLECULAR SYSTEMS DILUTION EFFECTS AND FALLOFF REGION

AFOSR68-2494

FAMILIARITY
THE EFFECTS OF FAMILIARITY ON THE PERCEPTUAL RECOGNITION AND CATEGORIZATION OF VERBAL INFORMATION

AFOSR67-1806

FAMILIES
THREE FAMILIES OF INTEGRALS WHICH ARISE IN SOME THREE-BODY PROBLEMS
ABSTRACT FAMILIES OF LANGUAGES
ABSTRACT FAMILIES OF LANGUAGES
ABSTRACT FAMILIES OF PROCESSORS
A NOTE ON FAMILIES OF SINGULAR STURM-LIOUVILLE SYSTEMS
CONTINUOUS FAMILIES OF CURVES
INTERPOLATING FAMILIES AND GENERALIZED CONVEX FUNCTIONS
SUBSTITUTION IN FAMILIES OF LANGUAGES
CLOSEDNESS WHICH PRESERVE FINITENESS IN FAMILIES OF LANGUAGES
SU(2) SYMMETRY EXCHANGE DEGENERACY AND LORENTZ-POLE CLASSIFICATION OF CONSPIRATOR FAMILIES

AFCL67-0222
AFCL67-0363
AFCL68-0240
AFCL68-0472
AFOSR67-0836
AFOSR67-0704
AFOSR67-2755
AFCL68-0592
AFCL67-0665
AFOSR68-1483

FAMILY
A FAMILY OF CODES FOR THE CORRECTION OF SUBSTITUTION AND SYNCHRONIZATION ERRORS
ON A FAMILY OF ERROR CORRECTING AND SYNCHRONIZABLE CODES
HIGH SUPERCONDUCTING TRANSITION TEMPERATURES IN THE MOLYBDENUM CARBIDE FAMILY OF COMPOUNDS

AFCL67-0591
AFCL68-0099
AFOSR67-2574

FAR-FIELD
ANALYSIS OF FAR-FIELD MIXING WITH A PERIODIC SOURCE OF VORTICITY AT THE ORIFICE

AFOSR67-2222

FAR-INFRARED
FAR-INFRARED LASER POWER MEASUREMENTS
FAR-INFRARED MEASUREMENT OF LONG-RANGE ORDERED IN A DISPLACIVE PHASE TRANSITION
FAR-INFRARED AND MILLIMETER WAVE STUDIES OF XENON HEXAFLUORIDE

AFOSR67-1186
AFOSR67-1931
AFOSR68-1628

FARADAY
FARADAY ROTATION OF THE 2 SUB I CENTER IN KCL
FARADAY ROTATION STUDIES IN H_2O AND CaO COLOUR CENTRES
EVALUATION OF FARADAY SHIELDED TET COILS FOR ION CYCLOTRON RESONANCE HEATING OF PLASMA
HELICONS MAGNETORHEISM FMR AND FARADAY ROTATION IN SOLID STATE PLASMAS AT MICROWAVE FREQUENCIES
BAND PARAMETERS DETERMINATION FROM FARADAY ROTATION MEASUREMENTS
INFRARED LASER COUPLED RESONATOR AND FARADAY ROTATION TECHNIQUES FOR EXPERIMENTAL IONIZED GAS DIAGNOSTICS
HALL EFFECT ION SLIP AND END EFFECTS IN FARADAY GENERATORS
METHOD OF DETECTING SMALL ANGLES OF MICROWAVE FARADAY ROTATION
HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE X-BAND FARADAY ROTATION OF WATER ADSORBED ON HEMOGLOBIN
NOTE ON SECONDARY ELECTRONS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE
ELECTRON CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE
ELECTRON-CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE
WORK DONE LOCATED AT INNSBRUCK UNIVERSITY ON INSTABILITIES THE VLASOV EQUATION FARADAY GENERATORS AND BOUNDARY LAYER

AFOSR68-1471
AFOSR68-1706
AFOSR67-0817
AFOSR67-1869
ARL 67-0284
AFOSR67-0826
AFOSR68-1307
AFOSR67-0375
AFOSR67-2081
ARL 68-0293
ARL 67-0240
ARL 68-0292
AFOSR68-1323

PASCATIUS
MONTFURCH RESPONSE TO VISUAL STIMULI IN ONCOMELTUS PASCATIUS DALLAS APOSR67-0718

FAST
FAST RECOVERY OF ELECTRON IRRADIATED GERMANIUM
FAST REACTIONS IN SOLUTION
A FAST MECHANICAL BEAM STOP AND OTHER AUXILIARY BEAM CONTROL EQUIPMENT
A FAST RECOVERY PROBE AND RECEIVER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
A FAST OPTICAL Cerenkov SYSTEM FOR DIRECTIONAL STUDIES OF POSSIBLE GAMMA-RAY SOURCES
CORRELATION USING FAST FOURIER TRANSFORMS
ANGULAR DISTRIBUTIONS OF FAST SCATTERED PARTICLES RESULTING FROM COLLISIONS OF 1 - TO 60 KEV NOBLE GASES WITH METAL
OBSERVATIONS OF CR133 WITH A FAST NIGHT SKY Cerenkov DETECTOR
LASER TEMPERATURE-JUMP STUDIES OF FAST REACTIONS FINAL REPORT NOV 1967
PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY ARL 68-0260
PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY ARL 68-0263

FASTER
FASTER FOURIER ANALYSIS AFCL67-0087

FATE
PATH OF THE EXCITATION ENERGY IN THE QUENCHING OF FLUORESCENCE BY CONJUGATED DIENES APOSR68-1681

FATIGUE
FATIGUE STRENGTH - STRESS CONCENTRATION EQUATION FOR ALUMINUM ALLOY 24S-T3
MECHANISMS OF FATIGUE HARDENING IN COPPER SINGLE CRYSTALS
MATRIX-LIMITED FATIGUE PROPERTIES IN FIBRE COMPOSITE MATERIALS
NONDESTRUCTIVE EVALUATION OF METAL FATIGUE
NONDESTRUCTIVE EVALUATION OF METAL FATIGUE
THE EFFECT OF VACUUM ON SURFACE DAMAGE IN FATIGUE FINAL REPORT SEPT 1967 APOSR67-2837
APML 67-0203
APOSR67-0680
APOSR67-1208
APOSR68-1162
APOSR67-2399

FATIGUE-LIFE
FATIGUE-LIFE AND MINERS RULE ARL 68-1292

FAULT
STACKING FAULT ENERGIES OF THE STRUCTURALLY RELATED COPPER-GALLIUM ALPHA AND ZETA PHASES
SEISMICITY IN THE VICINITY OF THE RAMAPO FAULT NEW JERSEY-NEW YORK
A MICRO-EARTHQUAKE SURVEY OF THE SAN ANDREAS FAULT SYSTEM IN SOUTHERN CALIFORNIA APOSR67-1404
APCL68-0248
APOSR67-2143

FAULTING
STUDY OF SEISMICITY MECHANICS OF FAULTING AND CRUSTAL STRUCTURE WITHIN THE BASIN AND RANGE AND ADJOINING PROVINCES
MECHANISM OF EARTHQUAKES AND NATURE OF FAULTING ON THE MID-OCEANIC RIDGES APOSR67-0829
APCL67-0327

FAVORABLENESS
THE EFFECTS OF CONTEXT AND OF Raters ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP
THE EFFECTS OF CONTEXT AND OF Raters ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP APOSR67-0073
APOSR67-1483

FEAR
STUDIES WITH RATS I. BRAIN MECHANISM IN FEAR SUPPRESSION II. COMPLEXITY AND STIMULUS CHOICE III. ACQUISITION LATENCY AND
REACTIVITY CHANGES IN THE CENTRAL NERVOUS SYSTEM CONCOMITANT WITH CHRONIC FEAR AND FOOD DEPRIVED STATES ARL 67-0018
APOSR68-0643

FEASIBILITY
FEASIBILITY STUDY FOR AIRBORNE ICE-CRYSTAL DISCRIMINATOR FINAL REPORT SEPT 1968
FEASIBILITY OF USING LINEAR PATTERN CLASSIFIERS FOR PROBABILISTIC PATTERN CLASSES
A FEASIBILITY STUDY OF A COMPONENT GRADIOMETER /U/
A FEASIBILITY STUDY OF A COMPONENT GRADIOMETER
A FEASIBILITY AND DESIGN STUDY FOR AN AIRBORNE RADIOMETRIC SYSTEM TO MEASURE REMOTELY THE VERTICAL PROFILE OF
THE FEASIBILITY OF DEVELOPING TRANSFER OF TECHNOLOGY FUNCTIONS
ON THE FEASIBILITY AND OPTIMIZATION OF LINEAR FREQUENCY MODULATION IN DIGITAL SIGNALING
RESEARCH TOWARD FEASIBILITY OF AN INSTRUMENT FOR MEASURING VERTICAL GRADIENTS OF GRAVITY FINAL REPORT OCT 1967
PULSE TECHNIQUE FEASIBILITY STUDY ON MULTIMEGAWATT RF GAS HEATERS AND RESEARCH ON ELECTRODELESS DISCHARGES AT HIGH
BALLOON BORNE TELESCOPE FEASIBILITY STUDY AND DESIGN FINAL REPORT AUG 1967 ARL 67-0019
APOSR67-0883
APCL67-0411
APCL67-0417
APCL68-0107
APOSR67-1873
APOSR68-1661
APCL67-0031
ARL 68-1182
APCL67-0318

FEATURES
CLEAVAGE FEATURES IN A DOMAIN /TWIN/ CRYSTAL
TECTONIC FEATURES OF THE EARTH'S CRUST AND UPPER MANTLE FINAL REPORT AUG 1967 APOSR67-1803
APOSR67-1797
APOSR68-1224
ARL 67-1209
APCL67-0801
APCL68-0264
APCL68-0073
APCL68-0300
APCL67-0448
APCL68-112

FEED
A CORRECTING FEED AT 611 MHZ FOR THE A10 REFLECTOR
TRANSVERSE ANTENNA FEED STUDY FINAL REPORT MAY 1968 APOSR68-1044
APCL68-0279
APCL67-0235

FEEDBACK
FEEDBACK COMMUNICATION SYSTEMS II FINAL REPORT NOV 1967
FEEDBACK AND CONTROL SYSTEMS IN SPATIALLY-ORIENTED BEHAVIOR FINAL REPORT SEPT 1967
ON THE FEEDBACK CONTROL OF DISTRIBUTED PARAMETER SYSTEMS
MORE ON UNCERTAINTY FEEDBACK THE BOUNDED CASE
EFFECT OF SIMULATED SOCIAL FEEDBACK ON INDIVIDUAL TRACKING PERFORMANCE
DISCONTINUOUS VECTOR FIELDS AND FEEDBACK CONTROL
NOTE ON THE GAUSSIAN CHANNEL WITH FEEDBACK AND A POWER CONSTRAINT
STABILITY OF LINEAR MULTIVARIABLE FEEDBACK SYSTEMS
CONTROLLABILITY AND OBSERVABILITY OF FEEDBACK SYSTEMS
HIGH-STABILITY PHOTOMETER UTILIZING OPTICAL FEEDBACK
A METHOD FOR THE DESIGN OF STABLE NONLINEAR FEEDBACK SYSTEMS
A FREQUENCY-DOMAIN STABILITY CHART FOR NONLINEAR FEEDBACK SYSTEMS
OPTIMUM SAMPLING FOR MINIMUM ENERGY SAMPLED DATA FEEDBACK CONTROL SYSTEMS
FIXED-WORD-DURATION VARIABLE-RATE PROCEDURES FOR FEEDBACK COMMUNICATION SYSTEMS APOSR67-0408
APOSR67-2213
APOSR67-0442
APOSR68-2448
APOSR67-1400
APOSR67-1926
APOSR68-1339
APOSR68-2048
APOSR68-1182
APOSR68-0364
APOSR68-0624
APOSR68-1325
APOSR68-2048
APCL67-0379

FERROACK - CONTINUED

INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/ AFCL67-0874
 INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/ AFCL68-0139
 INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/ AFCL68-0848
 STUDIES OF SEQUENTIAL DETECTION SYSTEMS WITH UNCERTAINTY FEEDBACK AFOSR68-2880
 OPTIMAL SIGNAL DESIGN FOR SEQUENTIAL SIGNALING OVER A CHANNEL FEEDBACK AFOSR68-1975
 AN ALGORITHM FOR THE ANALYSIS AND DESIGN OF LINEAR STATE VARIABLE FEEDBACK SYSTEMS AFOSR68-2049
 A LARGE DYNAMIC RANGE MICROWAVE POWER MEASUREMENT SYSTEM EMPLOYING FEEDBACK AFCL67-0886
 CAPACITY OF AN ADDITIVE GAUSSIAN COLORED NOISE CHANNEL WITH NOISELESS FEEDBACK ALLERTON CONFERENCE ON CIRCUIT AND AFOSR68-2831

FEGE
 MAGNETIC TORSION MEASUREMENTS ON HEXAGONAL FEGE AFOSR68-0881

FELIX
 FELIX HAUSDORFF IN MEMORIAM THE MATHEMATICAL WORK OF F. HAUSDORFF /GERMAN/ AFOSR67-0873

FERMI
 THE FERMI SURFACE OF ALUMINUM AND DILUTE ALUMINUM-ZINC ALLOYS AFOSR67-0436
 DELTA-FUNCTION FERMI GAS WITH TWO-SPIN DEVIATES AFOSR68-0185
 RADIO SPECTRA AND FERMI ACCELERATION BY SHOCKS AFOSR67-2732
 TRANSPORT PROPERTIES OF A FERMI LIQUID AFOSR68-2838
 S-D MODEL WITH NONSPHERICAL FERMI SURFACE AFOSR68-0804
 MOBILITY OF A CHARGED IMPURITY IN A FERMI LIQUID AFCL68-0388
 CYCLOTRON RESONANCE INVESTIGATION OF THE FERMI SURFACE OF CADMIUM AFOSR67-0437
 LOW-FIELD DE HAAS-VAN ALPHEN STUDY OF THE FERMI SURFACE OF ALUMINUM AFOSR67-1963
 IMPORTANCE OF QUADRATIC FORCE CONSTANTS IN FERMI RESONANCE AFOSR67-2842
 FINITE-TEMPERATURE TRANSPORT PROPERTIES OF NORMAL FERMI SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE MODEL AFOSR67-0886
 VIBRATIONAL SPECTRA AND ASSIGNMENT OF IODINE PENTA-FLUORIDE FERMI RESONANCE BETWEEN A FUNDAMENTAL AND A TERNARY AFOSR68-0175
 TEMPERATURE DEPENDENCE OF THE SPIN SUSCEPTIBILITY OF A NEARLY FERROMAGNETIC FERMI LIQUID AFOSR68-2397

FERMI-DIRAC
 EXPERIMENTAL VERIFICATION OF THE FERMI-DIRAC DISTRIBUTION OF ELECTRONS IN GALLIUM AFOSR67-1884

FERMION
 FERMION IMPURITIES IN A WEAKLY INTERACTING BOSE GAS AFOSR68-2480

FERMIONS
 REACTION AMPLITUDES FOR PSEUDOSCALAR MESONS ON SPIN-HALF FERMIONS IN FOURTH-ORDER PERTURBATION THEORY AFOSR68-2747

FERRIC
 CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED FERRIC OXIDE BY THE FLUX METHOD AND SEGREGATION STUDIES OF IRON AFOSR67-0353

FERRICYANIDE
 OXIDATION OF SOME CHELATING AGENTS AND COMPLEXES WITH ALKALINE FERRICYANIDE AFOSR67-2432

FERRIMAGNET
 EXCHANGE ENERGY STRESS AND MOMENTUM IN A RIGID FERRIMAGNET AFCL67-0662
 EXCHANGE TORQUE POWER AND MOMENTUM FLOW AND STRESS IN A RIGID FERRIMAGNET AFCL67-0886

FERRIMAGNETIC
 MOSSBAUER STUDY OF FERRIMAGNETIC ORDERING IN NICKEL FERRITE AND CHROMIUM-SUBSTITUTED NICKEL FERRITE AFOSR68-0014

FERRIMAGNETISM
 THEORY OF FERRIMAGNETISM IN INSULATORS FINAL REPORT MARCH 1968 AFOSR68-0885

FERRITE
 KINETICS AND MECHANISM OF FORMATION OF ZINC FERRITE AFOSR68-2845
 EXPERIMENTAL INVESTIGATION OF SATURATION EFFECTS IN FERRITE FREQUENCY DOUBLERS AFCL67-0144
 MOSSBAUER STUDY OF FERRIMAGNETIC ORDERING IN NICKEL FERRITE AND CHROMIUM-SUBSTITUTED NICKEL FERRITE AFOSR68-0014

FERRITES
 MAGNETOELASTIC INTERACTIONS IN FERRITES AFCL67-0637
 TRANSMISSION LINE MODELS OF MAGNON-PHONON MODES IN FERRITES PART II COUPLED MODES AFCL67-0314

FERROCENYL
 THE CHEMISTRY OF METALLOCENES I CARBONIUM ION STABILIZATION BY THE FERROCENYL GROUP AFOSR67-1514

FERROELECTRIC
 PHYSICS OF FERROMAGNETIC AND FERROELECTRIC MEDIA FINAL REPORT OCT 1968 AFCL68-0514

FERROELECTRICITY
 FERROELECTRICITY AFOSR67-1610
 FERROELECTRICITY AND LATTICE ANHARMONICITY AFOSR68-1001
 MICROSCOPIC THEORY OF FERROELECTRICITY FINAL REPORT NOV 1967 AFML 67-0256
 SYMMETRY CHANGES, PHASE TRANSITIONS AND FERROELECTRICITY ARL 67-0238

FERROMAGNET
 SOME THERMODYNAMIC PROPERTIES OF A SEMI-INFINITE HEISENBERG FERROMAGNET AFOSR68-0934
 SMALL SIGNAL POWER AND MOMENTUM THEOREMS FOR A MAGNETOELASTIC FERROMAGNET AFCL67-0664

FERROMAGNETIC
 FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS AND WHISKERS FINAL REPORT MAR 1967 AFCL67-0107
 FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS FINAL REPORT SEPT 1968 AFCL68-0414
 WAVES IN FERROMAGNETIC METALS FINAL REPORT MAY 1968 AFOSR68-1334
 PHYSICS OF FERROMAGNETIC AND FERROELECTRIC MEDIA FINAL REPORT OCT 1968 AFCL68-0514
 THE RANGE OF FERROMAGNETIC EXCHANGE INTERACTIONS AFOSR68-0020
 REMAGNETIZATION OF FERROMAGNETIC MULTIPLE FILMS AT LIQUID HELIUM TEMPERATURES AFOSR67-0433
 MAGNETIC ANISOTROPY IN FERROMAGNETIC THIN FILMS AFOSR68-0186
 S-D EXCHANGE DAMPING OF FERROMAGNETIC RESONANCE AFOSR68-0560

FERROMAGNETIC - CONTINUED

ON AN ADAPTIVE TV UTILIZING FERROMAGNETIC THIN-FILM WEIGHTS
ANISOTROPIC SPIN POLARIZATION IN FERROMAGNETIC NICKEL
POLARIZED POSITRON ANNIHILATION IN FERROMAGNETIC NICKEL
RESEARCH ON STRIKE DOMAIN STRUCTURES IN FERROMAGNETIC METAL FILMS FINAL REPORT JAN 1967
TEMPERATURE DEPENDENCE OF THE SPIN SUSCEPTIBILITY OF A NEARLY FERROMAGNETIC FERRO LIQUID

AFOSR67-0833
AFOSR67-0894
AFOSR67-0844
AFOSR67-0819
AFOSR66-2397

FERROMAGNETICS

RESEARCH IN FERROMAGNETICS - PART I
RESEARCH IN FERROMAGNETICS - PART II FINAL REPORT FEB 1967
RESEARCH IN FERROMAGNETICS FINAL REPORT SEPT 1966

AFOSR67-0204
AFOSR67-0205
AFOSR66-0531

FERROMAGNETISM

FERROMAGNETISM IN /AUBURN/ GOLD VANADIUM ALLOY

AFOSR67-1675

PEROXIDASE

OXYLCHONIDASE /THE REACTION OF FERROPEROXIDASE WITH OXYGEN/

AFOSR67-1606

FERRUS

CRYSTALLIZATION OF FERRUS AMMONIUM SULFATE ON A SEED IN MAGNETIC FIELDS UP TO KIL-DERESTO
HIGH TEMPERATURE DEFECT STRUCTURE OF FERRUS OXIDE
THE EFFECTS OF HIGH MAGNETIC FIELDS ON THE ISOTHERMAL DISSOLUTION AND GROWTH RATES OF FERROUS AMMONIUM SULFATE

AFOSR67-1729
ARL 67-0137
AFOSR67-2740

Feynman

Feynman diagrams for unitary representations of $SL(2, C)$
A TRANSLATION THEOREM FOR ANALYTIC FEYNMAN INTEGRALS
THE CALEY EQUATIONS OF A REDUCIBLE FEYNMAN DIAGRAM
A MONOMIAL APPROACH TO PARAMETRIC FEYNMAN INTEGRALS
WARD IDENTITIES UNSUBTRACTED DISPERSION RELATIONS AND FEYNMAN GRAPHS
A LINDELOF THEOREM AND ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL VARIABLES WITH AN APPLICATION TO THE FEYNMAN

AFOSR67-1632
AFOSR67-2767
AFOSR66-1219
AFOSR67-1639
AFOSR67-2457
AFOSR66-2526

FIBER

FIBER REINFORCED NI-CR ALLOYS FOR HIGH TEMPERATURE-HIGH STRENGTH APPLICATIONS FINAL REPORT JAN 1967
A TRANSIENT FIBER OPTICS PROBE FOR SPACE RESOLVED DIAGNOSTICS OF DENSE PLASMAS
DIFFRACTION BY FIBER MOSAICS
DEPOLARIZATION OF OPTIC FIBER ENDINGS IN THE LATERAL GENICULATE BODY
BINOCULAR RECIPROCAL INTERACTION UPON FIBER ENDINGS IN THE LATERAL GENICULATE NUCLEUS OF THE CAT

AFML 67-0049
AFOSR67-0834
AFOSR67-1699
AFOSR66-2700
AFOSR67-2537

FIBER-OPTICS

DEVELOPMENT OF AN IMAGE ISOCON WITH FIBER-OPTICS FACEPLATE FINAL REPORT OCTOBER 1966

ARL 66-0162

FIBERS

CENTRIFUGAL FIBERS TO THE RETINA OF OCTOPUS VULGARIS
THE ACTIVITY OF APPARENT NERVE FIBERS FROM THE VESTIBULAR ORGAN AND OF NEURONS IN THE VESTIBULAR NUCLEI OF
REINNERVATION OF SMOOTH AND STRIATED MUSCLE BY SENSORY NERVE FIBERS
SIMULTANEOUS DEMONSTRATION OF ADRENERGIC AND NON-ADRENERGIC NERVE FIBERS
CHOLINERGIC ACTIVITY OF THE NICTITATING MEMBRANE REINNERVATED BY CHOLINERGIC FIBERS

AFOSR67-0132
AFOSR66-0672
AFOSR66-0704
AFOSR66-1649
AFOSR66-2731

FIBRILLATION

CONTROL OF VENTRICULAR FIBRILLATION DURING INDUCED HYPOTHERMIA IN CATS AFTER DIFFERENTIAL DEPLETION OF CARDIAC

AFOSR66-1015

FICTION

FREQUENCY DEPENDENT FICTION CONSTANT ANALYSIS OF DIFFUSION IN SIMPLE LIQUIDS

AFOSR66-1964

FIELD

FIELD DISTRIBUTION IN CDS AS DETERMINED BY AN OPTICAL PROBE
FIELD DISTRIBUTION AND CURRENT SATURATION IN PHOTOCONDUCTIVE CDS
FIELD DEPENDENCE OF THE KNIGHT SHIFT IN SIMPLE METALS
FIELD EMISSION FROM CADMIUM SULPHIDE
FIELD RANGE AND RESOLUTION IN HOLOGRAPHY
FIELD EMISSION STUDIES OF THE SURFACE MIGRATION OF REFRACTORY METALS FINAL REPORT OCT 1967
FIELD- AND PHOTON-ENHANCED FIELD EMISSION FROM THIN-FILM FIELD-EMISSION DEVICES
FIELD TESTING THE ARL DUST SEPARATOR
THE FIELD FROM AN SH POINT SOURCE IN A CONTINUOUSLY LAYERED INHOMOGENEOUS HALF-SPACE II THE FIELD IN A HALF-SPACE
HIGH FIELD MAGNETS AT THE NATIONAL MAGNET LABORATORY
STRESS FIELD IN THE VICINITY OF AN IRWIN-CRACK
ELECTRIC FIELD HEATING OF D-REGION ELECTRONS
ELECTRIC FIELD IN THE IONOSPHERE A THEORY OF ITS ORIGIN AND EFFECT
MAGNETIC FIELD DEPENDENCE OF THE KNIGHT SHIFT
MAGNETIC FIELD DEPENDENCE OF ULTRASONIC ATTENUATION OF SHEAR WAVES IN POTASSIUM
BODY AND FIELD PERCEPTUAL DIMENSION AND ALTERED SENSORY ENVIRONMENTS
ELECTRIC FIELD GRADIENT AT THE DEUTERON SITE IN LIQUID OD_2
ELECTRIC FIELD EFFECT ON THE CRITICAL OPALSCENCE II RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS
ELECTRIC FIELD PERTURBATIONS OF HYPERFINE INTERACTIONS
THE FLOW FIELD IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO-DIMENSIONAL WEDGE-FLAT PLATE MODEL
THE FLOW FIELD AND HEAT TRANSFER DOWNSTREAM OF A REARWARD FACING STEP IN SUPERSONIC FLOW FINAL REPORT MARCH 1967
EQUIVALENT FIELD THEORIES AND ROUND STATES
EXACT NEAR FIELD SCATTERING AMPLITUDE AND EVANESCENT WAVES
VANG-MILLS FIELD
BINDING AND FIELD DESORPTION OF INDIVIDUAL TUNGSTEN ATOMS
THE VELOCITY FIELD SURROUNDING SUNSPOTS AS DERIVED FROM OBSERVATIONS OF HA
THE ELECTRIC FIELD IN THE SOLAR CORONAL EXOSPHERE AND THE SOLAR WIND
THE MAGNETIC FIELD AND ENERGY OF AN AXISYMMETRIC VAN ALLEN BELT
THE PRESSURE FIELD AND THE INTERNAL CONSTITUTION OF THE EARTH
AN ASYMPTOTIC FIELD CALCULATION IN THE PENUMBRA REGIO
NEAR MAGNETIC FIELD MEASUREMENT USING PERMALLOY-FILM RESONANCE
RESEARCH IN THE FIELD OF HIGH RESOLUTION INFRARED SPECTROSCOPY FINAL REPORT JAN 1967
PHOTON-ENHANCED FIELD EMISSION FROM CDS SINGLE CRYSTALS
CRITICAL STRAIN FIELD IN THE VICINITY OF A STABLE FRACTURE
RESEARCHES IN THE FIELD OF SOLAR RADIO NOISE AS WELL AS OPTICAL SUNSPOT PHENOMENA FINAL REPORT APR 1967
FLOW AND ELECTRIC FIELD EFFECTS ON THE RESPONSE OF A STAGNATION POINT MASS SPECTROMETER FINAL REPORT OCT 1967
THE ELECTROSTATIC FIELD AROUND A SLENDER CONDUCTING BODY OF REVOLUTION
SOME REMARKS ON THE FIELD THEORY FOR HIGHER SPIN
LARGE VOLUME PULSED FIELD COILS APPLICATIONS TO SYNCHRONOUS PULSE OPERATION FROM 250 TO 500 KILOGAUSS
EFFECT OF A MAGNETIC FIELD ON A LAYER OF FREE SURFACE MERCURY
NON-EQUILIBRIUM FLOW FIELD EQUATIONS TO WITHIN FIRST ORDER TERMS IN THE AFFINITIES FINAL REPORT JULY 1966

AFOSR67-0359
AFOSR66-0534
AFOSR67-0083
AFOSR67-0317
AFOSR67-0761
AFOSR67-2406
AFOSR66-2659
ARL 67-1255
AFOSR67-0675
AFOSR67-2371
AFOSR66-0891
AFOSR67-0121
AFOSR66-0134
AFOSR67-0085
AFOSR67-0161
AFOSR67-0810
AFOSR67-1168
AFOSR67-2162
AFOSR66-1467
ARL 67-0005
ARL 67-0056
AFOSR66-1631
AFOSR66-2602
ARL 66-1095
AFOSR66-1784
AFOSR66-0202
AFOSR66-0506
AFOSR66-0645
AFOSR66-1110
AFOSR67-0671
AFOSR66-0076
AFOSR67-0437
AFOSR67-1383
AFOSR66-1769
AFOSR67-0508
AFOSR67-0607
AFOSR67-0615
AFOSR67-0121
AFOSR67-2374
AFOSR66-0229
AFOSR66-1929

FIELD-CHARGED	
RESEARCH IN THE DESIGN DEVELOPMENT AND CONSTRUCTION OF HIGH MAGNETIC FIELD	APCR 68-0505
FIELD-CONTROL	
ELECTROMAGNETIC RADIATION IN FIELD-CONTROL	ARL 68-1403
FIELD-PROPERTIES	
MAGNETIC FIELD	AFOSR67-2731
FIELD-PROPERTIES	
COMMON	AFOSR67-1336
COMMON	AFOSR67-1629
FIELD-PROPERTIES	
FIELD-PROPERTIES	AFOSR68-2699
FIELD-PROPERTIES	
FIELD-PROPERTIES	AFOSR67-0592
FIELD-PROPERTIES	
FIELD-PROPERTIES	AFOSR68-0840
FIELD-PROPERTIES	AFOSR68-0874
FIELD-PROPERTIES	AFOSR67-0216
FIELD-PROPERTIES	AFOSR68-2212
FIELD-PROPERTIES	AFOSR68-2733
FIELD-PROPERTIES	ARL 67-0029
FIELD-PROPERTIES	AFOSR68-0326
FIELD-PROPERTIES	AFOSR68-0031
FIELD-PROPERTIES	ARL 68-1312
FIELD-PROPERTIES	AFOSR67-0086
FIELD-PROPERTIES	AFOSR67-0749
FIELD-PROPERTIES	AFOSR68-1824
FIELD-PROPERTIES	AFOSR67-0122
FIELD-PROPERTIES	AFOSR67-1926
FIELD-PROPERTIES	AFOSR67-0401
FIELD-PROPERTIES	AFOSR67-1698
FIELD-PROPERTIES	AFOSR67-2656
FIELD-PROPERTIES	ARL 67-1310
FIELD-PROPERTIES	AFOSR67-0103
FIELD-PROPERTIES	AFOSR67-0349
FIELD-PROPERTIES	AFOSR67-2261
FIELD-PROPERTIES	AFOSR68-1522
FIELD-PROPERTIES	AFOSR68-1273
FIELD-PROPERTIES	AFOSR67-2740
FIELD-PROPERTIES	AFOSR68-1000
FIELD-PROPERTIES	AFOSR67-0406
FIELD-PROPERTIES	AFOSR67-0032
FIELD-PROPERTIES	ARL 67-1346
FIELD-PROPERTIES	AFOSR67-0380
FIELD-PROPERTIES	AFOSR67-1731
FIELD-PROPERTIES	AFOSR68-1208
FIELD-PROPERTIES	AFOSR67-0334
FIELD-PROPERTIES	AFOSR68-1532
FIELD-PROPERTIES	AFOSR68-2739
FIELD-PROPERTIES	AFOSR68-0192
FIELD-PROPERTIES	AFOSR67-1871
FIELD-PROPERTIES	ARL 68-0211
FIELD-PROPERTIES	ARL 68-1002
FIELD-PROPERTIES	AFOSR67-1615
FIELD-PROPERTIES	AFOSR67-1668
FIELD-PROPERTIES	ARL 68-1236
FIELD-PROPERTIES	AFOSR67-0809
FIELD-PROPERTIES	AFOSR67-0151
FIELD-PROPERTIES	AFOSR68-0405
FIELD-PROPERTIES	AFOSR67-1042
FIELD-PROPERTIES	AFOSR68-1669
FIELD-PROPERTIES	AFOSR68-2067
FIELD-PROPERTIES	ARL 68-1136
FIELD-PROPERTIES	AFOSR67-0988
FIELD-PROPERTIES	AFOSR68-1049
FIELD-PROPERTIES	ARL 67-0119
FIELD-PROPERTIES	AFOSR67-1236
FIELD-PROPERTIES	ARL 68-0156
FIELD-PROPERTIES	AFOSR67-0301
FIELD-PROPERTIES	ARL 68-0108
FIELD-PROPERTIES	AFOSR68-2184
FIELD-PROPERTIES	AFOSR67-0307
FIELD-PROPERTIES	AFOSR68-2264
FIELD-PROPERTIES	AFOSR67-1744
FIELD-PROPERTIES	AFOSR67-1870
FIELD-PROPERTIES	AFOSR67-2589
FIELD-PROPERTIES	AFOSR67-0601
FIELD-PROPERTIES	AFOSR67-2417
FIELD-PROPERTIES	AFOSR67-2665
FIELD-PROPERTIES	AFOSR67-1779
FIELD-PROPERTIES	AFOSR68-1284
FIELD-PROPERTIES	AFOSR68-0535
FIELD-PROPERTIES	AFOSR67-2863
FIELD-PROPERTIES	AFOSR67-0681
FIELD-PROPERTIES	AFOSR67-2157
FIELD-PROPERTIES	AFOSR68-1386
FIELD-PROPERTIES	ARL 68-0074
FIELD-PROPERTIES	AFOSR67-1729
FIELD-PROPERTIES	ARL 67-0158
FIELD-PROPERTIES	AFOSR68-0103
FIELD-PROPERTIES	ARL 68-1203
FIELD-PROPERTIES	AFOSR67-2486
FIELD-PROPERTIES	AFOSR67-0661
FIELD-PROPERTIES	AFOSR67-0124
FIELD-PROPERTIES	AFOSR67-0432
FIELD-PROPERTIES	ARL 67-0057

FIELDS

- CONTINUED

THE DIELECTRIC CONSTANT OF BLOCK ELECTRONS IN CROSSED ELECTRIC AND MAGNETIC FIELDS
 RESEARCH ON OBJECTIVE WEATHER FORECASTING ON THE COMPUTATION OF INITIAL WIND FIELDS FOR THE INTEGRATION OF THE
 INVESTIGATIONS OF EXCITED STATES OF IMPURITY CENTERS BY ELASTIC AND ELECTRIC FIELDS
 RADIOFREQUENCY SOURCE OF POTASSIUM RESONANCE RADIATION FOR USE IN KILOGAUSS MAGNETIC FIELDS
 EXPERIMENTAL INVESTIGATION OF AN ELECTRIC ARC IN TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS
 ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION
 EXPERIMENTAL INVESTIGATIONS OF AN ELECTRIC ARC IN TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS
 AN ANALYTICAL STUDY OF A FLUID CYLINDER ARC MODEL BALANCED BY CROSSED MAGNETIC AND FLOW FIELDS FINAL REPORT JAN 1968
 AN EXPERIMENTAL METHOD FOR THE STUDY OF INTERACTIONS BETWEEN ORIGINATING WAVES AND MAGNETIC FIELDS
 EXPERIMENTAL INVESTIGATION OF PLASMA MICROINSTABILITIES IN CROSSED MAGNETIC AND AC ELECTRIC FIELDS
 PHOTON-ASSISTED MAGNETOTUMBLING IN GERMANIUM IN PARALLEL AND CROSSED ELECTRIC AND MAGNETIC FIELDS
 THE SPIN POLARIZED HARTREE-FOCK METHOD AND THE CONTRIBUTION OF CORE POLARIZATION TO HYPERFINE FIELDS OF 4D IONS
 MAGNETIC MOMENT MEASUREMENTS IN SINGLE-CRYSTAL OXYPROSIUM MOLYBIUM EUROPIUM AND GADOLINIUM IN DC FIELDS UP TO 170 KG
 APOSR67-0591
 AFCL67-0093
 ARL 67-1299
 APOSR67-2637
 ARL 67-0232
 APOSR67-1768
 ARL 67-1073
 ARL 68-0010
 APOSR67-1806
 AFCL68-0044
 APOSR68-0178
 APOSR67-1162
 APOSR67-1674

FIGURE
 INTER-JUDGE RELIABILITY OF HUMAN FIGURE DRAWING MEASURES OF FIELD DEPENDENCE
 APOSR67-1836

FILAMENTARY
 INFERIOR ELASTIC STRESS FIELD IN A CONTINUOUS CLOSE-PACKED FILAMENTARY COMPOSITE MATERIAL UNDER UNIAXIAL TENSION
 APOSR68-1906

FILAMENTS
 FILAMENTS IN ELECTRICAL CURRENT FIELDS
 MOMENTUM BALANCE FOR CURRENT FILAMENTS IN MAGNETIC FIELDS FINAL REPORT NOVEMBER 1968
 FORCE-FREE MAGNETIC FIELDS AND SOLAR FILAMENTS
 THE METALLOGRAPHIC STRUCTURE OF CONTINUOUSLY VAPOR-DEPOSITED SiC FILAMENTS
 NUMERICAL EVALUATION OF TEMPERATURE PROFILES AS A FUNCTION OF INTERFACE POSITION IN FILAMENTS UNDERGOING SOLIDIFICATION
 A GENERAL COMPUTER PROGRAM FOR EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING
 ARL 67-1346
 ARL 68-0108
 APOSR68-1824
 ARL 68-0164
 ARL 68-1007
 ARL 68-0084

FILAMENTS
 RESEARCH ON STRUCTURE CHARACTERIZATION OF CONTINUOUS FILAMENTS MATERIALS
 AFML 67-0290

FILING
 COMPOSITION COPYING AND SEMI-MECHANIZED FILING AND SEARCHING DEVICES
 APOSR67-2003

FILIPPOVS
 REMARKS ON SOME RECENT EXTENSIONS OF FILIPPOVS IMPLICIT FUNCTIONS LEMMA
 APOSR68-0161

FILM
 THE FILM INDUSTRY IN COMMUNIST CHINA
 THIN FILM MAGNETIZATION ANALYSIS
 THIN FILM CADMIUM SULFIDE SOLAR CELLS
 MULTILAYER THIN FILM PIEZOELECTRIC TRANSDUCERS
 DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE USE IN ENERGY CONVERSION WITH SOFT AND HARD X-RAY
 PIEZOELECTRIC THIN FILM TRANSDUCERS FINAL REPORT OCT 1967
 PERFORMANCE OF THIN FILM HUMIDITY SENSORS
 CALIBRATION OF THIN FILM RESISTANCE THERMOMETERS FOR HEAT FLUX MEASUREMENTS IN THE SHOCK TUBE
 THE CADMIUM SULFIDE THIN FILM SOLAR CELL
 IMPROVEMENTS IN CdS THIN FILM SOLAR CELLS
 THE CADMIUM SULFIDE THIN FILM SOLAR CELL
 CHEMICAL VAPOR DEPOSITION OF THIN FILM DIELECTRICS
 THRESHOLD EXPOSURE OF PHOTOGRAPHIC FILM AND A COMPARISON BETWEEN THE SENSITIVITIES OF FILM AND IMAGE INTENSIFIER- FILM
 FABRICATION OF VAPOR-DEPOSITED THIN FILM PIEZOELECTRIC TRANSDUCERS FOR THE STUDY OF PHONON BEHAVIOR IN DIELECTRIC
 FABRICATION OF CADMIUM SULFIDE THIN FILM SOLAR CELLS FOR SPACE VEHICLE TESTING FINAL REPORT DEC 1967
 CREEP CHARACTERISTICS OF POLYETHYLENE FILM
 U.S. VULNERABILITIES AS PORTRAYED IN THE EAST GERMAN TELEVISION FILM PILOTS IN PAJAMAS
 THE DEVELOPMENT OF A CONSTITUTIVE RELATION FOR NEOPRENE BALLOON FILM
 DISPERSIVE AND NONDISPERSIVE X-RAY FLUORESCENCE METHODS FOR THE DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE AND
 CALIBRATION AND USE OF AN ELECTRON MICROSCOPE FOR PRECISION MICROMEASUREMENTS IN THIN FILM MATERIALS
 THRESHOLD EXPOSURE OF PHOTOGRAPHIC FILM AND A COMPARISON BETWEEN THE SENSITIVITIES OF FILM AND IMAGE INTENSIFIER- FILM
 A STUDY OF X-RAY FLUORESCENCE METHOD WITH VACUUM AND AIR-PATH SPECTROGRAPHS FOR THE DETERMINATION OF FILM THICKNESSES
 THRESHOLD EXPOSURE OF PHOTOGRAPHIC FILM AND A COMPARISON BETWEEN THE SENSITIVITIES OF FILM AND IMAGE INTENSIFIER- FILM
 APOSR67-0959
 APOSR68-
 ARL 67-1293
 AFCL67-0019
 ARL 67-1243
 AFCL67-0610
 AFCL67-0543
 ARL 67-0236
 ARL 67-1319
 ARL 68-0217
 ARL 68-1612
 APOSR68-1796
 ARL 68-0265
 AFCL67-0627
 ARL 67-0262
 AFCL67-0468
 APOSR68-1625
 AFCL67-0573
 ARL 68-1051
 APOSR67-1933
 ARL 68-0265
 ARL 68-0001
 ARL 68-0265

FILMS
 BASIC PARAMETERS FOR FILMS AND IMAGE INTENSIFIER-FILM COMBINATIONS AND PERFORMANCE COMPARISON FINAL REPORT MARCH 1968
 PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS FINAL REPORT JAN 1967
 LEED STUDY OF GROWTH OF TIN FILMS ON Ni 110
 PHOTOEMISSION FROM SOLID XENON FILMS /ABSTRACT ONLY/
 MECHANICAL BEHAVIOR OF THIN METAL FILMS
 PHOTON-PHONON INTERACTION IN THIN FILMS
 PHOTON-PHONON INTERACTION IN THIN FILMS
 DEPOSITION OF SINGLE CRYSTAL OXIDE FILMS BY EVAPORATION AND SPUTTERING FINAL REPORT AUG 1967
 LEED STUDY OF THE GROWTH OF ALUMINUM FILMS ON THE TA /110/ SURFACE
 O₂ AND CO INTERACTION WITH ALUMINUM FILMS GROWN ON TA /110/ 0508
 STUDIES OF ELECTRON SCATTERING IN THIN FILMS FINAL REPORT MAY 1967
 GROWTH AND STRUCTURE OF SINGLE-CRYSTAL FILMS FINAL REPORT JULY 1968
 HIGH-FIELD ELECTRONIC PHENOMENA IN THIN FILMS
 MAGNETORESISTANCE OF STRAY-FIELD COUPLED FILMS
 REMAGNETIZATION OF FERROMAGNETIC MULTIPLE FILMS AT LIQUID HELIUM TEMPERATURES
 MAGNETIC ANISOTROPY IN FERROMAGNETIC THIN FILMS
 QUANTITATIVE DETERMINATION OF EVAPORATED Si FILMS BY NEUTRON ACTIVATION
 MORPHOLOGICAL CHANGES IN DISCONTINUOUS GOLD FILMS FOLLOWING DEPOSITION
 DETERMINATION OF THICKNESS AND COMPOSITION OF THIN FILMS BY THE METHOD OF X-RAY FLUORESCENCE
 CONDUCTION PROPERTIES OF PYROLYTIC SILICON NITRIDE FILMS
 RELATIVE QUANTUM YIELD FOR PHOTOEMISSION FROM THIN FILMS OF XENON AND KRYPTON
 ATOMIC-REAR SCATTERING FROM EPITAXIALLY GROWN GOLD FILMS
 DEPENDENCE OF COERCIVITY ON DRIVING FIELD IN MULTILAYER FILMS OF NICKEL
 CRITICAL CURRENT AND ELECTRON DEPAIRING IN SUPERCONDUCTING FILMS
 EFFECT OF ELECTROMAGNETIC FORCE ON THE STABILITY OF LIQUID FILMS
 RESEARCH ON STRIPE DOMAIN STRUCTURES IN FERROMAGNETIC METAL FILMS FINAL REPORT JAN 1967
 ON THE NATURE OF SHORT-CIRCUIT DIFFUSION PATHS IN NICKEL OXIDE FILMS
 PHYSICAL CHARACTERIZATION OF ELECTRONIC MATERIALS DEVICES AND THIN FILMS
 HETEROGENEOUS NUCLEATION AND ITS INFLUENCE ON THE STRUCTURE OF THIN FILMS /GERMAN/
 TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES
 RECENT STUDIES OF MOLECULAR BEAM SCATTERING FROM CONTINUOUSLY DEPOSITED GOLD FILMS
 A COMPARISON OF THE CONVERSION EFFICIENCY OF NEAR-INFRARED SENSITIVE PHOTOGRAPHIC FILMS WITH THAT OF STANDARD.
 ANALYSIS OF THE LEONARD AND RAMEY METHOD OF DETERMINING THE THICKNESS OF THIN METALLIC FILMS
 ARL 68-0073
 AFCL67-0081
 ARL 68-1107
 APOSR67-1387
 APOSR68-1499
 ARL 68-0016
 ARL 68-0261
 AFAL 67-0139
 ARL 68-0042
 ARL 68-0087
 AFAL 67-0072
 APOSR68-1909
 AFAL 67-0004
 APOSR68-0164
 APOSR67-0433
 APOSR68-0158
 APOSR68-0332
 APOSR68-0915
 ARL 68-1450
 APOSR68-1286
 APOSR68-1742
 APOSR68-2223
 APOSR67-0250
 APOSR67-0166
 APOSR67-2000
 AFCL67-0219
 APOSR67-1085
 AFCL68-0091
 APOSR67-0506
 APOSR67-1482
 APOSR68-2219
 ARL 68-0256
 APOSR68-0936

FILTER

FILTER DESIGN FOR THE AVERAGE RESPONSE COMPUTER
OPTIMAL ADAPTIVE FILTER REALIZATIONS FOR SAMPLE STOCHASTIC PROCESSES WITH AN UNKNOWN PARAMETER
THE CONCEPT OF A FILTER
SIMPLIFIED MOUNTING FOR QUADRUPOLE MASS FILTER ROOS
APPROXIMATE SOLUTION ALGORITHMS FOR NONLINEAR FILTER PROBLEMS
HEAVILY DOPED SILICON AS A LOW TEMPERATURE TRANSMISSION FILTER FOR THE FAR INFRARED

AFOSR67-1623
AFOSR67-1506
AFOSR67-1649
AFOSR68-0731
AFOSR68-2026
AFOSR67-1343

FILTERPO

ENTROPY OF TURBULENT GAS MACROSCOPIC AND TURBULENT PARTS BOUNDARY-LAYER EXPRESSIONS FOR CERTAINITIES OF FILTERED

AFOSR68-0798

FILTERING

LINEAR FILTERING WITH CONSTRAINTS
OPTIMAL FILTERING FOR CORRELATED NOISE
OPTIMUM FILTERING AND CONTROL OF RANDOMLY SAMPLED SYSTEMS
OPTIMAL FILTERING FOR GAUSS-MARKOV NOISE
NONLINEAR FILTERING THE FACT DYNAMICAL EQUATIONS SATISFIED BY THE CONDITIONAL MODE
OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT PROCESSES - PART I
OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT PROCESSES - PART II
LOWER ORDER LINEAR FILTERING AND PREDICTION OF NONSTATIONARY RANDOM SEQUENCES FINAL REPORT FEB 1967
CORRELATION FUNCTION SPATIAL FILTERING WITH INCOHERENT LIGHT
IDENTIFICATION VIA NON-LINEAR FILTERING
SENSITIVITY ANALYSIS OF DISCRETE FILTERING AND SMOOTHING ALGORITHMS
RECENT RESULTS IN LINEAR AND NON-LINEAR FILTERING
DYNAMICAL EQUATIONS FOR OPTIMAL NONLINEAR FILTERING

AFOSR68-2031
AFOSR67-2899
AFOSR68-0785
AFOSR68-2601
AFOSR67-2178
AFOSR68-0917
AFOSR68-0916
SRL 67-0003
AFOSR67-2152
AFOSR68-0839
AFOSR68-2045
AFOSR68-2451
AFOSR67-1392

FILTERPS

MULTILAYER FILTERS FOR THE REGION 0.8 TO 100 MICRONS FINAL REPORT MAY 1968
DIGITAL MATCHED FILTERS FOR DETECTING GAUSSIAN SIGNALS IN GAUSSIAN NOISE
INVERSE CONVOLUTION FILTERS - AN ITERATIVE TECHNIQUE
ROUND-OFF ERROR OF FLOATING-POINT DIGITAL FILTERS
AN APPROXIMATION TECHNIQUE TO DETERMINE INVERSE FILTERS WITH A MINIMUM NUMBER OF WEIGHTS
THE APPLICATION OF A POSITIVE IMPEDANCE INVERTER TO THE DESIGN OF INTEGRATED SELECTIVE FILTERS

AFCL68-0496
AFOSR68-1919
AFOSR67-1500
AFOSR68-2113
AFOSR67-1505
AFOSR68-0089

FINDING

ANALYSIS OF LUF CONVERSATION PROVIDING ACCOUNTS FINDING BREACHES AND TAKING SIDES FINAL REPORT AUG 1968
COMMENTS ON OPTICAL RADAR AND PASSIVE OPTO-ELECTRONIC RANGE FINDING.

AFOSR68-1942
ARL 68-0262

FINDINGS

FINDINGS ON PLANETARY SURFACES AND ATMOSPHERES FROM A STUDY OF THE PHOTOGRAPHIC COLLECTIONS OF THE I A U PLANETARY

AFCL67-0504

FINE

FINE STRUCTURE OF THE INSECT CORNEA AND CORNEAL NIPPLED DURING ONTOGENESIS
FINE STRUCTURE OF FOURTH ENERGY LEVELS OF SINGLY IONIZED HELIUM
FINE STRUCTURE OF INTRINSIC CHROMOSOMES
FINE STRUCTURE IN THE OPTICAL ABSORPTION EDGE OF Zn SUBOXIDE-SOLID SOLUTIONS
RETINAL FINE STRUCTURE AND VISUAL ORIENTATION FINAL REPORT OCT 1967
THE MANGANESE STAR 53 TAURI II FINE ANALYSIS

AFOSR67-0903
AFOSR67-1221
AFOSR68-2173
ARL 68-0365
AFOSR68-2336
AFOSR67-1119

FINITE

FINITE DEFORMATIONS OF A CYLINDRICAL MEMBRANE LOADED BY A UNIFORM INTERNAL PRESSURE AND AN AXIAL LOAD
FINITE VERSIONS OF THE AXIOM OF CHOICE
FINITE MESH STRUCTURES AND PROPOSITIONAL LOGIC
FINITE TRANSLATIONS IN SOLID-STATE PHYSICS
FINITE STATE CONTROL OF QUADRUPOLE LOCOMOTION
FINITE IONIZATION RATE EFFECTS OVER ELECTRODES IN MHD CHANNELS
FINITE DIFFERENCE SOLUTION OF THE LAMINAR COMPRESSIBLE BOUNDARY LAYER EQUATIONS IN THE VON NISES VARIABLES WITH A FINITE STATE APPROACH TO THE SYNTHESIS OF BIOENGINEERING CONTROL SYSTEMS
SOME FINITE STATE ASPECTS OF LEGGED LOCOMOTION
A NEW FINITE ELEMENT MODEL FOR SOLID CONTINUA
MACROSCOPIC FINITE RESISTIVITY INSTABILITIES-A LITERATURE SURVEY
ASYNCHRONOUS FINITE STATE MODELS OF MANUAL CONTROL SYSTEMS
SYNTHESIS OF FINITE PASSIVE NETWORKS WITH PRESCRIBED POSITIVE REAL MATRICES OF SEVERAL VARIABLES
THE EFFECT OF FINITE ION MASS ON THE STABILITY OF A SPACE CHARGE NEUTRALIZED ELECTRON BEAM
PROPAGATION OF FINITE AMPLITUDE WAVES IN SINGLE CRYSTALS OF HIGH-PURITY ALUMINIUM
ON PRODUCTS OF FINITE DIMENSIONAL STOCHASTIC MATRICES
SOME RESULTS ON FINITE GROUPS WHOSE ORDER CONTAINS A PRIME TO THE FIRST POWER
SOME RESULTS ON FINITE SEMIGROUPS
TWO-DIMENSIONAL FINITE DEFORMATION EXPERIMENTS ON DOGS ARTERIES AND VEINS
THE INFLUENCE OF FINITE ELECTRICAL CONDUCTIVITY ON THE DEVELOPMENT OF A MAGNETICALLY DRIVEN SHOCK IN HCO- ϵ BETA MUCH
MSEEN FLOW PAST A FINITE FLAT PLATE
THE CONVERGENCE OF FINITE ELEMENT METHOD IN SOLVING LINEAR ELASTIC PROBLEMS
EIGENELEMENTS OF THE FINITE FOURIER TRANSFORM AND THEIR APPLICATION TO ANTENNA PATTERN SYNTHESIS
NOTE ON THE NUMBER OF FINITE ALGEBRAS
ON THE INTERACTION OF A FINITE AMPLITUDE PRESSURE PULSE WITH A COMBUSTION REGION
GRAVITATIONAL FIELDS IN FINITE AND CONFORMAL RHOI FRAMES
STATISTICAL MECHANICS OF FINITE SYSTEMS ASYMPTOTIC EXPANSIONS I TWO PEVIT CANONICAL ENSEMBLES- $N \gg V T$ AND $N \gg T$
THEORY VS EXPERIMENT FOR FINITE AMPLITUDE STRESS WAVES
THE DEPENDENCE CAPACITY OF FINITE DORFL FIELDS
BEST APPROXIMATION ON SOME FINITE SETS
ON THE COMPUTER ENUMERATION OF FINITE TOPOLOGIES
ONE CAN HEAR WHETHER A DRUM HAS FINITE AREA
CONFIGURATIONAL DISTRIBUTIONS FOR FINITE CHAIN MOLECULES
SYNCHRONIZATION AND DECOMPOSITION OF FINITE AUTOMATA
WAVEFRONT RECONSTRUCTION WITH LIGHT OF FINITE COHERENCE LENGTH
CONFIDENCE INTERVALS FOR THE MEAN OF A FINITE POPULATION
NUCLEAR EXPLOSIONS IN A IONOSPHERE WITH FINITE ELECTRIC CONDUCTIVITY IN THE PRESENCE OF A UNIFORM MAGNETIC FIELD
SENSITIVITY AND STABILITY ANALYSIS ON A FINITE TIME INTERVAL
FREE MOLECULAR FLOW IN A CIRCULAR TUBE OF FINITE LENGTH
THE EFFECT OF SCANNING ON THE IMPEDANCES OF FINITE BROADSIDE COLLINER AND RECTANGULAR ARRAYS
THE SCATTERING OF ELECTROMAGNETIC WAVES BY A FINITE WEDGE
FREE MOLECULAR FLOW THROUGH A CIRCULAR TUBE OF FINITE LENGTH
A VARIATIONAL PRINCIPLE AND THE CONVERGENCE OF A FINITE- ELEMENT METHOD BASED ON ASSUMED STRESS DISTRIBUTION
A NUMERICAL SOLUTION FOR THE LAMINAR VACUUM REMIND A FINITE FLAT PLATE
INTEGRATION OF THE UNSTEADY NAVIER STOKES EQUATIONS BY FINITE DIFFERENCES
FIRST ORDER FREQUENCY EFFECTS IN SUPRASONIC PANEL FLUTTER OF FINITE CYLINDRICAL SHELLS
OPERATION INSTRUCTIONS AND DESCRIPTION OF COMPUTER PROGRAM FOR FINITE DIFFERENCE SOLUTIONS OF THE LAMINAR COMPRESSIBLE
DERIVATION OF RENORMALIZED RELATIVISTIC PERTURBATION THEORY FROM FINITE LOCAL FIELD EQUATIONS
NOTE ON THE PROPAGATION OF ELASTIC WAVES IN A NONHOMOGENEOUS ROD OF FINITE LENGTH
A GENERALIZED GALERKIN-KANINOVICH TREATMENT OF TRANSIENT EVAPORATION THROUGH A FINITE REGION

AFCL68-0485
AFOSR67-1520
AFOSR67-1525
AFOSR68-0563
AFOSR68-1320
AFOSR68-2222
ARL 67-0050
AFOSR67-0451
AFOSR68-1784
AFOSR68-1880
AFOSR67-1086
AFOSR68-0455
RADC 67-0365
ARL 68-1196
AFOSR67-1039
AFOSR68-0369
AFOSR67-0365
AFOSR67-1274
AFOSR67-1900
AFOSR67-1226
AFOSR67-0289
AFOSR67-2507
AFCL67-0342
AFOSR68-2017
AFOSR67-2430
ARL 67-0029
AFOSR67-1152
AFOSR68-0350
AFOSR67-1868
ARL 68-0104
AFOSR68-1394
AFOSR67-1602
AFOSR68-2630
AFOSR68-2319
AFOSR67-0286
AFOSR67-2366
AFOSR68-0168
AFOSR68-2539
ARL 67-1070
AFCL68-0317
AFCL67-0009
ARL 68-0114
AFOSR68-0384
AFOSR68-1018
ARL 67-1064
AFOSR67-2591
ARL 67-0098
AFOSR67-2608
AFOSR67-1957
ARL 68-0039

FINITE - CONTINUED

CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN ELECTRICALLY THICK TUBULAR ANTENNA DRIVEN BY A VOLTAGE ACROSS A FINITE AFCL67-0377

FINITE-AMPLITUDE

STEADY PROFILE OF A FINITE-AMPLITUDE KINEMATIC WAVE ON A GLACIER AFOSR68-1113
GROWTH OF DISTORTION IN A FINITE-AMPLITUDE SOUND WAVE IN AIR AFOSR67-0480

FINITE-DIFFERENCE

FINITE-DIFFERENCE SOLUTIONS FOR PLANE STRESSES AFOSR68-2110
A FINITE-DIFFERENCE SOLUTION OF SIMILAR NONEQUILIBRIUM BOUNDARY LAYERS AFOSR68-0448
A FINITE-DIFFERENCE METHOD FOR DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS AFOSR68-2518
ON THE STABILITY AND CONVERGENCE OF THE SO-CALLED /FORWARD AND CENTERED FINITE-DIFFERENCE/ AFCL68-0290

FINITE-ELEMENT

APPLICATION OF THE SMOOTH-SURFACE INTERPOLATION TO THE FINITE-ELEMENT ANALYSIS AFOSR67-1890

FINITE-PART

REMOVAL OF POINT-LOOP AMBIGUITIES THROUGH FINITE-PART RENORMALIZATION AFOSR67-0593

FINITE-STATE

ON THE EQUIVALENCE OF FINITE-STATE SEQUENTIAL MACHINE MODELS AFOSR68-2104

FINITE-TEMPERATURE

FINITE-TEMPERATURE TRANSPORT PROPERTIES OF NORMAL FERMION SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE MODEL AFOSR67-0066

FINITELY

FINITELY CONVEX SETS OF NONLINEAR DIFFERENTIAL EQUATIONS AFOSR67-0778
STIFFNESS OF FINITELY DEFORMABLE MEMBRANES FINAL REPORT JULY 1967 AFOSR68-0241
NATURAL VIBRATIONS OF FINITELY DEFORMABLE STRUCTURES AFOSR68-0347

FINITENESS

CLOSURES WHICH PRESERVE FINITENESS IN FAMILIES OF LANGUAGES AFCL67-0665

FINNED

VORTEX INDUCED ROLLING MOMENTS ON FINNED MISSILES AT HIGH ANGLE OF ATTACK AFCL68-0809
WIND-TUNNEL MEASUREMENT AT $M = 4.2$ OF SOME STATIC AND DYNAMIC AERO-DYNAMIC CHARACTERISTICS OF FINNED MISSILES ARL 68-0286

FINNISH

SPECIAL REVIEW PART I: PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH AFOSR67-2267
SPECIAL REVIEW PART II: PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH AFOSR67-2268

FIREFLIES

MECHANISMS FOR PHOTIC INHIBITION OF FLASHING IN FIREFLIES AFOSR68-2718
EFFECTS OF CASTRATION OF THE INHIBITION OF FLASHING IN FIREFLIES AFOSR68-2709

FIREFLY

NERVOUS CONTROL OF FLASHING IN THE FIREFLY LUCIOLA ITALICA L AFOSR68-2717
CENTRAL AND PERIPHERAL MECHANISMS IN THE MODULATION OF FLASHING IN THE FIREFLY LUCIOLA ITALICA L AFOSR68-2716

FIRING

INSTABILITY OF FIRING THRESHOLD AND REMOTE ACTIVATION IN CORTICAL NEURONES AFOSR67-1047
(U) SOUND PRESSURE LEVELS AND SPECTRA FROM FIRING A CLASS OF SOVIET ROCKETS AFCL68-0457

FIRST

FIRST RESULTS OF SEISMOLOGICAL INVESTIGATION RELATED WITH THE IBERIAN PENINSULA REGION AFOSR67-0308
FIRST LIMIT OF THE HYDROGEN AND OXYGEN REACTION IN VESSELS COATED WITH BARIUM BROMIDE AFOSR67-1990
FIRST ORDER FREQUENCY EFFECTS IN SUPERSONIC PANEL FLUTTER OF FINITE CYLINDRICAL SHELLS AFOSR67-2591
THE FIRST BOUNDARY VALUE PROBLEM FOR CERTAIN LINEAR ELLIPTIC DIFFERENTIAL EQUATIONS INVOLVING TWO SMALL PARAMETERS AFOSR67-2245
ON THE FIRST EXCITED STATE OF NO SUPER PLUS AFCL68-0074
LIFETIME OF THE FIRST EXCITED ATOMIC STATES OF RUBIDIUM BY ATOM AFOSR68-2108
CRYSTAL GEOMETRY OF FIRST ORDER PHASE TRANSFORMATIONS ARL 67-1186
DETERMINATION OF THE FIRST DERIVATIVES OF THE DISTURBING POTENTIAL BY GREENS FUNDAMENTAL FORMULA AFCL67-0616
DIRECT MEASUREMENT OF FIRST COLLISION EFFECTS IN RAREFIED HIGH SPEED FLOWS AFOSR67-2059
A LOWER BOUND FOR THE FIRST EIGENVALUE OF SECOND ORDER ELLIPTIC OPERATORS AFOSR68-2001
UNIVALENT FUNCTIONS WHOSE n FIRST COEFFICIENTS ARE REAL AFOSR68-2617
STEREO CHEMISTRY OF SELECTED COMPLEXES OF FIRST ROW TRANSITION ELEMENTS ARL 68-1046
NON-EQUILIBRIUM FLOW FIELD EQUATIONS TO WITHIN FIRST ORDER TERMS IN THE AFFINITIES FINAL REPORT JULY 1968 AFOSR68-1929
STRUCTURE OF LIQUIDS VI SOME CHARACTERISTICS OF FIRST-ORDER DENSITY EXPANSIONS OF RADIAL DISTRIBUTION DIRECT AFOSR67-2576
THE EAST COAST ONSHORE/OFFSHORE EXPERIMENT I: THE FIRST ARRIVAL PHASES FINAL REPORT MARCH 1967 AFOSR67-0852
PRIMERAS JORNADAS LATINO AMERICANAS DE ACUSTICA /FIRST LATIN AMERICAN SYMPOSIUM ON ACOUSTICS CORDOBA ARGENTINA 17-23 MAY AFOSR67-1954
RELATION BETWEEN PHOTOELASTICITY ELECTROSTRICTION AND FIRST ORDER RAMAN EFFECT IN CRYSTALS OF THE DIAMOND STRUCTURE AFOSR68-0932
DETERMINATION OF NUCLEAR MATRIX ELEMENT PARAMETERS IN THE FIRST FORBIDDEN BETA DECAY OF ^{88}Sr AND ^{88}Zr ARL 67-1044
SLEEP STUDY IN SURGICAL SCLEROSING LEUCOENCEPHALITIS /SSPE/ /FIRST RESULTS/ AFOSR68-2690
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF FIRST ORDER ARL 67-1182
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER ARL 68-1295
SOME RESULTS ON FINITE GROUPS WHOSE ORDER CONTAINS A PRIME TO THE FIRST POWER AFOSR67-0365
THE CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER ARL 68-1281
THE REACTION OF PHENYL/TRIHALOMETHYL/MERCURIALS WITH HEXAMETHYLOITIN THE FIRST CASE OF DIMALOCARBENE INSERTION INTO A AFOSR67-1656
WIDE AND /VISUAL SPECTRUM/ PHOTOELECTRIC PHOTOMETRY OF PAGEOS DURING ITS FIRST FIFTEEN MONTHS IN ORBIT ARL 68-1140

FIRST-LIST

ABSOLUTE RECOVERY OF FIRST-LIST RESPONSES FROM UNLEARNING DURING 26 MINUTES FILLED WITH AN EASY RE DIFFICULT AFOSR67-2233

FIRST-ORDER

FIRST-ORDER PHASE TRANSITIONS IN SPIN-ONE ISING SYSTEMS AFOSR67-2035
THE USE OF THE FIRST-ORDER RATE EQUATION IN TREATING KINETIC DATA AFOSR67-0539
SOME PROPERTIES OF THE SOLUTION OF THE FIRST-ORDER VARIATIONAL EQUATIONS OF THE RESTRICTED THREE-BODY PROBLEM AFOSR68-1413

FIRST-PRINCIPLES

ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS -- REFINEMENT OF FIRST-PRINCIPLES ENERGY BAND MODELS ARL 68-0244

FISH	
ORGAN GROWTH IN THE PUFFER FISH SPHAPROIDS MACULATUS SCHECTRICULAR CANAL AND OTOLITHIC ORGAN FUNCTION IN FRESH SWIMMING FISH FINAL REPORT SEPT 1968	AFOSR67-1320 AFOSR68-2150
FISSION	
KINON VIELDS IN THE FISSION OF HEAVY ELEMENTS BY MEDIUM- ENERGY PROTONS	AFOSR67-0488
FITTING	
ON FITTING WITH FUNCTIONAL POLYNOMIALS A METHOD FOR FITTING LINEARLY SEGMENTED MULTI-LAYER ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER BOUNDARY TABLES TO FACILITATE FITTING 5 SUB U FREQUENCY CURVES A PATTERN RECOGNITION MODEL FOR ON-LINE CURVE FITTING AN APPLICATION OF THRESHOLD THEORY DECODING OF HOSP-CHAUDHURI-HOCQUENGHEM CODES AND PRONY'S METHOD FOR CURVE FITTING	AFOSR67-1947 AFOSR67-0198 AFOSR67-0683 AFOSR68-0037 AFOSR68-0748
FIXED	
FIXED CHARGE IN THE CELL MEMBRANE SCRE: ING OF A FIXED CHARGE IN BISMUTH METAL MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION IN A FIXED DOMAIN AND AN APPLICATION TO A PROBLEM OF NATURAL CONVECTION FROM A HORIZONTAL CYLINDER IN THE PRESENCE OF A SOUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS A FREE BOUNDARY PROBLEM FOR THE HEAT EQUATION WITH PRESCRIBED FLUX AT BOTH FIXED FACE AND MELTING INTERFACE	AFOSR67-1870 AFOSR68-0568 AFOSR68-1987 ARL 68-0048 AFOSR67-1381
FIXED-WORD-DURATION	
FIXED-WORD-DURATION VARIABLE-DATA-RATE PROCEDURES FOR FEEDBACK COMMUNICATION SYSTEMS	AFOSR67-0370
FIXING	
PHOTOPOLYMERIZATION STUDIES II IMAGING AND OPTICAL FIXING	AFOSR68-2012
FIXMAN	
SIMPLIFICATION AND SYMMETRIZATION OF THE FIXMAN RELATION FOR VISCOSITY OF CRITICAL MIXTURES	AFOSR67-1261
FLAME	
FLAME PROPAGATION ALONG THE INTERFACE BETWEEN A GAS AND A REACTING MEDIUM FLAME PROPAGATION OVER THE SURFACE OF A PLASTIC FUEL IN AN OXIDIZING ATMOSPHERE FINAL REPORT OCT 1967 FLAME SPECTROMETRY ATOMIC FLUORESCENCE VS ATOMIC ABSORPTION CONSTANT PRESSURE FLAME CALORIMETRY WITH FLUORINE II THE HEAT OF FORMATION OF OXYGEN DIFLUORIDE ATOMIC FLUORESCENCE FLAME SPECTROMETRY A STUDY OF THE PREMIXED FLAME OF CYANOGEN-OXYGEN-BORON TRICHLORIDE AS A LUMINOUS SOURCE INFLUENCE OF TYPE OF TURBULENT FLAME ON LIMITS OF DETECTION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY MEASUREMENT OF PERMANENT GASES BY A FLAME EMISSION GAS CHROMATOGRAPHIC DETECTOR THE CONCEPT OF A MEAN TEMPERATURE IN THE FLAME REACTION ZONE ESTIMATION OF LIMITS OF DETECTION FOR THE FLAME EMISSION GAS CHROMATOGRAPHIC DETECTOR MEASUREMENT OF FLOW RATE AND PRESSURE OF GASES IN FLAME SPECTROMETRY USE OF A CONTINUOUS SOURCE OF EXCITATION AN ARGON-HYDROGEN- AIR FLAME AND AN EXTENDED FLAME CELL FOR ATOMIC ABSORPTION MEASUREMENT OF THE FREE ATOM FRACTION OF 22 ELEMENTS IN AN ACETYLENE-AIR FLAME INFLUENCE OF TYPE OF TURBULENT FLAME ON LIMITS OF DETECTION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY USE OF A CONTINUOUS SOURCE OF EXCITATION AN ARGON-HYDROGEN- AIR FLAME AND AN EXTENDED FLAME CELL FOR ATOMIC ABSORPTION INTENSITY OF ATOMIC FLUORESCENCE AS A FUNCTION OF ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS OF THE CYANOGEN-OXYGEN-BORON TRICHLORIDE FLAME SYSTEM MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS OF THE CYANOGEN-OXYGEN-BORON TRICHLORIDE FLAME SYSTEM EXPERIMENTAL INVESTIGATION OF ELECTRODELESS DISCHARGE LAMPS AS EXCITATION SOURCES FOR ATOMIC FLUORESCENCE FLAME DERIVATION OF EXPRESSIONS FOR CALCULATION OF LIMITING DETECTABLE ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE FLAME	AFOSR67-2081 AFOSR68-1163 AFOSR68-1804 AFOSR68-1582 AFOSR68-0355 ARL 68-1074 AFOSR67-2812 AFOSR67-2810 AFOSR68-0171 AFOSR68-0377 AFOSR68-0405 AFOSR67-1305 AFOSR67-1038 AFOSR67-2812 AFOSR67-1305 AFOSR67-1299 ARL 68-0327 ARL 68-1082 AFOSR68-1803 AFOSR67-1302
FLAME-PILOTING	
FLAME-PILOTING MECHANISMS IN LIQUID PROPELLANT ROCKET ENGINES	AFOSR67-0938
FLAMES	
FLAMES KINETICS AND SPECTROSCOPY DIFFUSION FLAMES AND SUPERSONIC COMBUSTION FINAL REPORT OCT 1966 DIFFUSION FLAMES AND SUPERSONIC COMBUSTION FINAL REPORT OCT 1967 ION-MOLECULE REACTIONS IN FLAMES FINAL REPORT AUG 1968 CO CHEMILUMINESCENCE FROM FLAMES CO FISSION FROM ACETYLENE-OXYGEN FLAMES KINETICAL STUDY OF HYDROGEN-NITROUS OXIDE FLAMES THERMAL EQUILIBRIUM IN TURBULENT DIFFUSION FLAMES IDENTITY OF IONS CREATED BY ELECTRON IMPACT IN FLAMES THE INTERNAL STRUCTURE OF HYDROGEN-AIR DIFFUSION FLAMES A STUDY OF THE CHEMILUMINESCENCE FROM OXYGEN-ATON-HYDRAZINE FLAMES RADICAL CONCENTRATIONS AND DECAYS IN LEAN HYDROGEN-- NITROGEN-OXYGEN FLAMES THE LUMINOUS CHARACTERISTICS OF CYANOGEN-OXYGEN-BORON TRICHLORIDE DIFFUSION FLAMES ENERGY DISTRIBUTION IN ELECTRONICALLY EXCITED CH AND CARRON IN LOW PRESSURE HYDROCARBON FLAMES	AFOSR68-2199 AFOSR67-0098 AFOSR68-0066 AFOSR68-1923 AFOSR68-2512 AFOSR67-1106 AFOSR68-1247 AFOSR67-2514 ARL 67-0156 AFOSR67-0649 AFOSR67-1049 AFOSR67-1641 ARL 68-0177 AFOSR68-1577
FLARE	
A STATISTICAL SUMMARY OF SOLAR FLARE REPORTS AND OBSERVATORY PRACTICES FOR THE PERIOD 1955 - 1964 A COMPANION OF REPORTED SOLAR FLARE OCCURRENCE TIMES AND FLARE PATROL TIMES 1955-1964 THE OPERATING HISTORY OF THE INTERNATIONAL SOLAR FLARE PATROL 1955-1964 A COMPARISON OF REPORTED SOLAR FLARE OCCURRENCE TIMES AND FLARE PATROL TIMES 1955-1964	AFOSR67-0105 AFOSR67-0605 AFOSR67-0135 AFOSR67-0605
FLARES	
SOLAR FLARES A MODEL OF SOLAR FLARES MODEL OF THE HIGH-ENERGY PHASE OF SOLAR FLARES ENHANCED INTERPLANETARY SCINTILLATIONS ASSOCIATED WITH SOLAR FLARES	AFOSR68-1750 AFOSR68-1845 AFOSR67-0099 AFOSR67-1179
FLASH	
FLASH PHOTOLYSIS STUDIES OF 1,3,5-CYCLOOCTATRIENE A REVERSIBLE RING OPENING FLASH PHOTOLYSIS UNDER NON-ISOTHERMAL CONDITIONS LASER FLASH HEATING TECHNIQUES FOR ATOMIC ABSORPTION SPECTROSCOPY RECOMBINATION OF RR ATOMS BY FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE KINETIC STUDIES ON HEMOGLOBIN BY FLASH PHOTOLYSIS FINAL REPORT JAN 1967 KINETICS STUDIES ON HEMOPROTEINS BY FLASH PHOTOLYSIS FINAL REPORT JAN 1968 KINETICS OF ATOMIC ASSOCIATION REACTIONS USING FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE FINAL REPORT NOV 1968	AFOSR67-2403 AFOSR67-2655 ARL 67-0267 AFOSR68-0790 AFOSR67-0521 AFOSR68-0524 AFOSR68-2756
FLASHES	
HYDROGEN MIXING BY HELIUM-SHELL FLASHES	AFOSR67-0061

FLASHING

NERVOUS CONTROL OF FLASHING IN THE FIREFLY LUCIOLA ITALICA L
MECHANISMS FOR PHOTIC INHIBITION OF FLASHING IN FIREFLY
EFFECTS OF CASTRATION OF THE INHIBITION OF FLASHING IN FIREFLY
CENTRAL AND PERIPHERAL MECHANISMS IN THE MODULATION OF FLASHING IN THE FIREFLY LUCIOLA ITALICA L

AFOSR66-2717
AFOSR66-2718
AFOSR66-2709
AFOSR66-2716

FLAT

GREEN FLOW PAST A FINITE FLAT PLATE
SURFACE MEASUREMENTS ON SHARP FLAT PLATES AND WEDGES IN LOW-DENSITY HYPERSONIC FLOW
SOME TOTAL INVARIANTS OF ASYMPTOTICALLY FLAT SPACE-TIMES
LAMINAR HEAT TRANSFER TO A TWO DIMENSIONAL BLUNT FLAT NOSED BODY IN TRANSONIC AND SUPERSONIC FLOW
THE THREE-DIMENSIONAL WAKE BEHIND AN OBSTACLE ON A FLAT PLATE
HEAT TRANSFER ON WIND FLOW IN THE ENTRANCE REGION OF A FLAT DUCT
A NOTE ON THE VARIATION OF THE UNIT REYNOLDS NUMBER ON A FLAT PLATE AS A FUNCTION OF THE ANGLE OF ATTACK FINAL REPORT
A NUMERICAL SOLUTION FOR THE LAMINAR WAKE BEHIND A FINITE FLAT PLATE
A DETAILED STUDY OF THE FLOW AROUND THE LEADING EDGE OF A FLAT PLATE IN HYPERSONIC LOW DENSITY FLOW
BOUNDARY-LAYER ANALYSIS OF TWO-PHASE FLOW OVER AN OSCILLATING FLAT PLATE
INVARIANT CALCULATION OF SOME TOTAL PROPERTIES OF ASYMPTOTICALLY FLAT SPACE TIME
COMPRESSIBLE LAMINAR MAGNETOHYDRODYNAMIC BOUNDARY LAYER FLOW INSIDE A FLAT DUCT WITH HEAT TRANSFER
STUDIES OF THE LEADING EDGE EFFECT ON THE RAREFIED HYPERSONIC FLOW OVER A FLAT PLATE
ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING FLAT PLATE IN A

AFOSR67-0289
AFOSR66-0645
ARL 66-0172
ARL 66-0614
AFOSR66-1666
AFOSR66-0726
ARL 66-0030
AFOSR66-1018
ARL 66-1112
ARL 67-0287
ARL 67-1100
AFOSR66-0598
ARL 66-1000
ARL 67-0124

FLAT-ROOF

MOODS IN STABLE AND UNSTABLE REGIONS OF THE FLAT-ROOF OPEN RESONATOR

AFCHL67-0357

FLEXIBILITY

CONFORMATIONAL FLEXIBILITY OF THIANTHRENE AND ITS OXIDES

AFOSR67-2416

FLEXIBLE

SPIN PROPULSION OF LARGE FLEXIBLE SATELLITES BY THE SOLAR RADIATION FIELD
STRESS AND DEFORMATION ANALYSIS OF FLEXIBLE BALLOONS FINAL REPORT MAR 1967
LIQUID MOTION IN A CIRCULAR CYLINDRICAL CONTAINER WITH A FLEXIBLE BOTTOM

ARL 66-1097
AFCHL67-0345
AFOSR66-0221

FLEXURAL

EXPERIMENTAL OBSERVATIONS ON THE NONLINEAR FLEXURAL VIBRATIONS OF THINWALLED CIRCULAR CYLINDERS

AFOSR66-0516

FLEXURE

ON THE FLEXURE OF AN INFINITE ELASTIC PLATE CONTAINING A LARGE UNSTRESSED CIRCULAR HOLE

AFOSR66-0816

FLIGHT

FLIGHT CONTROL SYSTEMS AND LAUNCHING TECHNIQUES FOR AIR BALLAST SYSTEMS
TIME OF FLIGHT MEASUREMENTS IN AN ARGON BEAM DEFLECTED BY A HEATED PLATINUM TARGET
DESIGN DEVELOPMENT AND FLIGHT TEST OF THE VIPER DART ROBIN METEOROLOGICAL ROCKET SYSTEM FINAL REPORT JUNE 1968
UHF TELEMETRY SYSTEM TEST FLIGHT
NO-0 CHEMILUMINESCENCE STUDIES FLIGHT AND WIND TUNNEL EXPERIMENTS FINAL REPORT JAN 1967
SOME STRUCTURAL PROBLEMS OF SPACE FLIGHT
RADAR OBSERVATIONS OF INSECTS IN FREE FLIGHT
OPTIMIZATION PROBLEMS IN POWERED SPACE FLIGHT
ANALYSIS OF BRAIN WAVE RECORDS FROM GEMINI FLIGHT GT-7 BY COMPUTATIONS TO BE USED IN A THIRTY DAY PRIMATE FLIGHT
OSCILLATORY CONTRACTILE MECHANISM OF INSECT FLIGHT MUSCLE
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
PROCEEDINGS OF THE THIRD SYMPOSIUM ON THE PLASMA SHEATH- PLASMA ELECTROMAGNETICS OF HYPERSONIC FLIGHT VOLUME II
A ROCKET BORNE AIR DENSITY MEASUREMENT SYSTEM UTILIZING ELECTRON-BREMSSTRAHLUNG-CALIBRATION AND FLIGHT
ANALYSIS OF BRAIN WAVE RECORDS FROM GEMINI FLIGHT GT-7 BY COMPUTATIONS TO BE USED IN A THIRTY DAY PRIMATE FLIGHT

AFCHL67-0579
AFOSR66-0464
AFOSR66-0418
AFCHL66-0445
AFCHL67-0193
AFOSR67-2787
AFCHL67-0127
AFOSR67-0294
AFOSR67-1881
AFOSR67-2253
ARL 66-1189
ARL 66-1362
AFCHL67-0280
AFCHL67-0813
AFOSR67-1881

FLIGHTS

REPORT ON HIGH ALTITUDE ROBIN FLIGHTS OCTOBER 1966

AFCHL67-0433

FLIP

DESIGN AND IMPLEMENTATION OF FLIP A LISP FORMAT DIRECTED LIST PROCESSOR

AFCHL67-0514

FLIP-FLOP

NANOSECOND TIME DIFFERENCES BY DYNAMIC STORAGE OF FLIP-FLOP PULSES

AFCHL67-0545

FLOATING-POINT

ROUND-OFF ERROR OF FLOATING-POINT DIGITAL FILTERS

AFOSR66-2113

FLORIDE

MUCIFAR SPIN-LATTICE RELAXATION IN CALCIUM FLORIDE CRYSTALS VIA PARAMAGNETIC CENTERS

AFOSR66-0836

FLOURIDE

PARAMAGNETIC-RESONANCE STUDY OF THE DYNAMIC JAHN-TELLER EFFECT IN CALCIUM FLOURIDE SCANDIUM TWO PLUS AND STRONTIUM

AFOSR67-1203

FLOURINES

TEMPERATURE-DEPENDENT HYPERFINE COUPLING CONSTANTS OF MN2 PLUS IN FLOURIDES

AFOSR66-1459

FLOW

FLOW AND ELECTRIC FIELD EFFECTS ON THE RESPONSE OF A STAGNATION POINT MASS SPECTROMETER FINAL REPORT OCT 1967
FLOW OF A RAREFIED GAS IN A TURN OF ANNULAR SECTION
FLOW WITH COUPLED RADIATIVE AND VIBRATIONAL NONEQUILIBRIUM IN A DIATOMIC GAS
FLOW INVESTIGATION ABOUT A FIN PLATE MODEL AT A MACH NUMBER OF 11.26 FINAL REPORT SEP 1967
FLOW STRUCTURES WITH STATIONARY CORES
FLOW VISUALIZATION IN AN INCOMPRESSIBLE MEDIUM
FLOW AND HEAT TRANSFER PHENOMENA OF PLASMA ARCS MAGNETICALLY BALANCED IN A CROSS FLOW
FLOW PROBLEMS OF MGD
FLOW VISUALIZATION USING GLOW DISCHARGE AT HYPERSONIC MACH NUMBERS
THE FLOW PAST A CIRCULAR CYLINDER WHICH IS STARTED IMPULSIVELY FROM REST
THE FLOW FIELD IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO-DIMENSIONAL WEDGE-FLAT PLATE MODEL
THE FLOW FIELD AND HEAT TRANSFER DOWNSTREAM OF A REARWARD FACING STEP IN SUPERSONIC FLOW FINAL REPORT MARCH 1967
THE FLOW UPSTREAM OF A BLUNT BODY IN HYPERSONIC FLOW FROM CONTINUUM TO NEARLY FREE MOLECULE CONDITIONS
HEAT FLOW IN A SUPERCONDUCTOR IN THE VORTEX STATE

AFCHL67-0607
AFOSR67-0137
AFOSR66-1695
ARL 67-0186
ARL 67-0192
ARL 67-1210
ARL 67-1335
ARL 66-1026
ARL 66-1048
AFOSR66-0360
ARL 67-0005
ARL 67-0056
ARL 66-1109
AFOSR67-0746

HEAT FLOW BETWEEN NORMAL AND SUPERCONDUCTING REGIONS
 SOME FLOW PROBLEMS OF MHD
 POWER FLOW FROM A SHORT ANTENNA IN A LOSSY UNIAxIAL MEDIUM
 THIN FLOW PART I: FINITE FLAT PLATE
 FLUID FLOW IN AN ELECTRICALLY CONDUCTIVE FLUID
 NOZZLE FLOW OF A CHEMICALLY REACTING AND A RADIATING IONIZED GAS
 SIGNAL FLOW GRAPHS OF SAMPLED-DATA SYSTEMS: A NEW FORMULATION
 ANNUAL FLOW MHD DEVICE USING POTASSIUM GAS FINAL REPORT APRIL 1966
 VISCOUS FLOW IN A PIPE WITH ABSORBING WALLS
 LAMINAR FLOW ALONG A VERTICAL WALL
 A SOURCE FLOW MODEL FOR CONTINUUM GAS-PARTICLE FLOW
 HYPERSONIC FLOW OF BLUNT DELTA WINGS AT LOW ANGLES OF ATTACK I: SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION
 SUPERSONIC FLOW SEPARATION ON A BACKWARD FACING STEP
 SUPERFLUID FLOW TRANSITIONS IN ROTATING NARROW ANNULI
 NATURE OF THE FLOW IN A SWIRL CHAMBER HAVING ENDWALL FLOW REVERSAL FINAL REPORT JULY 1968
 LASER DOPPLER FLOW METER
 MEASUREMENT OF FLOW RATE AND PRESSURE OF GASES IN PLANE SPECTROMETRY
 MHD ROUND PIPE FLOW EXPERIMENTS. FINAL REPORT, DEC 1967
 FREE MOLECULAR FLOW IN A CIRCULAR TUBE OF FINITE LENGTH
 FREE MOLECULAR FLOW THROUGH A CIRCULAR TUBE OF FINITE LENGTH
 NON-EQUILIBRIUM FLOW FIELD EQUATIONS TO WITHIN FIRST ORDER TERMS IN THE APPINITIES FINAL REPORT JULY 1968
 INVESTIGATION OF FLOW SEPARATION OVER A REARWARD-FACING STEP IN A HYPERSONIC STREAM
 VISCOUS-TRANSONIC FLOW IN THE ACCRETION AND STELLAR-WIND PROBLEMS
 HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES HAVING SHARP LEADING EDGES
 VISCOUS HYPERSONIC FLOW AROUND A BLUNT BODY
 VISCOUS HYPERSONIC FLOW PAST SLENDER BODIES AT INCIDENCE
 HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES WITH SHARP LEADING EDGES
 VISCOUS HYPERSONIC FLOW OVER POINTED CONES AT LOW REYNOLDS NUMBERS
 MAGNETOHYDRODYNAMIC FLOW IN A RECTANGULAR DUCT WITH CONDUCTING ELECTRODES
 CYLINDRICAL CHIFFIC FLOW OF A RAREFIED GAS
 SUPERSONIC SEPARATED FLOW DOWNSTREAM OF A BACKWARD FACING STEP
 HEAT TRANSFER ON MHD FLOW IN THE ENTRANCE REGION OF A FLAT DUCT
 SOME REMARKS ON HEAT FLOW AND GRAVITY ANOMALIES
 SOLUTION OF NONLINEAR FLOW PROBLEMS THROUGH PARAMETRIC DIFFERENTIATION
 LECTURES ON TURBULENT FLOW
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I: THE AND EXPERIMENTAL STUDY OF A 70 DEGREE BLUNT DELTA WING FOR
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II: GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III: GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE
 LAMINAR PARALLEL PLATE FLOW WITH ARBITRARY THERMAL CONDITIONS FINAL REPORT JAN 1967
 LAMINAR BOUNDARY LAYER FLOW WITH MASS TRANSFER
 STABILITY OF SUPERFLUID FLOW IN AN ANNULUS
 A DETAILED STUDY OF THE FLOW AROUND THE LEADING EDGE OF A FLAT PLATE IN HYPERSONIC LOW DENSITY FLOW
 THE DAMPING OF TURBULENT FLOW BY LONG-CHAIN MOLECULES
 MORPHOLOGY OF INFORMATION FLOW
 A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES
 A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES
 MODERN OPTICS DIRECTED TO FLOW VISUALIZATION APPLICATIONS
 ABSOLUTE DETERMINATION OF FLOW PARAMETERS IN A LOW DENSITY HYPERSONIC TUNNEL. PART I: ELECTRON BEAM STUDIES OF
 REFRACTION OF SOUND BY JET FLOW AND JET TEMPERATURE II
 THE VISCOUS INCOMPRESSIBLE FLOW PAST A CIRCULAR CYLINDER AT MODERATE REYNOLDS NUMBERS
 SLOT COOLING AT HIGH SPEED FLOW
 RESEARCH IN MULTICOMPONENT FLOW
 A MATHEMATICAL MODEL OF THE FLOW OF DATA IN A MANAGEMENT INFORMATION SYSTEM
 THE INFLUENCE OF ROTATION ON FLOW IN A LONG RECTANGULAR CHANNEL - AN EXPERIMENTAL STUDY
 UNSTEADY MAGNETOHYDRODYNAMIC FLOW PAST THIN RODS WITH INWARDLY DIFFUSING MAGNETIC FIELD
 AN EXPERIMENTAL STUDY OF THE FLOW IN A LOW-PRESSURE SWIRL CHAMBER
 EFFECTS OF THE STEFAN-NUSSLETT FLOW ON THE APPARENT KINETICS OF HETEROGENEOUS CHEMICAL REACTIONS IN FORCED CONVECTION
 STABILITY OF HELMHOLTZ PLASMA FLOW IN A DISCONTINUOUS MAGNETIC FIELD
 STABILITY OF TURBULENT CHANNEL FLOW WITH APPLICATION TO WALKUS'S THEORY
 COMMON TERMINAL MULTICOMPONENT FLOW
 FREE SURFACE PROBLEMS IN FLUID FLOW
 MAGNETOHYDRODYNAMIC LUBRICATION FLOW BETWEEN PARALLEL PLATES
 EXPLORATIONS OF SUPERSONIC SHEAR FLOW OVER A CAVITY
 VARIABLE CONDUCTIVITY MHD COUETTE FLOW
 EXCHANGE TORQUE POWER AND MOMENTUM FLOW AND STRESS IN A RIGID FERRIMAGNET
 WALL SHEAR STRESS DISTRIBUTION FOR FLOW AROUND A CIRCULAR CYLINDER AT REYNOLDS NUMBER BETWEEN 60 AND 340
 NON-LINEAR CONTINUUM MECHANICS AND FLOW PROPERTIES OF NON-NEWTONIAN FLUIDS FINAL REPORT AUG 1968
 VELOCITY GRADIENTS AT THE WALL FOR FLOW AROUND A CYLINDER FOR REYNOLDS NUMBERS BETWEEN 60 AND 300
 A FACILITY FOR BLUNT BODY RE-ENTRY FLOW SIMULATION
 AN EXPERIMENTAL STUDY OF SUPERSONIC FLOW OVER A REARWARD FACING STEP
 COMPRESSIBLE TURBULENT PLANE COUETTE FLOW
 BOUNDARY-LAYER ANALYSIS OF TWO-PHASE FLOW OVER AN OSCILLATING FLAT PLATE
 HEAT TRANSFER AND RELATED SUPERSONIC FLOW STRUCTURE FOR AERODYNAMIC REARWARD-FACING SURFACE STEPS
 RESEARCH OF TWO-DIMENSIONAL TRANSONIC FLOW PATTERNS OF COMP FLUIDS FINAL REPORT OCT 1968
 ON NUMERICAL CALCULATION OF TRANSONIC FLOW PATTERNS
 MOMENTUM AND HEAT TRANSFER IN LAMINAR FLOW OF GAS WITH LIQUID DROPLET SUSPENSION OVER A CIRCULAR CYLINDER
 SURFACE DISLOCATION SOURCES AND PLASTIC FLOW IN SILVER MONOCRYSTALS
 STABILITY OF TWO-DIMENSIONAL POISEUILLE FLOW
 ON COMPRESSIBLE TURBULENT-PLANE COUETTE FLOW
 THEORY OF A THERMAL FLUXMETER IN A SHEAR FLOW
 ROTATIONAL TEMPERATURE MEASUREMENT OF THE FLOW EXPANDING FROM A LOW DENSITY SONIC ORIFICE
 DRAG ON AN OBJECT IN NEARLY-FREE MOLECULAR FLOW
 CONTINUOUS GAS MIXING BY THE USE OF CRITICAL FLOW THROUGH SMALL DIAMETER TUBES
 RADIATION OF HYDRODYNAMIC ENTRANCE REGION FLOW
 AN EXPERIMENTAL STUDY OF HYPERSONIC RAREFIED FLOW OVER A BLUNT BODY
 RESEARCHES ON RAREFIED GASDYNAMICS HYPERSONIC FLOW ROTATING STALL FINAL REPORT JULY 1968
 BOUNDARY LAYER CHARACTERISTICS FOR HYPERSONIC FLOW WITH AND WITHOUT MASS ADDITION, FINAL REPORT JAN 1968
 THE EFFECT OF OXYTOXIN AND ADRENALINE ON BLOOD FLOW IN THE HIND LIMB OF THE DOG FOLLOWING CHRONIC LUMBAR SYMPATHECTOMY
 A SOURCE FLOW MODEL FOR CONTINUUM GAS-PARTICLE FLOW
 NORMAL WAVE EXPANSION AND STABILITY OF COUETTE FLOW
 LAMINAR BOUNDARY-LAYER SEPARATION AND REAR-WAKE FLOW FOR A SMOOTH BLUNT BODY AT SUPERSONIC AND HYPERSONIC SPEEDS
 PRACTICAL CONDUCTION FROM A LAMINAR ARC HEATED FLOW TO A COOLED CYLINDRICAL ANODE FINAL REPORT JULY 1967
 THE FLOW UPSTREAM OF A BLUNT BODY IN HYPERSONIC FLOW FROM CONTINUUM TO NEARLY FREE MOLECULE CONDITIONS
 ANALYSIS OF THE REAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
 NUMERICAL CALCULATION OF THE LOW REYNOLDS NUMBER FLOW OVER A BLUNT WEDGE WITH REARWARD FACING STEP FINAL REPORT JULY
 ANALYSIS OF THE REAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
 REAR-FIELD SOLUTION FOR NON-EQUILIBRIUM TRANSONIC FLOW AROUND A CORNER
 VARIABLE CONDUCTIVITY FULLY DEVELOPED MHD CHANNEL FLOW FINAL REPORT MARCH 1967
 HEAT TRANSFER IN THE LAMINAR SUPERSONIC SEPARATED FLOW BEHIND AN ARISYMMETRICAL BACKWARD FACING STEP
 THEORETICAL AND EXPERIMENTAL STUDIES AT HIGH MASS FLOW RATES IN HIGH PRESSURE CONSTRICTED ARCS
 THE THIN LAYER APPROXIMATION IN HYPERSONIC VISCOUS FLOW THEORY FINAL REPORT MARCH 1968
 LUMINOGRAPHIC MEASUREMENTS OF ELECTRIC SHOCK TUBE FLOW
 AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW
 AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW
 THE THERMAL DECOMPOSITION OF OXYGEN DIFLUORIDE IN A FLOW SYSTEM
 EXPERIMENTAL VELOCITY PROFILE DETERMINATIONS IN MHD FLOW THROUGH A DIELECTRIC CIRCULAR CHANNEL

AFOSR67-1056
 ARL 68-1037
 AFOSR67-0973
 AFOSR67-0289
 ARL 68-1833
 AFOSR67-1367
 AFOSR67-1866
 AFOSR67-1196
 AFOSR68-0599
 ARL 68-0309
 AFOSR68-0619
 AFOSR67-0005
 AFOSR67-0656
 AFOSR68-1317
 ARL 68-0131
 ARL 68-1134
 AFOSR68-0405
 ARL 67-0236
 ARL 67-1070
 ARL 68-0114
 AFOSR68-1889
 ARL 68-0080
 AFOSR67-1044
 AFOSR67-1110
 AFOSR68-0968
 AFOSR68-2128
 AFOSR68-2616
 ARL 67-0268
 AFOSR67-2460
 AFOSR67-2682
 AFOSR67-2592
 AFOSR68-0726
 AFOSR68-1630
 AFOSR67-1960
 AFOSR67-2168
 AFOSR68-1035
 AFOSR68-1036
 AFOSR68-1037
 ARL 67-0003
 ARL 67-1254
 AFOSR67-0010
 ARL 68-1112
 AFOSR67-2360
 AFOSR68-0259
 ARL 67-0148
 ARL 67-1213
 ARL 67-1226
 ARL 68-1114
 AFOSR67-0128
 AFOSR68-1864
 ARL 68-0141
 ARL 68-1369
 AFOSR68-0095
 AFOSR67-2050
 AFOSR68-0460
 ARL 68-0072
 AFOSR67-0468
 AFOSR67-2066
 AFOSR67-2063
 AFOSR68-2280
 AFOSR68-2609
 AFOSR67-0324
 ARL 67-0197
 ARL 67-1277
 AFOSR67-0255
 AFOSR67-2355
 AFOSR68-1848
 AFOSR68-2070
 ARL 68-1126
 ARL 67-0031
 ARL 67-0223
 ARL 67-0267
 ARL 67-1279
 AFOSR68-2472
 AFOSR68-2600
 ARL 67-0288
 AFOSR67-1493
 AFOSR67-2420
 ARL 68-0093
 ARL 68-0017
 AFOSR67-0335
 AFOSR67-1246
 AFOSR67-1028
 AFOSR67-2022
 AFOSR68-0744
 AFOSR68-2192
 ARL 68-0002
 AFOSR67-2572
 AFOSR68-0615
 AFOSR68-2618
 AFOSR67-2448
 ARL 67-0142
 ARL 68-1100
 ARL 67-0037
 ARL 67-0151
 ARL 67-0269
 AFOSR67-1098
 ARL 67-0046
 ARL 68-0218
 ARL 68-1490
 AFOSR68-0742
 AFOSR68-1877
 ARL 68-1386
 ARL 68-1397
 AFOSR68-1356
 ARL 68-1191

NATURE OF THE FLOW IN A SWIRL CHAMBER HAVING ENOUGH FLOW REVERSAL FINAL REPORT JULY 1968
ON THE ASYMPTOTIC FORM OF THE STREAM FUNCTION FOR THE FLOW OF AN OSCILLATING FLUID PAST A PARABOLIC CYLINDER
ON OPTIMUM WEDGES AND SEMICONES IN HYPERSONIC VISCOUS FLOW
EFFECT OF HIGH CONDUCTIVITY ON TWO-DIMENSIONAL PLASMA FLOW
NEW APPROACH TO THE BLAST WAVE IN UNSTEADY HYPERSONIC FLOW
HEAT TRANSFER AND PRESSURE DROP IN TUBE GENERATED SWIRL FLOW
COMPRESSIBLE LAMINAR MAGNETOHYDRODYNAMIC BOUNDARY LAYER FLOW INSIDE A FLAT DUCT WITH HEAT TRANSFER
HIGH SPEED CASCADE TESTING AND ITS APPLICATION TO AXIAL FLOW SUPERSONIC COMPRESSORS
APPROXIMATE ANALYSIS OF LINEARIZED INVISCID RELAXING GAS FLOW
THE LAM-WENOFF METHOD APPLIED TO AXIAL SYMMETRIC SWIRL FLOW
INVESTIGATION OF A TWO-DIMENSIONAL FULLY STALLED TURBULENT FLOW FIELD
EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF THE EXPANSION FLOW FIELD OVER A DELTA WING AT HYPERSONIC SPEEDS FINAL
AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO HNO DUCT FLOW
THEORY OF LAMINAR VISCOUS-INVISCID INTERACTIONS IN SUPERSONIC FLOW
STUDIES OF THE LEADING EDGE EFFECT ON THE RAPIDLY HYPERSONIC FLOW OVER A FLAT PLATE
HYPERSONIC LAMINAR SEPARATION IN MINUTELY BLUNTED CONES IN SLIP FLOW
AN ELECTRIC ARC HELD STATIONARY BY A MAGNETIC FIELD IN A UNIFORM FLOW THEORY FOR LOW REYNOLDS NUMBER FLOW
THE MOTION OF THE PLASMA BETWEEN THE RED BLOOD CELLS IN THE BULUS FLOW
TEMPERATURE-TIME HISTORY OF RIGHT CIRCULAR CYLINDER IN HYPERSONIC FLOW
PLASTIC PRECURSOR DECAY IN QUARTZITE FOR CYLINDRICAL AND SPHERICAL FLOW
EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE STABILITY OF AIR FLOW OVER A WATER SURFACE
HEAT TRANSFER IN CYLINDRICAL PIPES WITH FULLY ESTABLISHED TURBULENT FLOW AND EXPOSED TO A UNIFORM TEMPERATURE
EXPERIMENTAL STUDY OF PSEUDO TRANSPIRATION AT AN ORIFICE IN HYPHENATED FLOW
DECAY OF A DISTURBANCE IN AN INCOMPRESSIBLE, ZERO-PRESSURE-GRADIENT FLOW
COMPUTATION OF AXIAL-SYMMETRIC TRANSONIC SWIRL FLOWS BY THE UNSTEADY FLOW APPROACH
ON THE CALCULATION OF UNSTEADY NONLINEAR THREE-DIMENSIONAL SUPERSONIC FLOW PAST WINGS FINAL REPORT JAN 1968
A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW
EFFECT OF BODY INCLINATION ON THE MERGING OF A HYPERSONIC LOW DENSITY FLOW OVER SHARP TWO-DIMENSIONAL LINEAR BODIES
A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW
PRELIMINARY RESULTS OF A NEW FORMULATION OF THE HYPERSONIC LEADING EDGE FLOW PROBLEM
LAMINAR AND TRANSITIONAL HEAT TRANSFER IN THE TWO DIMENSIONAL SEPARATED FLOW BEHIND A SHARP PROTRUDING LEADING EDGE
THE INTERACTION BETWEEN ELECTRIC ARC COLUMNS AND PARALLEL OR TRANSVERSE GAS FLOW
THE NUMBER OF TURNS IN THE GENERAL GAIN FORMULAS FOR COATES AND MASON SIGNAL FLOW GRAPHS
LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL BLUNT BODY FROM THE HIGH ENTHALPY FLOW IN THE SHOCK TUBE
ON THE NONLINEAR COMPUTATIONAL INSTABILITY OF THE EQUATIONS OF ONE-DIMENSIONAL FLOW FINAL REPORT FEB 1968
SURFACE MEASUREMENTS ON SHARP FLAT PLATES AND WEDGES IN LOW-DENSITY HYPERSONIC FLOW
FLOW AND HEAT TRANSFER PHENOMENA OF PLASMA ARCS MAGNETICALLY BALANCED IN A CROSS FLOW
PRESSURE DISTRIBUTION ON A CONE-CYLINDER-FLARE BODY AT MACH 14 IN THE PRESENCE OF FLOW SEPARATION FINAL REPORT FEB
INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW PART II FINAL REPORT JULY 1968
INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW PART I FINAL REPORT JULY 1968
AN ANALYTICAL STUDY OF A FLUID CYLINDER ARC MODEL BALANCED BY CROSSED MAGNETIC AND FLOW FIELDS FINAL REPORT JAN 1968
THE FLOW FIELD AND HEAT TRANSFER DOWNSTREAM OF A FORWARD FACING STEP IN SUPERSONIC FLOW FINAL REPORT MARCH 1967
THE EFFECT OF SEVERE NOSE BLUNTNESS ON THE STABILITY OF SLENDER CONES IN HYPERSONIC FLOW
SIMPLIFIED VARIATIONAL AND PHYSICAL ANALYSIS OF HEAT TRANSFER IN LAMINAR AND TURBULENT FLOW
HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS I THEORY FOR VARIABLE PROPERTY FLOW
LAMINAR HEAT TRANSFER TO A TWO DIMENSIONAL BLUNT NOSED BODY IN TRANSONIC AND SUPERSONIC FLOW
A DETAILED STUDY OF THE FLOW AROUND THE LEADING EDGE OF A FLAT PLATE IN HYPERSONIC LOW DENSITY FLOW
AN ELECTRIC ARC HELD STATIONARY BY A MAGNETIC FIELD IN A UNIFORM FLOW THEORY FOR LOW REYNOLDS NUMBER FLOW
EFFECT OF THE REDUCTION OF THE PRANDTL IN THE STAGNATION REGION PAST AN AXISYMMETRIC BLUNT BODY IN HYPERSONIC FLOW
INTERACTION OF AN HIGH CURRENT ELECTRICAL DISCHARGE WITH ITS SELF-INDUCED MAGNETIC FIELD IN THE PRESENCE OF GAS FLOW

FLOWFIELDS

INTERACTION BETWEEN DETONATION WAVES AND FLOWFIELDS

ARL 67-0286

FLOWING

RESEARCH ON ENERGY CONVERSION IN FLOWING SYSTEMS FINAL REPORT JAN 1968
ELECTROSTATIC PROBE MEASUREMENTS IN FLOWING SODIUM POTASSIUM-SEPIED ARGON
FORMATION OF MOVING AND STATIONARY DETONATION WAVES IN FLOWING COMBUSTIBLE MIXTURES
MOLECULAR VELOCITY DISTRIBUTION-FUNCTION MEASUREMENTS IN A FLOWING GAS
AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE: FINAL REPORT OCT
SPECTROSCOPIC INVESTIGATION OF ELECTRON TEMPERATURE DISTRIBUTION IN A NONEQUILIBRIUM PARTIALLY IONIZED FLOWING PLASMA

AFOSR68-0254
AFOSR68-2559
AFOSR68-0457
AFOSR68-2553
ARL 67-0202
AFOSR68-0614

FLOWS

CAVITY FLOWS CONTAINING STATIONARY CORP
NON-LOCAL MGD FLOWS IN BOUNDARY LAYER APPROXIMATION
COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS
OSCILLATORY VISCOUS FLOWS REVIEW AND EXTENSION
RESEARCH ON HYPERSONIC FLOWS FINAL REPORT JAN 1967
STUDY OF NONEQUILIBRIUM FLOWS FINAL REPORT JAN 1968
STUDY OF SWIRLING FLUID FLOWS FINAL REPORT OCTOBER 1968
RADIATION COUPLED VISCOUS FLOWS
HYPERSONIC HYPHENATED PLASMA FLOWS FINAL REPORT OCT 1968
ELECTRIC ARCS IN TURBULENT FLOWS. III
MAGNETOHYDRODYNAMIC CHANNEL FLOWS WITH NONEQUILIBRIUM IONIZATION
INSTABILITY OF RE-ATTACHING FLOWS
VISCOUS MAGNETOHYDRODYNAMIC FLOWS
NEW METHOD FOR TURBULENT SHEAR FLOWS
SOME REMARKS ON TURBULENT SHEAR FLOWS
SPINSPOTS AND MAGNETOHYDRODYNAMIC FLOWS
VARIATIONAL APPROACH TO HYPHENATED FLOWS IN CYLINDRICAL AND SPHERICAL GEOMETRY
LAMINAR SEPARATION IN HYPERSONIC FLOWS FINAL REPORT SEPT 1967
SERIES OF LECTURES ON /SEPARATED FLOWS/ VON KARMAN INSTITUTE FOR FLUID DYNAMICS, BRUSSELS, BELGIUM, PART I / EXACT
VARIATIONAL RELAXATION IN EXPANDING FLOWS
SURFACE RECOMBINATION EFFICIENCIES IN FLOWS CONTAINING STEP-FUNCTION INCREASES IN ATOMIC OXYGEN FINAL REPORT MARCH
VIBRATIONAL RELAXATION IN EXPANDING PLASMA FLOWS
PLASMA WIND TUNNEL STUDIES OF COLLISION FREE FLOWS AND SHOCKS
INTEGRAL THEORY FOR SUPERSONIC TURBULENT MASE FLOWS
ON INITIAL CONDITIONS FOR VISCOUS INTERACTING FLOWS FINAL REPORT DECEMBER 1968
VISCOUS EFFECTS AND HEAT TRANSFER IN SEPARATED FLOWS
ON THE STABILITY AGAINST SHARP WAVES OF STEADY FLOWS OF NON-LINEAR VISCOELASTIC FLUIDS
COMPUTATION OF AXIAL-SYMMETRIC TRANSONIC SWIRL FLOWS BY THE UNSTEADY FLOW APPROACH
LAMINAR SEPARATION IN SUPERSONIC AND HYPERSONIC FLOWS FINAL REPORT SEPT 1966
SMALL PERTURBATIONS TRANSONIC AND HYPER-CRITICAL FLOWS WITH SHOCKS FINAL REPORT AUG 1966
MATHEMATICAL THEORY OF STEADY COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS FINAL REPORT
USE OF A FREE PISTON FOR GENERATING HYPERVELOCITY FLOWS
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS FINAL REPORT JAN 1968
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS
INTERACTIONS OF FREE-RUNNING ARCS WITH TRANSVERSE GAS FLOWS AND MAGNETIC FIELDS
A STUDY OF INTERACTIONS BETWEEN ELECTRIC ARCS AND G₂ FLOWS: FINAL REPORT APRIL 1967
INJECTION EFFECTS IN HIGH PRANDTL NUMBER BOUNDARY-LAYER FLOWS
APPLICATION OF THE KERNEL FUNCTION FOR THE COMPUTATION OF FLOWS OF COMPRESSIBLE FLUIDS
ON STRONG SMALL PERTURBATION SOLUTIONS FOR STEADY SUPERSONIC FLOWS OF INERT OR REACTING MIXTURES

ARL 67-1044
AFOSR67-0997
ARL 68-1261
AFOSR68-0649
ARL 67-0009
AFOSR68-0240
ARL 68-0173
AFOSR68-1585
AFOSR67-0805
ARL 68-0087
AFOSR67-0910
AFOSR68-0826
AFOSR68-2620
ARL 67-1260
AFOSR68-0093
AFOSR68-0476
AFOSR67-1913
AFOSR68-0231
ARL 67-1208
ARL 67-1227
AFOSR68-0893
ARL 67-1233
AFOSR67-1160
AFOSR68-2429
ARL 68-0216
AFOSR68-1357
AFOSR68-2136
ARL 68-0070
AFOSR67-0615
AFOSR67-0394
ARL 67-0140
ARL 67-1232
ARL 67-1214
ARL 68-0004
ARL 68-1108
ARL 67-0057
ARL 68-0049
AFOSR68-2429
AFOSR68-2590
AFOSR67-1032

VISCOS AND THERMAL BOUNDARY LAYERS IN INCOMPRESSIBLE STEADY FLOWS ALONG LONGITUDINALLY CURVED SURFACES INCLUDING EFFECT OF SURFACE ROUGHNESS ON AXISYMMETRIC LAMINAR SEPARATED FLOWS AT M EQUALS 8.4
DIRECT MEASUREMENT OF FIRST COLLISION EFFECTS IN RAREFIED HIGH SPEED FLOWS
A LINEARIZED ANALYSIS OF MASS-TRANSFER EFFECTS ON CONFINED LAMINAR VORTEX FLOWS
INTERACTIONS OF AN ELECTRIC ARC PLASMA WITH TRANSVERSE MAGNETIC FIELDS AND GAS FLOWS. FINAL REPORT APR 1968
THE HYPERBOLIC COMPRESSION TUNN A NEW APPROACH TO GENERATING HYPERVELOCITY TEST FLOWS WITH LOW DISSOCIATION
NUMERICAL METHODS OF COMPUTING THREE-DIMENSIONAL TRAJECTORIES FOR ADIABATIC AND DIABATIC FLOWS
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS

ARL 68-0222
AFOSR68-2888
AFOSR67-2899
ARL 68-0071
ARL 68-0074
ARL 67-0133
AFOSR68-0387
ARL 68-0087
ARL 68-0185

FLUCTUATING

FLUCTUATING WINDS AND THE OCEAN CIRCULATION
SPECTROSCOPIC MEASUREMENTS IN FLUCTUATING ARCS

AFOSR67-2118
ARL 67-0109

FLUCTUATIONS

FLUCTUATIONS OF A HPM WAVE PROPAGATING THROUGH A LOCALLY HOMOGENEOUS MEDIUM
FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II SUPERCONDUCTORS II PURE LIMIT
FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II SUPERCONDUCTORS I DIRTY LIMIT
FLUCTUATIONS IN A JOSEPHSON JUNCTION
CONCENTRATION FLUCTUATIONS IN THE VICINITY OF THE CRITICAL POINT FINAL REPORT SEPT 1967
ENSEMBLE DEPENDENCE OF FLUCTUATIONS WITH APPLICATIONS TO MACHINE COMPUTATIONS
AN ALGEBRAIC TREATMENT OF FLUCTUATIONS OF SUMS OF RANDOM VARIABLES
EVIDENCE FOR THERMODYNAMIC FLUCTUATIONS IN A SUPERCONDUCTOR
STUDY OF SUR-AUDIO GEOMAGNETIC FLUCTUATIONS FINAL REPORT FEB 1967
SOME RECENT RESEARCH ON COHERENCE AND FLUCTUATIONS OF LIGHT
CORRELATION MEASUREMENTS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
MEASUREMENT OF RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS BY THE ELECTRIC FIELD EFFECT ON CRITICAL OPALESCENCE
GAIN OPTIMIZATION FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM FLUCTUATIONS
EFFECTIVE OHM'S LAW IN A PARTIALLY IONIZED PLASMA WITH ELECTRON DENSITY FLUCTUATIONS
ELECTRIC FIELD EFFECT ON THE CRITICAL OPALESCENCE II RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS

AFOSR68-0433
AFOSR67-2487
AFOSR67-2488
AFOSR68-1362
AFOSR67-2300
AFOSR67-1776
AFOSR68-1642
AFOSR67-0747
AFOSR67-0963
AFOSR67-0446
AFOSR68-0026
AFOSR68-0615
AFOSR68-2773
AFOSR67-2179
AFOSR67-0489
ARL 68-0285
AFOSR67-2182

FLUID

FLUID MECHANICS RESEARCH FINAL REPORT JULY 1967
FLUID FLOW IN AN ELECTRICALLY CONDUCTIVE FLUID
THE FLUID TRANSPIRATION ARC AS A RADIATION SOURCE FOR SOLAR SIMULATION
THE FLUID TRANSPIRATION ARC AS A RADIATION SOURCE FOR SOLAR SIMULATION
ROTATING FLUID MASSES
RESEARCH ON FLUID DYNAMICAL MODELS OF THE LARGE SCALE ATMOSPHERIC CIRCULATIONS FINAL REPORT APR 1967
DYNAMICS OF FLUID TURBULENCE
RESEARCH ON FLUID DYNAMICS IN JAPAN
RESEARCH ON FLUID DYNAMICS IN JAPAN
ANALYSIS OF FLUID DYNAMICS OF SUPERSONIC COMBUSTION PROCESS CONTROLLED BY MIXING
ASTROPHYSICAL FLUID DYNAMICS FINAL REPORT FC 1968
INTERACTION OF FLUID MOTION
SOME ASPECTS OF FLUID MECHANICS RESEARCH AT ARL
STUDY OF SWIRLING FLUID FLOWS FINAL REPORT OCTOBER 1968
PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE EXPERIMENTAL
PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE THEORY
FREE SURFACE PROBLEMS IN FLUID FLOW
AN ANALYTICAL STUDY OF A FLUID CYLINDER ARC MODEL BALANCED BY CROSSED MAGNETIC AND FLOW FIELDS FINAL REPORT JAN 1968
ELECTROSTATIC CHARGING OF FLUID STREAMS
THE SPIN UP OF A STRATIFIED FLUID
EQUATION OF STATE OF A MONATOMIC FLUID WITH 6-12 POTENTIAL
THERMODYNAMICS AND THE STABILITY OF FLUID MOTION
LINEAR THEORY OF ROTATING STRATIFIED FLUID MOTIONS
USE OF THE LASER AS AN ENERGY SOURCE IN FLUID MECHANICS
FLUID FLOW IN AN ELECTRICALLY CONDUCTIVE FLUID
ON THE EQUATION OF STATE OF THE RIGID-DISK FLUID
ACID MONOMER METABOLITES OF CEREBROSPINAL FLUID IN MENTAL DEPRESSION AND MANIA
ENERGY TRANSFER AND ELECTRON CONDUCTION IN THE FLUID TRANSPIRATION ARC
SPECTRUM OF LIGHT DENSITY SCATTERED BY AN OPALESCENT FLUID
TRANSIENT SOLUTION FOR SOUND RADIATED INTO A VISCOUS FLUID
COMMENTS ON THE EQUATION OF STATE OF THE SQUARE-CELL FLUID
STRUCTURE OF LIQUIDS III AN X-RAY DIFFRACTION STUDY OF FLUID ARGON
PARTIAL DIFFERENTIAL EQUATIONS CALCULUS OF VARIATIONS AND FLUID MECHANICS
THE USE OF THE COORDINATION NUMBER IN THE INTERPRETATION OF FLUID STRUCTURE
FORCED MOTIONS OF SHELLS AND PLATES SURROUNDED BY AN ACOUSTIC FLUID
SERIES OF LECTURES ON /SEPARATED FLOWS/ VON KARMAN INSTITUTE FOR FLUID DYNAMICS, BRUSSELS, BELGIUM, PART I / EXACT
CONSTANT-PRESSURE LAMINAR MIXING OF A SHEAR LAYER WITH A QUIESCENT FLUID
MATHEMATICAL ANALYSIS OF LANDIS-TYPE EXPERIMENTS ON THE TRANSPORT OF FLUID ACROSS THE WALLS OF CAPILLARY BLOOD VESSELS
ON THE ASYMPTOTIC FORM OF THE STREAM FUNCTION FOR THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLIC CYLINDER
TRANSITION TO TURBULENCE FOR SURMERGED INCOMPRESSIBLE AND FREE COMPRESSIBLE FLUID JETS
ON THE STEADY MOTIONS PRODUCED BY A STABLE STRATIFICATION IN A RAPIDLY ROTATING FLUID
A REPORT ON JOINT AMERICAN PHYSICAL SOCIETY AND JAPANESE PHYSICAL SOCIETY MEETING ON FLUID DYNAMICS HONOLULU HAWAII

AFOSR67-1924
ARL 68-1233
AFOSR67-2363
AFOSR68-0762
AFOSR67-2479
AFOSR67-0166
AFOSR67-1478
ARL 67-1206
ARL 68-0061
ARL 68-1118
AFOSR68-1851
AFOSR68-1268
ARL 67-1163
ARL 68-0173
AFOSR68-1553
AFOSR68-1854
AFOSR68-2609
ARL 68-0019
ARL 67-1344
AFOSR67-1575
AFOSR67-2446
AFOSR67-2297
AFOSR67-2121
ARL 67-1231
ARL 68-1233
AFOSR67-0876
AFOSR67-0887
AFOSR67-0769
AFOSR68-1435
AFOSR67-2605
AFOSR68-0421
AFOSR67-1181
AFOSR68-1417
AFOSR68-1555
AFOSR68-0106
ARL 67-1208
AFOSR68-1567
AFOSR68-2356
AFOSR67-1346
AFOSR67-1894
AFOSR68-0376
AFOSR67-0613

FLUIDIC

A SINUSOIDAL WAVE GENERATOR FOR DYNAMIC TESTING OF FLUIDIC DEVICES

AFOSR68-2582

FLUIDS

DYNAMICS OF FLUIDS AND PLASMAS-SYMPOSIUM HELD IN HONOR OF PROFESSOR J M BURGERS UNIVERSITY OF MARYLAND OCTOBER 7-9
THE THEORY OF ROTATING FLUIDS
MANY BODY THEORY AND QUANTUM FLUIDS FINAL REPORT JUNE 1968
COMPUTER EXPERIMENTS ON CLASSICAL FLUIDS. II EQUILIBRIUM CORRELATION FUNCTIONS
GROWTH AND DECAY OF DISCONTINUITIES IN FLUIDS WITH INTERNAL STATE VARIABLES
RAPID MICROANALYSIS OF BERYLLIUM IN BIOLOGICAL FLUIDS BY GAS CHROMATOGRAPHY
THE RAYLEIGH-TAYLOR STABILITY OF CONFINED VISCOUS FLUIDS WITH AN INTERFACE FINAL REPORT JUNE 1967
RESEARCH OF TWO-DIMENSIONAL TRANSONIC FLOW PATTERNS OF COND FLUIDS FINAL REPORT OCT 1968
A UNIFIED LINEAR THEORY OF HOMOGENEOUS AND STRATIFIED ROTATING FLUIDS
NON-LINEAR CONTINUUM MECHANICS AND FLOW PROPERTIES OF NON-NEWTONIAN FLUIDS FINAL REPORT AUG 1968
ON THE STABILITY AGAINST SHEAR WAVES OF STEADY FLOWS OF NON-LINEAR VISCOELASTIC FLUIDS
APPLICATION OF THE KERNEL FUNCTION FOR THE COMPUTATION OF FLOWS OF COMPRESSIBLE FLUIDS
CONJECTURE CONCERNING AN ASYMPTOTIC MODIFICATION OF THE VON-BORN-GRUEN EQUATION FOR FLUIDS OF RIGID SPHERES AND DISKS

AFOSR67-0930
AFOSR68-2081
AFOSR68-1039
AFOSR68-1314
AFOSR67-2676
ARL 68-1489
AFOSR67-1509
AFOSR68-2472
AFOSR68-0389
AFOSR68-1648
AFOSR68-2136
AFOSR68-2590
AFOSR68-0785

FLUORIDES

HEATS OF FORMATION OF THE FLUORIDES OF LITHIUM SODIUM AND POTASSIUM

AFOSR67-1985

FLUORESCENCE

FLUORESCENCE AND TRIPLET STATE OF HEXAFLUOROANTHRACENE	AFDSR67-2360
FLUORESCENCE AND PHOSPHORESCENCE OF SULFUR DIOXIDE VAPOR	AFDSR68-2868
THE FLUORESCENCE OF AIR AND NITROGEN EXCITED BY PHOTOPTIC ELECTRONS FINAL REPORT JAN 1968	AFCL 67-0877
THE FLUORESCENCE OF CYCLIC AMINO-COMPOUNDS DETERMINATION OF SINGLET LIFETIMES	AFDSR67-0700
ATOMIC FLUORESCENCE PLASMA SPECTROMETRY	AFOSR68-0355
COHERENT FLUORESCENCE FROM ZINC SULFIDE EXCITED BY TWO-PHOTON ABSORPTION	AFDSR68-2116
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS IN ENERGY TRANSFER IN COLLISIONS BETWEEN SODIUM AND INERT GAS ATOMS	AFDSR67-2804
STRUCTURED FLUORESCENCE SPECTRUM OF ANTHRACENE VAPOR	AFOSR68-0730
INDUCTION OF FLUORESCENCE IN HISTAMINE-CONTAINING CELLS	AFDSR68-0193
RECOMBINATION FLUORESCENCE IN IRRADIATED GAP AND UNIRRADIATED GAP ZnTe AND Si	AFCL 67-0293
A STUDY OF X-RAY FLUORESCENCE METHOD WITH VACUUM AND AIR- PATH SPECTROGRAPHS FOR THE DETERMINATION OF FILM THICKNESSES	ARL 68-0001
INTENSITY OF ATOMIC FLUORESCENCE AS A FUNCTION OF ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE PLASMA SPECTROMETRY	AFOSR67-1290
FLAME SPECTROMETRY ATOMIC FLUORESCENCE VS ATOMIC ABSORPTION	AFDSR68-1804
DISPERSIVE AND NONDISPERSIVE X-RAY FLUORESCENCE METHODS FOR THE DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE AND	ARL 68-1081
APPLICATION OF MULTILAYER ANALYZERS TO 18-180 Å FLUORESCENCE SPECTROSCOPY FOR CHEMICAL AND VALENCE BAND ANALYSIS	AFOSR67-0038
PAIR OF THE EXCITATION ENERGY IN THE QUENCHING OF FLUORESCENCE BY CONJUGATED DIENES	AFOSR68-1601
LIGHT SOURCES FOR THE EXCITATION OF ATOMIC RESONANCE FLUORESCENCE IN CESIUM AND SODIUM	AFDSR67-2600
INFLUENCE OF TYPE OF TURBULENT FLAME ON LIMITS OF DETECTION IN ATOMIC FLUORESCENCE PLASMA SPECTROMETRY	AFDSR67-2812
ELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES I SENSITIZED FLUORESCENCE AND QUENCHING IN CS- NSUB2	AFDSR67-1144
DETERMINATION OF STICKNESS AND COMPOSITION OF THIN FILMS BY THE METHOD OF X-RAY FLUORESCENCE	ARL 68-1450
DETERMINATION OF GENERAL EXPRESSIONS FOR QUANTUM AND POWER EFFICIENCIES FOR ATOMIC FLUORESCENCE OF ATOMS IN A HOT GAS	AFOSR67-1300
INTENSITY OF ATOMIC FLUORESCENCE AS A FUNCTION OF ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE PLASMA SPECTROMETRY	AFDSR67-1800
THE SELECTION OF OPTIMUM CONDITIONS FOR SPECTROCHEMICAL METHODS III SENSITIVITY OF ATOMIC FLUORESCENCE ABSORPTION AND	AFOSR67-1900
EXPERIMENTAL INVESTIGATION OF ELECTRODELESS DISCHARGE LAMPS AS EXCITATION SOURCES FOR ATOMIC FLUORESCENCE PLASMA	AFOSR68-1803
DETERMINATION OF EXPRESSIONS FOR CALCULATION OF LIMITING DETECTABLE ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE PLASMA	AFOSR67-1307
FLUORESCENT	
THE FLUORESCENT RESPONSE OF SODIUM IODIDE THALLIUM CESIUM IODIDE THALLIUM CESIUM IODIDE SODIUM AND CALCIUM FLUORIDE	AFOSR67-1937
A PULSE EXCITATION METHOD OF DETERMINING NANOSECOND FLUORESCENT LIFETIMES	ARL 67-1015
FLUORIDE	
CALCULATION OF ELASTIC CONSTANTS OF SODIUM FLUORIDE	AFDSR67-1871
GAS CHROMATOGRAPHIC SEPARATION OF CARBONYL FLUORIDE AND CARBON DIOXIDE	AFOSR68-0461
HEATS OF FORMATION OF BORON NITRIDE AND BORON FLUORIDE	AFDSR67-1993
NUCLEAR MAGNETIC RESONANCE STUDIES OF POINT DEFECTS IN BARIUM FLUORIDE CRYSTALS	AFOSR67-0694
THE VAPOR PRESSURE VAPOR DENSIFICATION AND HEAT OF SUBLIMATION OF ALUMINUM FLUORIDE USING THE ENTRAINMENT METHOD	AFOSR68-1282
HIGH-FREQUENCY PARAMAGNETIC-RESONANCE STUDIES OF TRIVALENT OXYPROSIUM IN CALCIUM FLUORIDE	AFOSR67-1000
THE HEATS OF COMBUSTION OF POLYTETRAFLUOROETHYLENE (TEFLON) AND GRAPHITE IN ELEMENTAL FLUORIDE	AFOSR67-2013
PRECISION MEASUREMENT OF DIPOLE MOMENTS AND OTHER SPECTRAL CONSTANTS OF NORMAL AND DEUTERATED METHYL FLUORIDE AND	AFDSR67-0305
THE FLUORESCENT RESPONSE OF SODIUM IODIDE THALLIUM CESIUM IODIDE THALLIUM CESIUM IODIDE SODIUM AND CALCIUM FLUORIDE	AFOSR67-1937
FLUORIDES	
DIALKYLAMINOTELLURIUM /VI/ FLUORIDES	AFOSR68-0554
GROUND STATES OF CONJUGATED MOLECULES X 19F NMR CHEMICAL SHIFTS IN ARYL FLUORIDES	AFOSR68-1900
FLUORINATED	
PHOTOELECTRON SPECTRA OF FLUORINATED BENZENES	AFOSR67-1417
FLUORINE	
SOLID FLUORINE AND SOLID CHLORINE CRYSTAL STRUCTURES AND INTERMOLECULAR FORCES	AFOSR68-2755
CONSTANT PRESSURE PLASMA CALORIMETRY WITH FLUORINE II THE HEAT OF FORMATION OF OXYGEN DIFLUORIDE	AFOSR68-1582
THE EFFECTIVE SHAPE OF THE COVALENTLY BOUND FLUORINE ATOM	AFOSR68-3797
ELECTRON-PARAMAGNETIC-RESONANCE STUDIES OF THE FLUORINE DONOR IN BERYLLIUM OXIDE	AFOSR68-0680
ELECTRON-DETACHMENT IN HYDROGEN MINUS ION PLUS FLUORINE AND ATOMIC HYDROGEN PLUS FLUORINE ION COLLISIONS	AFOSR68-1979
SOLVENT EFFECTS ON THE BORON-FLUORINE COUPLING CONSTANT AND ON FLUORINE EXCHANGE IN THE TETRAFLUOROBORATE ANION	AFOSR68-1412
ELECTRON SPIN RESONANCE OF PERFLUOROCYCLOBUTANONE KETYL LONG-RANGE FLUORINE COUPLING	AFOSR68-2874
ELECTRON-DETACHMENT IN HYDROGEN MINUS ION PLUS FLUORINE AND ATOMIC HYDROGEN PLUS FLUORINE ION COLLISIONS	AFOSR68-1979
FLUORO-BATA	
SOLVENT EXTRACTION OF VOLATILE DIVALENT METAL FLUORO-BATA- DIKETONATES	ARL 68-1488
FLUOROACETYLACETONATE	
SOLVENT EXTRACTION STUDY OF METAL FLUOROACETYLACETONATES	ARL 67-0205
SOLVENT EXTRACTION STUDY OF METAL FLUOROACETYLACETONATES FINAL REPORT NOVEMBER 1968	ARL 68-0193
FLUOROBENZENE	
TRIPLET-STATE YIELD OF FLUOROBENZENE BY THE SENSITIZATION OF THE ISOMERIZATION OF CIS-BUTENE-2	AFOSR67-1497
FLUOROCARBON	
NMR ROUTES TO FLUOROCARBON NICKEL COMPLEXES	AFOSR68-2141
VAPOR-PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS	ARL 67-1161
VAPOR-PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS	ARL 67-1192
METAL ANALYSIS BY GAS CHROMATOGRAPHY USING FLUOROCARBON- CONTAINING BETA-DIKETONATE CHELATES	ARL 68-1075
CHEMISTRY OF THE METAL CARBONYLS PART XLII DICARBONYL-DI- CYCLOPENTADIENYL RUTHENIUM FLUOROCARBON COMPLEXES	AFOSR68-2814
FLUOROCARBONS	
GAS CHROMATOGRAPHIC SEPARATION OF LOW MOLECULAR WEIGHT FLUOROCARBONS	AFOSR68-1199
FLUOROCHLOROCARBENE	
PRELIMINARY COMMUNICATION GENERATION OF FLUOROCHLOROCARBENE BY THE MERCURIAL ROUTE	AFOSR68-0322
FLUOROSULFONIC	
THE FLUOROSULFURIC ACID SOLVENT SYSTEM V IODINE TRIFLUOROSULFATE	AFOSR67-0543
THE FLUOROSULFURIC ACID SOLVENT SYSTEM IV THE SOLUTES WATER AND POTASSIUM NITRATE	AFOSR67-0544
THE FLUOROSULFURIC ACID SOLVENT SYSTEM II SOLUTIONS OF ANTIMONY TETRAFLUORIDE ANTIMONY PENTAFLUORIDE	AFOSR67-0545
FLUORIDE	
NUCLEAR MAGNETIC RELAXATION IN RARE-EARTH-DOPED CALCIUM FLUORIDE CRYSTALS AT LOW TEMPERATURES	AFOSR67-0362
OPEN-SHELL HARTREE-FOCK MOLECULAR ORBITAL THEORY OF TRANSITION METAL ION COMPLEXES /KNIPSUR/ POTASSIUM NICKEL FLUORIDE	AFOSR67-1633
FLUTE	
LARGE AMPLITUDE STABILIZATION OF FLUTE GROWTH	AFOSR68-1174

PLUTER	
VISUALIZATION OF PLASMA PLUTER IN A G-MACHINE	AFOSR66-2639
PLUTTER	
SOME ASPECTS OF CYLINDRICAL SHELL PANEL PLUTTER	AFOSR66-0760
FIRST ORDER FREQUENCY EFFECTS IN SUPERSONIC PANEL PLUTTER OF FINITE CYLINDRICAL SHELLS	AFOSR67-2891
COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC PLUTTER OF CIRCULAR CYLINDRICAL SHELLS	AFOSR66-0830
ON COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC PLUTTER OF CIRCULAR CYLINDRICAL SHELLS	AFOSR67-0836
PLUX	
PLUX GROWTH AND CHARACTERIZATION OF BETA GALLIUM SESQUI OXIDE SINGLE CRYSTALS	AFOSR67-0581
PLUX TRAPPING OF RF FIELDS IN SUPERCONDUCTORS	AFOSR67-0749
LOW HEAT FLUX MEASUREMENTS IN HYPERSONIC WIND TUNNELS	ARL 67-1107
10 γ CR-39 PLATE RADIO FLUX AND IONOSPHERIC TEMPERATURES	AFOSR67-2603
THE ATMOSPHERIC AND LEAKAGE FLUX OF NEUTRONS PRODUCED IN THE ATMOSPHERE BY COSMIC RAY INTERACTIONS	AFOSR66-0173
INVESTIGATION OF THE VARIABLES CONTROLLING THE FLUX GROWTH OF HIGH QUALITY LASER CRYSTALS FINAL REPORT MAR 1967	AFOSR67-0190
USE OF POINT CONTACTS TO OBTAIN DIRECT EVIDENCE OF FLUX MOTION IN SUPERCONDUCTORS	AFOSR67-1770
CALIBRATION OF THIN FILM RESISTANCE THERMOMETERS FOR HEAT FLUX MEASUREMENTS IN THE SHOCK TUBE	ARL 67-0036
TEMPERATURE DEPENDENCE OF THE MAGNETIC FIELD PERIODICITY IN FLUX QUANTIZATION EXPERIMENTS	AFOSR66-1460
A FREE BOUNDARY PROBLEM FOR THE HEAT EQUATION WITH PRESCRIBED FLUX AT BOTH FIXED FACE AND MELTING INTERFACE	AFOSR67-1361
ELECTRON TEMPERATURES OF IONIZER REGULAR DERIVED FROM HS AND RADIO FLUX DENSITIES	AFOSR67-0305
A COUNTER FOR THE MEASUREMENT OF THE ATMOSPHERIC AND EARTH LEAKAGE FLUX OF SECONDARY COSMIC RAY NEUTRONS	AFOSR67-0493
CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED FERRIC OXIDE BY THE FLUX METHOD AND SEGREGATION STUDIES OF IRON	AFOSR67-0353
PLUX-FLOW	
MICROWAVE PLUX-FLOW DISSIPATION IN PARAMAGNETICALLY-LIMITED TI-V ALLOYS	AFOSR67-1741
PLUX-HOLE	
PLUX-HOLE MOTION AND THE PEAK EFFECT IN SUPERCONDUCTIVITY	AFOSR67-2424
PLUX-TEMPERATURE	
RADIATIVE TRANSFER I THE FLUX-TEMPERATURE RELATION AND NON-GRAY STELLAR ATMOSPHERES	AFOSR67-1348
PLURPS	
AMMONIUM PERCHLORATE-BASED PROPELLANT IGNITION BY LOW-CONVECTIVE HEAT FLUXES	AFOSR66-1666
PLUXMETER	
THEORY OF A THERMAL FLUXMETER IN A SHEAR FLOW	ARL 68-0017
PLURDIO	
PROPERTIES OF AN AMERISOV FLURDIO IN TYPE-II SUPERCONDUCTORS	AFOSR66-1840
FOCAL	
FOCAL DEPTHS OF AFTERSHOCKS	AFOSR66-0395
THE FOCAL MECHANISM OF THE ALASKA EARTHQUAKE OF MARCH 28 1964 AND OF ITS AFTERSHOCK SEQUENCE	AFOSR67-0023
THE FOCAL MECHANISM OF EARTHQUAKES IN THE SOUTHERN COAST OF THE IBERIAN PENINSULA	AFOSR67-2717
THE S-WAVE PROJECT FOR FOCAL MECHANISM STUDIES EARTHQUAKES OF 1963	AFOSR67-0086
THE S-WAVE PROJECT FOR FOCAL MECHANISM STUDIES FINAL REPORT MARCH 1966	AFOSR67-0301
CALCULATION OF ELECTROMAGNETIC FIELDS IN THE FOCAL REGIONS OF A PARABOLOID RECEIVING OFF AXIS FINAL REPORT AUG 1967	AFOSR67-0486
THEORETICAL AND EXPERIMENTAL INVESTIGATION OF FOCAL PLANE ADAPTIVE ANTENNA TECHNIQUES FINAL REPORT APR 1968	AFOSR68-0249
FOCUS	
THEORETICAL SEISMOGRAMS OF TORSIONAL DISTURBANCES EXCITED AT A FOCUS WITHIN A HETEROGENEOUS SPHERICAL EARTH - CASE OF	AFOSR66-1429
FOCUSSED	
BREAKDOWN MINIMA DUE TO ELECTRON-IMPACT IONIZATION IN SUPER-HIGH-PRESSURE GASES IRRADIATED BY A FOCUSED GIANT-PULSE	AFOSR67-0762
FOCUSING	
ALTERNATE GRADIENT FOCUSING OF MOLECULAR BEAMS	AFOSR67-0024
DETERMINATION OF ADVERTURES IN THE FOCUSING PLANE OF X-RAY POWDER DIFFRACTOMETERS	AFOSR67-0166
FOETAL-SLEEP	
SLEEP IN PREGNANCY EVIDENCE OF FOETAL-SLEEP CHARACTERISTICS	AFOSR67-2570
FOILS	
INVESTIGATION OF GRAIN BOUNDARY ENERGISTICS IN ERBIUM OXIDE THIN FOILS BY TRANSMISSION ELECTRON MICROSCOPY	AFOSR66-2402
FOKKER	
FOKKER ACTION PRINCIPLE AND THE HYPERBOLIC MOTION	AFOSR67-1843
FOKKER-PLANCK	
TEST-PARTICLE RELAXATION IN AN ELECTRON GAS DESCRIBED BY THE FOKKER-PLANCK KINETIC EQUATION	AFOSR67-1912
FOLDED	
FOLDED LASER RAMAN SOURCE	AFOSR66-0130
FOLLOY-VOLTHUYSEN	
ON THE FOLLOY-VOLTHUYSEN TRANSFORMATION FOR PARTICLES IN AN ELECTROMAGNETIC FIELD	AFOSR66-0989
FOOD	
LEVELS OF RESPONSIVENESS TO FOOD OR ITS ABSENCE AND THE VERTICAL LOUVE CIRCUIT OF OCTOPUS VULGARIS LAMARCK	AFOSR66-0291
CHANGES IN BODY WEIGHT AND INTAKE OF FOOD BY OCTOPUS VULGARIS	AFOSR66-0191
REACTIVITY CHANGES IN THE CENTRAL NERVOUS SYSTEM CONCOMITANT WITH CHRONIC FEAR AND FOOD DEPRIVED STATES	AFOSR66-0683
FORBIDDEN	
COLLISION CROSS-SECTIONS OF FORBIDDEN LINES OF THE 2SUBSUPPERQ AND 3SUBSUPPERQ CONFIGURATIONS	ARL 67-1324
DETERMINATION OF NUCLEAR MATRIX ELEMENT PARAMETERS IN THE FIRST FORBIDDEN BETA DECAY OF AUSUPPER190 AND SBSUPPER122	ARL 67-1044

47-100-0100

[illegible]

AL038961-1521

[illegible][illegible]

5148-25

PF (26.67-) 24
 AF (26.68-) 27
 (147-) 20-250

REF ID: A66464

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.

ELECTROMAGNETIC MASS SHIFTS COMMUTATOR AMBIGUITIES AND EXPONENTIALLY FALLING FORM FACTORS
A SYSTEM FOR AUTOMATIC COLLECTION AND PROCESSING OF GEOMAGNETIC DATA IN DIGITAL FORM
LOWER BOUNDS FOR EIGENVALUES OF A QUADRATIC FORM RELATIVE TO A POSITIVE QUADRATIC FORM

AFOSR66-1638
AFOSR66-0659
ARL 66-0274

FORMAL

FORMAL DEFINITION OF COLI A COMPUTER DESCRIPTION LANGUAGE
FORMAL SYSTEMS OF INTUITIONISTIC ANALYSIS I
A FORMAL DEDUCTIVE PROBLEM-SOLVING SYSTEM
ON A FORMAL DEFINITION OF DIRECT MACHINE TOOL LANGUAGES
ON CONSTRUCTING FORMAL INTEGRALS OF A HAMILTONIAN SYSTEM NEAR AN EQUILIBRIUM POINT
A NOTE ON UNDECIDABLE PROPERTIES OF FORMAL LANGUAGES
NEW PROOFS OF OLD THEOREMS IN LOGIC AND FORMAL LINGUISTICS

AFOSR67-0588
AFOSR67-0622
AFOSR66-0825
AFOSR66-2770
AFOSR67-0136
AFOSR67-0539
AFOSR67-2517

FORMALDEHYDE

BURNING VELOCITIES IN MIXTURES OF METHYL ALCOHOL FORMALDEHYDE OR FORMIC ACID WITH OXYGEN
MICROSIAL GROWTH ON C1 COMPOUNDS UPTAKE OF ^{14}C SUBC/FORMALDEHYDE AND ^{14}C SUBC/FORMATE BY METHANE-GROWN PSEUDOMONAS

AFOSR66-1203
AFOSR67-1036

FORMALISM

COMPREHENSIVE FORMALISM FOR NUCLEAR REACTION PROBLEMS I DERIVATION OF EXISTING REACTION THEORIES
COMPREHENSIVE FORMALISM FOR NUCLEAR-REACTION PROBLEMS II APPLICATIONS - GIANT RESONANCES AND DOORWAY STATES
THE PROGRESSING WAVE FORMALISM FOR ELECTROMAGNETIC WAVES FROM MOVING SOURCES
COMMENTS ON FRICTION CONSTANT FORMALISM
SCATTERING FROM COULOMB-LIKE POTENTIALS WITHOUT DIVERGENCE OR CUTOFFS I FORMALISM GENERALIZED LIPPMANN-SCHWINGER
SOME CONSPIRACY AND SUPERCONVERGENCE PROPERTIES OF SCATTERING AMPLITUDES IN THE HELICITY FORMALISM
REFORMULATION OF THE REPRESENTATION OF TRANSPORT COEFFICIENTS USING THE AUTOCORRELATION-FUNCTION FORMALISM AND THE

AFOSR67-0449
AFOSR66-0889
AFOSR67-0521
AFOSR67-2756
AFOSR67-2031
AFOSR66-1140
AFOSR66-0946

FORMALISMS

RELATIVISTIC 3-DIMENSIONAL 2-NDY INTEGRAL EQUATIONS ON-SHELL AND OFF-SHELL FORMALISMS

AFOSR67-2829

FORMALIZATION

ORGANIZATIONAL SIZE COMPLEXITY AND FORMALIZATION

AFOSR66-0861

FORMANT

THE SIGNIFICANCE OF THE SECOND FORMANT IN SPEECH INTELLIGIBILITY

AFOSR67-1114

FORMAT

A SIMPLIFIED FORMAT FOR THE MODEL ELIMINATION THEOREM-PROVING PROCEDURE
DESIGN AND IMPLEMENTATION OF FLIP A LISP FORMAT DIRECTED LIST PROCESSOR

AFOSR66-0616
AFOSR67-0616

FORMATION

FORMATION OF EXCITED MOLECULAR STATES IN THE POSITIVE COLUMN OF A HELIUM DISCHARGE
FORMATION OF RESONANT STATES IN NEGATIVE K MESON PLUS PROTON INTO NEGATIVE K MESON PLUS PROTON SYSTEM AND 1,2
FORMATION OF CONCEPTS
FORMATION OF CAVITIES AND MICROJETS IN LIQUIDS AND THEIR ROLE IN INITIATION AND GROWTH OF EXPLOSION
FORMATION AND ISOLATION OF RADICAL ANTIBODIES TO A SYNTHETIC ANTIGEN OF LOW MOLECULAR WEIGHT
FORMATION OF LOCAL MAGNETIC MOMENTS IN METALS
FORMATION OF MOVING AND STATIONARY DETONATION WAVES IN FLOWING COMBUSTIBLE MIXTURES
FORMATION AND OXIDATION OF ALKYL RADICALS BY CORALY /III/ COMPLEXES
THE FORMATION OF THE MACROMOLECULAR STRUCTURE IN HARD SUPERCONDUCTORS
THE FORMATION OF CATIONS AND CATION RADICALS FROM AROMATIC SULFIDES AND SULFOXIDES
THE FORMATION OF VERDOPHOSCHROME FROM PYRIDINE PROTOHAEMICHROME BY EXTRACTS OF RED BLOOD CELLS AND OF LIVER
FUNGUS FORMATION CONDITIONS NEAR COOL SURFACES
THE FORMATION OF POINT DEFECTS IN BINARY ALLOYS
HEAT OF FORMATION AND TRANSITION TEMPERATURES OF SOLID LITHIUM HEXAFLUOROALUMINATE
HEAT OF FORMATION OF ALUMINUM CHLORIDE
HEATS OF FORMATION OF A-ALPHA-BERYLLIUM CHLORIDE AND A-ALPHA AND B-BERYLLIUM NITRIDE
HEATS OF FORMATION OF THE FLUORIDES OF LITHIUM SODIUM AND POTASSIUM
HEATS OF FORMATION OF BORON NITRIDE AND BORON FLUORIDE
HEATS OF FORMATION OF ALUMINUM DIOXIDE AND ALPHA-ALUMINUM DODECABORIDE
POSITRONIUM FORMATION AND REACTIONS
THE HEAT OF FORMATION OF BORON TRIFLUORIDE BY DIRECT COMBINATION OF THE ELEMENTS
THE HEAT OF FORMATION OF BORON CARBIDE
POSITRONIUM FORMATION AND INTERACTION IN GASES
THE HEATS OF FORMATION OF THE CARBIDES OF ALUMINUM AND BERYLLIUM
LOCAL-MOMENT FORMATION AND THE Kondo EFFECT
STUDIES OF THE FORMATION OF PRECIPITATION IN CONVECTION
EFFECT OF MONO FORMATION ON ELECTRON SCATTERING CROSS SECTIONS FOR MOLECULES
INTRAMOLECULAR FORMATION OF P-METHYLBENZYL RADICAL FROM P-XYLENE
FREE ENERGY OF FORMATION OF COPPER OXIDE
THE ENTHALPY OF FORMATION OF TRIETHYLAMINEBORANE
ION RADICALS & THE FORMATION OF THE PHENOTHIAZINYL RADICAL BY THE ULTRAVIOLET IRRADIATION OF PHENOTHIAZINE SOLUTIONS
MIXED HETEROPOLY ACID FORMATION FINAL REPORT JULY 1967
SOLUBILITY AND COMPLEX FORMATION EQUILIBRIA OF SILVER CHLORIDE IN PROPYLENE CARBONATE
KINETICS AND MECHANISM OF FORMATION OF ZINC FERRITE
PHOTOCHEMICAL CYCLOUTANOL FORMATION OF AN ARYL KETONE THE SCOPE AND MECHANISM OF THE REACTION
THE STANDARD FREE ENERGY OF FORMATION OF COPROUS OXIDE
NUMERICAL EXPERIMENTS ON THE FORMATION OF A TORNADO FUNNEL IN THE BOUNDARY LAYER
THE KINETICS OF BUSTITE SCALE FORMATION ON IRON-NICKEL ALLOYS
2-CYCLOHEXYLETHYLTRICYCLOHEXYLETHANE FORMATION OF CYCLOHEXYLTHYLLITHIUM FROM THE CLEAVAGE OF ETHYL ETHER BY
ON A CYCLOHEXYL THEOREM OF THE RETICULAR FORMATION
SOME MECHANISMS FOR A THEORY OF THE RETICULAR FORMATION FINAL REPORT FEB 1967
VISCERAL APPARENT ACTIVITY EFFECTS ON BRAIN STEM RETICULAR FORMATION FINAL REPORT JULY 1966
CONSTANT PRESSURE PLANE CALORIMETRY WITH FLUORINE IS THE HEAT OF FORMATION OF OXYGEN DIFLUORIDE
USE OF SYNTHETIC POLYPEPTIDES IN STUDIES ON THE CONTROL OF ANTIBODY FORMATION
CONNECTIVE INSTABILITY OF INERTIA WAVES AND PHYSICAL ANALYSIS OF THE FORMATION OF TYPHOONS AT THE EARLY STAGE

AFOSR67-0532
AFOSR67-0702
AFOSR67-2221
AFOSR67-2230
AFOSR67-2749
AFOSR66-0420
AFOSR66-0492
AFOSR66-2509
AFOSR67-2350
AFOSR67-2332
AFOSR66-0532
AFOSR66-2666
ARL 66-1152
AFOSR67-1984
AFOSR67-2038
AFOSR67-0864
AFOSR67-1965
AFOSR67-1993
AFOSR67-2439
AFOSR67-2082
AFOSR67-2017
AFOSR66-1714
AFOSR66-2587
AFOSR66-1705
AFOSR66-2420
AFOSR67-3190
AFOSR66-0210
AFOSR66-1761
ARL 67-0034
AFOSR66-1245
AFOSR67-0021
AFOSR67-1605
AFOSR66-0142
AFOSR66-2865
AFOSR67-2627
ARL 67-0163
AFOSR66-0425
AFOSR67-2650
ARL 67-0026
AFOSR66-2642
AFOSR67-0628
AFOSR66-0040
AFOSR66-1542
AFOSR66-0534
AFOSR66-0292

FORMED

ADDITION RADICALS FORMED BY HYDROXYL RADICAL BOMBARDMENT OF URACIL
KINETICS OF ADDITION RADICALS FORMED IN THE AROMATIC RINGS OF AMINO ACIDS POLYAMINO ACIDS AND PROTEINS
KINETIC OF MOLECULAR ION LINES SHOWING NO CHARGE TRANSFER SPECTRA FORMED BY P-TOLENE SULFONIC ESTERS
THE DIFFUSIONAL PROPERTIES OF OXYGEN IN NIOBIUM PENTOXIDE CRYSTALS AND SCALES FORMED ON NIOBIUM

AFOSR67-0018
AFOSR66-2249
AFOSR66-1593
AFOSR66-1146

FORMIC

THE CATALYTIC ACTIVITY OF NICKEL AND NICKEL BORIDE FOR FORMIC ACID DECOMPOSITION
BURNING VELOCITIES IN MIXTURES OF METHYL ALCOHOL FORMALDEHYDE OR FORMIC ACID WITH OXYGEN

AFOSR66-0160
AFOSR66-1203

FORMING

PATENT PROCESS OF FORMING PASSIVATING INTERNAL INSULOSUBS BANDS IN SILVER-INDIUM ALLOYS
THE ROLE OF DIFFUSION IN FORMING OXIDE SCALES

ARL 66-1145
ARL 66-1160

FORMS

HANKEL FORMS TOEPLITZ FORMS AND MEROMORPHIC FUNCTIONS
ON LINEAR FORMS STOCHASTIC INTEGRALS
ON CANONICAL FORMS AND SIMPLIFICATION
COMPLEMENTARY FORMS OF THE VARIATIONAL PRINCIPLE FOR HEAT CONDUCTION AND CONVECTION
MULTIPLE MOLECULAR FORMS OF CREATINE KINASES
HANKEL FORMS TOEPLITZ FORMS AND MEROMORPHIC FUNCTIONS
TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES II
TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES I
TRANSFORMATION OF PROGRAM SCHEMES TO STANDARD FORMS
SERIES REPRESENTATIONS OF DISTRIBUTIONS OF QUADRATIC FORMS IN NORMAL VARIABLES II: NON-CENTRAL CASE

AFOSR66-2572
AFOSR67-1969
AFOSR66-1595
AFOSR66-0099
AFOSR66-1986
AFOSR66-2572
AFOSR66-0793
AFOSR66-0849
AFOSR67-2686
AFOSR67-0406

FORMULA

FORMULA ALGOL MANUAL
SIMPLE FORMULA FOR THE DRELL-WALECHA FORM FACTORS IN QUASI-ELASTIC ELECTRODYNAMIC PROCESSES
GENERAL MASS FORMULA FOR THE NAMBU WAVE EQUATIONS
A GENERAL Z-TRANSFORM FORMULA FOR SAMPLED-DATA SYSTEMS
CORRECTION TO THE KUDD FORMULA
A PRELIMINARY SKETCH OF FORMULA ALGOL
A NUMERICAL INTEGRATION FORMULA USEFUL IN FOURIER ANALYSIS
TENSOR OPERATORS AND MASS FORMULA IN THE MINIMAL EXTENSION OF U-SUB THREE BY CHARGE CONJUGATION
AN EXTENSION OF THE VALIDITY OF THE STATIONARY PHASE FORMULA
DETERMINATION OF THE FIRST DERIVATIVES OF THE DISTURBING POTENTIAL BY GREENS FUNDAMENTAL FORMULA

AFOSR66-0856
AFOSR67-2521
AFOSR66-1367
AFOSR66-2444
AFOSR66-0404
AFOSR67-2207
AFOSR66-0653
AFOSR67-2113
AFOSR67-2686
AFOSR67-0616

FORMULAE

RECURSION FORMULAE FOR HYPERGEOMETRIC FUNCTIONS
A PROCEDURE FOR DERIVING INVERSION FORMULAE FOR INTEGRAL TRANSFORM PAIRS OF A GENERAL KIND

ARL 66-0105
AFOSR66-1729

FORMULAS

RECURSION FORMULAS FOR POLYNOMIALS IN RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS
ASYMPTOTIC FORMULAS WITH REMAINDER ESTIMATES FOR EIGENVALUES OF ELLIPTIC OPERATORS
APPROXIMATE FORMULAS FOR PHOTOELECTRIC COUNTING DISTRIBUTIONS
ON THE THEORY OF BOOLEAN FORMULAS SUBSTITUTION REPLACEMENTS AND PRIME FORMULAS
QUARK MODEL AND QUADRATIC MASS FORMULAS FOR MESONS
THE NUMBER OF TERMS IN THE GENERAL GAIN FORMULAS FOR COATES AND MASON SIGNAL FLOW GRAPHS
ANALYTICITY CONSTRAINTS ON UNEQUAL-MASS REGGE FORMULAS
A SIMPLE RULE FOR CHECKING THE VALIDITY OF CERTAIN DETECTION FORMULAS
ON THE THEORY OF BOOLEAN FORMULAS SUBSTITUTION REPLACEMENTS AND PRIME FORMULAS
A COMPUTER PROGRAM FOR DISCOVERING AND PROVING SEQUENTIAL RECOGNITION RULES FOR WELL-FORMED FORMULAS DEFINED BY A

ARL 67-1135
AFOSR66-1352
AFOSR67-0523
AFOSR67-0541
AFOSR67-2239
AFOSR67-0346
AFOSR67-1105
AFOSR67-1700
AFOSR67-0541
AFOSR67-0759

FORMULATION

FORMULATION OF STATISTICAL EQUATION OF MOTION OF BLOOD
FORMULATION OF THE THEORY TURBULENCE
THE FORMULATION OF SOME ALLOCATION AND CONNECTION PROBLEMS AS INTEGER PROGRAMS
ON THE FORMULATION OF CONSTITUTIVE EQUATIONS FOR LIVING SOFT TISSUES
GENERAL FORMULATION AND NUMERICAL SOLUTION OF REACTION RATE PROBLEMS
LAGRANGE FORMULATION FOR SYSTEMS WITH HIGHER SPIN
A GENERAL FORMULATION AND SOLUTION OF CHEMICAL RATE EQUATIONS FOR USE IN NON-EQUILIBRIUM COMBUSTION STUDIES
A UNIFIED FORMULATION OF THE KINETIC EQUATION
AN INVARIANT FORMULATION OF THE NEW MAXIMUM-MINIMUM THEORY OF EIGENVALUES
RELATIVISTIC FORMULATION OF THE METHOD OF ORTHOGONALIZED PLANE WAVES
SINGLET-TRIPLET FORMULATION FOR DILUTE MAGNETIC ALLOYS I: S-D EXCHANGE MODEL
SINGLET-TRIPLET FORMULATION FOR DILUTE MAGNETIC ALLOYS II: THE ANDERSON MODEL
ON THE COVARIANT FORMULATION OF CLASSICAL RELATIVISTIC STATISTICAL MECHANICS
BORN-APPROXIMATION FORMULATION OF NEUTRON-DEUTERON SCATTERING WITH TENSOR INTERACTION
RELATIVISTIC SPINOR FORMULATION OF STOKES PARAMETERS WITH APPLICATION TO THE INVERSE COMPTON EFFECT
PRELIMINARY RESULTS OF A NEW FORMULATION OF THE HYPERSONIC LEADING EDGE FLOW PROBLEM
SIGNAL FLOW GRAPHS OF SAMPLED-DATA SYSTEMS: A NEW FORMULATION

AFOSR66-0466
AFOSR66-1106
AFOSR67-0441
AFOSR67-2599
AFOSR66-1624
AFOSR66-0137
AFOSR67-2021
AFOSR66-1070
AFOSR67-0330
ARL 66-1420
AFOSR66-1963
AFOSR66-2652
AFOSR66-1029
AFOSR66-2659
AFOSR67-1945
AFOSR67-1936
AFOSR67-1865

FORMYL

CONFORMATIONAL FREE ENERGIES OF THE FORMYL HYDROXYMETHYL AC HYDROXYL GROUPS AS DETERMINED BY THE EQUILIBRATION METHOD

AFOSR66-2456

FORSTERITE

PRESSURE DERIVATIVES OF THE SOUND VELOCITIES OF POLYCRYSTALLINE FORSTERITE WITH 6 PER CENT POROSITY

AFOSR67-1227

FORTRAN

A FORTRAN IV SUBPROGRAM FOR PLOTTING CURVES ON A CALCOMP 563 DIGITAL PLOTTER
THE FORTRAN DEDUCTIVE SYSTEM

AFOSR66-0315
AFOSR66-0818

FORWARD

FORWARD COMPTON SCATTERING AT HIGH ENERGY AND THE DRELL-HEARN-GERASIMOV SUM RULE
SOME REMARKS ON FORWARD RHO PI SCATTERING SUM RULES
TIME CORRELATIONS IN FORWARD SCATTERING BY RANDOM DISTRIBUTIONS FINAL REPORT APR 1968
SIGNAL CORRELATIONS IN FORWARD SCATTERING BY TWO-COMPONENT RANDOM DISTRIBUTIONS
ON THE STABILITY AND CONVERGENCE OF THE SO-CALLED /FORWARD AND CENTERED FINITE-DIFFERENCE/

AFOSR66-0140
AFOSR66-1242
AFOSR66-0223
AFOSR67-0224
AFOSR66-0290

FOUNDATION

AGRICULTURE AS THE FOUNDATION

AFOSR66-254J

FOUNDATIONS

FOUNDATIONS RESEARCH IN PHYSICS
FOUNDATIONS OF OPTIMAL CONTROL THEORY
STUDY OF THE MATHEMATICAL FOUNDATIONS OF THE MEDIAL AXIS TRANSFORMATION FINAL REPORT AUG 1968

AFOSR67-1373
AFOSR66-0666
AFOSR66-0496

FOUR-BODY

SOME (14)?? CASES OF THE RESTRICTED FOUR-BODY PROBLEM
INVESTIGATION OF MOTION IN Cislunar SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
INVESTIGATION OF MOTION IN Cislunar SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL

AFOSR66-0340
ARL 67-1007
ARL 66-1374

| | |
|--|--------------|
| FOUR-COLORING | |
| A NECESSARY CONDITION FOR FOUR-COLORING A PLANAR GRAPH | AFOSR67-0688 |
| FOUR-DIMENSIONAL | |
| RESEARCH IN FOUR-DIMENSIONAL DIAGNOSIS OF CYCLONIC STORM CLOUD SYSTEMS FINAL REPORT OCT 1967 | AFCL67-0617 |
| FOUR-ELECTRON | |
| CORRELATION EFFECTS IN ATOMS III FOUR-ELECTRON SYSTEMS | AFOSR67-2278 |
| FOUR-PARTICLE | |
| AMOUNT OF FOUR-PARTICLE PRODUCTION REQUIRED IN S-MATRIX THEORY | AFOSR67-1720 |
| FOURIER | |
| FOURIER COEFFICIENTS OF FUNCTIONS OF BOUNDED VARIATION | AFOSR67-2344 |
| FOURIER SERIES ON THE RING OF INTEGERS IN A P-SERIES FIELD | AFOSR67-2616 |
| A FOURIER SERIES METHOD FOR MEROMORPHIC AND ENTIRE FUNCTIONS | AFOSR68-2242 |
| FASTER FOURIER ANALYSIS | AFCL67-0667 |
| COMPLEX FOURIER TRANSFORM TECHNIQUE IN VARIABLE COEFFICIENT PARTIAL DIFFERENTIAL EQUATIONS | AFOSR67-2849 |
| A REAL TIME FOURIER TRANSFORM SYNTHESIZER | AFCL67-0049 |
| INTERPOLATION AND FOURIER TRANSFORMATION OF TRANSIENTS | ARL 68-1889 |
| TRANSFORMATIONS OF FOURIER COEFFICIENTS | AFOSR67-0669 |
| A THEOREM ON RANDOM FOURIER SERIES ON NONCOMMUTATIVE GROUPS | AFOSR67-2119 |
| CORRELATION USING FAST FOURIER TRANSFORMS | AFOSR68-2029 |
| RESOLUTION AND NOISE IN FOURIER SPECTROSCOPY | AFCL68-0115 |
| EIGENELEMENTS OF THE FINITE FOURIER TRANSFORM AND THEIR APPLICATION TO ANTENNA PATTERN SYNTHESIS | AFCL67-0342 |
| A SYSTEM TO PERFORM REAL-TIME FOURIER SPECTROSCOPY | AFCL68-0401 |
| A NUMERICAL INTEGRATION FORMULA USEFUL IN FOURIER ANALYSIS | AFOSR68-0653 |
| INVESTIGATION AND CONTINUED DEVELOPMENT OF THE IDEAL FOURIER TRANSFORM ANALOG COMPUTER FINAL REPORT JUN 1967 | AFCL67-0395 |
| EXPERIMENTAL STUDY PROGRAM TO INVESTIGATE LIMITATIONS IN FOURIER SPECTROSCOPY FINAL REPORT JAN 1968 | AFCL68-0050 |
| FOURIER-TRANSFORM | |
| THE DIFFERENCE FOURIER-TRANSFORM /DFT/ METHOD FOR DIRECT CRYSTAL-STRUCTURE DETERMINATION | AFOSR67-2661 |
| FOURTH-ORDER | |
| REACTION AMPLITUDES FOR PSEUDOSCALAR MESONS ON SPIN-HALF FERMIONS IN FOURTH-ORDER PERTURBATION THEORY | AFOSR68-2747 |
| FRACTION | |
| MEASUREMENT OF THE FREE ATOM FRACTION OF 22 ELEMENTS IN AN ACETYLENE-AIR FLAME | AFOSR67-1038 |
| ON TRUNCATION ERRORS FOR CONTINUED FRACTION COMPUTATIONS | AFOSR67-0357 |
| FRACTIONAL | |
| SEQUENCES OF FRACTIONAL FACTORIAL PLANS FINAL REPORT NOVEMBER 1968 | ARL 68-0202 |
| SURFACE ASYMMETRY MECHANISM FOR FRACTIONAL ORDER PEAKS OBSERVED IN LEED BEAMS FROM METALS | AFOSR67-2316 |
| THE SELECTION OF SEQUENCES OF TWO-LEVEL FRACTIONAL FACTORIAL PLANS | ARL 67-0013 |
| THE CATEGORIZATION AND EVALUATION OF SEQUENCES OF TWO-LEVEL FRACTIONAL FACTORIAL PLANS | ARL 68-1290 |
| FRACTIONS | |
| CONTINUED FRACTIONS AND UPPER AND LOWER BOUNDS IN THE BRILLOUIN WIGNER PERTURBATION SCHEME | AFOSR68-1817 |
| ON THE LAW OF THE ITERATED LOGARITHM FOR CONTINUED FRACTIONS | AFOSR67-1322 |
| FRACTURE | |
| FRACTURE OF STEELS | ARL 68-1162 |
| THEORY OF IMPACT STRESS PROPAGATION AND DYNAMIC FRACTURE | AFCL67-0119 |
| CRITICAL STRAIN FIELD IN THE VICINITY OF A STABLE FRACTURE | AFOSR68-1769 |
| FRAGMENTATION | |
| IONIZATION FRAGMENTATION AND ION-MOLECULE REACTIONS OF NH ₃ AND THREE AFTER ION IMPACT | AFCL68-0075 |
| BRIDGED RINGS PART XI: A NOVEL FRAGMENTATION | AFOSR67-0110 |
| FRAME | |
| KINUSKAL SPACE AND THE UNIFORMLY ACCELERATED FRAME | AFOSR68-0126 |
| NUCLEAR SPIN RELAXATION IN A ROTATING FILTED REFERENCE FRAME | AFOSR67-1043 |
| FRAMES | |
| GRAVITATIONAL FIELDS IN FINITE AND CONFORMAL MOND FIELDS | ARL 67-0929 |
| FRAMEWORK | |
| AN ABSTRACT FRAMEWORK FOR THE THEORY OF PROCESS OPTIMIZATION | AFOSR67-0777 |
| ALGEBRA AUTOMATA II: THE CATEGORICAL FRAMEWORK FOR DYNAMIC ANALYSIS | AFOSR68-0454 |
| FRAMEWORKS | |
| THEORETICAL FRAMEWORKS FOR PATTERN RECOGNITION PROBLEMS FINAL REPORT JUNE 1967 | AFOSR68-0457 |
| FRAUNHOFER | |
| NITROGEN LINES IN THE INFRARED FRAUNHOFER SPECTRUM | AFCL67-0479 |
| 1 - NITROGEN LINES IN THE INFRARED FRAUNHOFER SPECTRUM 2 - THE SOLAR SPECTRUM IN THE 5377 AND 4300 Å REGIONS | AFCL67-0095 |
| FREDHOLM | |
| ON A GENERALIZED FREDHOLM THEORY | AFOSR68-1504 |
| FREE | |
| FREE OSCILLATIONS AFTERSHOCKS AND 0 | AFOSR67-1228 |
| FREE CONVECTION FROM A VERTICAL NEEDLE | AFOSR67-1576 |
| FREE WAVELESS FIELDS AS INFINITE-DIMENSIONAL REPRESENTATIONS OF THE LORENTZ GROUP | AFOSR68-2712 |
| FREE RADICALS IN THERMAL AND PHOTOCHEMICAL OXIDATIVE DECARBOXYLATIONS WITH LEAD /ZV/ | AFOSR68-2510 |
| FREE SURFACE PROBLEMS IN FLUID FLOW | AFOSR68-2609 |
| FREE ENERGY OF FORMATION OF CUBIC OXIDE | ARL 67-0034 |
| FREE MOLECULAR FLOW IN A CIRCULAR TUBE OF FINITE LENGTH | ARL 67-1070 |
| FREE MOLECULAR FLOW THROUGH A CIRCULAR TUBE OF FINITE LENGTH | ARL 68-0114 |

FREE

- CONTINUED

A FREE BOUNDARY PROBLEM FOR THE HEAT EQUATION WITH PRESCRIBED FLUX AT BOTH FIXED FACE AND MELTING INTERFACE
 ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE CM SUR3 SIM SUR3 GEN SUB3 AND SM SUB3
 ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE P PH SUR2 AND AS
 PLANAR FREE TURBULENT MIXING WITH AN AXIAL PRESSURE GRADIENT
 USE OF A FREE PISTON FOR GENERATING HYPERVELOCITY FLOWS
 TRANSIENT FREE RADICALS
 THE USE OF FREE TIME BY YOUNG PEOPLE IN SOVIET SOCIETY
 REACTIONS OF FREE RADICALS FINAL REPORT OCT 1967
 THE STANDARD FREE ENERGY OF FORMATION OF COPROUS OXIDE
 INERT CARBON FREE RADICALS
 CONFORMATIONAL FREE ENERGIES OF THE FORMYL HYDROXYMETHYL AC HYDROXYL GROUPS AS DETERMINED BY THE EQUILIBRATION METHOD
 MEASUREMENT OF THE FREE ATOM FRACTION OF 22 ELEMENTS IN AN ACETYLENE-AIR FLAME
 SURFACE STABILIZED FREE RADICALS
 RADIO REFLECTION BY FREE RADICALS IN EARTH'S ATMOSPHERE
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 EXPERIMENTAL STUDIES OF FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 STUDY OF THE ENERGY OF THE FREE OSCILLATIONS OF THE EARTH
 NUCLEAR-MAGNETIC-RESONANCE FREE INDUCTION DECAY IN A TWO-SPIN SYSTEM
 ELECTRON SPIN RESONANCE OF FREE RADICALS FINAL REPORT DEC 1967
 REACTIONS OF ORGANOSILICON FREE RADICALS
 ON THE TRANSITION STATE IN FREE RADICAL INTERACTIONS. FINAL REPORT JUN 1968
 A GENERALIZATION OF CONTEXT FREE DETERMINISM
 ATTENUATION OF THE TORSIONAL FREE OSCILLATIONS IN AN EARTH WITH A DISSIPATIVE MANTLE AND A DISSIPATIVE SOFT-SOLID CORE
 ORIENTATION AND REACTIVITY IN FREE RADICAL AROMATIC SUBSTITUTION FINAL REPORT APRIL 1967
 EXCHANGE POTENTIAL FOR NEARLY FREE ELECTRONS
 COMPRESSIBLE MAGNETOHYDRODYNAMIC FREE JET
 RADAR OBSERVATIONS OF INSECTS IN FREE FLIGHT
 MEASUREMENT OF Q VALUES FROM THE FREE OSCILLATIONS OF THE EARTH
 ON A QUESTION CONCERNING CERTAIN FREE SUBMONOIDS
 AN EXPERIMENT WITH PARTICLES IN A FREE VORTEX
 SEVENTH INTERNATIONAL SYMPOSIUM ON FREE RADICALS PADUA ITALY SEPTEMBER 5-10 1965 FINAL REPORT SEPT 1965
 REARRANGEMENT OF CARBONIUM IONS AND FREE RADICALS IN THE BICYCLO /3,1,0/ HEXYL SYSTEM
 SURFACE FIELDS OF LINEAR ANTENNAS IN FREE SPACE DIELECTRIC RODS AND MAGNETOIONIC MEDIA
 PARTIAL ALGORITHM PROBLEMS FOR CONTEXT FREE LANGUAGES
 PLASMA WIND TUNNEL STUDIES OF COLLISION FREE FLOWS AND SHOCKS
 EFFECT OF A MAGNETIC FIELD ON A LAYER OF FREE SURFACE MERCURY
 ANHARMONIC CONTRIBUTIONS TO THE HELMHOLTZ FREE ENERGY OF A SIMPLE CRYSTAL MODEL HIGH-TEMPERATURE LIMIT AND ZERO-POINT
 DETECTION AND IDENTIFICATION OF SHORT-LIVED FREE RADICALS BY AN ELECTRON SPIN RESONANCE TRAPPING TECHNIQUE
 REACTION OF ETHYL WITH ISOBUTYL AND T-BUTYL FREE RADICALS
 CONTROL OF A DISTRIBUTED PARAMETER SYSTEM WITH A FREE BOUNDARY
 FURTHER EXPERIMENTAL RESULTS FOR THREE-DIMENSIONAL FREE JETS
 SEMICIRCULAR CANAL AND OTOLITHIC ORGAN FUNCTION IN FREE SWIMMING FISH FINAL REPORT SEPT 1967
 A SURVEY OF METHODS FOR CONTROLLING THE ALTITUDE OF FREE BALLOONS WITH AIR BALLAST SYSTEMS
 THE EQUIVALENCE OF CONTEXT LIMITED GRAMMARS TO CONTEXT FREE GRAMMARS
 TRANSITION TO TURBULENCE FOR SUBMERGED INCOMPRESSIBLE AND FREE COMPRESSIBLE FLUID JETS
 ENHANCEMENT OF HEAT AND MASS TRANSFER IN A STAGNATION REGION BY FREE STREAM VORTICITY
 MEASUREMENT OF Q VALUES IN THE ELECTRON SPIN RESONANCE SPECTRA OF FREE RADICALS
 CONFORMATIONAL ANALYSIS BY THE CONFORMATIONAL ENTHALPY ENTROPY AND FREE ENERGY OF THE CARBOXYL CARBOXYLATE
 THE FLOW UPSTREAM OF A BLUNT BODY IN HYPERSONIC FLOW FROM CONTINUUM TO NEARLY FREE MOLECULE CONDITIONS
 BEST APPROXIMATION BY RATIONAL FUNCTIONS AND BY HERMITE POLYNOMIALS WITH SOME FREE POLES
 A SUBMONOIC D-REGION PROBE EXPERIMENT USING AN ULTRAVIOLET SOURCE TO PRODUCE IONS AND FREE ELECTRONS
 COSMIC-RAY NEUTRON MONITOR YIELD FUNCTIONS CROSS TRANSFORMATION AND NUCLEONIC COMPONENT NEAR FREE PATHS

FREE-BURNING
 INTERACTIONS OF FREE-BURNING ARCS WITH TRANSVERSE GAS FLOWS AND MAGNETIC FIELDS

FREE-INDUCTION
 FREE-INDUCTION DECAY IN A MAGNETICALLY DILUTE SOLID
 EXPERIMENTAL FREE-INDUCTION DECAY SHAPES AND THEORETICAL SECOND MOMENTS FOR HYDROGEN IN HEXAGONAL ICE

FREE-LEARNING
 SENTENCE LENGTH AND SENTENCE RETENTION IN THE FREE-LEARNING SITUATION

FREE-MOVING
 BRIEF COMMUNICATION: A NEW TECHNIQUE FOR A STABLE PHOTIC STIMULATION OF FREE-MOVING ANIMALS

FREE-RADICAL
 STEREOCHEMICAL COURSE OF THE FREE-RADICAL ADDITION OF HYDROGEN BROMIDE TO 1-CHLORO-4-T-BUTYLCYCLOHEXENE
 REACTIVE INTERMEDIATES IN THE BICYCLO /3,1,0/ HEXYL AND BICYCLO /3,1,0/ HEXYLIDENE SYSTEMS IN THE FREE-RADICAL

FREE-STREAM
 INTERACTION OF THE LAMINAR BOUNDARY LAYER WITH FREE-STREAM TURBULENCE

FREEDMAN-WANG
 PROPERTIES OF FREEDMAN-WANG AMPLITUDES

FREEDOM
 A STUDY OF ERROR CORRECTING CODES III SYNCHRONIZABILITY AND COMMON FREEDOM
 KINETIC THEORY OF HEAT TRANSFER FOR A GAS WITH INTERNAL DEGREES OF FREEDOM
 OPTIMUM CRITICAL IMPULSE FOR SHAW-THROUGH IN SYSTEMS OF ONE DEGREE OF FREEDOM

FREELY
 SURGICAL IMMOBILIZATION OF THE EYE AND PUPIL PERMITTING STABLE PHOTIC STIMULATION OF FREELY MOVING CATS

FRENCH
 SLEEP AND WAKINGNESS /FRENCH/
 ON THE CONVECTIVE INSTABILITY OF A LASEOUS STAR /FRENCH/
 ARITHMETIC CLASSIFICATION OF A HELSON CLASS OF SETS /FRENCH/
 THE BOUNDARY BEHAVIOR OF THE BERGMAN KERNEL FUNCTION /FRENCH/
 STATIONARY EMPTY SPACES LERG AND RUCLIDEAN BEHAVIOR /FRENCH/
 LEVEL OF CONSCIOUSNESS EEG AND EVOKED POTENTIALS IN MAN /FRENCH/
 A CHARACTERIZATION OF THE STABLE AND SYSTEMATIC PROBLEMS /FRENCH/
 PARADOXICAL SLEEP AND DREAMING AMONG THE MENTAL DEFICIENT /FRENCH/
 COVARIANT DECOMPOSITION AND ENERGY OF THE GRAVITATIONAL FIELD /FRENCH/
 ROLE OF TWO THALAMIC NUCLEI IN INSTRUMENTAL CONDITIONING IN THE RAT /FRENCH/

AFOSR67-1361
 AFOSR67-0013
 AFOSR67-0014
 AFOSR67-2000
 ARL 67-1232
 AFOSR67-2054
 AFOSR67-0984
 AFOSR67-2386
 ARL 67-0163
 ARL 68-0060
 AFOSR68-2456
 AFOSR67-1038
 AFOSR68-1313
 AFOSR67-2748
 ARL 68-1316
 ARL 68-1318
 ARL 68-1321
 AFOSR67-2104
 AFOSR67-2641
 AFOSR68-0060
 ARL 67-1168
 ARL 68-0113
 AFOSR67-0077
 AFOSR67-1141
 AFOSR67-1054
 ARL 67-0175
 AFOSR68-1148
 AFOSR67-0127
 AFOSR68-0161
 AFOSR68-0143
 ARL 68-0145
 AFOSR67-1796
 AFOSR67-1552
 AFOSR68-0574
 AFOSR67-0024
 AFOSR67-1160
 AFOSR68-0229
 AFOSR68-0053
 AFOSR68-2667
 ARL 68-0053
 AFOSR68-0215
 AFOSR67-1997
 AFOSR68-2150
 AFOSR67-0372
 AFOSR67-0434
 AFOSR67-1894
 ARL 68-0022
 AFOSR68-0385
 AFOSR68-0975
 ARL 68-1109
 AFOSR68-0375
 AFOSR67-0050
 AFOSR68-0714

ARL 67-0057

AFOSR68-0985
 AFOSR67-2646

AFOSR67-2235

AFOSR68-1699

AFOSR68-2584
 AFOSR68-1322

AFOSR68-0627

AFOSR68-1224

AFOSR67-0045
 AFOSR67-1935
 AFOSR67-1511

AFOSR67-2546

AFOSR 7-0498
 AFOSR68-2521
 AFOSR67-1123
 AFOSR68-2674
 AFOSR67-2533
 AFOSR67-0804
 AFOSR67-2398
 AFOSR67-0497
 AFOSR68-2529
 AFOSR67-0113

FRENCH

- CONTINUED

COVARIANT DECOMPOSITION OF A TENSOR AND THE GRAVITATIONAL CAUCHY PROBLEM /FRENCH/
 SUPPRESSION OF SLEEP BY P-CHLOROMETHAMPHETAMINE AND P-CHLOROPHENYLALANINE /FRENCH/
 EEG AND BEHAVIORAL EFFECTS OF DEPRIVATION OF PARADOXICAL SLEEP IN THE CAT /FRENCH/
 EFFECTS OF THE LESIONS OF THE RAPHE SYSTEM UPON SLEEP AND CEREBRAL SEROTONIN /FRENCH/
 THE DISPERSION FOR NONLINEAR UP-LATENT EQUATIONS WITH PARTIAL DERIVATIVES /FRENCH/
 QUANTITATIVE ANALYSIS OF THE SPONTANEOUS AND EVOKED ACTIVITY OF THE CELLS OF THE PURKINJE /FRENCH/
 MONOMINIC AND SLEEP POLYGRAPHIC NEUROPHARMACOLOGICAL AND HISTOCHEMICAL STUDY OF SLEEP IN THE CAT /FRENCH/
 PERMANENT INSOMNIA AND DIMINUTION OF CEREBRAL SEROTONIN BY LESION OF THE RAPHE SYSTEM IN THE CAT /FRENCH/

AFOSR67-1473
 AFOSR67-2563
 AFOSR67-0496
 AFOSR67-2564
 AFOSR67-1368
 AFOSR67-2585
 AFOSR67-0511
 AFOSR67-2502

FREQUENCIES

SYSTEM FOR MEASURING FREQUENCIES UP TO 345 GHZ
 CALCULATION OF PHONON FREQUENCIES AND THERMODYNAMIC PROPERTIES OF CRYSTALLINE BCC HELIUM
 CALCULATION OF DEFECT MODE FREQUENCIES
 UPPER AND LOWER BOUNDS FOR THE FREQUENCIES OF RECTANGULAR CANTILEVER PLATES
 HARMONIC GENERATION AT MICROWAVE FREQUENCIES
 ENVIRONMENTAL EFFECTS ON THE INFRARED FREQUENCIES OF POLYATOMIC MOLECULES EVALUATION OF PERTURBATION-THEORY PARAMETERS
 SOME PROPERTIES OF HELICAL ANTENNAS AT LOW FREQUENCIES
 MAGNETIC LOSSES IN SUPERCONDUCTORS AT HIGH FREQUENCIES
 THE EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT NOV 1966
 QUANTITATIVE OBSERVATIONS OF DDT ANGEL ECHOES AT TWO FREQUENCIES
 POLYFLUORINATED AROMATIC ESTERS PREPARATION AND CARBONYL STRETCHING FREQUENCIES
 RESEARCH DIRECTED TOWARD EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT AUG 1966
 HELICON MAGNETOPLASMA EDGE AND PARADAY ROTATION IN SOLID STATE PLASMAS AT MICROWAVE FREQUENCIES

AFOSR66-0656
 AFOSR66-0167
 AFOSR67-0309
 ARL 66-0273
 AFOSR67-0002
 AFOSR67-0235
 AFOSR66-0365
 AFOSR67-0766
 AFOSR67-0111
 AFOSR67-0820
 AFOSR67-1987
 AFOSR66-0449
 AFOSR67-1869

FREQUENCY

FREQUENCY CONVERSION OF SPIN AND SPIN-ELASTIC WAVES IN PULSED MAGNETIC FIELDS
 FREQUENCY DEPENDENCE OF THE FIELD STRENGTH COMPONENTS OF A DIPOLE EMBEDDED IN A CONDUCTING MEDIUM
 FREQUENCY RANGE OF THE MICROWAVE EMISSION FROM INSB
 FREQUENCY VARIATION OF THE NON-TRANSISTOR V SUB D EQUALS 0 ADMITTANCE
 FREQUENCY DEPENDENT FICTION CONSTANT ANALYSIS OF DIFFUSION IN SIMPLE LIQUIDS
 FREQUENCY ANALYSIS OF THE LATE RECEPTOR POTENTIAL
 FREQUENCY ANALYSIS OF THE ELECTRORETINOGRAM
 FREQUENCY IN THE SILANE-OZONE REACTION
 LOW FREQUENCY SCATTERING BY SPHEROIDS AND DISCS
 THE FREQUENCY DEPENDENCE OF THE DIELECTRIC CONSTANT AND CONDUCTIVITY OF ROCK AND ITS RELATION TO QUANTITIES OF ROCK
 LOW FREQUENCY ELECTRIC FIELD CHARACTERISTICS OF CLEAR AL4 TUBULANCE FINAL REPORT JULY 1967
 HIGH FREQUENCY PARAMAGNETIC RESONANCE FINAL REPORT APRIL 1968
 DIGITAL FREQUENCY MEASUREMENTS
 VERY LOW FREQUENCY INTEGRATING VIBRATING SAMPLE MAGNETOMETER /VLFVSM/ WITH HIGH DIFFERENTIAL SENSITIVITY IN HIGH DC
 FIRST ORDER FREQUENCY EFFECTS IN SUPERSONIC PANEL FLUTTER OF FINITE CYLINDRICAL SHELLS
 THE EFFECT OF LINEAR FREQUENCY MODULATION ON ANGULAR RESOLUTION AND POINTING ACCURACY
 TEMPORAL COHERENCE AND FREQUENCY VS TIME CHARACTERISTICS OF A Q-SPOILED RUBY LASER
 A STOCHASTIC MODEL OF THE FREQUENCY AND DURATION OF WEATHER EVENTS
 THEORY OF NON-LINEAR MIXED FREQUENCY GENERATION IN ANISOTROPIC PLASMA
 ON DYNAMICAL SYSTEMS WITH HIGH FREQUENCY PARAMETRIC EXCITATION
 DESIGN AND EVALUATION OF A RADIO FREQUENCY PLASMA SOURCE/ PART 1/ SELF-EXCITED OSCILLATOR
 DESIGN OF INTEGRABLE DESENSITIZED FREQUENCY SELECTIVE AMPLIFIERS
 WAVE PROPAGATION IN MATERIALS HAVING FREQUENCY DEPENDENT RHEOLOGICAL PROPERTIES
 TABLES TO FACILITATE FITTING S SUB U FREQUENCY CURVES
 INTEGRATED SELECTIVE AMPLIFIERS USING FREQUENCY TRANSLATION
 A REVIEW OF DISPERSION RELATIONS FOR LOW FREQUENCY WAVES IN QUIESCENT MAGNETO PLASMAS FINAL REPORT MARCH 1967
 PLASMA DYNAMICS AND INTERACTION WITH HIGH FREQUENCY FIELDS FINAL REPORT APRIL 1968
 NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY- WAVE NUMBER SPECTRA OF SEISMIC EVENTS USING LINEAR ARRAYS
 CURRENT MEASUREMENTS IN HIGH-VOLTAGE RADIO FREQUENCY PLASMA DISCHARGES
 LOWER D-REGION PROCKET EXPERIMENTS USING LOW FREQUENCY RADIO WAVE ABSORPTION
 MULTIPLE ACOUSTIC DIFFRACTION TECHNIQUES FOR FREQUENCY SHIFTING OF LASER SOURCES
 ON THE FEASIBILITY AND OPTIMIZATION OF LINEAR FREQUENCY MODULATION IN DIGITAL SIGNALING
 THE INTERRELATION BETWEEN THE SI-M STRETCHING FREQUENCY /M/ SUB SI-M SI-M/ AND REACTIVITY IN THE OZONE-HYDROSILANE
 RAS CHARACTERISTICS OF A GAS X-RAY-TO-QBAND IN-LINE FREQUENCY TRIPLER
 A NONLINEAR DISCRETE SYSTEM EQUIVALENCE OF INTEGRAL PULSE FREQUENCY MODULATION SYSTEMS
 KINETIC EQUATION FOR A PLASMA AND ITS APPLICATION TO HIGH- FREQUENCY CONDUCTIVITY
 EXPERIMENTAL INVESTIGATION OF SATURATION EFFECTS IN FERRITE FREQUENCY DOUBLERS
 PLASMA HEATING AND WAVE PROPAGATION AT HARMONICS OF THE ION CYCLOTRON FREQUENCY
 UNSTEADY SOLUTIONS OF KINETIC MODELS WITH VELOCITY-DEPENDENT COLLISION FREQUENCY
 THE METHOD OF ELEMENTARY SOLUTIONS FOR KINETIC MODELS WITH VELOCITY DEPENDENT COLLISION FREQUENCY
 100 MH/ HUNDRED 35 GHZ REFLECTION-CAVITY SPECTROMETER WITH PHASE-LOCK OF THE REFERENCE SIGNAL AND LOW FREQUENCY F.L.D
 HIGH POWER OF PLASMA HEATING AND WAVE PROPAGATION NEAR THE FUNDAMENTAL AND HARMONICS OF THE ION CYCLOTRON FREQUENCY

AFOSR67-0861
 AFOSR66-0174
 AFOSR67-1803
 AFOSR66-0392
 AFOSR66-1964
 AFOSR66-2669
 AFOSR66-2691
 ARL 66-0191
 AFOSR67-0360
 AFOSR67-0362
 AFOSR67-0457
 AFOSR66-1002
 AFOSR66-0675
 AFOSR66-0822
 AFOSR67-2591
 AFOSR67-0680
 AFOSR67-0052
 AFOSR67-0125
 AFOSR67-0067
 AFOSR66-2637
 ARL 67-0201
 AFOSR67-0311
 AFOSR66-0141
 AFOSR67-0669
 AFOSR67-0335
 ARL 67-0055
 AFOSR66-2184
 AFOSR67-1201
 AFOSR66-0273
 AFOSR67-0460
 AFOSR67-0419
 AFOSR66-1041
 ARL 66-1222
 AFOSR67-0022
 AFOSR66-2523
 AFOSR67-1746
 AFOSR67-0146
 AFOSR67-2606
 AFOSR67-0657
 AFOSR67-0641
 AFOSR67-1136
 AFOSR67-0226

FREQUENCY-DEPENDENT

GROUND VELOCITY DISPERSION DUE TO PULSE REFLECTION FROM A FREQUENCY-DEPENDENT BOUNDARY IMPEDANCE

AFOSR67-1302

FREQUENCY-DOMAIN

A FREQUENCY-DOMAIN STABILITY CHART FOR NONLINEAR FEEDBACK SYSTEMS

AFOSR66-1324

FRICTION

FRICTION AND WEAR OF NONMETALLIC SOLIDS FINAL REPORT MAY 1967
 COMMENTS ON FRICTION CONSTANT FORMALISM
 THE EFFECTS OF TIDAL FRICTION ON THE EVOLUTION OF THE MARTIAN MOON PHOTOS
 AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE
 AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE
 AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE
 AN APPARATUS FOR THE MEASUREMENT OF INTERNAL FRICTION
 AMPLITUDE-DEPENDENT AND AMPLITUDE-INDEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE

AFOSR67-0049
 AFOSR67-2754
 ARL 66-1201
 ARL 66-1190
 ARL 66-1177
 ARL 66-1160
 ARL 66-0237
 ARL 67-0272

FRIEDMANS

SCALAR BEHAVIOR AND FRIEDMANS MULTIPLE-SCALE THEORY OF IRREVERSIBLE PROCESSES

AFOSR66-0651

FRINGE

INVESTIGATION OF ELECTRONIC FRINGE DETECTOR FOR A STELLAR INTERFEROMETER FINAL REPORT FEB 1967

AFOSR67-0111

FROG

ACTIVATION HEAT IN FROG SARTORIUS MUSCLE
 LOCALIZATION OF SPIKE-PRODUCING CELLS IN THE FROG RETINA
 SENSORY PROPERTIES OF SOME UNITS IN THE TECTUM OF THE FROG FINAL REPORT AUG 1967
 FURTHER STUDIES ON THE VELOCITY FUNCTION OF MOVEMENT DETECTING CLASS-2 NEURONS IN THE FROG RETINA

AFOSR66-1196
 AFOSR66-2707
 AFOSR67-2791
 AFOSR66-2713

FRONT
PLASMA FRONT STUDIES FINAL REPORT MARCH 1968 AFOSR68-1034

FRONTAL
A METHOD FOR RESTRICTING STIMULI TO THE FRONTAL OR LATERAL VISUAL FIELD OF EACH EYE SEPARATELY IN PIGEON AFOSR67-2112

FRONTIER
A SINO-SOVIET CULTURAL FRONTIER THE ILI KAZAKH AUTONOMOUS CHOU AFOSR67-0200

FRONTIERS
PHYSICAL ADSORPTION--A TOOL IN THE STUDY OF THE FRONTIERS OF MATTER AFOSR68-0778

FRONT-TEMPORAL
SHORT TERM AND LONG TERM MEMORY PROCESSES A FUNCTIONAL MODEL OF FRONTO-TEMPORAL RELATIONSHIPS FINAL REPORT JULY 1968 AFOSR68-1672

FRONTS
THE STABILITY OF IONIZATION FRONTS
ON THE STRUCTURE OF IONIZATION FRONTS AFOSR67-2636
AFOSR68-0749

FROST
DETERMINING THE DEGREE OF AMBIGUITY IN FROST POINT TEMPERATURES AS MEASURED BY AN OPTICAL DEW POINT SENSOR AFCL67-0147

FROZEN
REACTIONS IN FROZEN SOLUTIONS VI THE REACTION OF ETHYLENE CHLOROHYDRIN WITH HYDROXYL ION IN ICE
KINETICS OF REACTIONS IN FROZEN SOLUTIONS DEMONSTRATION OF A REACTION IN FROZEN AQUEOUS SOLUTIONS
THE MUTAROTATION OF GLUCOSE IN FROZEN AQUEOUS SOLUTIONS
EXPERIMENTS ON LASER INTERACTION WITH WATER /FROZEN HYDROGEN/
KINETICS OF REACTIONS IN FROZEN SOLUTIONS DEMONSTRATION OF A REACTION IN FROZEN AQUEOUS SOLUTIONS AFOSR67-0089
AFOSR67-0090
AFOSR67-0091
ARL 68-1304
AFOSR67-0090

FRUSTRATION
DISPLACEMENT AND THE SUMMATION OF FRUSTRATION AFOSR67-1084

FURINI
FURINI SUM RULES FOR VERTEX FUNCTIONS AFOSR67-1637

FUEL
LIQUID FUEL - AIR COMBUSTION I. ADDITION OF METAL COMPOUNDS AS SOLUBLE CHELATES TO LIQUID FUELS. II. SPECTRAL
PRESSURE DEPENDENCE OF NONHYDRATIZED HYDRO FUEL REGRESSION RATES
FLAME PROPAGATION OVER THE SURFACE OF A PLASTIC FUEL IN AN OXIDIZING ATMOSPHERE FINAL REPORT OCT 1967
AN INVESTIGATION OF METHODS OF PRODUCING SULFUR TRIOXIDE IN JET EXHAUSTS THROUGH ADDITION OF FUEL ADDITIVES TO JP4 ARL 67-1127
AFOSR67-1907
AFOSR68-1163
AFCL68-0257

FUEL-OXIDIZER
PHOTOCHEMICAL IGNITION OF GASEOUS FUEL-OXIDIZER MIXTURES AT SUBATMOSPHERIC PRESSURES AFOSR68-1553

FUELS
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS
COMBUSTION OF BORON, MAGNESIUM, AND ALUMINUM SUSPENSIONS IN HYDROCARBON FUELS
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS ARL 68-0319
ARL 68-1045
ARL 68-1073

FURTHERMORE
SINTESIS Y PROPIEDADES DE NERVIOS SUPERFICIALES CLORADOS Y PARALIZADOS DEL DIFENILMETANO ARL 67-1704

FURY
FURY AUTOMATED INTERIOR DESIGN BY DIGITAL COMPUTER PRELIMINARY CONSIDERATIONS
VARIABLE CONDUCTIVITY FURY DEVELOPED AND CHANNEL FURY FINAL REPORT MARCH 1967
ELECTRICAL CONDUCTIVITY OF A FULLY IONIZED PLASMA
INVESTIGATION OF A TWO-DIMENSIONAL FULLY STALLED TURBULENT FLOW FIELD
HEAT TRANSFER IN CIRCULAR PIPES WITH FULLY ESTABLISHED TURBULENT FLOW AND PASSED TO A UNIFORM TEMPERATURE AFOSR68-2078
ARL 67-0044
AFOSR68-1830
AFOSR67-2644
ARL 67-1032

FURNACES
ELECTRONIC STRUCTURE AND STABILITY OF THE INORGANIC FURNACES AFOSR68-0613

FUNCTION
SELF FUNCTION EFFECTS IN ATOMIC SPECTROSCOPY
BRAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL MECHANISMS AND SPIRAL PATTERNS UCLA FORUM IN MEDICAL SCIENCES
BRAIN FUNCTION VOLUME VI UCLA FORUM IN MEDICAL SCIENCES VOLUME 1: PROCEEDINGS OF THE FOURTH CONFERENCE ON BRAIN
BRAIN FUNCTION AND VELOCITY IN RESPONSE TO NUCLEON-NUCLEON POTENTIAL
NETWORK FUNCTION SYNTHESIS USING NON-FULLY GROUNDED AMPLIFIERS AND NON-UNIFORMS
NETWORK FUNCTION DETERMINATION FROM PARTIAL SPECIFICATIONS
TRANSFER FUNCTION SYNTHESIS USING RESONATORS AND SOME ACTIVE NETWORKS
SIMPLE AND FUNCTION FOR THE LUTINUM MOLECULE
CORRELATION FUNCTION SPATIAL FILTERING WITH ENCOMPONENT LIGHT
AN IMPROVED FUNCTION FOR COMPUTER SYSTEM SCHEDULING OF FOUR
CONJUGATED AS A FUNCTION OF THE DURATION OF RUDIMENTARY STIMULATION
CORRELATION FUNCTION FOR COLORED NOISE
ORIENTATION AS A FUNCTION OF RETINAL LOCUS IN THE LIGHT-ADAPTED EYE
THE LOW ACTIVITY FUNCTION - AN APPROACH TO THE STUDY OF ELECTROLYTE BEHAVIOR IN CONCENTRATED SOLUTIONS
THE LOW ACTIVITY FUNCTION OF A GROUP
THE LOW ACTIVITY FUNCTION OF A GROUP
DIFFERENCE-INVERSION FUNCTION FOR SODIUM MONOAMINOACRYLATES IN DMSO
STABILITY INVERTING FUNCTION AND ITS APPLICATION TO SYSTEMS WITH TIME DELAY
STABILITY INVERTING AS A FUNCTION OF THERMAL IRRADIATION
WAVELENGTH OF RESONANCE FUNCTION CHINA PROCEEDINGS FINAL REPORT DECEMBER 1964
ANALYSIS OF THE PHASE FUNCTION IN SINGLE SIDEBAND SIGNAL AND ITS APPLICATION TO SPEECH
TRANSFORMING FUNCTIONAL FUNCTION EFFECTS
A FUNCTIONAL FUNCTION
SINGLE PARTICLE CORRELATION FUNCTION FOR A ONE-DIMENSIONAL MANY-PARTICLE SYSTEM
RELATION OF SODIUM ION FUNCTION IN MEMBRANE
THE VOLTAGE CORRELATION FUNCTION WITH A SINE WAVE
RELATIONSHIP BETWEEN AS A FUNCTION OF THERMAL IRRADIATION
RELATIONSHIP OF THE WAVELENGTH FUNCTION FOR THE COMPUTATION OF FLUXES OF COMPRESSIBLE FLUIDS AFOSR68-0750
AFOSR68-1341
AFOSR68-1342
AFOSR68-2040
AFOSR67-0111
AFOSR67-0119
AFOSR67-0120
AFOSR68-1069
AFOSR67-2102
AFOSR68-2587
AFOSR68-2587
AFOSR67-1548
AFOSR68-1651
AFOSR67-1292
AFOSR68-0919
AFOSR68-2173
AFOSR67-1363
AFOSR68-1366
AFOSR68-0113
ARL 68-0700
AFOSR68-0857
AFOSR68-1341
AFOSR68-2173
AFOSR68-1341
AFOSR68-1341
AFOSR68-1341
AFOSR68-1341
AFOSR68-1341

FUNCTION

- CONTINUED

APPLICATION OF GENERALIZED FUNCTION THEORY TO NETWORK REALIZABILITY THEORY AND TIME DOMAIN SYNTHESIS OF POSITIVE-REAL
 GENERALIZATION OF A BESSEL FUNCTION INTEGRAL
 RECOGNITION PERFORMANCE AS A FUNCTION OF DETECTION CRITERION IN A SIMULTANEOUS DETECTION-RECOGNITION TASK
 VERBAL SHORT TERM-MEMORY AS A FUNCTION OF DEGREE OF LEARNING ON A PERCEPTUAL MOTOR INTERPOLATED ACTIVITY
 A REPRESENTATION OF A BOUNDED FUNCTION AS INFINITE PRODUCT IN A DOMAIN WITH BERGMAN-SHILOV BOUNDARY SURFACES
 FURTHER STUDIES ON THE VELOCITY FUNCTION OF MOVEMENT DETECTING CLASS-2 NEURONS IN THE PROG RETINA
 SIMULTANEOUS APPROXIMATION OF A FUNCTION AND ITS DERIVATIVES
 RETENTION OF OPINION CHANGE AS A FUNCTION OF DIFFERENTIAL SOURCE CREDIBILITY
 PERCEIVED INTENSITY OF ODOR AS A FUNCTION OF TIME OF ADAPTATION
 QUANTUM STRUCTURE IN THE DIELECTIC FUNCTION OF METALS AND ANOMALOUS PROPAGATION MODES
 ON THE ASYMPTOTIC FORM OF THE STREAM FUNCTION FOR THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLIC CYLINDER
 LINKED CLUSTER THEOREM AND THE GREENS FUNCTION EQUATIONS OF MOTION FOR A MANY-FERMION SYSTEM
 INTENSITY OF ATOMIC FLUORESCENCE AS A FUNCTION OF ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY
 THE LINEARITY OF THE CHARGE CONVERSION FUNCTION FOR COOLED LITHIUM-DOPED SILICON DETECTORS IN RESPONSE TO X-RAY AND
 MEMORY EFFECTS AND THE AUTOCORRELATION FUNCTION OF DYNAMICAL VARIABLE
 SEMICIRCULAR CANAL AND OTOLITHIC ORGAN FUNCTION IN FIVE SWIMMING FISH FINAL REPORT SEPT 1968
 INTERPOLATION THEOREMS FOR OPERATORS IN FUNCTION SPACES
 MORPHOLOGICAL ASPECTS ON THE HYDROSTATIC FUNCTION OF THE GAS BLADDER OF CLUPEA HARENGUS L
 TIME EVOLUTION OF THE TOTAL DISTRIBUTION FUNCTION OF A ONE-DIMENSIONAL SYSTEM OF HARD RODS
 SERIES EXPANSIONS FOR THE INCOMPLETE GAMMA FUNCTION AND ITS DERIVATIVES
 THE BOUNDARY BEHAVIOR OF THE BERGMAN KERNEL FUNCTION /FRENCH/
 ANTENNA SYSTEM OPTIMIZATION BY TRANSCURRENCE FUNCTION MAXIMIZATION THEORY
 ANTENNA SYSTEM OPTIMIZATION BY TRANSCURRENCE FUNCTION MAXIMIZATION APPLICATIONS
 DISTRIBUTION OF PRODUCT AND QUOTIENT OF BESSEL FUNCTION VARIATES
 INDIVIDUAL PERFORMANCE AND SELF-EVALUATION AS A FUNCTION OF LEVEL OF TEAM OUTPUT FINAL REPORT SEPT 1967
 THE STRUCTURE OF THE LEVEL SURFACES OF A LYAPUNOV FUNCTION
 A SYSTEM OF INEQUALITIES FOR THE INCOMPLETE GAMMA FUNCTION AND THE NORMAL INTEGRAL
 INVESTIGATION OF LOGIC CIRCUIT COMPLEXES UNIVERSAL FUNCTION MODULES FINAL REPORT APR 1967
 THE FOURTH COEFFICIENT OF A BOUNDED REAL UNIVALENT FUNCTION
 INDEX OF REFRACTION OF ISO-PENTANE AND MESITYLENE AS FUNCTION OF PRESSURE
 MAGNETOELASTIC PROPERTIES OF YTTRIUM IRON GARNET AS A FUNCTION OF TEMPERATURE
 THE SET OF ASYMPTOTIC VALUES OF A BOUNDED HOMOMORPHIC FUNCTION
 A CHARACTERIZATION OF THE SET OF ASYMPTOTIC VALUES OF A FUNCTION HOMOMORPHIC IN THE UNIT DISC
 CONVERGENCE OF THE SERIES EXPANSION FOR THE THOMAS-FERMI FUNCTION
 THE CONVERSION OF CUBIC TO HEXAGONAL SILICON CARBIDE AS A FUNCTION OF TEMPERATURE AND PRESSURE
 ON THE ACCURACY OF CERTAIN APPROXIMATIONS FOR THE CHAPMAN FUNCTION
 THE CHERVYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL
 THE CHERVYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL
 THE CHERVYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL
 DETERMINATION OF THE DEGREE OF IONIZATION OF GAS ATOMS AS A FUNCTION OF X-RAY ENERGY
 SURFACE RECOMBINATION EFFICIENCIES IN FLOWS CONTAINING STEP -FUNCTION INCREASES IN ATOMIC OXYGEN FINAL REPORT MARCH
 EXCITATION OF MANTLE RAYLEIGH WAVES OF PERIOD 100 SECONDS AS A FUNCTION OF MAGNITUDE
 RADIATIVE TRANSFER II THE ITERATION OF THE MONOCHROMATIC SOURCE FUNCTION IN THE PRESENCE OF SCATTERING
 CHANGE OF TRANSITION TEMPERATURES OF ANTIFERROMAGNETIC CRYSTALS AS A FUNCTION OF HIGH HYDROSTATIC PRESSURES
 ON THE COEFFICIENTS OF A WIENER CANONICAL EXPANSION FOR THE LIKELIHOOD FUNCTION OF A CONTINUOUS MARTINGALE
 A NOTE ON THE VARIATION OF THE UNIT REYNOLDS NUMBER ON A FLAT PLATE AS A FUNCTION OF THE ANGLE OF ATTACK FINAL REPORT
 NOTES ON THE PHYSICAL STATE OF THE PRISONER OF WAR AS IT MAY AFFECT BRAIN FUNCTION
 SUPERCONDUCTING TRANSITION TEMPERATURE AND RESISTIVITY OF TIN WHISKERS AS A FUNCTION OF UNIAXIAL TENSION
 HIGHER-ORDER CORRECTIONS TO COLLECTIVE PARTICLE-HOLE EXCITATIONS USING GREEN FUNCTION TECHNIQUES
 REPRESENTATIONS OF THE ALGEBRA OF ALL OPERATORS IN HILBERT SPACE AND RELATED ANALYTIC FUNCTION ALGEBRAS
 MOMENTUM-SPACE ANALYTICITY PROPERTIES OF THE BERGMAN-WEIL INTEGRAL FOR THE THREE POINT FUNCTION

AFCLR68-0349
 ARL 68-0122
 AFOSR68-2676
 AFOSR68-1891
 AFOSR68-2602
 AFOSR68-2703
 ARL 67-1105
 AFOSR68-2549
 AFOSR68-2556
 AFOSR68-1788
 AFOSR67-1346
 AFOSR67-1244
 AFOSR67-1299
 AFOSR67-1948
 AFOSR68-0029
 AFOSR68-2150
 AFOSR68-1953
 AFOSR67-2271
 AFOSR68-2566
 ARL 67-1267
 AFOSR68-2674
 AFCLR67-0180
 AFCLR67-0168
 AFOSR68-2182
 AFOSR67-2494
 AFOSR67-2174
 ARL 67-0259
 AFCLR67-0243
 AFOSR68-2015
 ARL 68-0226
 AFCLR67-0256
 AFOSR68-2652
 AFOSR68-2653
 AFOSR67-1717
 AFCLR67-0436
 AFCLR67-0468
 ARL 67-1264
 ARL 68-1243
 ARL 68-1244
 AFOSR68-0676
 AFOSR68-0693
 AFOSR68-1451
 AFOSR68-2683
 ARL 67-1294
 AFOSR67-1555
 ARL 68-0030
 AFOSR68-1407
 AFOSR67-0352
 AFOSR68-1372
 AFOSR67-2648
 AFOSR67-1537

FUNCTION-THEORETIC

SOME FUNCTION-THEORETIC ASPECTS OF LINEAR SECOND-ORDER DIFFERENTIAL EQUATIONS

AFOSR67-1470

FUNCTIONAL

FUNCTIONAL ROLE OF THE MICRO-POSTSYNAPTIC DOPAMINE NEURONS
 FUNCTIONAL LAGRANGE EXPANSION IN STATE SPACE AND THE S-DOMAIN
 FUNCTIONAL INTEGRAL REPRESENTATION OF NONEQUILIBRIUM STATISTICAL MECHANICS
 FUNCTIONAL EQUATIONS - ASYMPTOTIC EQUIVALENCE OF EQUATIONS OF EVOLUTION
 FUNCTIONAL ANALYSIS OF INFORMATION METEOROLOGY FINAL REPORT AUG 1968
 FUNCTIONAL INTERDEPENDENCE OF THETA CONSTANTS
 FUNCTIONAL REPRESENTATION OF TOPOLOGICAL ALGEBRAS
 FUNCTIONAL PROPERTIES OF A MEMOGRAM CARRYING MEMO ONLY ON ALPHA CHAINS
 FUNCTIONAL ANALYTIC ASPECTS IN CONTROL THEORY
 FUNCTIONAL ANALYSIS AS A TOOL TO THE STABILITY OF NONLINEAR SYSTEMS
 A CLASS OF FUNCTIONAL EQUATIONS OF NEUTRAL TYPE
 INVESTIGATION ON FUNCTIONAL PROPERTIES OF CHROMATOGRAPHIC DATA APPLICATION TO CADMIUM ADSORPTION FROM 100IDE MEDIUM
 FUNCTIONAL AND FUNCTIONAL ADAPTATION IN A VISUAL SYSTEM
 ON FITTING WITH FUNCTIONAL POLYNOMIALS
 FUNCTIONAL STATES AND FUNCTIONAL RELATIONS WITH CORTICOSUBCORTICAL SYSTEMS IN ATTENTION AND LEARNING
 LINEAR ASYMPTOTICALLY AUTONOMOUS FUNCTIONAL DIFFERENTIAL EQUATIONS /ITALIAN/
 ALTERNATIVE PROBLEMS FOR NONLINEAR FUNCTIONAL EQUATIONS
 BOUNDED AND NATURAL SOLUTIONS FOR NONLINEAR FUNCTIONAL EQUATIONS
 SHORT-TERM AND LONG-TERM MEMORY PROCESSES A FUNCTIONAL MODEL OF FRONTO-TEMPORAL RELATIONSHIPS FINAL REPORT JULY 1968
 RHEOLOGICAL STUDIES OF AMYLOSE AND GLA DURING LEARNING AND DIFFERENT FUNCTIONAL CONDITIONS FINAL REPORT MAY 1967
 OBSERVATIONS OF HIERARCHIES FOR N-PARTICLE SYSTEMS AND VLASOV SYSTEMS BY MEANS OF THE FUNCTIONAL CALCULUS

AFOSR67-0868
 AFOSR67-1706
 AFOSR67-2186
 AFOSR67-2326
 AFOSR68-2198
 AFOSR68-2259
 AFOSR68-2476
 AFOSR68-2791
 ARL 68-1205
 RADC 67-0030
 AFOSR68-0553
 AFOSR67-0750
 AFOSR68-0700
 AFOSR67-1947
 AFOSR67-2584
 AFOSR68-1763
 AFOSR68-0808
 AFOSR68-1952
 AFOSR68-1672
 AFOSR67-1600
 AFOSR67-1506

FUNCTIONAL-DIFFERENTIAL

GENERALIZED THEORY OF FUNCTIONAL-DIFFERENTIAL EQUATIONS
 ON BANACH-VALUED FUNCTIONAL-DIFFERENTIAL EQUATIONS
 ON THE STABILITY OF SOLUTIONS OF FUNCTIONAL-DIFFERENTIAL EQUATIONS

AFOSR67-2219
 AFOSR67-2128
 AFOSR68-2595

FUNCTIONALS

MINIMIZING FUNCTIONALS IN NORMED-LINEAR SPACES
 MINIMIZING FUNCTIONALS
 EXTREMAL PROBLEMS FOR A CLASS OF FUNCTIONALS DEFINED ON CONVER SETS
 MINIMIZING FUNCTIONALS IN CONJUGATE SPACES
 CONTINUOUS LINEAR TIME DELAY SYSTEMS WITH ESSENTIALLY LINEAR COST FUNCTIONALS
 MINIMIZING FUNCTIONALS OF A FUNCTIONAL TYPE AND CHARACTERIZATION OF ANALYTIC FUNCTIONALS
 DETERMINING LINEAR OPTIMAL CONTROL SYSTEMS WITH COEFFICIENTS OF QUADRATIC COST FUNCTIONALS

AFOSR68-0281
 AFOSR67-0824
 AFOSR67-2718
 AFOSR68-0611
 AFOSR68-0308
 AFOSR67-0264
 AFOSR67-0296

FUNCTIONS

FUNCTIONS OF A COMPLEX VARIABLE FIVE REPORT JUNE 1968
 FUNCTIONS OF A MATRIX
 FUNCTIONAL EQUATIONS AND MONOTONE MAPPINGS
 INVERSE FUNCTIONS IN ORDERED SETS
 SPECIAL FUNCTIONS OF THE HYPERGEOMETRIC EQUATION
 SPECIAL FUNCTIONS OF THE HYPERGEOMETRIC EQUATION
 SPECIAL FUNCTIONS OF THE HYPERGEOMETRIC EQUATION
 SPECIAL FUNCTIONS OF THE HYPERGEOMETRIC EQUATION

AFOSR68-1405
 RADC 67-0376
 AFOSR67-0667
 AFOSR67-1944
 AFCLR68-0029
 AFOSR67-2177
 AFOSR68-2435
 ARL 68-1268

ANGULAR FUNCTIONS FOR A THREE NUCLEON SYSTEM
ELLIPTIC FUNCTIONS FOR COMPLEX ARGUMENTS FINAL REPORT JAN 1967
MATHEMATICAL FUNCTIONS OF ARC PLASMAS FROM CHARACTERISTIC MEASUREMENTS
UNIVERSAL FUNCTIONS
ON ENTIRE FUNCTIONS OF EXPONENTIAL TYPE AND INDICATORS OF ANALYTIC FUNCTIONALS
A NOTE ON FUNCTIONS WHICH OPERATE
UNIVALENT FUNCTIONS WHOSE FIRST COEFFICIENTS ARE REAL
ON LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES
HOLMORPHIC FUNCTIONS AND HAUSSDOFF DIMENSION
DISTRIBUTION FUNCTIONS IN THE STATISTICAL THEORY OF TURBULENCE
ON TRANSITION FUNCTIONS OCCURRING IN THE THEORY OF DIFFRACTION IN INHOMOGENEOUS MEDIA
SELF-INVERSE FUNCTIONS
USE OF ORWAVE FUNCTIONS FOR INTERBAND ABSORPTION IN THE ALKALIS
EXCITED-STATE WAVE FUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS FOR KRYPTON AND XENON
NOTE ON CLASSES OF FUNCTIONS DEFINED BY INTEGRATED LIPSCHITZ CONDITIONS
ELECTRON EXCITATION FUNCTIONS OF MERCURY
ANHARMONIC POTENTIAL FUNCTIONS OF POLYATOMIC MOLECULES FINAL REPORT DEC 1967
EXTREMAL PROBLEMS FOR FUNCTIONS OF BOUNDED BOUNDARY ROTATION
ON THE CHOICE OF SPIN FUNCTIONS IN THE AND METHOD
CALCULUS OF SET VALUED FUNCTIONS AND CONTROL
SPACE-TIME CORRELATION FUNCTIONS FOR THE ENSKOG DENSE GAS I
THE SPAN AND PRINCIPAL FUNCTIONS IN RIEMANNIAN SPACES
MINIMIZATION OF BOOLEAN FUNCTIONS CONTAINING ARBITRARY PARAMETERS
FOURIER COEFFICIENTS OF FUNCTIONS OF BOUNDED VARIATION
CALCULATED SPECIFIC YIELD FUNCTIONS FOR NEUTRON MONITORS FINAL REPORT JUNE 1968
HADAMARD'S CLASS OF GREEN'S FUNCTIONS IN REGULARIZED 9 PLUS 4 THEORY
ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL COMPLEX VARIABLES
LINEAR SPACES OF ANALYTIC FUNCTIONS
UTILIZATION OF THE LAMBA FUNCTIONS IN THE ANALYSIS AND SYNTHESIS OF MONOPULSE ANTENNA DIFFERENCE PATTERNS
ON THE RING OF HOLONOMIC FUNCTIONS ON AN OPEN RIEMANN SURFACE
INTEGRALS WHICH ARE CONVEX FUNCTIONS
POLYNOMIAL APPROXIMATION OF FUNCTIONS ANALYTIC IN A DISK
EUBINI SUM RULES FOR VERTEX FUNCTIONS
HYPERBOLIC MEAN AUTOMORPHIC FUNCTIONS
SPACE-TIME CROSS-CORRELATION FUNCTIONS FOR ANTENNA ARRAY ELEMENTS IN A NOISE FIELD
NORM INEQUALITIES FOR ENTIRE FUNCTIONS OF EXPONENTIAL TYPE
OPTICAL IONIZATION-EXCITATION FUNCTIONS OF HELIUM BY ELECTRON IMPACT
APPROXIMATION FROM A CURVE OF FUNCTIONS
ON THE DISTRIBUTION OF LINEAR FUNCTIONS AND RATIOS OF LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES
BEST APPROXIMATION BY RATIONAL FUNCTIONS AND BY MEROMORPHIC FUNCTIONS WITH SOME FREE POLES
THE APPLICATIONS OF GENERALIZED FUNCTIONS FINAL REPORT DEC 1967
NORMALIZED CUMULATIVE BLACKBODY FUNCTIONS, AND THEIR APPLICATIONS IN THERMAL RADIATION CALCULATIONS
COSMIC-RAY NEUTRON MONITOR YIELD FUNCTIONS GROSS TRANSFORMATION AND NUCLEONIC COMPONENT MEAN FREE PATHS
UNIQUENESS THEOREMS FOR ANALYTIC FUNCTIONS OF ONE AND OF SEVERAL COMPLEX VARIABLES
INTERPOLATION WITH POSITIVE-REAL FUNCTIONS
CONVARIANT PROPAGATORS AND VERTEX FUNCTIONS FOR ANY SPIN
APPROXIMATION BY BOUNDED ANALYTIC FUNCTIONS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE
TWO LEVEL REALIZATION OF SWITCHING FUNCTIONS WITH A MINIMUM OF THRESHOLD GATES
ASYMPTOTICALLY OPTIMAL DISCRIMINANT FUNCTIONS FOR PATTERN RECOGNITION
DERIVATION PAIRS ON THE HOLONOMIC FUNCTIONS
DEGREE OF APPROXIMATION BY RATIONAL FUNCTIONS AND POLYNOMIALS
REALIZATION OF A CLASS OF SWITCHING FUNCTIONS BY THRESHOLD-LOGIC NETWORKS
A RELATION BETWEEN MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
GEOMETRIC THEORY OF THE SPIN-WEIGHTED FUNCTIONS
RECURSION FORMULAE FOR HYPERGEOMETRIC FUNCTIONS
AN EVALUATION OF ABSORPTION CORRECTION FUNCTIONS FOR ELECTRON PROBE MICROANALYSIS
ON THE FOURTH COEFFICIENT OF UNIVALENT FUNCTIONS WITH BOUNDED BOUNDARY ROTATION
OPTIMUM LINEAR INTERPOLATION OF SAMPLED FUNCTIONS
ON SUMMABILITY OF DOUBLY SUBHARMONIC FUNCTIONS
SOME RESULTS RELATING MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
REALIZATION OF LIE ALGEBRAS BY ANALYTIC FUNCTIONS OF GENERATORS OF A GIVEN LIE ALGEBRA
DIFFERENTIAL RESPONSE AND SPECIFIC YIELD FUNCTIONS OF COSMIC-RAY NEUTRON MONITORS
ON THE SIGNIFICANCE OF TWO NEW PATTERSON FUNCTIONS FOR DISORDERED CRYSTALS
THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS OF BEST APPROXIMATION III
ON THE COEFFICIENT PROBLEM FOR UNIVALENT FUNCTIONS
ON A MEAN VALUE THEOREM FOR VECTOR-VALUED FUNCTIONS WITH APPLICATIONS TO UNIQUENESS THEOREMS FOR RIGHT-HAND-
SOME PROPERTIES OF HIGHER ORDER CONVEX FUNCTIONS
SPHERICAL CAPS AND RANDOM VALUED HARMONIC FUNCTIONS
STRUCTURE OF LIQUIDS IV DIRECT CORRELATION FUNCTIONS OF LIQUID ARGON
MOMENTS OF THE MOMENTUM DENSITY CORRELATION FUNCTIONS IN SIMPLE LIQUIDS
ON THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS
MINKEL FORMS FOR POLYTOPE FORMS AND MEROMORPHIC FUNCTIONS
ON A SUBCLASS OF THREE-DIMENSIONAL HARMONIC FUNCTIONS DEFINED BY THE BERGMAN-WHITTAKER OPERATOR
CONJUGATES AND LEGENDRE TRANSFORMS OF CONVEX FUNCTIONS
SOME NEW INTEGRAL RELATIONS INVOLVING BESSEL FUNCTIONS
SOME NEW INTEGRAL RELATIONS INVOLVING BESSEL FUNCTIONS
INTERPOLATING FAMILIES AND GENERALIZED CONVEX FUNCTIONS
STUDIES ON THE NEURODEGENERATIVE AND BEHAVIORAL FUNCTIONS OF THE HRAIN SEPTAL AREA
REPRESENTATION THEOREMS FOR POSITIVE RATIONAL FUNCTIONS
HYPERBOLIC CAPACITY AND INTERPOLATING RATIONAL FUNCTIONS II
ASYMPTOTIC NORMALITY OF LINEAR COMBINATIONS OF FUNCTIONS OF ORDER STATISTICS II
A LINDFLOF THEOREM AND ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL VARIABLES WITH AN APPLICATION TO THE FEYNMAN
TABLE OF HARTREE-FOCK SELF-CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT III FINAL REPORT JAN 1967
TABLE OF HARTREE-FOCK SELF-CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT IV FINAL REPORT FEB 1964
EXTREMAL PROBLEMS IN THE CLASS OF CLOSE-TO-CONVEX FUNCTIONS
MEAN-SQUARE APPROXIMATION BY GENERALIZED RATIONAL FUNCTIONS
DISTRIBUTIONS AND THE BOUNDARY VALUES OF ANALYTIC FUNCTIONS
ROLE OF VARIOUS BRAIN STRUCTURES ON PHYSIOLOGICAL FUNCTIONS FINAL REPORT DEC 1967
EXTREMAL PROBLEMS IN THE CLASS OF CLOSE-TO-CONVEX FUNCTIONS
A FOURIER SERIES METHOD FOR MEROMORPHIC AND ENTIRE FUNCTIONS
ON THE CLOSURE OF CHARACTERS AND THE ZERO OF ENTIRE FUNCTIONS
MAXIMAL IDEALS IN THE ALGEBRA OF BOUNDED HOLONOMIC FUNCTIONS
THE FEASIBILITY OF DEVELOPING TRANSFER OF TECHNOLOGY FUNCTIONS
ORBIT PERTURBATIONS OF ARTIFICIAL EARTH SATELLITES AS FUNCTIONS OF GRAVITY ANOMALIES AND DIFFERENTIAL CORRECTIONS OF
DECOMPOSITION THEOREM FOR BOUNDED UNIFORMLY CONTINUOUS FUNCTIONS ON A GROUP
THE RATE OF CONVERGENCE OF AN ALGORITHM FOR RECOVERING FUNCTIONS FROM NOISY MEASUREMENTS TAKEN AT RANDOMLY SELECTED
REMARKS ON SOME RECENT EXTENSIONS OF FILIPPOV'S IMPLICIT FUNCTIONS LEMMA
ON THE EXISTENCE OF NON-TANGENTIAL LIMITS OF SUBHARMONIC FUNCTIONS
REFLECTION-RADIATION CONDITIONS FOR DERIVATIVES OF RADIATING FUNCTIONS
ASYMPTOTIC BEHAVIOR OF INTEGRALS CONNECTED WITH SPECTRAL FUNCTIONS OF HYPERELLIPTIC OPERATORS
QUALITY AND STABILITY IN EXTREMUM PROBLEMS INVOLVING CONVEX FUNCTIONS
BEST APPROXIMATION BY RATIONAL FUNCTIONS AND BY MEROMORPHIC FUNCTIONS WITH SOME FREE POLES
THE LOCAL MAXIMUM THEOREM FOR THE COEFFICIENTS OF UNIVALENT FUNCTIONS
ON THE DISTRIBUTION OF LINEAR FUNCTIONS AND RATIOS OF LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES
SATURATION PROBLEM OF A SUMMABLE OF SCALAR AND PSEUDOSCALAR SPECTRAL FUNCTIONS
STATE-VARIABLE SYNTHESIS FOR LINEAR INSENSITIVE INTEGRATED CIRCUIT TRANSFER FUNCTIONS

AFOSR67-1356
ARL 67-0001
ARL 68-0341
AFOSR68-0144
AFOSR67-0264
AFOSR68-1319
AFOSR68-2617
ARL 67-0240
AFOSR67-1309
AFOSR67-2462
AFOSR67-1734
ARL 68-1256
AFOSR67-1719
AFOSR67-0745
AFOSR68-1076
AFOSR67-1950
AFOSR68-0125
AFOSR68-0062
AFOSR68-1079
AFOSR68-1831
AFOSR68-2476
AFOSR68-2616
AFOSR67-1891
AFOSR67-2344
AFOSR68-0320
AFOSR67-0595
AFOSR67-2759
AFOSR68-0203
AFOSR68-0838
AFOSR68-1500
AFOSR68-2439
AFOSR67-0561
AFOSR67-1637
AFOSR68-0789
AFOSR67-0464
AFOSR68-2593
AFOSR67-2646
AFOSR68-0325
ARL 67-0253
AFOSR68-0175
AFOSR67-0216
ARL 68-0255
AFOSR68-0714
AFOSR68-0986
RADC 67-0070
AFOSR67-1609
AFOSR68-2299
AFOSR68-1920
AFOSR68-0741
AFOSR68-0784
AFOSR68-1031
AFOSR68-1869
AFOSR67-0941
AFOSR68-0979
ARL 68-0105
AFOSR68-1864
AFOSR68-2614
AFOSR67-2407
AFOSR67-1335
AFOSR67-2410
AFOSR68-2501
AFOSR67-0477
AFOSR67-2489
AFOSR68-1066
AFOSR68-2680
AFOSR67-0775
AFOSR67-2053
AFOSR68-1739
AFOSR67-1187
AFOSR68-2221
AFOSR68-0373
AFOSR68-2577
AFOSR68-2596
AFOSR67-1390
ARL 68-1254
ARL 68-1469
AFOSR67-2755
AFOSR68-0415
AFOSR68-2599
AFOSR68-0379
AFOSR68-1277
AFOSR68-2526
ARL 67-0014
ARL 68-0026
AFOSR67-0354
AFOSR67-0784
AFOSR67-1272
AFOSR68-0394
AFOSR68-1150
AFOSR68-2242
AFOSR67-1414
AFOSR67-1367
AFOSR67-1873
AFOSR68-0163
AFOSR67-0263
AFOSR68-2340
AFOSR68-0161
AFOSR67-1355
AFOSR67-1854
AFOSR68-1907
AFOSR68-1240
AFOSR68-0176
AFOSR68-0441
ARL 67-0253
AFOSR67-1617
ARL 68-0942

FUNCTIONS

- CONTINUED

AN EXPERIMENTAL COMPARISON OF STIMULUS AND RESPONSE TRANSLATED POWER FUNCTIONS FOR BRIGHTNESS
STATE-VARIABLE SYNTHESIS OF INTEGRATED-CIRCUIT DISTRIBUTED RC TRANSFER FUNCTIONS
ON THE EVOLUTION OF THE PROBABILITY DISTRIBUTION AND OF THE CORRELATION FUNCTIONS IN A BOGOLUPOV PLASMA
CALCULATIONS OF THE DOUBLET-S GROUND STATE OF THE LITHIUM ATOM USING WAVE FUNCTIONS OF HYLLEBERG-TYPE
ALFANCE RESTRICTIONS AND THE BRILLOUIN CONDITION FOR HARTREE-FOCK WAVE FUNCTIONS
ITY AND THE HANDELSTAM REPRESENTATION I MOMENT CONDITIONS FOR THE DOUBLE SPECTRAL FUNCTIONS
ION FORMULAS FOR POLYNOMIALS IN RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS
ION OF ELECTRON SHAKE-OFF FOR ELEMENTS FROM Z EQUAL WITH THE USE OF SELF-CONSISTENT-FIELD WAVE FUNCTIONS

AFOSR68-0940
AFOSR68-2894
ARL 67-0103
AFOSR68-2570
AFOSR68-0950
AFOSR68-0438
ARL 67-1135
AFOSR68-2447

FUNDAMENTALS OF FUTURE AEROSPACE STRUCTURES FINAL REPORT SEPT 1967
FUNDAMENTAL INVESTIGATIONS OF LUMINESCENT MATERIALS FINAL REPORT JAN 1968
FUNDAMENTAL STUDIES RELATING TO THE RADIATION CHEMISTRY OF SMALL ORGANIC MOLECULES FINAL REPORT JAN 1967
THE FUNDAMENTAL INFRARED THRESHOLD IN THERMAL IMAGE DETECTION AS AFFECTED BY DETECTOR COOLING AND RELATED PROBLEMS
SOME FUNDAMENTAL PROBLEMS ON THE COMBUSTION OF LIQUID OXIDIZERS IN HYDROGEN
A STUDY OF FUNDAMENTAL FACTORS PERTINENT TO MICROBIOLOGICAL WASTE CONVERSION IN CONTROL OF ISOLATED ENVIRONMENTS FINAL
ROUNDS FOR THE FUNDAMENTAL SOLUTION OF A PARABOLIC EQUATION
AN ANALYSIS OF FUNDAMENTAL FACTORS GOVERNING THE LIMITATIONS IN DETECTION OF IMAGES. FINAL REPORT MAY 1968
STATIC SU /6/ AND FUNDAMENTAL SUBSTITUTION
A PROGRAM TO DETERMINE FUNDAMENTAL NUCLEAR DATA FROM MUON INTENSITY MEASUREMENTS AND TO INVESTIGATE GEOPHYSICAL
OPTICAL PROPERTIES OF A-MNS IN THE FUNDAMENTAL ABSORPTION REGION
INTEGRATED INTENSITY OF NITRIC OXIDE FUNDAMENTAL
TEMPERATURE DEPENDENCE OF THE WIDTH OF THE FUNDAMENTAL LATTICE-VIBRATION ABSORPTION PEAK IN IONIC CRYSTALS II
HIGH POWER RF PLASMA HEATING AND WAVE PROPAGATION NEAR THE FUNDAMENTAL AND HARMONICS OF THE ION CYCLOTRON FREQUENCY
ENERGY BAND STRUCTURE OF CUPROUS OXIDE IN THE VICINITY OF THE FUNDAMENTAL EDGE FROM MAGNETO-OSCILLATORY ABSORPTION
DETERMINATION OF THE FIRST DERIVATIVES OF THE DISTURBING POTENTIAL BY GREENS FUNDAMENTAL FORMULA
VIBRATIONAL SPECTRA AND ASSIGNMENT OF IODINE PENTA-FLUORIDE FERMI RESONANCE BETWEEN A FUNDAMENTAL AND A TERNARY

AFOSR67-2175
AFOSR68-0213
ARL 67-0114
ARL 68-1426
AFOSR68-1165
AFOSR67-0455
AFOSR68-2061
ARL 68-0102
AFOSR68-2749
AFOSR68-2685
AFOSR67-0237
AFOSR68-1204
AFOSR68-0921
AFOSR67-0229
AFOSR67-2331
AFOSR67-0616
AFOSR68-0175

FUNDAMENTALS
FUNDAMENTALS OF THRESHOLD LOGIC
FUNDAMENTALS OF MAGNETISM IN METALS
FUNDAMENTALS OF GAS-SURFACE INTERACTIONS SYMP SAN DIEGO CALIF 14-16 DEC 1966 NEW YORK ACADEMIC PRESS 1967 FINAL REPORT
SOME FUNDAMENTALS OF COMBUSTION INSTABILITY

AFOSR68-0066
AFOSR67-0930
AFOSR67-2459
AFOSR68-0630

FURNACE
NUMERICAL EXPERIMENTS ON THE FORMATION OF A TORNADO FURNACE IN THE BOUNDARY LAYER

AFOSR68-0425

FURNACE
AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF CADMIUM SULFIDE SINGLE-CRYSTAL PLATELETS
AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF II-VI COMPOUND SINGLE CRYSTAL PLATELETS
AN AUTOMATIC ELECTRIC ANNEALING FURNACE
STUDIES OF MOLYBDAENUM IN THE ARC-IMAGE FURNACE
THORIA SINGLE CRYSTALS GROWN BY VAPOR DEPOSITION IN A SOLAR FURNACE

ARL 67-0231
ARL 67-0269
AFOSR68-0928
AFOSR67-0564
AFOSR67-1139

FURNISHED
ON THE CONVERGENCE PROPERTIES OF THE 1/2 EXPANSIONS AS FURNISHED BY VARIATIONAL PERTURBATION THEORY CALCULATIONS

AFOSR68-1693

FURYS
FURYS THEOREM AND INTERFERENCE OF ELECTRODYNAMIC AMPLITUDES

AFOSR68-1364

FURTHER
FURTHER APPLICATIONS OF THE CHEMILUMINESCENT METHOD FOR THE MEASUREMENT OF ATMOSPHERIC OZONE FINAL REPORT JAN 1967
FURTHER STUDIES OF STATISTICAL METEOROLOGY FINAL REPORT JUNE 1967
FURTHER RESEARCH ON OPTICAL TRANSMISSION LINES
FURTHER RESEARCH ON THE EFFECT OF TEST MACHINE EXTENSIONAL RIGIDITY ON THE INITIAL BUCKLING LOAD OF UNREINFORCED
FURTHER COMMENTS ON REPLICATION IN /M R/-SYSTEMS
FURTHER EXPERIMENTAL RESULTS FOR THREE-DIMENSIONAL FREE JETS
FURTHER CONSEQUENCES OF THE QUARK MODEL IN INELASTIC NEUTRON- BARYON SCATTERING
FURTHER STUDIES ON MONAMINE METABOLISM AND BEHAVIOUR IN RABBITS CHRONICALLY TREATED WITH RESERPINE
FURTHER STUDIES ON THE IMMUNOGENICITY OF D-AMINO ACID POLYMERS
FURTHER INVESTIGATIONS ON THE MICROWAVE SPECTRUM OF NSF EVALUATION OF THE MOLECULAR FORCE FIELD CENTRIFUGAL DISTORTION
FURTHER EXPERIMENTS ON INTERFERENCE OF INDEPENDENT PHOTON BEAMS AT LOW LIGHT LEVELS
FURTHER STUDIES ON THE VELOCITY FUNCTION OF MOVEMENT DETECTING CLASS-2 NEURONS IN THE FROG RETINA
FURTHER STUDIES ON DISTRIBUTED ADAPTATION IN NEURONIC NETWORKS FINAL REPORT AUG 1967
FURTHER COMMENTS ON THE PAPER /ON THE INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM /AMORPHOUS/ BORON/
FURTHER STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS FINAL REPORT JULY 1968
FURTHER RESULTS ON ESTIMATION OF THE PARAMETERS OF THE PEARSON TYPE III AND WEIBULL DISTRIBUTIONS IN THE NON-REGULAR
A FURTHER ATTEMPT TO MODIFY HYPNOTIC SUSCEPTIBILITY THROUGH REPEATED INDIVIDUALIZED EXPERIENCE
A FURTHER ADIABATIC INVARIANCE OF THE ACTION INTEGRAL FOR THE HARMONIC OSCILLATOR
A FURTHER STUDY OF THE TEMPORAL INTEGRATION OF LOUDNESS
COMMENTS ON FURTHER APPLICATIONS OF THE THEORY OF PARTICLE COARSENING
MALONETHYL-METAL COMPOUNDS XIE FURTHER STUDIES OF THE ARYL /BROMODICHLOROMETHYL/ MERCURY-OLEFIN REACTION
THREE-DIMENSIONAL CRYSTAL STRUCTURE OF BENZENECROMIUM TRICARBONYL WITH FURTHER COMMENTS ON THE DIBENZENECROMIUM

AFOSR67-0029
AFOSR67-0077
AFOSR67-1113
AFOSR67-1586
AFOSR67-1705
AFOSR67-1907
AFOSR67-2033
AFOSR67-2274
AFOSR68-0536
AFOSR68-1138
AFOSR68-2229
AFOSR68-2703
ARL 67-0121
ARL 67-0248
ARL 68-0115
ARL 68-0207
AFOSR67-2724
AFOSR68-1003
AFOSR68-2204
AFOSR68-2226
AFOSR68-2805
AFOSR67-0725

FUSION
AN ELECTRODYNAMIC FUSION REACTOR
AN INTRODUCTION TO THE WORLD OF FUSION
METHOD OF CREATING A CONTROLLED NUCLEAR FUSION REACTION
VELOCITY-SPACE INSTABILITIES IN A SIMULATED FUSION PLASMA AND LASER GENERATION OF PLASMA FINAL REPORT JUNE 1968
INTERNATIONAL DEVELOPMENTS IN CONTROLLED THERMONUCLEAR FUSION

ARL 68-1449
ARL 68-1124
ARL 67-1196
AFOSR68-1756
AFOSR67-0821

FUTURE
THE FUTURE OF TRACE METAL ANALYSIS BY GAS CHROMATOGRAPHY
PAST, PRESENT AND FUTURE RESEARCH IN Q-MACHINE PLASMAS
FUNDAMENTAL PROBLEMS OF FUTURE AEROSPACE STRUCTURES FINAL REPORT SEPT 1967
THE SCHOOL TEACHER A LINK TO CHINA'S FUTURE
HIGH-TEMPERATURE CHEMISTRY CURRENT AND FUTURE PROBLEMS CONFERENCE ORGANIZED AT RICE UNIVERSITY HOUSTON TEXAS JANUARY
ON REPRESENTATIONS AND MODELING IN PROBLEM SOLVING AND ON FUTURE DIRECTIONS FOR INTELLIGENT SYSTEMS
LOCAL THERMODYNAMIC EQUILIBRIUM MODEL ATMOSPHERE WITH LINE PLANNING REVIEW AND FUTURE PROSPECTS
ON RELATIONS BETWEEN THE INFLUENCE AFFLUENCE AND PHENOMENAL CONGRUENCE OF SCIENCES AS THEY AFFECT SOCIOLOGYS FUTURE

ARL 68-1043
ARL 68-1441
AFOSR67-2175
AFOSR68-2540
AFOSR67-1082
AFOSR68-1586
AFOSR67-0319
AFOSR68-0580

GADOLINIUM
PHOTOACTIVATION OF CERIUM NEODYMIUM SAMARIUM AND GADOLINIUM
THE SUPERCONDUCTING TRANSITION TEMPERATURE OF LANTHANUM SUBSCRIPT ONE MINUS X GADOLINIUM SUB X ALUMINUM SUB TWO
MAGNETIC MOMENT MEASUREMENTS IN SINGLE-CRYSTAL DYSPROSIUM MOLDIUM EUROPIUM AND GADOLINIUM IN DC FIELDS UP TO 170 KG

AFOSR67-0595
AFOSR68-1586
AFOSR67-1674

| | |
|--|--------------|
| GADOLINIUM-GROUP | |
| ESH IN GADOLINIUM-GROUP V COMPOUNDS | AFOSR68-1543 |
| GAGING | |
| GAGING PERFORMANCE COSTS OF CONTROL LOOP HARDWARE | AFOSR68-2784 |
| GAIN | |
| GAIN COMPENSATED PHOTOPOLARIMETER FOR AIRBORNE MEASUREMENTS OF SKYLIGHT POLARIZATION | AFCRL67-0396 |
| GAIN OPTIMIZATION FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM FLUCTUATIONS | AFCRL67-0489 |
| GAIN CHARACTERISTICS OF A WATER VAPOR LASER | AFOSR68-2898 |
| HIGH GAIN LOG-PERIODIC ANTENNAS | AFCRL67-0328 |
| THE PEAK GAIN METHOD FOR DETERMINING PROPAGATION CHARACTERISTICS OF INSTABILITIES | ARL 68-1475 |
| MAXIMISATION OF DIRECTIVE GAIN FOR CIRCULAR AND ELLIPTICAL ARRAYS | AFCRL67-0402 |
| REPLY TO TRANSDUCER POWER GAIN IN OPTIMALLY MATCHED NETWORKS | AFOSR68-2643 |
| EVALUATION OF ABSORPTION AND GAIN FROM SPONTANEOUS EMISSION PROFILES | AFOSR67-2631 |
| DISPERSION EFFECTS IN A HIGH GAIN J-JOIN HE-NE LASER APPLICATION TO THE LASER HETERODYNE MEASUREMENT OF PLASMA DENSITY | ARL 68-0135 |
| SIMULTANEOUS APPROXIMATION IN GAIN AND PHASE OF TWO-PORTS USING LATTICE OF PARALLELED RESONATORS | AFCRL67-0567 |
| SOME APPLICATIONS OF THE PEAK GAIN CRITERION | ARL 68-1297 |
| THE NUMBER OF TERMS IN THE GENERAL GAIN FORMULAS FOR COATES AND MASON SIGNAL FLOW GRAPHS | AFOSR67-0346 |
| EFFECTS OF S-R CODING ON THE RATE OF GAIN OF INFORMATION | AFOSR67-1807 |
| THE EFFECT OF A FOREGROUND RIDGE ON THE GAIN AND PATTERN OF AN ANTENNA | AFCRL67-0484 |
| DE-COUPLED MONOPULSE EXCITATIONS FOR MAXIMUM GAIN WITH ARBITRARY SIDELOBE CONSTRAINTS | AFCRL67-0332 |
| GAITS | |
| OPTIMUM QUADRUPEL CREEPING GAITS | AFOSR68-1846 |
| GALACTIC | |
| GALACTIC MAGNETIC FIELDS | AFOSR67-0088 |
| GALACTIC DEUTERIUM AND ITS ENERGY SPECTRUM ABOVE TWENTY MILLION ELECTRON VOLTS/PER NUCLEON | AFOSR67-1204 |
| GALACTIC HII REGIONS III THE NATURE OF THE RADIO SOURCE W49 | AFOSR68-1088 |
| REMARKS ON THE GALACTIC MAGNETIC FIELD | AFOSR68-1960 |
| SPECTROPHOTOMETRY OF GALACTIC NEBULAE INTERNAL OPACITY AND INTERNAL MASS STRUCTURE OF HII EMISSION REGIONS FINAL | AFCRL68-0078 |
| MARCH 1966 OBSERVATIONS OF THE GALACTIC SPUR IN THE 20 TO 40 MHZ RANGE | AFCRL67-0546 |
| ABUNDANCES AND ENERGY SPECTRA OF GALACTIC COSMIC-RAY NUCLEI ABOVE 20 MEV PER NUCLEON IN THE NUCLEAR CHARGE RANGE FROM | AFOSR67-1081 |
| RELATIVITY THEORY AND ASTROPHYSICS 2 GALACTIC STRUCTURE FINAL REPORT NOV 1967 | AFOSR67-2686 |
| SOLAR MODULATION AND THE ENERGY DENSITY OF GALACTIC COSMIC RAYS | AFOSR67-1723 |
| GALAXIES | |
| RADIO RADIATION FROM NORMAL SPIRAL GALAXIES | AFOSR68-1045 |
| A PLASMA MODEL OF QUASARS AND RADIO GALAXIES | AFOSR68-1809 |
| DISCUSSION OF OBSERVATIONS OF QUASI-STELLAR RADIO SOURCES RADIO GALAXIES AND SUPERNOVA REMNANTS | AFOSR68-1751 |
| GALAXY | |
| GRAVITATIONAL EXPERIMENTS WITH A CYLINDRICAL GALAXY | AFOSR68-1117 |
| ON THE DECELERATION OF METAGALACTIC CLOUDS IN THE GALAXY | AFOSR67-1125 |
| GALERKIN-KANTOROVICH | |
| A GENERALIZED GALERKIN-KANTOROVICH TREATMENT OF TRANSIENT EVAPORATION THROUGH A FINITE REGION | ARL 68-0039 |
| GALLIUM | |
| SPECTRAL RESPONSE OF THE GERMANIUM GALLIUM PHOTOCONDUCTIVE DETECTOR | AFOSR68-2865 |
| MAGNETOACOUSTIC ATTENUATION IN LIQUID GALLIUM TO 150 KILOGAUSS | AFOSR67-1828 |
| INTERFERENCE MAGNETO-OPTICAL ABSORPTION IN GALLIUM ARSENIDE | AFOSR68-0601 |
| FLUX GROWTH AND CHARACTERIZATION OF BETA GALLIUM SESQUI OXIDE SINGLE CRYSTALS | AFOSR67-0051 |
| CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED FERRIC OXIDE BY THE FLUX METHOD AND SEGREGATION STUDIES OF IRON | AFOSR67-0353 |
| QUANTUM OSCILLATIONS OF THE VELOCITY OF SOUND IN GALLIUM | AFOSR68-0600 |
| LOCAL MODE ABSORPTION IN COMPENSATED SILICON-DOPED GALLIUM ARSENIDE | AFOSR67-0479 |
| LOCALIZED VIBRATIONAL MODE ABSORPTION OF PHOSPHORUS IN GALLIUM ARSENIDE | AFOSR67-0636 |
| SIZE EFFECTS IN THE ELECTRONIC THERMAL CONDUCTIVITY OF GALLIUM SINGLE CRYSTALS | AFOSR68-0507 |
| ON THE NATURE OF MASSIVE PHASES IN HYPOEUTECTOID COPPER-GALLIUM ALLOYS | AFOSR67-1815 |
| STACKING FAULT ENERGIES OF THE STRUCTURALLY RELATED COPPER-GALLIUM ALPHA AND ZETA PHASES | AFOSR67-1404 |
| MASS EXTREMUM EFFECT ON THE CYCLOTRON RESONANCE LINE SHAPE IN GALLIUM | AFOSR68-1776 |
| EXPERIMENTAL VERIFICATION OF THE FERMI-DIRAC DISTRIBUTION OF ELECTRONS IN GALLIUM | AFOSR67-1684 |
| TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES | AFOSR67-1452 |
| INFRARED SPECTRA AND STRUCTURE OF PHOSPHINE AND SUBSTITUTED PHOSPHINE COMPLEXES OF GALLIUM TRIHALIDES | AFOSR68-1531 |
| CALIBRATION AND DIFFERENTIAL FIELD MEASUREMENT OF HIGH MAGNETIC FIELDS BY MEANS OF A PERIODIC SIZE EFFECT IN GALLIUM | AFOSR67-2157 |
| GALLIUM-INDIUM | |
| ELECTROHYDRODYNAMIC SPRAYING OF GALLIUM-INDIUM ALLOY | AFOSR68-2196 |
| GALOIS | |
| GENERALIZATION OF GALOIS THEORY, CLASS FIELD THEORY AND QUASI-FINITE FIELDS | ARL 68-1283 |
| ON A MAPPING POLYNOMIAL FOR GALOIS FIELDS | AFOSR67-0334 |
| GALVANOMAGNETIC | |
| GALVANOMAGNETIC AND RELATED EFFECTS IN TYPE-II SUPERCONDUCTORS | AFOSR67-2768 |
| QUANTUM LIMIT GALVANOMAGNETIC PHENOMENA IN NORMAL-INDIUM ANTIMONIDE | AFOSR67-1677 |
| GAME | |
| APPLICATION OF GAME THEORY TO THE SENSITIVITY DESIGN OF OPTIMAL SYSTEMS | AFOSR67-1517 |
| SOME STUDIES IN GAME PLAYING WITH A DIGITAL COMPUTER | AFOSR67-0256 |
| A NOTE ON A GRAPH THEORETIC GAME OF MAXIMIS | AFOSR68-0071 |
| ON THE EXISTENCE OF SOLUTIONS TO A DIFFERENTIAL GAME | AFOSR68-0072 |
| GAMES | |
| THE INFINITE GAMES AND ANALYTIC S' 4 | AFOSR68-0250 |
| ON DIFFERENTIAL GAMES | AFOSR68-1881 |
| ON THE HAMILTON-JACOBI EQUATION OF DIFFERENTIAL GAMES | AFOSR68-1827 |
| LEARNING THROUGH PATTERN RECOGNITION APPLIED TO A CLASS OF GAMES | AFOSR68-0514 |
| GAMMA | |
| A GAMMA RAY DETECTING SYSTEM FINAL REPORT MAY 1967 | AFOSR67-1215 |
| NUCLEAR GAMMA RAYS FROM SUPERNOVA REMNANTS | AFOSR67-1095 |

GAMMA

- CONTINUED

SEARCH FOR GAMMA RADIATION FROM SUPERNOVA REMNANTS FINAL REPORT JAN 1967
 DETECTION OF GAMMA RADIATION FROM THE CYGNUS REGION
 ON THE γ TO GAMMA GAMMA/ DECAY MODE AND THE VECTOR-MESON DOMINANT MODEL
 OBSERVATION OF GAMMA RADIATION FROM THE CRAB NEBULA
 A PROOF THAT γ GAMMA γ EQUALS GAMMA γ PLUS 1
 ON THE γ TO GAMMA GAMMA/ DECAY MODE AND THE VECTOR-MESON DOMINANT MODEL
 A NOTE ON MOMENTS OF GAMMA ORDER STATISTICS
 TABLES FOR MOMENTS OF GAMMA ORDER STATISTICS
 REACTION S SUPPER 36 P, GAMMA /CI SUPPER 37 AND PROPERTIES OF CI SUPPER 37
 TABLES FOR THE MOMENTS OF GAMMA ORDER STATISTICS FINAL REPORT AUG 1967
 A PROOF THAT γ GAMMA γ EQUALS GAMMA γ PLUS 1
 STUDY OF THERMAL NEUTRON CAPTURE GAMMA RAYS USING A LITHIUM DRIFTED GERMANIUM SPECTROMETER
 SERIES EXPANSIONS FOR THE INCOMPLETE GAMMA FUNCTION AND ITS DERIVATIVES
 A SYSTEM OF INEQUALITIES FOR THE INCOMPLETE GAMMA FUNCTION AND THE NORMAL INTEGRAL
 PROPERTIES OF CI SUPPER 37 FROM THE S SUPPER 36 P, GAMMA CI SUPPER 37 REACTION
 PROPERTIES OF CI SUPPER 37 FROM THE S SUPPER 36 P, GAMMA CI SUPPER 37 REACTION
 PROPERTIES OF LEVELS IN VSUPPER 47 FROM THE VISUPPER 46 P, GAMMA VSUPPER 47 REACTION
 BACKWARD COMPTON SCATTERING SUM RULE AND THE PI-ZERO YIPLOS TWO GAMMA ETA-ZERO YIELDS TWO GAMMA DECAY RATES
 MAXIMUM-LIKELIHOOD ESTIMATION OF THE PARAMETERS OF A FOUR- PARAMETER GENERALIZED GAMMA POPULATION FROM COMPLETE AND
 BACKWARD COMPTON SCATTERING SUM RULE AND THE PI-ZERO YIELDS TWO GAMMA ETA-ZERO YIELDS TWO GAMMA DECAY RATES

GAMMA-POINT

SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL COS, COSE, ZNS AND ZNSE
 SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL COS, COSE, ZNS, AND ZNSE

GAMMA-RAY

GAMMA-RAY ANGULAR CORRELATION STUDIES AND ISOBARIC ANALOG STATES IN 25-10 SHELL NUCLEI
 USE OF SMALL COMPUTERS IN GAMMA-RAY SPECTROSCOPY
 COMPUTER PROGRAMS FOR THE ANALYSIS OF GAMMA-RAY ANGULAR CORRELATION MEASUREMENTS FINAL REPORT AUG 1967
 NUCLEAR STRUCTURE OF SC SUPPER 43 II, GAMMA-RAY ANGULAR CORRELATIONS
 A FAST OPTICAL CERFNKOV SYSTEM FOR DIRECTIONAL STUDIES OF POSSIBLE GAMMA-RAY SOURCES

GAPLESS

TRANSVERSE ULTRASONIC ATTENUATION IN GAPLESS SUPERCONDUCTORS
 TOWASCH EFFECT AS A PROOF OF THE DISPERSION RELATION OF ELECTRONS IN GAPLESS SUPERCONDUCTORS

GAPS

EFFECT OF GAPS ON THE LOADING DISTRIBUTION OF PLANAR LIFTING SURFACES

GARDINGS

ON STABILITY FOR DIFFERENCE SCHEMES A SHARP FORM OF GARDINGS INEQUALITY

GARNET

MAGNETOELASTIC PROPERTIES OF YTTRIUM IRON GARNET AS A FUNCTION OF TEMPERATURE

GARNET

CRYSTAL CHEMISTRY AND MAGNETIC RESONANCE PROPERTIES OF THE VANADATE GARNETS FINAL REPORT OCT 1968

GAS-FED

PLASMA WAVES AND ROTATION IN THE GAS-FED HOLLOW-CATHODE ARC
 PLASMA WAVES AND ROTATION IN THE GAS-FED HOLLOW-CATHODE ARC

GAS-HYDROGEN

ENERGY TRANSFER STUDIES IN THE LIQUID PHASE RADIOLYSIS OF RARE GAS-HYDROGEN MIXTURES

GAS-LASER

DIRECT OBSERVATION OF COLLISION BROADENING AND EFFECT OF RESONANT INTERACTIONS ON GAS-LASER TRANSITIONS

GAS-LIQUID

PHYSICOCHEMICAL MEASUREMENTS OF METAL CHELATES BY GAS-LIQUID PARTITION CHROMATOGRAPHY

GAS-PARTICLE

IONIZATION PHENOMENA IN A GAS-PARTICLE PLASMA
 A SOURCE FLOW MODEL FOR CONTINUUM GAS-PARTICLE FLOW

GAS-PHASE

GAS-PHASE REACTIONS FINAL REPORT APRIL 1967
 THE RADIATION CHEMISTRY OF GAS-PHASE CARBON TETRACHLORIDE- CARBON TETRAFLUORIDE MIXTURES

GAS-SURFACE

FUNDAMENTALS OF GAS-SURFACE INTERACTIONS SYMP SAN DIEGO CALIF 14-16 DEC 1966 NEW YORK ACADEMIC PRESS 1967 FINAL REPORT
 PARAMETRIC REPRESENTATIONS OF GAS-SURFACE INTERACTION DATA AND THE PROBLEM OF SLIP-FLOW BOUNDARY CONDITIONS WITH
 A THEORY FOR THE SLIP-FLOW BOUNDARY CONDITIONS OVER A SURFACE DEFINED BY ARBITRARY GAS-SURFACE INTERACTION PARAMETERS

GASDYNAMIC

GASDYNAMIC METHODS IN MAGNETOHYDRODYNAMICS FINAL REPORT DEC 1966

GASDYNAMICS

RESEARCHES ON RAREFIED GASDYNAMICS HYPERSONIC FLOW ROTATING STALL FINAL REPORT JULY 1968
 HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
 HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
 HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
 MAGNETOGASDYNAMICS AND RADIATION GASDYNAMICS
 MAGNETOGASDYNAMICS AND RADIATION GASDYNAMICS
 RADIATION DOMINANT INTERACTION IN GASDYNAMICS
 A CHARACTERISTICS APPROACH TO RADIATION GASDYNAMICS
 SELF-CONSISTENT SOLUTION OF NONEQUIL PROBLEMS IN UNSTEADY RADIATION GASDYNAMICS
 APPLICATION OF THE METHOD OF PARAMETRIC DIFFERENTIATION TO RADIATION GASDYNAMICS

GASEOUS

A GASEOUS SYSTEM OF HIGH LUMINOUS EFFICIENCY
 RECENT STUDIES OF GASEOUS ION REACTIONS
 DETONATION STUDIES IN GASEOUS NON-CARBON CONTAINING SYSTEMS
 CHEMICAL COMPOSITIONS OF GASEOUS NEMULAE AND PECULIAR STARS FINAL REPORT APRIL 1967
 REACTION RATE STUDIES OF GASEOUS UNIMOLECULAR ISOMERIZATION FINAL REPORT OCT 1967
 PHOTOCHEMICAL IGNITION OF GASEOUS PULP-OXIDIZER MIXTURES AT SUPATHOTHERMIC PRESSURES
 SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEMULAE VII. P I PERPULAR PLANETARY NEMULA NGC 2466
 SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEMULAE II. THE PLANETARY NGC 2466
 MASS SPECTROMETRIC STUDIES OF GASEOUS ION REACTIONS
 STUDY OF COLLISION PROCESSES IN GASEOUS PLASMA FINAL REPORT JAN 1968
 ON THE CONVECTIVE INSTABILITY OF A GASEOUS FLAME FRENCH
 INFRARED RADIATIVE ENERGY TRANSFER IN GASEOUS SYSTEMS FINAL REPORT AUGUST 1968
 MICROWAVE STUDIES OF IONIZATION PHENOMENA IN GASEOUS DISCHARGES FINAL REPORT MARCH 1967
 ATOMIC PROCESSES WITH SPECIAL APPLICATION TO GASEOUS NEMULAE
 THE MEASUREMENT OF ELECTRON AFFINITY BY THE GASEOUS ELECTRON CAPTURE TECHNIQUE
 ADIABATIC PULSATIONS AND CONVECTIVE INSTABILITY OF GASEOUS NEMULAE
 LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTION-MICROPHOTOMETER INTENSITY
 LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTION-MICROPHOTOMETER INTENSITY
 LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTION-MICROPHOTOMETER DATA I II
 OPTICAL DENSITY MEASUREMENTS IN A HIGH SPEED CONTINUED GASEOUS VIBRATOR
 IMPLUSION DRIVEN HYPERVELOCITY LAUNCHER PERFORMANCE USING GASEOUS DETONATION WAVES
 THEORETICAL STUDY OF THE INTERACTION OF RADIATION AND MATTER IN GASEOUS AND SOLID LASERS FINAL REPORT PER 1968

ARL 67-1461
 ARL 68-1096
 ARL 68-1076
 AFOSR67-1065
 AFOSR67-2466
 AFOSR68-1663
 ARL 68-1296
 ARL 68-1260
 ARL 68-1155
 AFOSR68-1072
 AFOSR68-1072
 ARL 68-1131
 AFOSR67-1117
 ARL 68-1162
 AFOSR68-1283
 AFOSR67-2354
 AFOSR67-0275
 AFOSR67-0276
 AFOSR67-0277
 ARL 68-0310
 ARL 67-0278
 AFOSR68-0148

GASES

SOME PROPERTIES OF GASES WITH VIBRATIONAL RELAXATION WHEN VIEWED AS MATERIALS WITH NEWTON
 DIFFUSION OF DISSOLVED GASES IN MULTIPHASE CONDENSATION POLYMERS
 TRANSPORT PROPERTIES OF GASES
 MEASUREMENT OF PERMANENT GASES BY A PLANE FRICTION (AS CHRONOGRAPHIC DEFLECTOR
 THEORY OF HOT ELECTRONS IN GASES LIQUIDS AND SOLIDS
 PORCELOUS PROPAGATION IN GASES OF ARBITRARY DENSITY
 RADIATION FROM NONISOTHERMAL GASES
 A SIMPLE DEVICE FOR SAMPLING GASES WITHOUT AIR CONTAMINATION
 THE PHYSICS AND CHEMISTRY OF GASES AT HIGH TEMPERATURES FINAL REPORT MARCH 1968
 SHOCK TUBE STUDIES OF IONIZED GASES FINAL REPORT JAN 1968
 IONIZATION RATES IN THE IONIC GASES
 OPTICAL PROPERTIES OF SOLID RARE GASES AND THEIR ALLOYS (ABSTRACT ONLY)
 LASER-DRIVEN DETONATION WAVES IN GASES
 UNIFORM-FIELD SPARKING VOLTAGES OF GASES IN CROSSED MAGNETIC FIELDS
 INTERACTION OF LASER RADIATION WITH GASES
 TRANSPORT OF CHARGED PARTICLES THROUGH GASES AND PLASMAS FINAL REPORT MAR 1967
 KINETIC THEORY OF DIFFUSION IN RAREFIED GASES
 CONDENSATION DROPLET GROWTH IN RAREFIED GASES
 MEASUREMENT OF FLOW RATE AND PRESSURE IN CASES IN PLANE SPECTROMETRY
 POSITRONIUM FORMATION AND INTERACTION IN GASES
 INFRARED RADIATIVE HEAT TRANSFER IN NONPOLY GASES
 INFRARED RADIATIVE HEAT TRANSFER IN NONPOLY GASES
 HIGH TEMPERATURE THERMAL CONDUCTIVITY OF RARE GASES AND GAS MIXTURES
 ISOTOPE EFFECT IN THE REACTION OF HD WITH RARE GASES
 STIMULATION OF OPTICAL EMISSIONS IN ATMOSPHERIC GASES FINAL REPORT DEC 1966
 EFFECTS OF NONELASTIC COLLISIONS IN PARTIALLY IONIZED GASES
 KINETIC THEORY AND RELAXATION PROCESSES OF WEAKLY IONIZED GASES
 DETERMINATION OF THE THERMAL ACCOMMODATION COEFFICIENTS OF GASES ON CLEAN SURFACES AT TEMPERATURES ABOVE 300 DEGREES K
 PRESSURE BROADENING AND SHIFT OF METHANE PERTURBED BY NOBLE GASES
 SELECTIVE ENHANCEMENT IN HYDROGEN-LIKE MOLECULES WITH THE RARE GASES (SUBJ WITH AR AND KR
 RESONANCE SCATTERING AND THE DRIFT MOTION OF ELECTRONS THROUGH GASES
 RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME I - MERCURY CONDENSATION EXPERIMENTS
 RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME II - CONDENSATION EXPERIMENTS IN A
 POPULATION INVERSION AND LASER OSCILLATION IN IONIC AND MOLECULAR GASES
 EXTINCTION OF LANDAU DAMPING AND COLLISIONAL INSTABILITIES IN RANSAUER GASES
 THE REACTION OF MOLECULES IN EXCITED ELECTRONIC STATES WITH PARAMAGNETIC GASES FINAL REPORT FEB 1967
 BREAKDOWN MECHANISMS FOR LASER-INDUCED DISCHARGES IN SUPER-HIGH PRESSURE GASES
 BREAKDOWN MINIMA DUE TO ELECTRON-IMPACT IONIZATION IN SUPER-HIGH-PRESSURE GASES IRRADIATED BY A FOCUSED GIANT-PULSE
 REACTIONS OF HYDROGEN AND DEUTERIUM POSITIVE IONS IN HYDROGEN AND DEUTERIUM GASES
 THE INFLUENCE OF A MAGNETIC FIELD ON THE TRANSPORT PROPERTIES OF POLY-ATOMIC GASES A COMPARISON OF THEORY WITH
 LASER INDUCED ELECTRICAL BREAKDOWN AND SHOCK DYNAMICS IN SUPER-HIGH PRESSURE GASES
 NACH-ZEHNDER OPTICAL INTERFEROMETRY OF LASER INDUCED DISCHARGES IN HIGH PRESSURE GASES
 EXPERIMENTAL EVIDENCE FOR THE ABSENCE OF QUENCHING OF SODIUM RESONANCE RADIATION BY INERT GASES
 QUANTUM HARD-SPHERE GAS IN THE LIMIT OF HIGH DENSITIES WITH APPLICATION TO SOLIDIFIED LIGHT GASES
 THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND
 THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND
 INVESTIGATION OF STRONG PLASMA WAVES AND THE DYNAMICS OF LASER INDUCED PLASMAS IN HIGH PRESSURE GASES
 COMMENT ON THE DEVIATION FROM AN INVERSE SIXTH POWER POTENTIAL IN THE SCATTERING OF A POLAR MOLECULE BY NONPOLAR GASES AFOSR67-2736

AFOSR68-1173
 ARL 68-0856
 ARL 68-1272
 AFOSR67-2810
 AFOSR67-1506
 AFOSR67-1705
 AFOSR67-0664
 AFOSR67-2705
 AFOSR68-0630
 AFOSR68-0622
 AFOSR67-1361
 AFOSR67-1384
 ARL 67-0273
 AFOSR68-0152
 ARL 67-1279
 AFOSR68-0100
 AFOSR67-0469
 ARL 67-0649
 AFOSR68-0469
 AFOSR68-2567
 ARL 67-0615
 ARL 68-0353
 AFOSR68-1614
 AFOSR67-0752
 AFOSR67-0656
 AFOSR68-2621
 AFOSR68-0237
 AFOSR67-1622
 AFOSR68-0421
 AFOSR67-0646
 AFOSR68-2035
 ARL 68-0142
 ARL 68-0143
 AFOSR68-0309
 ARL 68-1436
 AFOSR67-0280
 AFOSR67-2497
 AFOSR67-0767
 AFOSR68-2628
 AFOSR68-0640
 AFOSR68-1613
 AFOSR68-1570
 AFOSR68-0162
 AFOSR67-1667
 AFOSR67-0033
 AFOSR68-0017
 AFOSR68-0232
 AFOSR67-2736

GASKETING

GASKETING MEDIA AT ULTRA-HIGH PRESSURE
 GASKETING MEDIA AT ULTRA-HIGH PRESSURE FINAL REPORT JUNE 1967

AFOSR67-0962
 AFOSR67-0962

GATE

VARIABLE-WIDTH GATE FOR KAHN-ROHM PULSE HEIGHT DETECTOR
 AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS
 AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS
 MINIMAL MULTIPLEXED THRESHOLD GATE REALIZATIONS

AFOSR68-0010
 AFOSR67-1513
 AFOSR68-117
 AFOSR68-204

GATES

TWO LEVEL REALIZATION OF SWITCHING FUNCTIONS WITH A MINIMUM OF THRESHOLD GATES

AFOSR68-1920

GAUGE

GAUGE PROPERTIES OF THE HINKOWSKI SPACE
 GAUGE INVARIANCE OF VECTOR MESONS
 GAUGE FIELDS SOURCES AND ELECTROMAGNETIC MASSES
 GAUGE INDEPENDENT QUANTUM ELECTRODYNAMICS
 SYMMETRY BREAKING IN NON-ABELIAN GAUGE THEORIES

AFOSR67-1192
 AFOSR67-2276
 AFOSR68-0740
 ARL 68-1093
 AFOSR67-1750

GAUGE-FIELD

GAUGE-FIELD ALGEBRA SOFT-MESON METHODS AND DIVERGENCES

AFOSR68-0426

GAUSS MARKOV

OPTIMAL FILTERING FOR GAUSS-MARKOV NOISE

AFOSR68-2801

GAUSSIAN

ON GAUSSIAN MEASURES EQUIVALENT TO WIENER MEASURE II
EQUIVALENT GAUSSIAN MEASURES WITH A PARTICULARLY SIMPLE RADON-NIKODYM DERIVATIVE
NOTE ON THE GAUSSIAN CHANNEL WITH FEEDBACK AND A POWER CONSTRAINT
CAPACITY OF AN ADDITIVE GAUSSIAN COLORED NOISE CHANNEL WITH NOISELESS FEEDBACK ALLERTON CONFERENCE ON CIRCUIT AND
DIGITAL MATCHED FILTERS FOR DETECTING GAUSSIAN SIGNALS IN GAUSSIAN NOISE
AN OPTIMUM DECISION-DIRECTED SCHEME FOR GAUSSIAN MIXTURES
SOME RESULTS CONCERNING THE ZERO-CROSSINGS OF GAUSSIAN NOISE
INTERFERENCE OF A TIME-CONTINUOUS GAUSSIAN CHAN
OPTIMUM QUADRATIC DETECTION OF A RANDOM VECTOR IN GAUSSIAN NOISE
A PROJECTION METHOD FOR SIGNAL DETECTION IN COLORED GAUSSIAN NOISE
DIGITAL MATCHED FILTERS FOR DETECTING GAUSSIAN SIGNALS IN GAUSSIAN NOISE
COMMENTS ON A PAPER BY E. JAKEMAN AND E. A. PIKE--THE INTENSITY-FLUCTUATION DISTRIBUTION OF GAUSSIAN LIGHT

AFOSR67-1194
AFOSR67-2394
AFOSR68-1539
AFOSR68-2531
AFOSR68-1919
AFOSR68-2225
AFOSR67-2080
AFOSR68-1659
AFOSR67-0734
AFOSR68-0183
AFOSR68-1019
AFOSR68-2026

GEAR

A PHOTOSTRESS STUDY OF 90° YEAR TEETH

ARL 67-1219

GEFENBAUER

THE EVALUATION OF AN INTEGRAL INVOLVING THE PRODUCT OF TWO GEFENBAUER POLYNOMIALS

AFOSR68-1285

GILL-MANN

ON THE METHOD OF DASHEN AND GILL-MANN

AFOSR67-1381

GENINI

GENINI VII 1-15 CRYOGENIC INTERFEROMETER CALIBRATIONS
GENINI VII SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH-CLOUD BACKGROUNDS /V/
GENINI V DAY 07 SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH-CLOUD BACKGROUNDS
GENINI 7 LUNAR MEASUREMENTS
ANALYSIS OF SPAIN NAVF RECORDS FROM GENINI FLIGHT GT-7 BY COMPUTATIONS TO BE USED IN A THIRTY DAY PRIMATE FLIGHT
POSITIVE ION SENSING SYSTEM FOR THE MEASUREMENT OF SPACECRAFT PITCH AND YAW AIR FORCE D-10 EXPERIMENT FLOWN ON GENINI

AFCL67-0301
AFCL67-0498
AFCL67-0563
AFCL68-0838
AFOSR67-1081
AFCL67-0158

GENEALOGY

LIMITS IN THE COPENHAGEN PROBLEM ASYMPTOTIC AT $LSUB4$ AND THEIR GENEALOGY

AFOSR67-1662

GENERAL

GENERAL CONCLUSIONS
GENERAL NECESSARY CONDITIONS FOR OPTIMIZATION PROBLEMS
GENERAL SURVEY OF DESIGN AUTOMATION OF DIGITAL COMPUTERS
GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM STIFFENERS
GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM STIFFENERS
GENERAL QUARTIC FORCE FIELD OF HCN
GENERAL MASS FORMULA FOR THE NARBY WAVE EQUATIONS
GENERAL FORMULATION AND NUMERICAL SOLUTION OF REACTION RATE PROBLEMS
GENERAL FORM OF THE REYARDON VAN DER WAALS POTENTIAL
A GENERAL LEAST SQUARE DETERMINATION OF THE IMPEDANCE OF AN ANTENNA FROM SLOT LINE MEASUREMENTS ACCOUNT TAKEN OF
A GENERAL MATCHING THEORY AND ITS APPLICATION TO TUNNELL DIODE AMPLIFIERS
A GENERAL THEORY OF MINIMUM-FUEL SPACE TRAJECTORIES
A GENERAL STUDY OF THE CHANNELS OF COMMUNICATION BETWEEN COMMUNIST CHINA AND THE WESTERN WORLD
A GENERAL FORMULATION AND SOLUTION OF CHEMICAL RATE EQUATIONS FOR USE IN NON-EQUILIBRIUM COMBUSTION STUDIES
A GENERAL THEORY OF DISSIPATION IN MATERIALS WITH MEMORY
A GENERAL TREATMENT OF CURRENT ALGEBRA
A GENERAL SOLUTION FOR THE ELASTIC QUADRIER-SPACE FINAL REPORT AUGUST 1968
A GENERAL CORRESPONDENCE BETWEEN DUAL MINIMAL PROBLEMS AND CONVER PROGRAMS
A GENERAL Z-TRANSFORM FORMULA FOR SAMPLED-DATA SYSTEMS
A GENERAL STUDY OF THE HIGHER COEFFICIENTS OF $SU(1,1)$
A GENERAL COMPUTER PROGRAM FOR EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING
ON THE GENERAL THEORY OF FADING MEMORY
CERTAIN GENERAL PROPERTIES OF UNBIASED ESTIMATES OF LOCATION AND SCALE PARAMETERS BASED ON ORDERED OBSERVATIONS
DERIVATION OF GENERAL EXPRESSIONS FOR QUANTUM AND POWER EFFICIENCIES FOR ATOMIC FLUORESCENCE OF ATOMS IN A HOT GAS
STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360
A STRATOSPHERIC GENERAL CIRCULATION EXPERIMENT INCORPORATING DIABATIC HEATING AND OZONE PHOTOCHEMISTRY
EARTH EXPANSION GENERAL RELATIVITY PROBLEMS OF ABSTRACT ALGEBRA FINAL JUNE 1967
MAGNETIC CHARGE AND GENERAL RELATIVITY
MACHS PRINCIPLE AND GENERAL RELATIVITY
COMPLETE SOLUTION OF A GENERAL PROBLEM OF THREE BODIES
A NUMERICAL STUDY OF THE GENERAL CIRCULATION OF THE ATMOSPHERE
SOME LIMIT THEOREMS FOR A GENERAL MARKOV PROCESS
THE NUMBER OF TERMS IN THE GENERAL GAIN FORMULAS FOR CIPATES AND NASON SIGNAL FLOW GRAPHS
HAMILTON-JACOBI VERSION OF GENERAL RELATIVITY
A TECHNIQUE FOR SOLVING THE GENERAL REACTION-RATE EQUATIONS IN THE ATMOSPHERE
SELF-ENERGY CONSIDERATIONS IN GENERAL RELATIVITY AND THE EXACT FIELDS OF CHARGE AND MASS DISTRIBUTIONS
HAMILTON-JACOBI QUANTIZATION OF GENERAL RELATIVITY
DYNAMICS OF PRESSURE-FREE MATTER IN GENERAL RELATIVITY
QUANTUM THEORY OF AN OPTICAL MASEN I GENERAL THEORY
WEAK SOLUTIONS OF CONSERVATION LAWS IN GENERAL RELATIVITY
ANALYTIC CONTINUATION AND GLOBAL THEOREMS IN GENERAL RELATIVITY
IS NEWTONIAN PHYSICS THE ASYMPTOTIC LIMIT OF GENERAL RELATIVITY
INDIVIDUAL DIFFERENCES AND THERMOTICAL PROCESS VARIABLES GENERAL COMMENTS ON THE CONFERENCE
ON THE DIRECTIVITY OF SETS OF ELECTROMAGNETIC RADIATION SOURCES I GENERAL RESULTS FOR SETS OF IDENTICAL ISOTROPIC
A THEORETICAL TECHNIQUE FOR EVALUATING THE TIME DEPENDENT EFFECTS OF GENERAL ELECTRODYNAMIC DRIFTS IN THE F2-LAYER OF
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELD I GENERAL THEORY
A PROCEDURE FOR DERIVING INVERSION FORMULAE FROM INTEGRAL TRANSFORM PAIRS OF A GENERAL KIND
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY

AFCL67-0217
AFOSR67-0145
AFOSR67-0666
AFOSR67-0907
AFOSR67-1929
AFOSR67-2843
AFOSR68-1367
AFOSR68-1624
AFOSR68-1971
AFCL68-0429
AFOSR67-0313
AFOSR67-0880
AFOSR67-0954
AFOSR67-2021
AFOSR68-0400
AFOSR68-1259
AFOSR68-1892
AFOSR68-2438
AFOSR68-2444
AFOSR68-2550
ARL 68-0044
AFOSR68-1615
AFOSR68-1636
AFOSR67-1300
AFOSR68-0763
AFCL67-0344
ARL 67-0122
AFOSR67-1884
ARL 68-1089
AFOSR68-0339
AFCL68-0291
AFOSR67-1271
AFOSR67-0346
AFOSR68-1976
AFCL67-0221
AFOSR67-2683
AFOSR67-1021
AFOSR68-0297
AFOSR68-0117
AFOSR68-0288
AFOSR67-0147
ARL 68-1045
AFOSR67-1810
AFCL67-0152
AFCL68-0172
ARL 67-0150
AFOSR68-1729
AFOSR67-0046
AFOSR67-0431

GENERALIZATION

GENERALIZATION OF THEOREMS OF CHERNOFF AND SAVAGE ON THE ASYMPTOTIC NORMALITY OF TEST STATISTICS
GENERALIZATION OF A BESSEL FUNCTION INTEGRAL
GENERALIZATION OF GALOIS THEORY, CLASS FIELD THEORY AND QUASI-FINITE FIELDS
A GENERALIZATION OF CONTEXT FREE DETERMINISM
A GENERALIZATION OF WOODERBURN'S THEOREM
A GENERALIZATION OF THE THEOREM OF RIETS-THORIN (ITALIAN)
ON A GENERALIZATION OF HERNSTEIN POLYNOMIALS

AFOSR68-1276
ARL 68-0122
ARL 68-1283
AFCL67-0077
AFOSR67-1242
AFOSR68-0061
AFOSR68-0951

GENERALIZATIONS

KORTEWEG-DE VRIES EQUATION AND GENERALIZATIONS I A REMARKABLE EXPLICIT NONLINEAR TRANSFORMATION
KORTEWEG-DE VRIES EQUATION AND GENERALIZATIONS II EXISTENCE OF CONSERVATION LAWS AND CONSTANTS OF MOTION

AFOSR68-2124
AFOSR68-2381

GENERALIZED

GENERALIZED MAGNETO-IONIC THEORY FOR STRONG ELECTRIC FIELDS AFRCL67-0397
 GENERALIZED IMPEDANCE BOUNDARY CONDITIONS WITH APPLICATIONS TO SURFACE WAVE STRUCTURES AFRCL67-0519
 GENERALIZED NETWORK PARAMETERS FOR MODES OF REVOLUTION AFRCL68-0282
 GENERALIZED OSCILLATOR STRENGTHS AT SMALL MOMENTUM CHANGES FOR THE ONE-SINGLET S TO TWO-SINGLET S TRANSITION IN HELIUM AFOSR67-0103
 GENERALIZED LINEAR DIFFERENTIAL SYSTEMS AND RELATED RICCATI MATRIX INTEGRAL EQUATIONS AFOSR67-0216
 GENERALIZED NETWORKS PROCEEDINGS OF THE SYMPOSIUM ON SYMPOSIA SERIES VOL XVI NEW YORK N Y APRIL 12-14 1966 POLYTECHNIC AFOSR67-0848
 GENERALIZED TRANSFORMATION TO A ROTATING COORDINATE SYSTEM IN QUANTUM MECHANICS AFOSR67-1486
 GENERALIZED PRANDTL-MEYER WAVES IN RELATION HYDRODYNAMICS AFOSR67-1992
 GENERALIZED GREEN MATRICES FOR TWO-POINT BOUNDARY PROBLEMS AFOSR67-2505
 GENERALIZED EIGENVALUE PROBLEMS AFOSR67-2567
 GENERALIZED BIRMANIAN PROBLEM AND RELATED EIGENVALUE PROBLEMS ARL 67-1274
 A GENERALIZED GALERKIN-KANTOROVICH TREATMENT OF TRANSIENT EVAPORATION THROUGH A FINITE REGION ARL 68-0030
 A GENERALIZED STEEPEST DESCENT ALGORITHM FOR MULTISTAGE OPTIMIZATION PROCESSES FINAL REPORT JUNE 1968 SRL 68-0002
 ON A GENERALIZED FREEDHOLM THEORY AFOSR68-1504
 ON A CLASS OF GENERALIZED POLARITY COINCIDENCE CORRELATORS AFOSR68-2347
 APPLICATION OF GENERALIZED FUNCTION THEORY TO NETWORK REALIZABILITY THEORY AND TIME DOMAIN SYNTHESIS OF POSITIVE-REAL AFRCL68-0389
 AN INEQUALITY FOR GENERALIZED MEANS AFOSR68-0150
 ATTAINABLE SETS AND GENERALIZED GEODESIC SPHERES AFOSR67-1264
 THE APPLICATIONS OF GENERALIZED FUNCTIONS FINAL REPORT DEC 1967 AFOSR67-2816
 AN EXTENSION OF THE GENERALIZED WEINSTEIN LEMMA AFOSR68-0410
 ORDERING THEOREMS AND GENERALIZED PHASE SPACE DISTRIBUTIONS AFOSR68-1766
 INTERPOLATING FAMILIES AND GENERALIZED CONVEX FUNCTIONS AFOSR67-2755
 SMOOTH-CURVE INTERPOLATION A GENERALIZED SPLINE-FIT PROCEDURE AFOSR67-0728
 MEAN-SQUARE APPROXIMATION BY GENERALIZED RATIONAL FUNCTIONS AFOSR67-0784
 CHARACTERIZATION OF NORMAL AND GENERALIZED TRUNCATED NORMAL DISTRIBUTIONS USING ORDER STATISTICS AFOSR67-0684
 UPPER AND LOWER BOUNDS AND THE GENERALIZED VARIATION-PERTURB APPROACH OF MANY-ELECTRON THEORY AFOSR68-2571
 ON THE ANALYTIC PROPERTIES OF SOLUTIONS FOR A GENERALIZED AXIALLY SYMMETRIC SCHRÖDINGER EQUATION AFOSR67-0837
 THE ANALYSIS OF NOISY NON-LINEAR DEVICES BY MEANS OF GENERALIZED RANDOM PROCESSES FINAL REPORT MARCH 1967 ARL 67-0048
 AN INVESTIGATION OF THE ANALYTIC PROPERTIES OF SOLUTIONS TO THE GENERALIZED AXIALLY SYMMETRIC REDUCED WAVE EQUATION IN AFOSR68-1766
 RECURRENCE FORMULAS FOR POLYNOMIALS IN RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS ARL 67-1135
 MAXIMUM-LIKELIHOOD ESTIMATION OF THE PARAMETERS OF A FOUR-PARAMETER GENERALIZED GAMMA POPULATION FROM COMPLETE AND ARL 67-0089
 THE UNSOLVABILITY OF THE EQUIVALENCE PROBLEM FOR A-FREE NONDETERMINISTIC GENERALIZED MACHINES AFRCL68-0012
 SCATTERING FROM COULOMB-LIKE POTENTIALS WITHOUT DIVERGENCE OR CUTOFFS I FORMALISM GENERALIZED LIPPMAN-SCHWINGER AFOSR67-2031

GENERATED

AERODYNAMICALLY GENERATED SOUND FINAL REPORT DEC 1966 AFOSR67-0278
 HEAT TRANSFER AND PRESSURE DROP IN TAPE GENERATED SWIRL FLOW AFOSR67-1959
 INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW PART II FINAL REPORT JULY 1968 ARL 68-0133
 INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW, PART I FINAL REPORT JULY 1968 ARL 68-0134

GENERATING

USE OF A FREE PISTON FOR GENERATING HYPERVELOCITY FLOWS ARL 67-1232
 A RELATION BETWEEN MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS AFOSR67-0941
 SOME RESULTS RELATING MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS AFOSR67-2410
 A LASER-DRIVEN IMPLUSION FOR GENERATING VERY HIGH TEMPERATURES ARL 67-0134
 ON THE POSSIBLE ROLE OF DISLOCATIONS IN GENERATING ORDERED AND DISORDERED SHEAR STRUCTURES AFOSR67-2710
 THE ISENTROPIC COMPRESSION TURF A NEW APPROACH TO GENERATING HYPERVELOCITY TEST FLOWS WITH LOW DISSOCIATION ARL 67-0133

GENERATION

GENERATION OF ALL HAMILTONIAN CIRCUITS PATHS AND CENTERS OF A GRAPH AND RELATED CIRCUITS AFOSR67-1727
 GENERATION AND DETECTION OF DYNAMIC NEWTONIAN GRAVITATIONAL FIELDS AT 1660 CPS AFOSR68-1284
 GENERATION OF COMPLETE TREES AFOSR68-2413
 THE GENERATION OF A BOUNDARY LAYER IN HYDRODYNAMICS AFOSR68-0253
 THE GENERATION OF SCIENCE-BASED TECHNOLOGY IN THE FIELD OF CRYSTALLIZATION AFOSR68-1494
 ON THE GENERATION OF ALL SPECTRAL FACTORS AFOSR68-1867
 CHANGE GENERATION BY CORONA DISCHARGE IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES ARL 67-1078
 HARMONIC GENERATION IN ANTIFERROMAGNETIC RESONANCE AFRCL67-0258
 HARMONIC GENERATION AT MICROWAVE FREQUENCIES AFOSR67-0002
 STRESS WAVE GENERATION IN A TEMPERATURE-DEPENDENT ABSORBING SOLID BY IMPULSIVE ELECTROMAGNETIC RADIATION AFOSR68-1618
 RESEARCH ON POWER GENERATION ELECTROGASODYNAMIC ENERGY CONVERSION FINAL REPORT 15 APRIL 1968 ARL 67-0004
 SUN-MILLIMETER WAVE GENERATION AND SPECTROSCOPY FINAL REPORT JUNE 1968 AFOSR68-2700
 WORD STATISTICS IN THE GENERATION OF SEMANTIC TOOLS FOR INFORMATION SYSTEMS AFOSR68-0237
 INVESTIGATION ON POWER GENERATION USING ELECTROFLUIDDYNAMIC PROCESSES ARL 67-1071
 STATISTICAL MECHANISMS IN GENERATION OF THE EEG AFOSR67-1872
 PRELIMINARY COMMUNICATION GENERATION OF FLUOROCARBON CARBENE BY THE MERCURIAL ROUTE AFOSR68-0322
 ELECTROFLUIDDYNAMIC POWER GENERATION: TRENDS AND EXPECTATIONS ARL 67-1079
 ELECTROFLUIDDYNAMIC PFD POWER GENERATION ARL 68-1391
 ELECTROFLUIDDYNAMIC PFD POWER GENERATION ARL 68-1399
 EFFICIENT MICROWAVE SHEAR-WAVE GENERATION BY MODE CONVERSION AFOSR67-0654
 THEORY OF NON-LINEAR MIXED FREQUENCY GENERATION IN ANISOTROPIC PLASMA AFRCL67-0087
 SUMMILLIMETER RADIATION RESEARCH AND GENERATION WITH A RACETRACK MICRINTHON FINAL REPORT DEC 1967 AFOSR68-0114
 OUTLOOK FOR ELECTROFLUIDDYNAMIC POWER GENERATION ARL 67-1077
 PHOTOELASTIC AMPLIFICATION OF LIGHT AND THE GENERATION OF HYDROFON BY THE STIMULATED BRILLOUIN PROCESS AFRCL68-0021
 ACCURATE MEASUREMENTS OF OPTICAL SECOND-HARMONIC GENERATION IN AMMONIUM DIHYDROGEN PHOSPHATE AND CALCITE AFOSR67-1401
 A STUDY OF THE MECHANISMS OF WHISTLER PROPAGATION AND VLF EMISSION GENERATION FINAL REPORT JAN 1968 AFOSR68-0219
 VELOCITY-SPACE INSTABILITIES IN A SIMULATED FUSION PLASMA AND LASER GENERATION OF PLASMA FINAL REPORT JUNE 1968 AFOSR68-1756
 PROPERTIES OF THE ARL MAGNETO PLASMA DEVICE PART I SYSTEM OPERATION AND PLASMA GENERATION FINAL REPORT MAY 1968 ARL 68-0094

GENERATOR

THE DISK GENERATOR ARL 68-1021
 AN INDUCTION GENERATOR EXPERIMENT AFOSR68-1840
 A SINUSOIDAL WAVE GENERATOR FOR DYNAMIC TESTING OF FLUIDIC DEVICES AFOSR68-2582
 TRANSIENT STABILITY OF AN A C GENERATOR BY LYAPUNOV'S DIRECT METHOD AFOSR68-2895
 GRAVITATIONAL SUPERENERGY AS A GENERATOR OF CANONICAL TRANSFORMATION AFOSR68-0447
 STUDIES ON AN INERT GAS DISK HALL GENERATOR DRIVEN IN A SHOCK TUNNEL ARL 67-1235
 STUDIES ON AN INERT GAS DISK HALL GENERATOR WITH AN UPSTREAM PRE-IONIZING DISCHARGE ARL 68-1020
 COMPUTER STUDY OF ELECTROFLUIDDYNAMIC COOLED GENERATOR ARL 68-1402
 HIGH HALL COEFFICIENT EXPERIMENT IN A LARGE DISK GENERATOR ARL 68-1199
 COMPUTER PROGRAM FOR THE CALCULATION OF ELECTRIC FIELDS IN AN ELECTROFLUIDDYNAMIC GENERATOR FINAL REPORT AUGUST 1968 ARL 68-0156

GENERATORS

SHOCK GENERATORS IN THE HYPERSONIC TURBULENT BOUNDARY LAYER ARL 67-0186
 PRIMARY PHENOMENA IN WIND GENERATORS AFOSR68-0850
 WORKING MEDIA FOR ELECTROFLUIDDYNAMIC GENERATORS ARL 68-1366
 THIN-FILM DIELECTRIC TRANSJUNCTIONS USED AS GENERATORS AND DETECTORS OF MICROWAVE PHOTONS WITH SOME ATTENUATION AFRCL67-0079
 HALL EFFECT (ON SLIP AND END EFFECTS IN FARADAY GENERATORS AFOSR68-1307
 REALIZATION OF LIE ALGEBRAS BY ANALYTIC FUNCTIONS OF GENERATORS OF A GIVEN LIE ALGEBRA AFOSR68-2501
 WORK DONE 1967/68 AT INNSBRUCK UNIVERSITY ON INSTABILITIES THE VLASOV EQUATION FARADAY GENERATORS WIND BOUNDARY LAYER AFOSR68-1723

GENESIS
GENESIS OF ACTION POTENTIALS IN EXCITABLE TISSUES FINAL REPORT MAY 1967 AFOSR67-1693

GENETIC
CHARACTERIZATION OF SPEECH SOURCES IN TERMS OF GENETIC OPERATING CHARACTERISTICS AFCL67-0309

GENICULATE
TRANSFER PROPERTIES OF THE LATERAL GENICULATE BODY AFOSR67-2543
OUTPUT TO INPUT RELATIONSHIPS IN LATERAL GENICULATE AND VISUAL CORTEX AFOSR67-0877
DEPOLARIZATION OF OPTIC FIBER ENDINGS IN THE LATERAL GENICULATE BODY AFOSR68-2700
THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE NUCLEUS AFTER STIMULATION OF VISUAL CORTEX AFOSR67-2539
BINOCULAR RECIPROCAL INTERACTION UPON FIBER ENDINGS IN THE LATERAL GENICULATE NUCLEUS OF THE CAT AFOSR67-2537
RELATIONSHIP BETWEEN CORTICAL ACTIVITY AND THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE BODY AFOSR67-2544

GENUS
THE LOCAL RING OF THE GENUS THREE MODULUS SPACE AT KLEINS 168 SURFACE AFOSR67-2358

GECHRONOLOGY
GECHRONOLOGY OF THE MIDCONTINENT REGION UNITED STATES PART 1 SCOPE METHODS AND PRINCIPLES PART 2 NORTHERN AREA PART 3 AFOSR67-0314

GEODESIC
ATTAINABLE SETS AND GENERALIZED GEODESIC SPHERES AFOSR67-1264

GEODESY
KINEMATICAL GEODESY AFCL67-0626

GEODETIC
STUDIES FOR A GEODETIC LASER SYSTEM FINAL REPORT MAY 1967 AFCL67-0229
SOLUTION OF THE GEODETIC BOUNDARY-VALUE PROBLEM IN CASE OF A REFERENCE ELLIPSOID AFCL68-0158
THRESHOLD DETECTION OF GEODETIC SATELLITE IMAGES AFCL67-0034
LINEAR SOLUTIONS OF THE GEODETIC BOUNDARY-VALUE PROBLEM AFCL67-0044
PRECISE DETERMINATION OF GEODETIC POSITIONS BY THE METHOD OF CONTINUOUS TRACES FINAL REPORT AFCL67-0558
TESTS OF A METHOD FOR MAKING GEODETIC TIES BY OBSERVING A SATELLITE OPTICAL BEACON AFCL67-0174
MODEL COMPUTATIONS FOR DIFFERENT SOLUTIONS OF THE GEODETIC BOUNDARY-VALUE PROBLEM AFCL68-0164

GEODS
COMPARISON OF SATELLITE GEODS AND ANOMALY FIELDS AFCL67-0151

GEOLOGY
THE EFFECT OF TOPOGRAPHY AND GEOLOGY ON TELLURIC CURRENTS AFCL67-0245

GEOMAGNETIC
GEOMAGNETIC OBSERVATIONS OF 1962 HIGH ALTITUDE NUCLEAR TESTS /U/ FINAL REPORT MAR 1967 AFCL67-0432
STUDY OF SUB-AUDIO GEOMAGNETIC FLUCTUATIONS FINAL REPORT FEB 1967 AFCL67-0003
STUDY OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASURING RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT FEB 1968 AFCL68-0102
DEVELOPMENT OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASUREMENTS RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT AFCL67-0415
A SYSTEM FOR AUTOMATIC COLLECTION OF GEOMAGNETIC DATA IN DIGITAL FORM FINAL REPORT FEB 1967 AFCL67-0281
A SEARCH FOR ALPHA PARTICLES TRAPPED IN THE GEOMAGNETIC FIELD AFOSR67-2527
SPATIAL DISTRIBUTION OF ENERGETIC ELECTRONS IN THE GEOMAGNETIC TAIL AFOSR67-1199
A SYSTEM FOR AUTOMATIC COLLECTION AND PROCESSING OF GEOMAGNETIC DATA IN DIGITAL FORM AFCL68-0259
RESEARCH DIRECTED TOWARD THE COLLECTION REDUCTION AND EVALUATION OF GEOMAGNETIC FIELD DATA FINAL REPORT JAN 1968 AFCL68-0014
AURORAL-ZONE ELECTRON PRECIPITATION ACCOMPANYING A SUDDEN IMPULSE IN THE GEOMAGNETIC FIELD AFOSR67-1389

GEOMETRIC
GEOMETRIC STATION AND TRAJECTORY ESTIMATION FINAL REPORT FEB 1968 AFCL68-0088
GEOMETRIC THEORY OF FUNCTIONAL-DIFFERENTIAL EQUATIONS AFOSR67-2219
GEOMETRIC THEORY OF THE SPIN-WEIGHTED FUNCTIONS AFOSR68-0979
A GEOMETRIC CRITERION FOR ALGEBRAIC VARIETIES AFOSR68-0705

GEOMETRICAL
GEOMETRICAL ACOUSTICS IN MAGNETIC MATERIALS AFCL67-0025
APPLICATION OF GEOMETRICAL OPTICS TO THE DESIGN AND ANALYSIS OF MICROWAVE ANTENNAS AFCL67-0501
AN INEQUALITY FOR THE REDUCED WAVE OPERATOR AND THE JUSTIFICATION OF GEOMETRICAL OPTICS AFOSR68-1513

GEOMETRIES
PROPAGATION OF WAVES IN SPECIAL MEDIA AND GEOMETRIES FINAL REPORT NOV 1967 AFCL68-0023

GEOMETRY
GEOMETRY OF MOLECULES III OXYGEN DIFLUORIDE LITHIUM OXIDE HYDROGEN HYDROFLUORITE LITHIUM HYDROXIDE AFOSR67-2404
GEOMETRY OF MOLECULES I WAVEFUNCTIONS FOR SOME SIX-AND EIGHT-ELECTRON POLYHYDRIDES AFOSR67-2467
GEOMETRY OF MOLECULES II DIBORANE AND ETHANE AFOSR67-2468
THE GEOMETRY OF CRYSTAL BOUNDARIES ARL 67-1158
CRYSTAL GEOMETRY OF FIRST ORDER PHASE TRANSFORMATIONS ARL 67-1155
CONFORMAL GEOMETRY AND THE INTERPRETATION OF THE WEYL TENSOR AFC 67-0379
KINEMATIC GEOMETRY ARL 67-1330
EUCLIDEAN GEOMETRY CYCLIC CODES FCRL 67-0178
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART I ARL 68-1346
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART II- ARL 68-1367
ELECTRONIC STRUCTURE AND GEOMETRY OF HYDROGEN CYANIDE AFOSR67-2463
THE INFLUENCE OF STIFFNESS GEOMETRY AND SPACING ON THE BUCKLING OF AXIALLY COMPRESSED CYLINDRICAL AND CONICAL SHELLS AFOSR68-0670
PLASMA CONFINEMENT IN A MINIMUM-B GEOMETRY AFCL68-0140
THERMAL ESCAPE PROBLEM II TRANSITION DOMAIN IN SPHERICAL GEOMETRY AFOSR68-2551
VARIATIONAL APPROACH TO RAREFIED FLOWS IN CYLINDRICAL AND SPHERICAL GEOMETRY AFOSR67-1913
AN ASSESSMENT OF THE INFLUENCE OF A METAL-METAL BOND ON THE MOLECULAR GEOMETRY OF AN ORGANOMETALLIC LIGAND-BRIDGED AFOSR67-0740

GEOPHYSICAL
GEOPHYSICAL CONSTANT DETERMINATION FROM SATELLITE OBSERVATIONS FINAL REPORT JUNE 1967 AFCL67-0426
SPECTRAL ANALYSIS FOR GEOPHYSICAL DATA AFOSR67-0443
BOUNDARY LAYERS AND TURBULENCE-INTERNATIONAL SYMPOSIUM ON BOUNDARY LAYERS AND TURBULENCE INCLUDING GEOPHYSICAL AFOSR68-0285
A PROGRAM TO DETERMINE FUNDAMENTAL NUCLEAR DATA FROM MUON INTENSITY MEASUREMENTS AND TO INVESTIGATE GEOPHYSICAL AFOSR68-2685

GEOPHYSICS
TRITIUM GEOPHYSICS FROM 1961-1962 NUCLEAR TESTS AFOSR68-1250

GEOPOTENTIAL
EXTENSION TABLES FOR THE U S STANDARD ATMOSPHERE 1962 WITH SPECIAL ATTENTION TO THE CALCULATION OF GEOPOTENTIAL AFCL67-0335

GEORGETOWN-IRM
THE GEORGETOWN-IRM EXPERIMENT OF 1954: AN EVALUATION IN RETROSPECT AFOSR68-0390

GERALD
STUDIES IN PROBLEM SOLVING SUBJECT 3 ON THE CRYST- ARITHMETIC TASK DONALD PLUS GERALD EQUALS ROBERT AFOSR67-2169

GERMAN
NEURAL MECHANISMS OF EMOTIONAL BEHAVIOR /GERMAN/
KLEINIAN GROUPS IN THE PLANE AND IN SPACE /GERMAN/
BOUNDARY LAYER INSTABILITY ON SWIFT WINGS /GERMAN/
U S VULNERABILITY AS PORTRAYED IN THE EAST GERMAN TELEVISION FILM PILOTS IN PAJAMAS
ELECTRIC NUCLEAR QUADRUPOLE MOMENT OF CESIUM 134 /GERMAN/
EXAMPLES OF DIFFERENTIAL TOPOLOGY WITH SINGULARITIES /GERMAN/
SOME DISCUSSION AND EXTENSION OF MANFRED BIERWISCHS WORK ON GERMAN ADJECTIVALS
FELIX HAUSDORFF IN MEMORIAM THE MATHEMATICAL WORK OF F HAUSDORFF /GERMAN/
SUPERCONDUCTIVITY AND PARTICLES SIZE IN HETEROGENEOUS COPPER LEAD ALLOY /GERMAN/
HETEROGENEOUS NUCLEATION AND ITS INFLUENCE ON THE STRUCTURE OF THIN FILMS /GERMAN/
DETERMINATION OF TRACE ELEMENTS IN STONE METEORITES BY ACTIVATION ANALYSIS /GERMAN/
CHEMICAL SOCIETY OF ZURICH--CONFORMATIONAL ANALYSES OF MOBILE SYSTEMS--METHODS AND RESULTS /GERMAN/
AFOSR67-2101
AFOSR67-2421
AFOSR67-2606
AFOSR68-1823
AFOSR68-1156
AFOSR67-0116
AFCL68-0055
AFOSR67-0873
AFOSR67-0159
AFOSR67-0806
AFOSR68-1999
AFOSR68-2422

GERMANATE
SPECTROSCOPIC CONSIDERATIONS OF CHROMIUM DOPED LITHIUM GERMANATE AS A POSSIBLE LASER MATERIAL AFCL68-0370

GERMANIUM
ENHANCED DIFFUSION IN GERMANIUM
THERMOELECTRIC POWER OF GERMANIUM EFFECT OF 2000-ATM PRESSURE
NATURE OF THE DEFECTS IN GERMANIUM TELLURIDE
SPECTRAL RESPONSE OF THE GERMANIUM GALLIUM PHOTOCONDUCTIVE DETECTOR
THERMAL TIME CONSTANTS OF GERMANIUM THERMOMETERS AT LIQUID HELIUM TEMPERATURES
PHOTON-ASSISTED MAGNETOTUNNELING IN GERMANIUM IN PARALLEL AND CROSSED ELECTRIC AND MAGNETIC FIELDS
RELATIVISTIC ENERGY BAND MODELS FOR GERMANIUM AND GREY TIN
FAST RECOVERY OF ELECTRON IRRADIATED GERMANIUM
COPPER OF INTRINSIC AND GALLIUM-DOPED GERMANIUM
TUNNELING CURRENTS VIA GOLD LEVELS IN GERMANIUM ESAKI DIODES
CX2 INSERTION INTO THE SILICON-MERCURY AND GERMANIUM-MERCURY BONDS
NONPARABOLICITY OF THE L CONDUCTION BAND IN GERMANIUM FROM MAGNETO-PIEZOTRANSMISSION EXPERIMENTS
LOW TEMPERATURE IRRADIATION AND ANNEALING OF N-TYPE GERMANIUM EFFECTS OF OPTICAL BLEACHING
CHARGE COLLECTION EFFICIENCIES FOR LITHIUM DRIFTED SILICON AND GERMANIUM DETECTORS IN THE X-RAY ENERGY REGION
HIGH-STRESS OPTICAL BIREFRINGENCE IN PURE AND OPGENERATE N-TYPE GERMANIUM
PHOTOCONDUCTIVITY SPECTRA OF LOW-TEMPERATURE ELECTRON- IRRADIATED GERMANIUM
STUDY OF THERMAL NEUTRON CAPTURE GAMMA RAYS USING A LITHIUM DRIFTED GERMANIUM SPECTROMETER
AFCL68-0216
AFOSR67-1107
AFOSR67-1453
AFOSR68-2805
AFOSR68-0201
AFOSR68-0178
ARL 68-1407
AFOSR67-0213
AFOSR67-0348
AFOSR67-1976
AFOSR67-0903
AFOSR67-2372
AFCL68-0214
AFOSR68-1876
AFOSR68-0884
AFCL68-0215
AFCL67-0104

GERMANIUM-OXYGEN
ORIENTATION-DEPENDENT STICKING COEFFICIENT IN THE GERMANIUM-OXYGEN SYSTEM AFOSR68-0555

GERNYL
STABLE AND UNSTABLE SILYL AND GERNYL COMPOUNDS FINAL REPORT MARCH 1967 AFOSR67-0754

GETF
RELATIVISTIC BAND STRUCTURE OF GFTE, SNTE, PATE, P8SE AND P8S
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF GETF, SNTE, P8S, PHSE AND P8TE
ARL 68-1421
ARL 68-1419

GETTERS
PRODUCTION OF ULTRAHIGH VACUUM BY FLASHED GETTERS ARL 67-0075

GHOSTS
EXTINCT GHOSTS IN POTENTIAL THEORY AFOSR67-0880

GHOTIC
AMPLITUDE CHANGES OF THE EEG POTENTIAL EVOKED BY GHOTIC STIMULI DURING SLEEP IN MAN /ITALIAN/ AFOSR67-1855

GIANT
GIANT PULSER LASER ACTION AT 77 DEGREE K
GIANT PULSE LASERS
PRELIMINARY RESULTS FROM THE SYDNEY UNIVERSITY GIANT AIR SHOWER RECORDER
PROPERTIES OF THE ATPASE SYSTEM FROM THE SHEATH OF SQUID GIANT AXONS
STUDIES IN STELLAR EVOLUTION VI EVOLUTION OF A SOLAR MASS RED GIANT WITH MASS LOSS
AFOSR67-0069
ARL 68-1132
AFOSR68-1965
AFOSR68-1707
AFOSR68-2684

GIANT-PULSE
BARFORD MINIMA DUE TO ELECTRON-IMPACT IONIZATION IN SUPER-HIGH-PRESSURE GASES IRRADIATED BY A FOCUSED GIANT-PULSE AFOSR67-0762

GIANTS
NARROW- AND BROAD-BAND PHOTOMETRY OF RED STARS I NORTHERN GIANTS
THE ABUNDANCES OF LITHIUM AND BERYLLIUM IN SOME F DWARFS AND K GIANTS
AFOSR67-2670
AFOSR67-0186

GIGAHERTZ
CYCLOTRON RESONANCE IN SINGLE CRYSTAL GRAPHITE AT 72 /GIGAHERTZ/ AFOSR67-2727

GIMRALESS
DAMPING GIMRALESS INERTIAL NAVIGATION SYSTEMS AFOSR68-0298

GLACIER
STEADY PROFILE OF A FINITE-AMPLITUDE KINEMATIC WAVE ON A GLACIER AFOSR68-1113

| | |
|--|--------------|
| GLAND | |
| NORADRENALINE AND DOPAMINE CONTENT OF NORMAL DECENTRALIZED AND DENERVATED PINEAL GLAND OF THE RAT | AFOSR67-1105 |
| GLANDS | |
| CENTRAL CONTROL OF NORADRENALINE CONTENT IN RAT PINEAL AND SUBMANDIBULAR GLANDS | AFOSR67-1104 |
| GLASS | |
| EXPERIMENTAL STUDIES OF ATOMIC HYDROGEN RECOMBINATION AT GLASS AND QUARTZ SURFACES FINAL REPORT MARCH 1967 | AFOSR67-1111 |
| PARAMAGNETIC RESONANCE SPECTRA OF METHYL RADICALS ON POROUS GLASS SURFACES | AFOSR67-2283 |
| ELECTRON PARAMAGNETIC RESONANCE OF METHYL RADICALS ON POROUS GLASS SURFACE | AFOSR67-0196 |
| GLASSES | |
| COMPETITIVE TRAPPING IN SODIUM DISILICATE GLASSES DOPED WITH TRIVALENT EUROPIUM | AFOSR67-0012 |
| SPECTRAL STUDY OF THE INTERCONVERSION OF EUROPIUM PLUS 2 SPECTRA AND EUROPIUM PLUS 3 SPECTRA IN SILICATE GLASSES | AFOSR68-1951 |
| GLIA | |
| BIOCHEMICAL STUDIES OF NEURONS AND GLIA DURING LEARNING AND DIFFERENT FUNCTIONAL CONDITIONS FINAL REPORT MAY 1967 | AFOSR67-1650 |
| GLOBAL | |
| GLOBAL EXISTENCE OF SPIN STRUCTURES FOR GRAVITATIONAL FIELDS | AFOSR68-2264 |
| GLOBAL ASPECTS OF VIBRO | ARL 68-1398 |
| SEISMOLOGY AND THE NEW GLOBAL TECTONICS | AFOSR68-0623 |
| ANALYTIC CONTINUATION AND GLOBAL THEOREMS IN GENERAL RELATIVITY | AFOSR67-0147 |
| GLOBULAR | |
| THE WEAKNESS OF HELIUM LIMBS IN GLOBULAR CLUSTER AND HALO B STARS | AFOSR67-0825 |
| ON THE BLUE END OF THE HORIZONTAL BRANCH IN GLOBULAR CLUSTERS | AFOSR68-1048 |
| GLORY | |
| GLORY SCATTERING OF LITHIUM BY A SERIES OF MOLECULES I DIATOMICS | AFOSR68-2428 |
| GLOSSOPHARYNGEAL | |
| GUSTATORY AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL NERVE OF THE RABBIT AND CAT | AFOSR67-2362 |
| GUSTATORY AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL NERVE OF THE RAT | AFOSR67-2384 |
| GLOW | |
| FLOW VISUALIZATION USING GLOW DISCHARGE AT HYPERSONIC MACH NUMBERS | ARL 68-1048 |
| SPATIAL INHOMOGENEITIES IN THE PULSED GLOW DISCHARGE | ARL 67-008P |
| NOTE ON SECONDARY ELECTRONS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE | ARL 68-0203 |
| ELECTRON CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE | ARL 67-0240 |
| ELECTRON-CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE | ARL 68-0098 |
| ANALYSIS OF DIFFUSION AND RECOMBINATION LOSSES IN THE NEGATIVE GLOW | ARL 68-1445 |
| CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES III THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH OXYGEN | AFOSR67-0445 |
| CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES II THE STRUCTURE OF THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH | AFOSR67-0471 |
| A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENT OR CONDUCTIVITY /GLOW CURVES/. | ARL 68-1017 |
| A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENCE OR CONDUCTIVITY GLOW CURVES | ARL 68-1173 |
| GLOWER | |
| SIMPLE CIRCUIT FOR HERNST GLOWER CONTROL | AFOSR68-0019 |
| GLUCOSE | |
| THE MUTAROTATION OF GLUCOSE IN FROZEN AQUEOUS SOLUTIONS | AFOSR67-0091 |
| MATHEMATICAL MODEL OF GLUCOSE HOMEOSTASIS | ARL 68-1267 |
| GLYCINE | |
| SEQUENCE PEPTIDE POLYMERS I POLYMERS BASED ON ASPARTIC ACID AND GLYCINE | AFOSR67-1078 |
| GOLD | |
| EPITAXIAL GROWTH OF GOLD AND SILVER ON MAGNETUM OXIDE CLEAVED IN ULTRAHIGH VACUUM | AFOSR67-2318 |
| TUNNELING CURRENTS VIA GOLD LEVELS IN GERMANIUM ESaki JUNCTIONS | AFOSR67-1576 |
| SURFACE STRUCTURE OF CLEAN GOLD AND SILVER SURFACES | AFOSR68-0057 |
| PERMANENTISM IN /AUSUBAY/ GOLD VANADIUM ALLOY | AFOSR67-1675 |
| EFFECTS OF MULTIPLY-CHARGED GOLD IMPURITY ON THE BREAKDOWN VOLTAGE OF SILICON P-N JUNCTIONS | AFOSR68-1115 |
| MELTING CURVES OF COPPER SILVER GOLD AND PLATINUM TO 70 KILOBAR | AFOSR68-0095 |
| MORPHOLOGICAL CHANGES IN DISCONTINUOUS GOLD FILMS FOLLOWING DEPOSITION | AFOSR68-0915 |
| ATOMIC-BEAM SCATTERING FROM EPITAXIALLY GROWN GOLD FILMS | AFOSR68-2223 |
| RECENT STUDIES OF MOLECULAR BEAM SCATTERING FROM CONTINUOUSLY DEPOSITED GOLD FILMS | AFOSR68-2219 |
| LOW-ENERGY ELECTRON DIFFRACTION STUDIES OF EPITAXIAL GROWTH OF SILVER AND GOLD IN ULTRAHIGH VACUUM | AFOSR67-1173 |
| GOLD-CADMIUM | |
| SELF-DIFFUSION IN NEAR-EQUIATOMIC ORDERED GOLD-CADMIUM ALLOYS | AFOSR67-1171 |
| GOLD-COPPER | |
| SURFACE AND GRAIN-BOUNDARY DIFFUSION OF GOLD-COPPER | AFOSR67-0037 |
| GOLD-FOUR | |
| SPECIFIC HEAT OF GOLD-FOUR VANADIUM | AFOSR68-0562 |
| GOLD-VANADIUM | |
| THE ELECTRICAL RESISTIVITY OF GOLD-VANADIUM INTERMETALLIC COMPOUND | AFOSR67-2672 |
| GOLDSTONE | |
| ABSENCE OF SCALAR GOLDSTONE PIONS | AFOSR68-2745 |
| GONIOMETER | |
| A GONIOMETER STAGE FOR USE AT LIQUID HELIUM TEMPERATURES | AFOSR67-0369 |
| MEASUREMENT OF PARALLEL /SOLAR/ SLITS WITH A MODIFIED REISSNERBERG GONIOMETER | AFOSR67-1755 |

HOW GRASS IS THE DIRECT-INTERACTION APPROXIMATION IN TURBULENCE ARL 68-127
 SOURSAT
 THE SOURSAT PROBLEM FOR THE PARTIAL DIFFERENTIAL EQUATION USUBRE EQUALS P A MIRAGE APOSRA7-1471
 GOVERNMENT
 ANTHROPOLOGY IN GOVERNMENT AN ANALYTIC BIBLIOGRAPHY APOSRA68-0042
 GOVERNMENT-SPONSORED
 DIFFUSION OF ATTRACTING AND INDEXING SERVICES FOR GOVERNMENT-SPONSORED RESEARCH SCARECROW PRESS INC NEWTOWN N J 1968 APOSRA68-0437
 GRADPS
 SECOND QUANTIZATION AS A GRADED HILBERT SPACE REPRESENTATION APOSRA68-1130
 GRADIENT
 DENSITY GRADIENT SEPARATION OF SARCOMERULAR VESICLES AND OTHER PARTICULATE CONSTITUENTS OF RABBIT MUSCLE APOSRA68-1683
 LIGHTTIME GRADIENT PHOTOVOLTAAGE IN SEMICONDUCTORS ARL 67-0239
 ALTERNATE GRADIENT FOCUSING OF MOLECULAR BEAMS APOSRA67-0074
 ELECTRIC FIELD GRADIENT AT THE DEUTERON SITE IN LIQUID DCI APOSRA67-1188
 COSMIC-RAY RADIAL DENSITY GRADIENT AND ITS RIGIDITY DEPENDENCE OBSERVED AT SOLAR MINIMUM ON MARINER IV APOSRA67-2854
 PLANAR FREE TURBULENT MIXING WITH AN AXIAL PRESSURE GRADIENT APOSRA67-2000
 DECAY OF A DISTURBANCE IN AN INCOMPRESSIBLE, ZERO-PRESSURE- GRADIENT FLOW ARL 67-0846
 A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT FINAL APOSRA68-0406
 A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT APOSRA68-1670
 GRADIENTS
 VELOCITY GRADIENTS AT THE WALL FOR FLOW AROUND A CYLINDER FOR REYNOLDS NUMBERS BETWEEN 60 AND 360 APOSRA68-2079
 OXYGEN ACTIVITY GRADIENTS IN METAL OXIDES UNDER APPLIED ELECTRIC POTENTIALS AND THEIR INFLUENCE ON TRANSFERENCE NUMBER ARL 68-1155
 EFFECT OF TEMPERATURE GRADIENTS ON THE PROPAGATION OF ELASTOPLASTIC WAVES APOSRA68-2420
 THE POLYCENTRIC INTENSITY GRADIENTS OF COSMIC-RAY PROTONS AND HELIUM DURING MINIMUM SOLAR MODULATION APOSRA67-1188
 STUDY OF SINGLE CRYSTALS UNDER THERMAL GRADIENTS 7117 FINAL REPORT JULY 1968 APOSRA68-1834
 WAVE PROPAGATION IN THIN RODS WITH QUIESCENT TEMPERATURE GRADIENTS APOSRA67-1022
 RESEARCH TOWARD FEASIBILITY OF AN INSTRUMENT FOR MEASURING VERTICAL GRADIENTS OF GRAVITY FINAL REPORT OCT 1967 APOSRA67-0631
 OHMS LAW IN MULTICOMPONENT NONISOTHERMAL PLASMAS WITH TEMPERATURE AND PRESSURE GRADIENTS APOSRA67-0994
 AN EXPERIMENTAL STUDY OF SOME PASE INJECTION TECHNIQUES AND THE EFFECT OF LARGE PRESSURE GRADIENTS ON TURBULENT ARL 68-0160
 A STUDY OF THE STRUCTURE OF THE TURBULENT BOUNDARY LAYER WITH AND WITHOUT LONGITUDINAL PRESSURE GRADIENTS APOSRA67-0605
 GRADIMETER
 A FEASIBILITY STUDY OF A COMPONENT GRADIMETER /U/ APOSRA67-0411
 A FEASIBILITY STUDY OF A COMPONENT GRADIMETER APOSRA67-0417
 GRAIN
 ROLE OF GRAIN BOUNDARIES IN ELECTRICAL POLARIZATION MEASUREMENTS ARL 67-1157
 ULTRAFINE GRAIN CERAMICS ARL 68-1167
 INVESTIGATION OF GRAIN BOUNDARY ENERGIES IN ERBIUM OXIDE THIN FILMS BY TRANSMISSION ELECTRON MICROSCOPY APOSRA68-2402
 GRAIN-BOUNDARY
 SURFACE AND GRAIN-BOUNDARY DIFFUSION OF GOLD-COPPER APOSRA67-0037
 GRAMMAR
 STUDIES IN TRANSFORMATIONAL GRAMMAR AND RELATED TOPICS FINAL REPORT JAN 1968 APOSRA68-0032
 ON THE PROBLEM OF DESCRIBING THE GRAMMAR OF NATURAL LANGUAGES APOSRA67-2348
 SPECIFICATION AND UTILIZATION OF A TRANSFORMATIONAL GRAMMAR APOSRA68-0070
 SPECIFICATION AND UTILIZATION OF A TRANSFORMATIONAL GRAMMAR FINAL REPORT JULY 1968 APOSRA68-0371
 GRAMMARS
 CONTROL SETS ON GRAMMARS APOSRA67-0537
 TRANSFORMATIONAL GRAMMARS AGAIN APOSRA68-0365
 SCATTERED CONTEXT GRAMMARS APOSRA68-0159
 THE EQUIVALENCE OF CONTEXT LIMITED GRAMMARS TO CONTEXT FREE GRAMMARS APOSRA67-0434
 MACHINE RECOGNITION OF TRANSFORMATIONAL GRAMMARS OF ENGLISH FINAL REPT JAN 1967 APOSRA67-0310
 A MATHEMATICAL MODEL OF TRANSFORMATIONAL GRAMMARS APOSRA68-0470
 THE EQUIVALENCE OF CONTEXT LIMITED GRAMMARS TO CONTEXT FREE GRAMMARS APOSRA67-0434
 GRAMMATICAL
 GRAMMATICAL FACTORS IN SENTENCE RETENTION APOSRA67-1025
 GRANT
 FROM RESEARCH TO APPLICATION A FOLLOW-UP EFFECTIVENESS STUDY OF GRANT AF-APOSRA 177-63 COMPUTER ANALYSIS AND SYNTHESIS APOSRA67-1819
 GRANULAR
 LONGITUDINAL SOUND VELOCITIES OF GRANULAR COMPACTS OF AMMONIUM PERCHLORATE AND POTASSIUM CHLORIDE APOSRA67-2036
 DETONATION CHARACTERISTICS OF LOW DENSITY GRANULAR MATERIALS APOSRA67-0413
 DETONATION CHARACTERISTICS OF LOW DENSITY GRANULAR MATERIALS APOSRA68-1205
 SHEAR RESISTANCE AND EQUATION OF STATE FOR NONCOHESIVE GRANULAR MACROMERITIC SYSTEMS APOSRA67-0048
 GRANULES
 CATECHOLAMINES IN NERVE AND ORGAN GRANULES APOSRA67-0112
 THE UPTAKE OF ISOPHRENALINE IN NERVE GRANULES APOSRA67-2402
 OCCURRENCE AND SOME PROPERTIES OF NORADRENE CONTAINING GRANULES IN THE SHEEP ADRENAL APOSRA68-1738
 REUPTAKE OF NORADRENE IN ISOLATED ADRENERGIC NERVE GRANULES AND THE ACTION OF ATP APOSRA68-0192
 REUPTAKE AND NET UPTAKE OF NORADRENE IN ADRENERGIC NERVE GRANULES WITH A NOTE ON THE AFFINITY FOR L- AND D-ISOMERS APOSRA68-0311
 MECHANISM OF DRUG-INDUCED CATECHOLAMINE RELEASE FROM ADRENERGIC NERVE GRANULES APOSRA68-0867
 SOME FACTORS AFFECTING CATECHOLAMINE UPTAKE STORAGE AND RELEASE IN ADRENERGIC NERVE GRANULES APOSRA68-0872
 EFFECT OF DIRECTLY AND INDIRECTLY ACTING SYMPATHOMIMETIC AMINES ON ADRENERGIC TRANSMITTER GRANULES APOSRA68-2729
 INHIBITORY ACTION OF ADRENERGIC BLOCKING AGENTS ON CATECHOLAMINE RELEASE AND UPTAKE IN ISOLATED NERVE GRANULES APOSRA67-0500
 GRAPH
 GRAPH THEORETIC ERROR-CORRECTING CODES APOSRA68-2220
 A NOTE ON A GRAPH THEORETIC GAME OF MAXIMIS APOSRA68-0071

GRAPH

- CONTINUED

DECODING OF GRAPH THEORETIC CODES
 A SEMINAR ON GRAPH THEORY
 APPLICATIONS OF GRAPH THEORY FINAL REPORT MARCH 1968
 APPLICATION OF LINEAR GRAPH THEORY TO PRINTED CIRCUITS
 CODING THE VERTICES OF A GRAPH
 ON THE CRITICAL LINES OF A GRAPH
 THE BLOCK-CUTPOINT-TREE OF A GRAPH
 A BOPPL SET NOT CONTAINING A GRAPH 1968
 THE CONNECTIVITY FUNCTION OF A GRAPH
 A NECESSARY CONDITION FOR FOUR-COLORING A PLANAR GRAPH
 GENERATION OF ALL HAMILTONIAN CIRCUITS PATHS AND CENTERS OF A GRAPH AND RELATED CIRCUITS

AFOSR68-0881
 AFOSR67-2428
 AFOSR68-0888
 AFOSR68-0129
 AFOSR67-0840
 AFOSR68-1383
 AFOSR67-0774
 AFOSR68-2002
 AFOSR68-0619
 AFOSR67-0888
 AFOSR67-1727

GRAPHICAL

A GRAPHICAL METHOD FOR MULTI-SOFT-PIRN PROCESSES
 COMPUTERIZED GRAPHICAL DISPLAY OF DATA FOR VISUAL EXAMINATION AND ANALYSIS IN PHYSICS RESEARCH
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES ENTRY TABLE DESIGN FINAL REPORT PER 1968
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM PROGRAM MANUAL FINAL REPORT FEB 1968
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM OPERATORS MANUAL FINAL REPORT FEB 1968
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES TIME-SHARING INPUT-OUTPUT EXECUTIVE /10X/

AFOSR68-0272
 ARL 68-0267
 AFOSR68-0128
 AFOSR68-0129
 AFOSR68-0130
 AFOSR68-0131

GRAPHITE

CYCLOTRON RESONANCE IN SINGLE CRYSTAL GRAPHITE AT 72 /GIGAHERTZ/
 COMPARATIVE STUDIES OF THE ATTACK OF PYROLYTIC AND ISOTROPIC GRAPHITE BY ATOMIC AND MOLECULAR OXYGEN AT HIGH
 THE HEATS OF COMBUSTION OF POLYTETRAFLUOROETHYLENE (TEFLON) AND GRAPHITE IN ELEMENTAL FLUORIDE
 THE ABSORPTION AND EMISSION OF IMPURITY LINES FROM HOT COMPRESSED ARGON WITH A TRACE OF GRAPHITE POWDER

AFOSR67-2727
 AFOSR68-1286
 AFOSR67-2013
 AFOSR68-2105

GRAPHS

GRAPHS AND MATRICES
 SIGNAL FLOW GRAPHS OF SAMPLED-DATA SYSTEMS A NEW FORMULATION
 POINT-SYMMETRIC GRAPHS WITH A PRIME NUMBER OF POINTS
 MINIMUM PARTITIONS OF GRAPHS
 SOME DECISION PROBLEMS ASSOCIATED WITH WEIGHTED DIRECTED GRAPHS
 WARD IDENTIFIERS UNSUBTRACTED D. SPERSION RELATIONS AND PEYMAN GRAPHS
 THE NUMBER OF TERMS IN THE GENERAL GAIN FORMULAS FOR COATES AND MASON SIGNAL FLOW GRAPHS

AFOSR68-1398
 AFOSR67-1866
 AFOSR67-0654
 ARL 68-1891
 AFOSR68-2016
 AFOSR67-2487
 AFOSR67-0348

GRASHOF

NATURAL CONVECTION FROM A HORIZONTAL CYLINDER AT MODERATE GRASHOF NUMBERS

ARL 67-0275

GRATING

A BALLOON-BORNE GRATING SPECTROMETER
 THE INFLUENCE OF A PERFECT GRATING ON THE LINE PROFILE OF A SPECTROGRAPH

AFOSR67-0211
 AFOSR67-0375

GRATINGS

METHOD FOR PRODUCTION OF BLAZED OPTICAL DIFFRACTION GRATINGS FROM SINGLE CRYSTAL MATERIALS

AFOSR68-0333

GRAVIMETRIC

A METHOD FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA
 COMPARISON OF TWO METHODS FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA

AFOSR68-0195
 AFOSR68-0386

GRAVITATION

GRAVITATION THEORY AND RECENT EXPERIMENTS
 BASIC RESEARCH IN GRAVITATION FINAL REPORT MARCH 1968
 EXPERIMENTAL AND THEORETICAL RESEARCH IN GRAVITATION PHYSICS FINAL REPORT JAN 1968

ARL 68-1104
 AFOSR68-0642
 AFOSR68-0252

GRAVITATION-INDUCED

GRAVITATION-INDUCED ELECTRIC FIELD NEAR A METAL

AFOSR67-0576

GRAVITATIONAL

GRAVITATIONAL RADIATION FROM NEUTRON STARS
 GRAVITATIONAL RADIATION
 GRAVITATIONAL SUPERENERGY AS A GENERATOR OF CANONICAL TRANSFORMATION
 GRAVITATIONAL EXPERIMENTS WITH A CYLINDRICAL GALAXY
 GRAVITATIONAL FIELDS IN FINITE AND CONFORMAL BONDII FRAMES
 GRAVITATIONAL WAVE TAILS
 GRAVITATIONAL RADIATION FROM THE SOLAR SYSTEM
 GRAVITATIONAL BOUNCE
 SIGN OF GRAVITATIONAL ENERGY
 THE SIGN OF THE GRAVITATIONAL FORCE
 FINELIKE CHARACTER OF GRAVITATIONAL FIELD ENERGY-MOMENTUM
 NEW SOURCE FOR DYNAMICAL GRAVITATIONAL FIELDS
 ON DIFFUSION THEORY IN A GRAVITATIONAL FIELD
 POSITIVE DEFINITENESS OF GRAVITATIONAL FIELD ENERGY
 LORENTZ-INVARIANT METHOD OF GRAVITATIONAL PERTURBATION
 RESEARCH ON SOLUTIONS OF THE GRAVITATIONAL FIELD EQUATIONS FINAL REPORT PER 1
 HARMONIC AND NULL DESCRIPTIONS OF GRAVITATIONAL RADIATION
 GLOBAL EXISTENCE OF SPIN STRUCTURES FOR GRAVITATIONAL FIELDS
 COVARIANT DECOMPOSITION AND ENERGY OF THE GRAVITATIONAL FIELD /FRENCH/
 COVARIANT DECOMPOSITION OF A TENSOR AND THE GRAVITATIONAL CAUCHY PROBLEM /FRENCH/
 GENERATION AND DETECTION OF DYNAMIC NEWTONIAN GRAVITATIONAL FIELDS AT 1600 CPS
 COVARIANT DECOMPOSITION OF SYMMETRIC TENSORS AND THE GRAVITATIONAL CAUCHY PROBLEM
 THERMAL ESCAPE FROM PLANETARY ATMOSPHERES IN THE PRESENCE OF A GRAVITATIONAL FIELD

AFOSR67-1172
 AFOSR68-0426
 AFOSR68-0447
 AFOSR68-1117
 ARL 67-0020
 ARL 67-1049
 ARL 67-1051
 ARL 67-1333
 AFOSR68-1637
 AFOSR67-2524
 AFOSR68-2135
 AFOSR67-1615
 AFOSR67-1930
 AFOSR68-1011
 ARL 68-0228
 ARL 67-0053
 ARL 68-0125
 AFOSR68-2264
 AFOSR68-2599
 AFOSR67-1473
 AFOSR68-1284
 AFOSR68-0112
 AFOSR68-0837

GRAVITY

ABSOLUTE GRAVITY MEASUREMENT BY MEANS OF REVERSIBLE PENDULUM APPARATUS FINAL REPORT SEPT 1967
 QUANTUM THEORY OF GRAVITY
 OPTIMUM SMOOTHING OF AERIAL GRAVITY MEASUREMENTS
 SOME REMARKS ON HEAT FLOW AND GRAVITY ANOMALIES
 TECHNIQUES AND COMPUTER PROGRAMS TO COMPUTE GRAVITY FROM IN-FLIGHT MAGNETIC TAPE RECORDINGS FINAL REPORT JUNE 1967
 ORBIT PERTURBATIONS OF ARTIFICIAL EARTH SATELLITES AS FUNCTIONS OF GRAVITY ANOMALIES AND DIFFERENTIAL CORRECTIONS OF
 RESEARCH TOWARD FEASIBILITY OF AN INSTRUMENT FOR MEASURING VERTICAL GRADIENTS OF GRAVITY FINAL REPORT OCT 1967

AFOSR67-0597
 AFOSR68-0840
 AFOSR67-0160
 AFOSR68-1430
 AFOSR67-0522
 AFOSR68-0163
 AFOSR67-0631

GREASE-COPPER

THERMAL CONDUCTIVITY MEASUREMENTS ON NYLON RODS AND NYLON- GREASE-COPPER BOUNDARIES

ARL 68-0253

GREAT
THE GREAT RUMST OF MAY 23 1967
AFTERSHOCKS AND MICROAFTERSHOCKS OF THE GREAT ALASKA EARTHQUAKE OF 1964
AFCL67-0622
AFCL68-0396

GRFAT77
GREATER LOWERING OF URAN AND ADRENAL CATECHOLAMINES IN GROUP-HOUSED THAN IN INDIVIDUALLY-HOUSED WICE ADMINISTERED
HIGH ENERGY INTERACTIONS OF COSMIC RAYS GREATER THAN 1000 SEV OBSERVED AT 9000 M ABOVE SEA LEVEL
AFOSR68-1774
AFOSR68-2860

GREATEST
A METHOD FOR THE COMPUTATION OF THE GREATEST ROOT OF A NONNEGATIVE MATRIX
AFOL 7-0694

GREECE
THE SEISMOTECTONIC REGIME IN GREECE
AFTERSHOCK SEQUENCES OF SOME LARGE EARTHQUAKES IN THE REGION OF GREECE
AFOSR68-0006
AFOSR68-0007

GREEN
GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE
GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE
GREEN EDGE EMISSION BANDS IN CHLORINE-DOPED CADMIUM SULFIDE
HIGHER-ORDER CORRECTIONS TO COLLECTIVE PARTICLE-HOLE EXCITATIONS USING GREEN FUNCTION TECHNIQUES
ARL 67-1284
ARL 68-0999
ARL 68-0300
AFOSR68-1372

GREENLAND
GREENLAND ICE CAP NOISE STUDIES PROJECT BLUE ICE FINAL REPORT JUNE 1968
AFOSR68-1940

GREENS
GREENS FUNCTIONS OF THE RYTOV EQUATION
GREENS THEOREM AND INVARIANT TRANSFORMATIONS
GENERALIZED GREEN MATRICES FOR TWO-POINT BOUNDARY PROBLEMS
SINGLE PARTICLE GREENS FUNCTION FOR A ONE-DIMENSIONAL MANY-FERMION SYSTEM
HADAMARD'S CLASS OF GREENS FUNCTIONS IN REGULARIZED ϕ PLUS ψ THEORY
LINKED CLUSTER THEOREM AND THE GREENS FUNCTION EQUATIONS OF MOTION FOR A MANY-FERMION SYSTEM
DETERMINATION OF THE FIRST DERIVATIVES OF THE DISTURBING POTENTIAL BY GREENS FUNDAMENTAL FORMULA
AFCL68-0029
AFOSR67-1644
AFOSR67-2505
AFOSR68-1468
AFOSR67-0598
AFOSR67-1244
AFCL67-0616

GREY
ON GREY ABSORPTION COEFFICIENTS IN RADIATIVE TRANSFER
RELATIVISTIC ENERGY BAND MODELS FOR GERMANIUM AND GREY TIN
AFOSR67-2044
ARL 68-1407

GRIGOV-POMFRANCHUK
GRIGOV-POMFRANCHUK PRINCS IN SCATTERING AMPLITUDES
AFOSR67-2777

GRID
A MODIFICATION OF THE HOFFMAN-FLEISHER GRID SHOCK SCRAMBLER
AFOSR67-1950

GRIFFITH
A NOTE OF GRIFFITH CRACKS
THE STRESS INTENSITY FACTOR FOR A GRIFFITH CRACK IN AN ELASTIC BODY IN WHICH BODY FORCES ARE ACTING
THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK WHOSE SURFACES ARE LOADED ASYMMETRICALLY
THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK IN AN ELASTIC BODY IN WHICH THERE IS AN ASYMMETRICAL DISTRIBUTION OF
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A GRIFFITH CRACK IN AN ELASTIC SOLID IN WHICH BODY FORCES ARE ACTING
THE DETERMINATION OF THE STRESS INTENSITY FACTORS OF A PAIR OF COPLANAR GRIFFITH CRACKS WHOSE SURFACES ARE LOADED
AFOSR67-1376
AFOSR68-0815
AFOSR68-0853
AFOSR68-0822
AFOSR68-1760
AFOSR68-2146

GRIGNARD
THE ADDITION OF GRIGNARD REAGENTS TO VINYL SILANES
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS II EVIDENCE FOR COMPETITIVE
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS III THE REACTION OF ALKYL
THE ABSOLUTE CONFIGURATION OF METHYL ALLYL SULFOXIDE STEREOCHEMISTRY OF THE GRIGNARD SYNTHESIS OF OPTICALLY ACTIVE
ARL 68-1067
AFOSR67-0706
AFOSR67-0707
AFOSR67-0680

GRINS
GRINS: AN ON-LINE STRUCTURE FOR THE NEGOTIATION OF INQUIRIES FINAL REPORT SEPT 1967
AFOSR68-1337

GROSS
GUIDED WAVES IN BOUNDED MEDIA WITH RANDOM GROSS INHOMOGENEITIES
COSMIC-RAY NEUTRON MONITOR FIELD FUNCTIONS GROSS TRANSFORMATION AND NUCLEONIC COMPONENT MEAN FREE PATHS
AFCL67-0261
AFOSR68-0716

GROSSLY
SHEAR STRENGTH OF TWELVE GROSSLY DEFORMED METALS AT HIGH PRESSURES AND TEMPERATURES
AN ION RESONANCE INSTABILITY IN GROSSLY NON-NEUTRAL PLASMAS
AFCL67-0674
AFOSR68-2082

GROUND
GROUND STATE OF LIQUID HELIUM-III SOLUTIONS FOR MASS 3 AND 4
GROUND STATES OF SIGMA-BONDED MOLECULES I A SEMIRIGIDICAL SCF MO TREATMENT OF HYDROCARBONS
GROUND STATE OF THE FORD MANY-BODY SCATTERING PROBLEM
GROUND STATES OF SIGMA-BONDED MOLECULES II STRAIN ENERGIES OF CYCLOPROPANES AND CYCLOPROPENES
GROUND STATE HYPERFINE SPLITTING OF SINGLY CHARGED HELIUM-3
GROUND STATES OF SIGMA-BONDED MOLECULES III VALENCE-CHARGE AND PI-ELECTRON SCF MO CALCULATIONS FOR CONJUGATED
GROUND STATES OF CONJUGATED MOLECULES, IX, HYDROCARBON RADICALS AND RADICAL IONS
GROUND STATES OF CONJUGATED MOLECULES X 19F NMR CHEMICAL SHIFTS IN ARYL FLUORIDES
GROUND STATE PARITY OF SUPER 227 AC
SYMMETRY OF GROUND STATE IN A DILUTE MAGNETIC METAL ALLOY
EVIDENCE FOR A SINGLE GROUND STATE IN THE MAGNETIC IMPURITY PROBLEM
ELECTRONIC STRUCTURE AND GROUND STATE OF SCANDIUM MONOFLUORIDE
HYPERFINE SPLITTING OF THE GROUND STATE OF LITHIUM
CALCULATIONS OF THE ORBITAL-S GROUND STATE OF THE LITHIUM ATOM USING WAVE FUNCTIONS OF HYLLEBRANDS-TYPE
MOLECULAR ORBITAL STUDIES OF THE GROUND AND LOW-LYING EXCITED STATES OF THE HELIUM HYDRIDE MOLECULAR ION
RADAR RETURN FROM TARGETS HIDDEN BY GROUND CLUTTER
DIFFRACTION AND SCATTERING OF THE ELECTROMAGNETIC GROUND WAVE BY TERRAIN FEATURES
AFOSR67-0738
AFOSR67-1733
AFOSR67-1875
AFOSR67-2227
AFOSR67-2574
AFOSR68-1584
AFOSR68-1596
AFOSR68-1960
ARL 68-0300
AFOSR68-0564
AFOSR67-1876
AFOSR67-1146
AFOSR68-2856
AFOSR68-2570
AFOSR68-2080
AFCL67-0668
AFCL68-0212

GROUND-BASED
DETERMINATION OF PATH RADIANCE FOR DOWNWARD PATH OF SIGHT FROM GROUND-BASED ON LOW-ALTITUDE MEASUREMENT
AFCL68-0394

GROUNDING

NETWORK FUNCTION SYNTHESIS USING NON-LOCAL GROUNDING AMPLIFIERS AND RC ONE-PORTS

AFCL68-0111

GROUNDING

GROUNDING OF CAPACITORS IN INTEGRATED CIRCUITS

AFOSR67-1456

GROUP

GROUP RINGS OVER ORDERING DOMAINS
 GROUP VELOCITY DISPERSION DUE TO PULSE REFLECTION FROM A FREQUENCY-DEPENDENT BOUNDARY IMPEDANCE
 GROUP RINGS OVER ORDERING DOMAINS II
 GROUP THEORETICAL RELATIONSHIPS BETWEEN NAYTON-BAYTON SCATTERING CROSS-SECTIONS
 A GROUP THEORETICAL DERIVATION OF MAXWELL EQUATIONS
 DYNAMICAL GROUP OF A 2×2 FOR HARTONS AND THE BEHAVIOR OF FORM FACTORS
 POSITION IN GROUP ACHIEVEMENT MOTIVATION AND GROUP ASPIRATIONS
 THE CAUSALITY GROUP
 ON THE ORDER OF THE GROUP OF A PLANAR MAP
 IMPLEMENTATION OF LIP GROUP TRANSFORMS OF SPATIAL DATA ON PARALLEL LOGIC ARRAYS
 SKEW-HADAMARD ARELIAN GROUP DIFFERENCE SETS
 CHARGE INVARIANCE AND GROUP TRANSFORMATION PROPERTIES OF THE SCATTERING IN A DYNAMICAL MODEL
 CENTRAL IDEMPOTENTS IN GROUP ALGEBRAS
 THE TWO USES OF NONCOMPACT GROUP IN PARTICLE PHYSICS AND THEIR PHYSICAL APPLICATIONS
 REPORT OF JOINT SATELLITE STUDIES GROUP ANNUAL MEETING OSLO APRIL 1968 FINAL REPORT APR 1968
 A CHARACTERIZATION OF THE MATHEIS GROUP M_{12}
 EFFECTS OF TASK CHARACTERISTICS ON GROUP PRODUCTS
 ON THE INTERPRETATION OF THE FACTOR GROUP SPLITTING IN NAPHTHALENE CRYSTAL
 MAGNETIC AND OPTICAL MEASUREMENTS ON IRON GROUP IMPURITIES IN IIR-VIA COMPOUNDS AT CRYOGENIC TEMPERATURE
 DISCRETE SERIES FOR THE UNIVERSAL COVERING GROUP OF THE 3 PLUS 2 DE SITTER GROUP
 POSITION IN GROUP ACHIEVEMENT MOTIVATION AND GROUP ASPIRATIONS
 REPRESENTATION OF THE THREE-DIMENSIONAL ROTATION GROUP IN TERMS OF DIRECTION AND ANGLE OF ROTATION
 SUMMARY OF PUBLISHED MEASUREMENTS FROM THE ATOMIC BEAM GROUP AT THE UNIVERSITY OF CALIFORNIA FROM APRIL 1964 TO MAY
 UNOBLINDED DERIVATIVES OF PHYCERYTHROMILIN A PROSTHETIC GROUP OF R-PHYCERYTHROMIN
 BONDING STUDIES OF ORGANOMETALLIC COMPOUNDS OF BORON AND B GROUP IV ELEMENTS. PART I. HEATS OF HYDROLYSIS AND BOND
 THE SIZE OF A LONE PAIR OF ELECTRONS EVIDENCE FOR AN AXIAL T-SUTYL GROUP
 CRYSTAL STRUCTURE OF THE MEDITERRANEAN SEA BY SURFACE WAVES PART I GROUP VELOCITY
 DECOMPOSITION THEOREM FOR BOUNDED UNIFORMLY CONTINUOUS FUNCTIONS ON A GROUP
 DISCRETE SERIES FOR THE UNIVERSAL COVERING GROUP OF THE 3 PLUS 2 DE SITTER GROUP
 FREE MASSLESS FIELDS AS INFINITE-DIMENSIONAL REPRESENTATIONS OF THE LORENTZ GROUP
 THE CHEMISTRY OF METALLOGENES I CARBONITRILE ION STABILIZATION BY THE PERFLUOROPHENYL GROUP
 A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS
 A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS II
 INHOMOGENEOUS COMPLETION OF NON-COMPACT SEMISIMPLE GROUPS WITH THE MAXIMAL COMPACT SUBGROUP AS LITTLE GROUP
 THE EFFECTS IN CONTEXT AND OF RATER'S ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP
 THE EFFECTS IN CONTEXT AND OF RATER'S ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP

AFOSR67-0996
 AFOSR67-1762
 AFOSR68-0302
 AFOSR68-0746
 AFOSR68-1074
 AFOSR67-2004
 AFOSR68-1184
 AFOSR68-1217
 AFOSR67-0737
 AFCL68-044J
 AFOSR67-2334
 AFOSR68-1214
 AFOSR67-0699
 AFOSR67-1331
 AFCL68-0280
 AFOSR67-0351
 AFOSR68-1411
 AFOSR67-1671
 APL 67-1203
 AFOSR67-1620
 AFOSR68-1164
 APL 68-0224
 AFOSR67-0661
 AFOSR68-0631
 AFOSR68-1328
 AFOSR67-0023
 AFOSR67-1142
 AFOSR67-0263
 AFOSR67-1620
 AFOSR68-2212
 AFOSR67-1514
 AFOSR67-2724
 AFOSR68-0506
 AFOSR67-0673
 AFOSR67-0073
 AFOSR67-1603

GROUP-THEORETIC

GROUP-THEORETIC APPROACH TO THE RELATIVISTIC THEORY OF SCATTERING

AFOSR68-1263

GROUPS

THREE GROUPS OF SUPERCONDUCTORS
 KLEINIAN GROUPS IN THE PLANE AND IN SPACE (CONTINUED)
 CAUSALITY GROUPS OF S-MATRIX
 TORSION IN LIE GROUPS AND RELATED SPACES
 ON THE HOMOLOGY GROUPS OF STEIN SPACES
 DISTAL FUNCTIONS ON GROUPS
 SOME RESULTS ON FINITE GROUPS WHOSE ORDER CONTAINS A PRIME TO THE FIRST POWER
 ON THE CYCLE INDEX OF A PRODUCT OF PERMUTATION GROUPS
 CHEMICAL SHIFT NON-EQUIVALENCE OF DIASTEREOTOPIC GROUPS IN SULFONIUM SALTS
 UNIFORM DISTRIBUTION IN LOCALLY COMPACT ARELIAN GROUPS
 MATRIX ELEMENTS OF REPRESENTATIONS OF NON-COMPACT GROUPS IN A CONTINUOUS BASIS
 INHOMOGENEOUS COMPLETION OF NON-COMPACT SEMISIMPLE GROUPS WITH THE MAXIMAL COMPACT SUBGROUP AS LITTLE GROUP
 TRANSLATION-INVARIANT DIRICHLET ALGEBRAS ON COMPACT GROUPS
 A THEOREM ON RANDOM FOURIER SERIES ON NONCOMMUTATIVE GROUPS
 SOME OBSERVATIONS ON ENVELOPING ALGEBRAS OF NONCOMPACT GROUPS
 QUANTUM ELECTRODYNAMICS FROM THE POINT OF VIEW OF TOPOLOGICAL GROUPS FINAL REPORT DEC 1966
 CALCULATION OF TRANSITION PROBABILITIES FROM NONCOMPACT DYNAMICAL GROUPS
 CONFORMATIONAL FREE ENERGIES OF THE FORMYL HYDROXYMETHYL AC HYDROXYL GROUPS AS DETERMINED BY THE EQUILIBRATION METHOD
 TRANSITION PROBABILITIES OF THE HYDROGEN ATOM FROM NONCOMPACT DYNAMICAL GROUPS
 CURRENT OPERATORS AND MAJUMDAR EQUATION FOR THE HYDROGEN ATOM FROM DYNAMICAL GROUPS
 ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBONYLS I SPECTROSCOPIC EFFECTS OF METHYL GROUPS AND CORRESPONDING O O RING
 CALCULATION OF RELATIVISTIC TRANSITION PROBABILITIES AND FORM FACTORS FROM NONCOMPACT GROUPS
 BAND RE-ASSIGNMENT FOR ANILINE AND ITS DERIVATIVES THE MIGRATION /SPECTROSCOPIC/ MOMENT OF THE ANILIN GROUPS

AFOSR68-1498
 AFOSR67-2421
 AFOSR 2131
 AFOSR67-0217
 AFOSR67-1938
 AFOSR67-2177
 AFOSR67-0386
 AFOSR68-2036
 AFOSR67-1574
 AFOSR68-2298
 AFOSR68-1152
 AFOSR67-0473
 AFOSR67-0223
 AFOSR67-2110
 AFOSR67-0673
 AFCL67-0027
 AFOSR67-2110
 AFOSR68-2456
 AFOSR67-2001
 AFOSR67-2134
 AFOSR68-1166
 AFOSR67-2188
 APL 67-0222

GROVE

RESEARCH ACTIVITIES AT THE SULPHUR GROVE OBSERVATORY, 1965-1967

APL 67-1008

GROWING

GROWING WAVE AND INSTABILITY CRITERIA FOR HOT PLASMAS
 GROWING WAVE AND INSTABILITY CRITERIA FOR HOT PLASMAS

APL 68-0333
 APL 68-0336

GROWN

THIN FILM SINGLE CRYSTALS GROWN BY VAPOR DEPOSITION IN A SOLAR FURNACE
 ATOMIC-BEAM SCATTERING FROM EPITAXIALLY GROWN GOLD FILMS
 PUMP AND CO INTERACTION WITH ALUMINUM FILMS GROWN ON TA 1110/ 0568

AFOSR67-1139
 AFOSR68-2223
 APL 68-0087

GROWTH

GROWTH AND CHARACTERIZATION OF H-SILICON CARBIDE SINGLE CRYSTALS FINAL REPORT FEB 1967
 GROWTH PROCESSING AND CHARACTERIZATION OF H-SILICON CARBIDE SINGLE CRYSTALS
 GROWTH PROCESSING AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS
 GROWTH OF DISTORTION IN A FINITE-AMPLITUDE SOUND WAVE IN AIR
 GROWTH OF SAMARIUM FURNIUM THULIUM AND YTTERBIUM METAL BY VAPOR DEPOSITION
 GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS FINAL REPORT DEC 1966
 GROWTH OF SODIUM CHLORIDE-POTASSIUM CHLORIDE MIXED CRYSTALS FROM THE MELT
 GROWTH AND DECAY OF DISCONTINUITIES IN FLUIDS WITH INTERNAL STATE VARIABLES
 GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS
 GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS
 GROWTH AND STRUCTURE OF SINGLE-CRYSTAL FILMS FINAL REPORT JULY 1968
 GROWTH AND DECAY PROPERTIES OF SOLUTIONS OF SECOND ORDER ELLIPTIC EQUATIONS
 GROWTH OF 2ND SINGLE CRYSTALS
 GROWTH OF ALUMINUM ON TA1110/

AFCL67-0218
 AFCL67-0557
 AFCL68-0543
 AFOSR67-0480
 AFOSR67-0492
 AFOSR67-0520
 AFOSR67-0825
 AFOSR67-2676
 AFOSR68-0572
 AFOSR68-1789
 AFOSR68-1907
 AFOSR68-1913
 APL 67-0105
 APL 67-1092

GROWTH OF ALUMINUM ON TA 110
 THE GROWTH OF SINGLE CRYSTALS OF THE CHARGE TRANSFER COMPLEXES FINAL REPORT NOV 1967
 THE GROWTH AND ETCHING OF SILICON THROUGH WINDOWS IN SILICON DIOXIDE
 FLUX GROWTH AND CHARACTERIZATION OF BETA GALLIUM SESQUI OXIDE SINGLE CRYSTALS
 ORGAN GROWTH IN THE PUFFER FISH SPHARROIDES MACULATUS
 CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED FERRIC OXIDE BY THE FLUX METHOD AND SEPARATION STUDIES OF IMON
 CRYSTAL GROWTH STUDIES OF THE ALKALI METALS THE RARE EARTHS AND COBALT FINAL REPORT AUG 1967
 CRYSTAL GROWTH AND OPTICAL PROPERTIES OF II-VI MATERIALS
 MICROBIAL GROWTH ON CI COMPOUNDS UPTAKE OF /IASUBC/ FORMALDEHYDE AND /IASUBC/FORMATE BY MECHANISM-GROWN PSEUDOMONAS
 EPITAXIAL GROWTH OF GOLD AND SILVER ON MAGNESIUM DIOXIDE CLEAVED IN ULTRAHIGH VACUUM
 PROCESSING GROWTH AND CHARACTERIZATION OF N-SILICON CARBIDE SINGLE CRYSTALS
 CONTROLLED GROWTH OF TIN DENDRITES
 THE RATE OF GROWTH OF TALL THUNDERSTORMS
 ELECTROLYTIC GROWTH AND PREPARATIONS OF TRANSITION METAL COMPOUND SINGLE CRYSTALS
 NON-DENDRITE GROWTH OF SINGLE CRYSTALS OF TIN
 THE UNBOUNDED GROWTH OF SOLUTIONS OF LINEAR PARABOLIC DIFFERENTIAL EQUATIONS
 VAPOR-SOLVENT GROWTH OF SEMICONDUCTING CRYSTALS FINAL REPORT MAY 1966
 LEED STUDY OF GROWTH OF TIN FILMS ON MO 110
 LEED STUDY OF THE GROWTH OF ALUMINUM FILMS ON THE TA 110X SURFACE
 LANDAU DAMPING AND GROWTH OF ELECTROSTATIC WAVES WITH EFFECTS OF SPATIAL VARIATION
 INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SILICON CARBIDE BY THE TRAVELLING SOLVENT AND OTHER METHODS
 INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SiC BY THE TRAVELLING SOLVENT AND OTHER METHODS FINAL REPORT APR 1968
 CONDENSATION DROPLET GROWTH IN BARRIER GASES
 LATTICE PARAMETERS AND GROWTH CHARACTERISTICS OF SOME II-VI SEMICONDUCTING COMPOUNDS
 MULTIPLE COMPARISONS OF GROWTH CURVES
 MULTIPLE COMPARISONS OF GROWTH CURVES
 HOMOGENEOUS NUCLEATION AND GROWTH OF DROPLETS IN VAPOURS
 AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF CADMIUM SULFIDE SINGLE-CRYSTAL PLATELETS
 AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF II-VI COMPOUND SINGLE CRYSTAL PLATELETS
 SOME OBSERVATIONS OF THE GEL GROWTH OF DOPED AND UNDOPED CALCIUM TARTRATE CRYSTALS
 MULTIPLE COMPARISON TESTS FOR GROWTH CURVES
 RHEOLOGICAL ASPECTS OF THE NERVE GROWTH FACTOR
 HIGH PRESSURE HIGH TEMPERATURE CRYSTAL GROWTH SYSTEM
 LARGE AMPLITUDE STABILIZATION OF FLUX GROWTH
 A STUDY OF SOME FACTORS WHICH INFLUENCE THE GROWTH OF CUPROUS CHLORIDE IN SILICA GEL
 RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS
 RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS FINAL REPORT MAY 1968
 SIMULTANEOUS TEST FOR MULTIPLE COMPARISONS OF GROWTH CURVES FINAL REPORT SEP 1967
 ANALYSIS OF THE MECHANISM OF ACTION OF THE NERVE GROWTH FACTOR
 INVESTIGATION OF THE VARIABLES CONTROLLING THE FLUX GROWTH OF HIGH QUALITY LASER CRYSTALS FINAL REPORT MAR 1967
 LOW-ENERGY ELECTRON DIFFRACTION STUDIES OF EPITAXIAL GROWTH OF SILVER AND GOLD IN ULTRAHIGH VACUUM
 SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MULTI-RESPONSE GROWTH CURVES
 SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MULTI-RESPONSE GROWTH CURVES
 CHOICE BETWEEN AUTOTROPHY AND HETEROTROPHY IN PSEUDOMONAS OXALATICUS GROWTH IN MIXED SUBSTRATES
 THE EFFECTS OF HIGH MAGNETIC FIELDS ON THE ISOTHERMAL DISSOLUTION AND GROWTH RATES OF FERROUS AMMONIUM SULFATE
 SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
 SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
 FORMATION OF CAVITIES AND MICROJETS IN LIQUIDS AND THEIR ROLE IN INITIATION AND GROWTH OF EXPLOSION

GRUNFISEN
 ANHARMONIC CONTRIBUTION TO THE GRUNFISEN PARAMETERS OF SOLID ARGON KRYPTON AND XENON

GUANETHIDINE
 CATECHOLAMINE EXCRETION IN ADRENAL-DEMPULATED RATS EXPOSED TO COLD AFTER CHRONIC GUANETHIDINE TREATMENT

GUANINE
 ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF GUANINE HYDROCHLORIDE DIHYDRATE

GUARDED
 APPARATUS FOR GUARDED POLARIZATION MEASUREMENTS

GUERRILLA
 GUPRILLA COMMUNICATIONS

GUESSING
 WHAT PUPILS AND TEACHERS SHOULD KNOW ABOUT GUESSING
 DECISION-THEORETIC PSYCHOMETRICS THE EFFECT OF GUESSING ON THE QUALITY OF PERSONNEL AND COUNSELING DECISIONS
 DECISION-THEORETIC PSYCHOMETRICS A LOGICAL ANALYSIS OF GUESSING

GUIDE
 CDS AS AN ACOUSTIC WAVE GUIDE
 SOLUTION OF THE DISCONTINUITY PROBLEM BETWEEN AN EMPTY RECTANGULAR WAVEGUIDE AND THE SAME GUIDE COMPLETELY FILLED WITH

GUIDED
 GUIDED WAVES IN ROUND MEDIA WITH RANDOM CROSS INHOMOGENEITIES
 GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART II RELATIVISTIC VELOCITIES
 GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART I NONRELATIVISTIC VELOCITIES
 STUDIES OF GUIDED ELECTROMAGNETIC WAVES IN THE PRESENCE OF AXIALLY NONUNIFORM OR RANDOM PERTURBATIONS
 THE RESOLUTION OF THE THERMODYNAMIC PARADOX AND THE THEORY OF GUIDED WAVE PROPAGATION IN ANISOTROPIC MEDIA
 RADIATION AND RECEPTION OF ELECTROMAGNETIC ENERGY FROM AIRCRAFT AND GUIDED MISSILES FINAL REPORT DEC 1967

GUIDES
 A RESONATOR TECHNIQUE FOR STUDYING DISPERSION IN LONGITUDINALLY MAGNETIZED PLASMA GUIDES

GUIDING
 GUIDING AND SCATTERING OF ELECTROMAGNETIC FIELDS BY CORRUGATED STRUCTURES

GUINEA-PIGS
 DIFFERENCES IN IMMUNE RESPONSE TO SYNTHETIC ANTIGENS IN TWO INBRED STRAINS OF GUINEA-PIGS

GULL
 BENTHARRITAL ANAESTHESIA IN THE HERRING AND LESSER BLACK-BACKED GULL

GUOY
SIMPLE GUOY REGULATOR FOR ON-OFF THERMOSTATIC CONTROL ARL 67-0108

GUSTATORY
GUSTATORY AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL NERVE OF THE RABBIT AND CAT
GUSTATORY AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL NERVE OF THE RAT
PREFERENCE FOR AND NEURAL GUSTATORY RESPONSE TO SODIUM SALTS IN RATS
ANALYSIS OF RESPONSES OF HAMSTER TASTE UNITS TO GUSTATORY AND THERMAL STIMULI AFOSR67-2382
AFOSR67-2384
AFOSR67-2673
AFOSR67-2676

GUTENBERG-RULLEN
PROPAGATION OF DISTURBANCES IN A GUTENBERG-RULLEN A SPHERICAL EARTH MODEL TRAVEL TIMES AND AMPLITUDES OF S WAVES AFCL67-0291

GYMNOTID
ANALYSIS OF DEPOLARIZING AND HYPERPOLARIZING INACTIVATION RESPONSES IN GYMNOTID ELECTROPLAQUES AFOSR67-1490

GYRATOR
GYRATOR AND STATE-VARIABLE RESULTS FOR LINEAR INTEGRATED CIRCUITS
INTEGRATED DIRECT-COUPLED GYRATOR AFOSR68-2504
AFOSR67-1886

GYRO-INTERACTION
ROCKET INSTRUMENTATION FOR THE GYRO-INTERACTION EXPERIMENT - AFOSR68 AE 3 614 AFCL67-0584

HAAS
DE HAAS - VAN ALPHEN SUSCEPTIBILITY MEASUREMENTS ON P-TYPE ANTIMONY TRI-TELLURIDE AFOSR68-0152

HAAS-VAN
LOW-FIELD DE HAAS-VAN ALPHEN STUDY OF THE PERMI SURFACE OF ALUMINUM AFOSR67-1963

HABITUATION
STABILITY AND HABITUATION OF NONSPECIFIC GSHS AFOSR68-2170

HADAMARD
SOME REMARKS ON A PAPER OF PAUL LEVY ON HADAMARD MATRICES AFOSR68-1762

HADAMARDS
HADAMARDS CLASS OF GREENS FUNCTIONS IN REGULARIZED 9 PLUS 4 THEORY AFOSR67-0595

HADRON
NUMERICAL ANALYSIS OF HADRON TOTAL CROSS SECTIONS IN THE QUARK MODEL
EVIDENCE FOR 0/4 2/ ASSIGNMENT OF HADRON LEVELS AFOSR68-1371
AFOSR68-1226

HADRONIC
COUPLED EQUATIONS FOR SCATTERING AMPLITUDES AND HADRONIC CURRENTS AFOSR67-0885

HADRONS
DYNAMICAL THEORY OF HADRONS AND LEPTONS
COMPOSITE MODELS OF HADRONS AND HIGH ENERGY SCATTERING
CONSEQUENCES OF AN APPROXIMATE CY INVARIANCE OF THE PHYSICAL HADRONS AFOSR68-1316
ARL 68-1100
AFOSR67-0271

HAEMOGLOBIN
SPECTRAL DIFFERENCES BETWEEN HAEMOGLOBIN AND ISOLATED HAEMOGLOBIN CHAINS IN THE DEOXYGENATED STATE AFOSR68-2699

HAFNIUM
VOLATILE RARE EARTH, ZIRCONIUM AND HAFNIUM CHELATES OF BETA-DIKETONES
VOLATILE RARE EARTH, ZIRCONIUM, AND HAFNIUM CHELATES OF BETA-DIKETONES ARL 67-1110
ARL 68-1430

HAIL
ALBERTA HAIL STUDIES 1966 AFCL67-0657

HAILSTONES
WIND TUNNEL TESTS OF SIMULATED SPHERICAL HAILSTONES WITH VARIABLE ROUGHNESS AFOSR67-1910

MAKINIS
A NOTE ON A GRAPH THEORETIC GAME OF MAKINIS AFOSR68-0071

HALF
EFFECTIVE DELTA 1 EQUALS ONE HALF RULE IN THE THREE-PIOM DECAYS OF KAONS
PLANE WAVE PROPAGATION IN THE HALF SPACE WITH RANDOM EXCITATION AND COUPLING BETWEEN STRESS AND TEMPERATURE FIELD
SUPERCONVERGENCE AND CURRENT ALGEBRA FOR A SPIN ONE HALF TARGET
STRESS WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC HALF-SPACE SUBJECTED TO IMPULSIVE ELECTROMAGNETIC RADIATION
LOWER CASE N SUBSCRIPT J MIXING IN ORIENTED 4 SUPERScript 2 D SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY COLLISIONS AFOSR67-0120
AFOSR67-0852
AFOSR68-1240
AFOSR67-2483
AFOSR68-1073

HALF-JET
STABILITY OF RELATIVISTIC HALF-JET
STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART II. INVISCID STABILITY OF INCOMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET
STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART I. MAGNETOHYDRODYNAMIC HALF-JET
STABILITY OF A MAGNETOHYDRODYNAMIC HALF-JET III. INVISCID STABILITY OF A COMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET
STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART I. MAGNETOHYDRODYNAMIC HALF-JET
STABILITY OF A MAGNETOHYDRODYNAMIC HALF-JET III. INVISCID STABILITY OF A COMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET
STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART II. INVISCID STABILITY OF INCOMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET AFOSR68-1610
AFOSR68-1581
AFOSR68-1794
AFOSR68-1578
AFOSR68-1794
AFOSR68-1578
AFOSR68-1581

HALF-LIFE
THE HALF-LIFE AND MASS OF 783/71 AFOSR67-2183

HALF-LINE

SINGULAR INTEGRAL OPERATORS ON A HALF-LINE

AFOSR67-1738

HALF-SPACE

TRANSIENT MOTION OF AN ELASTIC HALF-SPACE DUE TO A MOVING SURFACE LINE LOAD
 EPOCHWISE MOTION OF AN ELASTIC HALF-SPACE DUE TO BURIED STATIONARY AND MOVING LINE SOURCES
 THE SURFACE EFFECTS DUE TO BODY FORCES IN THE INTERIOR OF AN ELASTIC HALF-SPACE
 THE FIELD FROM AN SH POINT SOURCE IN A CONTINUOUSLY LAYERED INHOMOGENEOUS HALF-SPACE II THE FIELD IN A HALF-SPACE
 WAVES IN A SEMI-INFINITE PLATE IN SMOOTH CONTACT WITH A HARMONICALLY DISTURBED HALF-SPACE
 THE FIELD FROM AN SH POINT SOURCE IN A CONTINUOUSLY LAYERED INHOMOGENEOUS HALF-SPACE II THE FIELD IN A HALF-SPACE

AFOSR67-0312
 AFOSR68-0888
 AFOSR67-1287
 AFOSR67-0675
 AFOSR68-2255
 AFOSR67-0575

HALF-WIDTH

EVALUATION OF THE HUANG-PHYS FACTOR AND THE HALF-WIDTH OF THE F-BAND IN KCl AND NaCl CRYSTALS

AFOSR68-1132

HALIDE

LIFETIME OF THE TRIPLET π CENTER IN ALKALI HALIDE CRYSTALS
 MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR Y HALIDE AND ACETATE ION CATALYSIS OF THE SOLVOLYSIS OF
 THE PREPARATION OF 1,2 AND 1,3 CIS DIALOXYPROPANEDIAMINE CHROMIUM HALIDE COMPLEXES BY THE THERMAL MATRIX METHOD

AFOSR68-1116
 AFOSR68-0711
 AFOSR67-1597

HALIDES

F AND M TRAPS IN ALKALI HALIDES STUDIED BY MEANS OF PHOTOSTIMULATED THERMOLUMINESCENCE
 ON DIPOLE CENTERS IN ALKALI HALIDES
 ION-MOLECULE REACTIONS IN ALKYL HALIDES
 ION-MOLECULE REACTIONS IN ALKYL HALIDES II. METHYL AND ETHYL BROMIDES
 TRAPPED EXCITON STATES IN THE ALKALI HALIDES
 DETECTION OF MERCURIC CYANIDE AND ALKALI HALIDES IN PRESENCE OF ALKALI CYANIDE
 NUCLEAR SPIN-LATTICE RELAXATION IN ALKALI HALIDES AT LOW TEMPERATURES
 EVIDENCE FOR RESONANT-MODE SIDEBANDS IN ALKALI HALIDES
 EXCITONS AND THE OPTICAL PROPERTIES OF THE ALKALI HALIDES / ABSTRACT ONLY/
 CYCLOTRON RESONANCE OF THE POLARON IN CERTAIN ALKALI HALIDES
 STRONG-COUPLING THEORY OF PARAELECTRIC IMPURITIES IN ALKALI HALIDES
 CONFORMATIONAL ANALYSIS XIV CONFORMATIONAL EQUILIBRIA OF CYCLOHEXYL HALIDES

AFOSR67-1342
 AFOSR68-1458
 ARL 67-1247
 ARL 68-1119
 AFOSR67-1155
 ARL 67-0097
 AFOSR67-1353
 AFOSR67-1445
 AFOSR67-1386
 AFOSR68-0177
 AFOSR67-1060
 AFOSR68-0678

HALL

HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE X-BAND FARADAY ROTATION OF WATER ADSORBED ON HEMOGLOBIN
 HALL EFFECT ION SLIP AND END EFFECTS IN FARADAY GENERATORS
 THE HALL MOBILITY OF ELECTRONS AND HOLES IN HNO₃ AT HIGH TEMPERATURES
 THE HALL MOBILITY OF NIO AT ELEVATED TEMPERATURES
 HIGH HALL COEFFICIENT EXPERIMENTS IN A LARGE DISK GENERATOR
 ANOMALOUS HALL EFFECT AND OTHER RELATED NONLINEAR BULK EFFECTS FINAL REPORT SEPT 1967
 HIGH TEMPERATURE HALL EFFECT IN CUPROUS OXIDE
 HIGH TEMPERATURE HALL MOBILITY TECHNIQUES IN LOW MOBILITY CONDUCTORS
 ACCELERATION PROCESS IN THE HALL CURRENT DEVICE
 APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES
 APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES
 STUDIES ON AN INERT GAS DISK HALL GENERATOR DRIVEN IN A SHOCK TUNNEL
 STUDIES ON AN INERT GAS DISK HALL GENERATOR WITH AN UPSTREAM PRE-IONIZING DISCHARGE
 THEORETICAL ANALYSIS OF A COAXIAL HALL ACCELERATOR
 SINGLE-CRYSTAL STUDIES OF ELECTRICAL CONDUCTIVITY SEEBECK EFFECT AND HALL VOLTAGE IN SODIUM VANADIUM BROMIDE AND A

AFOSR67-2081
 AFOSR68-1307
 ARL 68-0159
 ARL 68-0268
 ARL 68-1192
 AFOSR67-0547
 AFOSR67-1392
 ARL 68-1143
 AFOSR67-2664
 ARL 68-0236
 ARL 68-3331
 ARL 67-1235
 ARL 68-1020
 AFOSR67-2073
 AFOSR68-1474

HALO

THE WEAKNESS OF HELIUM LINES IN GLOBULAR CLUSTER AND HALO B STARS

AFOSR67-0625

HALOCARBENES

HALOMETHYL-METAL COMPOUNDS XVII INSERTION OF HALOCARBENES INTO THE MERCURY-HALOGEN BOND

AFOSR68-2524

HALOGENATED

HALOGENATED ORGANOTIN COMPOUNDS AS C₁ SUB2 TRANSFER AGENTS

AFOSR67-0203

HALOMETHYL

HALOMETHYL METAL COMPOUNDS IX THE REACTION OF PHENYL BROMODICHLOROMETHYL MERCURY WITH ALCOHOLS
 HALOMETHYL METAL COMPOUNDS XIII THE PREPARATION OF GEN-DIFLUOROCYCLOPROPANES BY IODIDE ION INDUCED CF₂ TRANSFER FROM

AFOSR67-0201
 AFOSR67-2680

HALOMETHYL-METAL

HALOMETHYL-METAL COMPOUNDS VII THE REACTION OF PHENYL /BROMODICHLOROMETHYL/ MERCURY WITH CARBOXYLIC ACIDS
 HALOMETHYL-METAL COMPOUNDS VI PHENYL /DIBROMOMETHYL/ MERCURY COMPOUNDS THEIR PREPARATION AND SOME CLEAVAGE REACTIONS
 HALOMETHYL-METAL COMPOUNDS XII THE ACTION OF SODIUM IODIDE ON PHENYL /TRIBROMOMETHYL/ MERCURY COMPOUNDS A NEW METHOD OF
 HALOMETHYL-METAL COMPOUNDS X THE REACTION OF ORGANOSILICON ORGANOGermanium AND ORGANOTIN HYDRIDES WITH
 HALOMETHYL-METAL COMPOUNDS VIII THE REACTION OF PHENYL /TRIBROMOMETHYL/ MERCURY COMPOUNDS WITH HYDROGEN CHLORIDE
 HALOMETHYL-METAL COMPOUNDS XIV THE MECHANISM OF THE PHENYL /BROMODICHLOROMETHYL/ MERCURY-OLEFIN REACTION
 HALOMETHYL-METAL COMPOUNDS XVIII INSERTION OF HALOCARBENES INTO THE MERCURY-HALOGEN BOND
 HALOMETHYL-METAL COMPOUNDS XIX FURTHER STUDIES OF THE ARYL /BROMODICHLOROMETHYL/ MERCURY-OLEFIN REACTION

AFOSR67-0049
 AFOSR67-0111
 AFOSR67-0796
 AFOSR67-1133
 AFOSR67-1295
 AFOSR67-2491
 AFOSR68-2524
 AFOSR68-2805

HALOMETHYLMETAL

HALOMETHYLMETAL COMPOUNDS XVII THE MECHANISM OF DICHLOROCARBENE INSERTION INTO THE SI-H BOND BY THE MERCURIAL ROUTE

AFOSR68-1884

HAMILTON-JACOBI

HAMILTON-JACOBI QUANTIZATION OF GENERAL RELATIVITY
 HAMILTON-JACOBI VERSION OF GENERAL RELATIVITY
 ON THE HAMILTON-JACOBI EQUATION OF DIFFERENTIAL GAMES

AFOSR67-1021
 AFOSR68-1976
 AFOSR68-1827

HAMILTONIAN

GENERATION OF ALL HAMILTONIAN CIRCUITS PATHS AND CENTERS OF A GRAPH AND RELATED CIRCUITS
 THE EFFECTIVE SUPERCONDUCTING HAMILTONIAN FOR ALLOYS WITH MAGNETIC IMPURITIES
 ON CONSTRUCTING FORMAL INTEGRALS OF A HAMILTONIAN SYSTEM NEAR AN EQUILIBRIUM POINT
 BOUND STATES OF A RELATIVISTIC TWO-BODY HAMILTONIAN COMPARISON WITH THE BETHE-SALPETER EQUATION
 TWO-POINT BOUNDARY VALUE PROBLEMS OF LINEAR HAMILTONIAN SYSTEMS
 BIRKHOFF NORMALIZATION PRICESS PROGRAM FOR TIME-DEPENDENT HAMILTONIAN SYSTEMS
 BIRKHOFF NORMALIZATION PRICESS PROGRAM FOR TIME-INDEPENDENT HAMILTONIAN SYSTEMS
 NOTES TOWARD THE CONSTRUCTION OF NONLINEAR RELATIVISTIC QUANTUM FIELDS I THE HAMILTONIAN IN TWO SPACE-TIME DIMENSIONS

AFOSR67-1727
 AFOSR68-0906
 AFOSR67-0136
 AFOSR67-1002
 AFOSR68-0363
 AFOSR68-0875
 AFOSR67-0123
 AFOSR68-1386

HANSTEN

ANALYSIS OF RESPONSES OF HANSTEN TASTE UNITS TO GUSTATORY AND THERMAL STIMULI

AFOSR67-2626

| | |
|---|---|
| HAND-FAR | |
| COMPENSATION FOR AUDITORY RE-ARRANGEMENT IN HAND-EAR COORDINATION | AFOSR67-1725 |
| HAND-PRINTED | |
| A HAND-PRINTED CHARACTER RECOGNITION EXPERIMENT | AFOSR67-2123 |
| HANDBOOK | |
| MOLTEN SALTS HANDBOOK | AFOSR67-2706 |
| HANKEL | |
| HANKEL FORMS TOEPLITZ FORMS AND HERMIONIC FUNCTIONS ON THE SPECTRA OF BOUNDED HERMITIAN HANKEL MATRICES | AFOSR68-2572
AFOSR68-2039 |
| HAPTEN | |
| IMMUNOGENICITY OF HAPTEN CONJUGATES OF POLY-D-TYROSINE | AFOSR68-0537 |
| HAPTIC | |
| INTERMODAL EFFECT UPON HAPTIC JUDGMENTS OF DISTANCE | AFOSR67-2109 |
| HARD | |
| DETECTION OF HARD X-RADIATION FROM VIRGO
APPROACH TO THE N-BODY PROBLEM WITH HARD SPHERE INTERACTION APPLIED TO THE COLLISION DOMAINS OF THREE BODIES
THE FORMATION OF THE MACROVORTEX STRUCTURE IN HARD SUPERCONDUCTORS
DIRECT EVIDENCE OF PERSISTENT CURRENT LOOPS IN HARD SUPERCONDUCTING VIRGO
OFF-ENERGY-SHELL T-MATRIX ELEMENTS FOR LOCAL POTENTIALS CONTAINING HARD CONES
TEMP. EVOLUTION OF THE TOTAL DISTRIBUTION FUNCTION OF A ONE-DIMENSIONAL SYSTEM OF HARD RODS
DIFFERENTIATION OF FILM THICKNESS OF CADMIUM SULFIDE USE IN ENERGY CONVERSION WITH SOFT AND HARD X-RAY | AFOSR68-1151
AFOSR67-0087
AFOSR67-2250
AFOSR67-0693
AFOSR68-2273
AFOSR68-2566
ARL 67-1263 |
| HARD-ROLLED | |
| GRIGN OF CONSTRICTED MAGNETIZATION LOOPS IN HARD-ROLLED NICKEL AT LOW TEMPERATURES | AFOSR68-0166 |
| HARD-SPHERE | |
| QUANTUM HARD-SPHERE GAS IN T.M. LIMIT OF HIGH DENSITIES WITH APPLICATION TO SOLIDIFIED LIGHT GASES
POINT TRANSFORMATIONS AND THE HARD-SPHERE BOSE GAS | AFOSR67-1667
AFOSR68-2474 |
| HARDENED | |
| RADIATION HARDENED SILICON POWER TRANSISTORS
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS FINAL REPORT JULY 1968 | AFOSR68-0432
AFOSR67-0587
AFOSR67-0684
AFOSR68-0167
AFOSR68-0372
AFOSR68-0465 |
| HARDENING | |
| STAGE II WORK HARDENING IN CRYSTALS
MECHANISMS OF FATIGUE HARDENING IN COPPER SINGLE CRYSTALS
INVESTIGATION OF LASER RADIATION SIMULATION FOR MICROELECTRONIC DEVICE HARDENING FINAL REPORT JAN 1967 | AFOSR67-1158
AFOSR67-0203
AFOSR67-0102 |
| HARDNESS | |
| SUPERCONDUCTIVITY AND HARDNESS | AFOSR67-2746 |
| HARDWARE | |
| GAGING PERFORMANCE COSTS OF CONTROL LOOP HARDWARE | AFOSR68-2784 |
| HARENGUS | |
| MORPHOLOGICAL ASPECTS ON THE HYDROSTATIC FUNCTION OF THE GAS BLADDER OF CLUPCA HARENGUS L | AFOSR67-2271 |
| HARESTUA | |
| THE TOWER TELESCOPE OF THE U.S. SOLAR OBSERVATORY HARESTUA | AFOSR68-0022 |
| HARMONIC | |
| HARMONIC GENERATION IN ANTIFERROMAGNETIC RESONANCE
HARMONIC GENERATION AT MICROWAVE FREQUENCIES
HARMONIC AND NULL DESCRIPTIONS OF GRAVITATIONAL RADIATION
ON HOMOGENEOUS HARMONIC MAPS
ON HOMOGENEOUS HARMONIC MAPS
PROPERTIES OF A HARMONIC CRYSTAL IN A STATIONARY NONEQUILIBRIUM STATE
EXPERIMENTAL INVESTIGATION OF HARMONIC ION CYCLOTRON WAVE PROPAGATION AND ATTENUATION
SPHERICAL CAPS AND RANDOM VALUED HARMONIC FUNCTIONS
ON A CLASS OF PERTURBATIONS OF THE HARMONIC OSCILLATOR
ON A SUBCLASS OF THREE-DIMENSIONAL HARMONIC FUNCTIONS DEFINED BY THE BERGMAN-WHITTAKER OPERATOR
DETECTION OF SUBMILLIMETER WAVES BY HARMONIC MIXING
SINGULAR BEHAVIOR OF ZONAL HYPERSPHERICAL HARMONIC SERIES
QUADRATIC CONSTANTS OF THE MOTION FOR THE CLASSICAL HARMONIC OSCILLATOR
A FURTHER ADIABATIC INVARIANCE OF THE ACTION INTEGRAL FOR THE HARMONIC OSCILLATOR
A STUDY OF THE SOLUTIONS OF ONE-DIMENSIONAL VLASOV-POISSON EQUATIONS FOR HARMONIC TIME DEPENDENCE AND EXTERNAL
NON-EQUILIBRIUM SOLUTIONS FOR THE RADIATIVE DECAY OF A SYSTEM OF OSCILLATORS HARMONIC AND ANHARMONIC
JULY RADAR SIGNATURE ANALYSIS BASED ON MEASURED DIFFERENTIAL PHASE SHIFTS OF TARGET SCATTERING AT TWO HARMONIC | AFOSR67-0254
AFOSR67-0007
ARL 68-0125
AFOSR67-2127
AFOSR68-2562
AFOSR67-2618
AFOSR67-1364
AFOSR68-1739
AFOSR68-1997
AFOSR68-2594
AFOSR67-0402
AFOSR68-0939
AFOSR67-0115
AFOSR68-1003
AFOSR68-0226
AFOSR67-0496
AFOSR67-0476 |
| HARMONICALLY | |
| WAVES IN A SEMI-INFINITE PLATE IN SMOOTH CONTACT WITH A HARMONICALLY DISTURBED HALF-SPACE | AFOSR68-2255 |
| HARMONICS | |
| SPURIOUS SECOND HARMONICS FROM MODULATED LANGMUIR PROBES
CALCULATION OF TIDAL HARMONICS WITHOUT RECOURSE TO ELLIPTIC INTEGRALS
PLASMA HEATING AND WAVE PROPAGATION AT HARMONICS OF THE ION CYCLOTRON FREQUENCY
RADIAL EXPANSION OF SCREENED COULOMB POTENTIALS HELMHOLTZ SOLID HARMONICS AND THEIR ADDITION THEOREMS
HIGH POWER RF PLASMA HEATING AND WAVE PROPAGATION NEAR THE FUNDAMENTAL AND HARMONICS OF THE ION CYCLOTRON FREQUENCY | AFOSR67-0323
ARL 67-1275
AFOSR67-2496
AFOSR67-1243
AFOSR67-0229 |

MARRIS

MARKOV CHAINS RECURRENT IN THE SENSE OF MARRIS

AFOSR67-1860

MARTREE-POCK

MARTREE-POCK APPROXIMATION TO THE HEISENBERG ANTIFERROMAGNET
TABLE OF MARTREE-POCK SELF CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT III FINAL REPORT JAN 1967
TABLE OF MARTREE-POCK SELF CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT IV FINAL REPORT FEB 1968
OPEN-SHELL MARTREE-POCK MOLECULAR ORBITAL THEORY OF TRANSITION METAL ION COMPLEXES /KNIPSUB3/ POTASSIUM NICKEL FLUORIDE
THE SPIN POLARIZED MARTREE-POCK METHOD AND THE CONTRIBUTION OF CORE POLARIZATION TO HYPERFINE FIELDS OF AD IONS
CORE REARRANGEMENT AND MARTREE-POCK IONIZATION ENERGIES
EQUIVALENCE RESTRICTIONS AND THE BRILLOUIN CONDITION FOR MARTREE-POCK WAVE FUNCTIONS

AFOSR67-1267
ARL 67-0014
ARL 68-0028
AFOSR67-1633
AFOSR67-1162
AFOSR67-2770
AFOSR68-0950

HAUSDORFF

FELIX HAUSDORFF IN MEMORIAM THE MATHEMATICAL WORK OF F HAUSDORFF /GERMAN/
ON THE RELATION BETWEEN HAUSDORFF DIMENSION AND METRIC DIMENSION
MONOTONIC FUNCTIONS AND HAUSDORFF DIMENSION
FELIX HAUSDORFF IN MEMORIAM THE MATHEMATICAL WORK OF F HAUSDORFF /GERMAN/

AFOSR67-0873
AFOSR68-0427
AFOSR67-1369
AFOSR67-0873

HAZARDS

HAZARDS IN COMBINATIONAL AND SEQUENTIAL SWITCHING CIRCUITS A SURVEY
LOGIC HAZARDS IN THRESHOLD NETWORKS
A HANDBOOK OF HAZARDS FOR LINGUISTS FINAL REPORT APRIL 1967

AFOSR68-0370
AFOSR68-1607
AFOSR67-0770

HAZE

THE EFFECT OF HAZE UPON UNKERR MEASUREMENTS
RADIANCE AND POLARIZATION OF MULTIPLE SCATTERED LIGHT FROM HAZE AND CLOUDS

AFOSR67-0367
AFOSR67-0570

HAZY

COMPARISON OF ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR MODEL CLEAR AND HAZY ATMOSPHERES

AFOSR68-0480

HE-NE

DYNAMICS OF OPTICAL MIXING IN A HE-NE LASER
DISPERSSION EFFECTS IN A HIGH GAIN 3.39U HE-NE LASER APPLICATION TO THE LASER HETERODYNE MEASUREMENT OF PLASMA DENSITY
THE RADIAL PROFILE OF NEON IS METASTABLE IN A HE-NE LASER AND THEIR LENS EFFECT ON LASING AT 6401A

ARL 68-0033
ARL 68-0135
ARL 68-1444

HEAD

AUDITORY DIRECTION AND HEAD ROTATION

AFOSR67-1910

HEAR

ONE CAN HEAR WHETHER A DRUM HAS FINITE AREA

AFOSR67-1602

HEARN-GERASIMOV

FORWARD COMPTON SCATTERING AT HIGH ENERGY AND THE DRILL-HEARN-GERASIMOV SUM RULE

AFOSR68-0140

HEART

HEART RATE RESPONSE TO SOUND AND LIGHT
UPTAKE OF NORADRENALINE IN THE ISOLATED PERFUSED RAT HEART AFTER DEPLETION WITH DECARBORANE

AFOSR68-2167
AFOSR68-2724

HEAT

HEAT CAPACITY OF ALPHA URANIUM AT A PRESSURE OF 10 KBAR BETWEEN 0.3 AND 4 DEGREES K
HEAT FLOW IN A SUPERCONDUCTOR IN THE VORTEX STATE
HEAT FLOW BETWEEN NORMAL AND SUPERCONDUCTING REGIONS
HEAT TRANSFER AND PRESSURE DROP IN TAPF GENERATED SPIRAL FLOW
HEAT OF FORMATION AND TRANSITION TEMPERATURES OF SOLID LITHIUM HEXAFLUOROALUMINATE
HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS II EXPERIMENTAL RESULTS AND COMPARISON WITH THEORY
HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS I THEORY FOR VARIABLE PROPERTY FLOW
HEAT OF FORMATION OF ALUMINUM CHLORIDE
HEAT CAPACITY IN THE CRITICAL REGION OF KRYPTON
HEAT TRANSFER ON MINOR FLOW IN THE ENTRANCE REGION OF A FLAT DUCT
HEAT TRANSFER OFLOW 0.2 DEGREES K
HEAT PRODUCTION IN A CARDIAC CONTRACTION
HEAT TREATMENT EFFECTS ON SOME PHYSICAL PROPERTIES OF METALLIC SINGLE CRYSTALS
HEAT CONDUCTION IN A BOUNDED ANISOTROPIC MEDIUM
HEAT TRANSFER RATE MEASUREMENTS IN A LOW DENSITY HYPERVELOC STREAM OF ARGON
HEAT TRANSFER IN CYLINDRICAL PIPES WITH FULLY ESTABLISHED TURBULENT FLOW AND EXPOSED TO A UNIFORM TEMPERATURE
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS
HEAT TRANSFER AND RELATED SUPERSONIC FLOW STRUCTURE FOR AERODYNAMIC REARWARD-FACING SURFACE STEPS
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS FINAL REPORT JAN 1968
HEAT TRANSFER IN THE LAMINAR SUPERSONIC SEPARATED FLOW BEHIND AN AXISYMMETRICAL BACKWARD FACING STEP
HEAT TRANSFER FROM A CIRCULAR CYLINDER BY ACOUSTIC STREAMING
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS
THE HEAT OF FORMATION OF BORON TRIFLUORIDE BY DIRECT COMBINATION OF THE ELEMENTS
THE HEAT OF FORMATION OF BORON CARBIDE
LOW HEAT FLUX MEASUREMENTS IN HYPERSONIC WIND TUNNELS
LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL BLUNT BASE FROM THE HIGH ENTHALPY FLOW IN THE SHOCK TUBE
LAMINAR HEAT TRANSFER TO A TWO DIMENSIONAL BLUNT FLAT NOSED BODY IN TRANSONIC AND SUPERSONIC FLOW
SPECIFIC HEAT OF GOLD-FOUR VANADIUM
SPECIFIC HEAT RATIOS AND ISENTROPIC EXPONENTS FOR CONSTANT VOLUME COMBUSTION OF STOICHIOMETRIC MIXTURES OF HYDROGEN-
FLOW AND HEAT TRANSFER PHENOMENA OF PLASMA ARCS MAGNETICALLY BALANCED IN A CROSS FLOW
EFFECT OF HEAT TREATMENT ON THE RESISTIVITY OF BETA-BRASS
RADIATIVE HEAT TRANSFER IN ABSORBING, EMITTING AND SCATTERING MEDIA
NON-LINEAR HEAT TRANSFER BETWEEN TWO PARALLEL PLATES ACCORDING TO A MODEL WITH CORRECT PRANDTL NUMBER
ACTIVATION HEAT IN FROG SARTORIUS MUSCLE
TRANSPORT OF HEAT IN A TYPE I SUPERCONDUCTOR BY A MOVING MAGNET
MOMENTUM AND HEAT TRANSFER IN LAMINAR FLOW OF GAS WITH LIQUID DROPLET SUSPENSION OVER A CIRCULAR CYLINDER
HIGH PRESSURE HEAT EXCHANGER
ENHANCEMENT OF HEAT AND MASS TRANSFER IN A STAGNATION REGION BY FREE STREAM VORTICITY
SOME REMARKS ON HEAT FLOW AND GRAVITY ANOMALIES
THE TRANSFER OF HEAT ACROSS A TWO-DIMENSIONAL OSCILLATING BOUNDARY LAYER
KINETIC THEORY OF HEAT TRANSFER FOR A GAS WITH INTERNAL DEGREES OF FREEDOM
ON THE PROBLEM OF HEAT CONDUCTION IN A CONTINUOUS CYLINDER FINAL REPORT APRIL 1967
INFRARED RADIATIVE HEAT TRANSFER IN NONGRAY GASES
RESEARCH ON PLASMA HEAT TRANSFER FINAL REPORT MARCH 1967
THE FLOW FIELD AND HEAT TRANSFER DOWNSTREAM OF A REARWARD FACING STEP IN SUPERSONIC FLOW FINAL REPORT MARCH 1967
INFRARED RADIATIVE HEAT TRANSFER IN NON-GRAY GASES
VISCIOUS EFFECTS AND HEAT TRANSFER IN SEPARATED FLOWS

AFOSR67-0160
AFOSR67-0746
AFOSR67-1056
AFOSR67-1959
AFOSR67-1984
AFOSR67-2061
AFOSR67-2065
AFOSR67-2638
AFOSR68-0391
AFOSR68-0720
AFOSR68-1461
AFOSR68-1697
AFOSR68-1718
AFOSR68-1735
AFOSR68-2640
ARL 67-0039
ARL 67-1214
ARL 67-1279
ARL 68-0004
ARL 68-0718
ARL 68-0334
ARL 68-1109
AFOSR67-2017
AFOSR68-1716
ARL 67-1197
ARL 67-1121
ARL 68-0014
AFOSR68-0562
ARL 67-0017
ARL 67-1315
AFOSR68-0806
ARL 67-3218
AFOSR67-1914
AFOSR68-1486
AFOSR68-1448
ARL 67-0288
ARL 68-0307
ARL 68-0022
AFOSR68-1430
ARL 67-0299
AFOSR67-1934
ARL 67-0018
ARL 67-0015
ARL 67-0043
ARL 68-0353
AFOSR68-1357

LOW-TEMPERATURE SPECIFIC HEAT OF ANTIMONY
 LOW-TEMPERATURE SPECIFIC HEAT OF ARSENIC
 LOW-TEMPERATURE SPECIFIC HEAT OF DILUTE MAGNETIC ALLOYS
 LOW-TEMPERATURE SPECIFIC HEAT OF EUROPIUM SELENIDE
 LAMINAR AND TRANSITIONAL HEAT TRANSFER IN THE TWO DIMENSIONAL SEPARATED FLOW BEHIND A SHARP PROTRUDING LEADING EDGE
 ELECTRIC ARC ATTACHMENT, HEAT TRANSFER, AND ELECTRODE EROSION OF HIGH CURRENT ARCS DRIVEN MAGNETICALLY OVER METAL
 LOW-TEMPERATURE SPECIFIC HEAT OF CDS MN
 LOW-TEMPERATURE SPECIFIC HEAT OF CDS 0.45 PERCENT MN
 THE LOW-TEMPERATURE SPECIFIC HEAT OF EUROPIUM SULFIDE IN A MAGNETIC FIELD
 A FREE BOUNDARY PROBLEM FOR THE HEAT EQUATION WITH PRESCRIBED FLUX AT BOTH FIXED FACE AND MELTING INTERFACE
 THE EFFECT OF MASS INJECTION ON HEAT TRANSFER FROM A PARTIALLY DISSOCIATED GAS STREAM
 SHAPE DEPENDENCE OF THE SPECIFIC HEAT OF MAGNETIC SYSTEMS WITH LONG-RANGE INTERACTIONS
 AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A HIGHLY COOLED TURBULENT BOUNDARY LAYER
 AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A HIGHLY COOLED TURBULENT BOUNDARY LAYER
 LOW-TEMPERATURE MAGNETIC SPECIFIC HEAT OF NICKEL
 THE UNIQUENESS OF SOLUTIONS OF THE HEAT EQUATION IN AN INFINITE STRIP
 KINETIC DESCRIPTION OF CYLINDRICAL HEAT CONDUCTION IN A POLYATOMIC GAS
 EFFECTS OF SOUND AND VIBRATIONS ON HEAT TRANSFER
 PRELIMINARY ANALYTICAL EXPLORATIONS OF HEAT TRANSFER FROM BOUNDARY LAYERS CONTAINING STREAMWISE VORTICES. FINAL REPORT
 THE VAPOR PRESSURE VAPOR DIMERIZATION AND HEAT OF SUBLIMATION OF ALUMINUM FLUORIDE USING THE ENTRAINMENT METHOD
 AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
 AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
 STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS.
 SHOCK-TUBE MEASUREMENTS OF END-WALL RADIATIVE HEAT TRANSFER IN AIR
 SIMPLIFIED VARIATIONAL AND PHYSICAL ANALYSIS OF HEAT TRANSFER IN LAMINAR AND TURBULENT FLOW
 EQUIPESSENCE AND CONSTITUTIVE EQUATIONS FOR RIGID HEAT CONDUCTORS
 BOUNDARY VALUE PROBLEMS FOR WEDGES AND CONES UNDER HEAT CONDUCTION
 FURTHER STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS FINAL REPORT JULY 1968
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 COOLED PROBE DIAGNOSTICS OF DENSE PLASMA MIXING AND HEAT TRANSFER PROCESSES
 COMPLEMENTARY FORMS OF THE VARIATIONAL PRINCIPLE FOR HEAT CONDUCTION AND CONVECTION
 CALIBRATION OF THIN FILM RESISTANCE THERMISTERS FOR HEAT FLUX MEASUREMENTS IN THE SHOCK TUBE
 SPECIAL REVIEW PART I PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH
 SPECIAL REVIEW PART II PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH
 EXPANSIONS IN TERMS OF THE HOMOGENEOUS SOLUTIONS OF THE HEAT EQUATION
 EVIDENCE FOR ANTIFERROMAGNETIC EXCHANGE IN THE SPECIFIC HEAT OF CDS MN AT 4.2 DEGREES K
 CONSTANT PRESSURE FLAME CALORIMETRY WITH FLUORINE II THE HEAT OF FORMATION OF OXYGEN DIFLUORIDE
 AMMONIUM PERCHLORATE-BASED PROPELLANT IGNITION BY LOW-CONVECTIVE HEAT FLUXES
 SIMILARITY SOLUTIONS FOR THE COMPRESSIBLE LAMINAR BOUNDARY LAYER WITH HEAT AND MASS TRANSFER
 SIMILARITY SOLUTIONS FOR THE RETARDED COMPRESSIBLE BOUNDARY LAYER WITH HEAT AND MASS TRANSFER FINAL REPORT MARCH 1967
 PROXIMITY EFFECTS IN EUTECTIC ALLOYS TRANSITION TEMPERATURE AND SPECIFIC HEAT
 EQUILIBRIUM AIR STAGNATION POINT BOUNDARY-LAYER CALCULATIONS USING A VARIABLE HEAT OF DISSOCIATION MODEL
 A METHOD FOR THE SOLUTION OF STOCHASTIC PHENOMENA IN LINEAR THERMOPLASTICITY AND HEAT CONDUCTION
 COMPRESSIBLE LAMINAR MAGNETOHYDRODYNAMIC BOUNDARY LAYER FLOW INSIDE A FLAT DUCT WITH HEAT TRANSFER

HEATED

THE ARC HEATED THERMAL JET ENGINE FINAL REPORT MAR 1968
 DEVELOPMENT OF A HEATED SHOCK TUBE FINAL REPORT SEPT 1967
 RADIATION STUDIES OF ARC HEATED NITROGEN, OXYGEN, AND ARGON PLASMAS FINAL REPORT MAY 1968
 IONIZED MERCURY GAS IN THE HEATED SHOCK TUBE THE MEASUREMENT OF RELAXATION TIMES AND ABSOLUTE INTENSITIES FINAL REPORT
 ELECTRICAL CONDUCTION FROM A LAMINAR ARC HEATED FLOW TO A COOLED CYLINDRICAL ANODE FINAL REPORT JULY 1967
 APPLICATION OF THE DIFFERENTIAL INTERFEROMETER TO ARC-HEATED PLASMAS
 EXPERIMENTS ON SCATTERING OF MONO-ENERGETIC ARGON BEAMS BY HEATED PLATINUM
 TIME OF FLIGHT MEASUREMENTS IN AN ARGON BEAM DEFLECTED BY A HEATED PLATINUM TARGET

HEATER

GAS HEATER
 A NEW CONCEPT IN HEATER DESIGN
 THE ARL CORED BRICK STORAGE HEATER
 CHARACTERISTICS OF A HIGH PRESSURE A.C. ARC HEATER SYSTEM. FINAL REPORT DEC 1967
 ANALYSIS AND DESIGN OF A HIGH PRESSURE A.C. ARC HEATER. FINAL REPORT DEC 1967
 TRANSPIRATION COOLING OF A CONSTRICTED ELECTRIC-ARC HEATER

HEATERS

RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
 RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
 PULSF TECHNIQUE FEASIBILITY STUDY ON MULTIMEGAWATT HF GAS HEATERS AND RESEARCH ON ELECTRODELESS DISCHARGES AT HIGH
 IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS
 RARE EARTH IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS
 RARE EARTH STABILIZED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS

HEATING

PLASMA HEATING AND WAVE PROPAGATION AT HARMONICS OF THE ION CYCLOTRON FREQUENCY
 PLASMA HEATING BY STRONG SHOCK WAVES
 LASER FLASH HEATING TECHNIQUES FOR ATOMIC ABSORPTION SPECTROSCOPY
 ROTATION AND HEATING OF THE PLANET MERCURY
 ELECTRIC FIELD HEATING OF D-REGION ELECTRONS
 HIGH POWER RF PLASMA HEATING AND WAVE PROPAGATION NEAR THE FUNDAMENTAL AND HARMONICS OF THE ION CYCLOTRON FREQUENCY
 COLED PROPELLANT IGNITION BY CONVECTIVE HEATING FINAL REPORT OCT 1968
 A STRATOSPHERIC GENERAL CIRCULATION EXPERIMENT INCORPORATING DIABATIC HEATING AND OZONE PHOTOCHEMISTRY
 EVALUATION OF FARADAY SHIELDED SIX COILS FOR ION CYCLOTRON RESONANCE HEATING OF PLASMA
 NUMERICAL EXPERIMENTS WITH A VERTICALLY PARAMETERIZED MODEL DESIGNED TO STUDY THE EFFECTS OF HIGH-LEVEL HEATING ON THE

HEATS

HEATS OF FORMATION OF A-ALPHA-BERYLLIUM CHLORIDE AND A-ALPHA AND B-BERYLLIUM NITRIDE
 HEATS OF FORMATION OF THE FLUOBORATES OF LITHIUM SODIUM AND POTASSIUM
 HEATS OF FORMATION OF BORON NITRIDE AND BORON FLUORIDE
 HEATS OF FORMATION OF ALUMINUM DIBORIDE AND ALPHA-ALUMINUM DODECABORIDE
 THE HEATS OF COMBUSTION OF POLYTETRAFLUOROETHYLENE (TEFLON) AND GRAPHITE IN ELEMENTAL FLUORIDE
 THE HEATS OF FORMATION OF THE CARBIDES OF ALUMINUM AND BERYLLIUM
 IONIC HEATS OF TRANSPORT IN INFINITE DILUTE AQUEOUS SOLUTIONS
 VAPOR PRESSURES, HEATS OF VAPORIZATION, AND HEATS OF SUBLIMATION OF VOLATILE LANTHANIDE CHELATES
 STATISTICAL ASPECTS OF SECOND AND THIRD LAW HEATS
 VAPOR PRESSURES, HEATS OF VAPORIZATION, AND HEATS OF SUBLIMATION OF VOLATILE LANTHANIDE CHELATES
 BONDING STUDIES OF ORGANOMETALLIC COMPOUNDS OF BORON AND E GROUP IV ELEMENTS. PART I. HEATS OF HYDROLYSIS AND BOND

HEAVIER

AXIAL MAGNETIC ANISOTROPY IN THE HEAVIER RARE EARTH SODIUM MOLYBDATE

HEAVIER - CONTINUED

| | |
|---|--------------|
| MAGNETIC SUSCEPTIBILITIES OF THE HEAVIER RARE EARTH SODIUM MOLYBDATE | AFOSR60-2743 |
| HEAVILY | |
| HEAVILY DOPED SILICON AS A LOW TEMPERATURE TRANSMISSION FILTER FOR THE FAR INFRARED | AFOSR67-1343 |
| HEAVY | |
| LOW ENERGY HEAVY PRIMARY PARTICLES IN COSMIC RADIATION | AFOSR67-1285 |
| ISOBARIC ANALOG STATES IN HEAVY NUCLEI V RESONANCES IN Zr-90 FROM PROTON INELASTIC SCATTERING | AFOSR67-1296 |
| THE IN-FLIGHT DEPLOYMENT OF HEAVY PAYLOAD TRAINS BENEATH ASCENDING HIGH-ALTITUDE BALLOONS | AFOSR67-0634 |
| ISOBARIC ANALOGUE STATES IN HEAVY NUCLEI IV SAMARIUM ISOTOPES | AFOSR67-2193 |
| RESONANCE EFFECTS IN THE FISSION OF HEAVY ELEMENTS BY MEDIUM-ENERGY PROTONS | AFOSR67-0496 |
| ON A NEW SOURCE OF HIGHLY STRIPPED HEAVY IONS | AFOSR68-0348 |
| THE THERMAL DECOMPOSITION OF ORGANOMETALLIC HEAVY METAL TRIHALOACETATES IN THE PRESENCE OF OLEFINS | AFOSR68-1911 |
| THERMAL DIFFUSION OF ELECTROLYTES IN ORDINARY AND HEAVY WATER | ARL 67-0093 |
| HEIGHT | |
| HEIGHT DETERMINATION OF RADAR ECHOES FROM METEOR TRAILS | AFOSR67-0108 |
| A METHOD FOR THE ANALYSIS OF PULSE HEIGHT SPECTRA | ARL 67-0085 |
| VARIABLE-WIDTH GATE FOR KERN-RONN PULSE HEIGHT DETECTOR | AFOSR68-0010 |
| ATMOSPHERIC TIDAL MOTION IN THE 90 TO 120 KILOMETER HEIGHT REGION | AFOSR68-0309 |
| DIGITAL TECHNIQUE FOR RECORDING TIME DEPENDENT SPECTRA BY TIME TO PULSE HEIGHT CONVERSION PART A FINAL REPORT APRIL | AFOSR67-2784 |
| HEIGHTS | |
| RELATIVE HEIGHTS OF PHOTOGRAPHIC FEATURES OF THE MOON FINAL REPORT NOV 1967 | AFOSR68-0073 |
| HEISENBERG | |
| HARTREE-FOCK APPROXIMATION TO THE HEISENBERG ANTIFERROMAGNET | AFOSR67-1207 |
| SOME THERMODYNAMIC PROPERTIES OF A SEMI-INFINITE HEISENBERG FERROMAGNET | AFOSR68-0934 |
| HELD | |
| AN ELECTRIC ARC HELD STATIONARY BY A MAGNETIC FIELD IN A UNIFORM FLOW THEORY FOR LOW REYNOLDS NUMBER FLOW | ARL 68-0025 |
| DYNAMICS OF FLUIDS AND PLASMAS-SYMPOSIUM HELD IN HONOR OF PROFESSOR J M BURGERS UNIVERSITY OF MARYLAND OCTOBER 7-9 | AFOSR67-0939 |
| HELICAL | |
| THE HELICAL ANTENNA AND ITS PROBLEMS | AFOSR67-0358 |
| STABILIZATION OF HELICAL MODES BY MAGNETIC WELLS | AFOSR67-2076 |
| SOME PROPERTIES OF HELICAL ANTENNAS AT LOW FREQUENCIES | AFOSR68-0345 |
| HELICITY | |
| KINEMATIC SINGULARITIES OF HELICITY AMPLITUDES FOR COMPTON SCATTERING | AFOSR68-1503 |
| COMPLEX ANGULAR MOMENTUM AND INFINITE HELICITY SUMS | AFOSR68-0779 |
| SOME CONSPIRACY AND SUPERCONVERGENCE PROPERTIES OF SCATTERING AMPLITUDES IN THE HELICITY FORMALISM | AFOSR68-1140 |
| HELICON | |
| HELICON MODES IN PURE TYPE-II SUPERCONDUCTORS IN THE HIGH-FIELD REGION | AFOSR67-1743 |
| HELICON PROPAGATION IN HgBaCuO _{1-x} Te | ARL 68-0297 |
| OBSERVATION OF QUANTUM SPIN AND HIGH FIELD DAMPING EFFECTS IN MICROWAVE HELICON PROPAGATION IN DEGENERATE | AFOSR67-0215 |
| HELICONS | |
| HELICONS MAGNETOPLASMA EDGE AND FARADAY ROTATION IN SOLID STATE PLASMAS AT MICROWAVE FREQUENCIES | AFOSR67-1869 |
| HELICONS AND NON-RESONANT CYCLOTRON ABSORPTION IN INGO AND Hg SUBI SUB MINUS SUR X CO SUB X TE | ARL 68-0190 |
| HELIOCENTRIC | |
| THE HELIOCENTRIC INTENSITY GRADIENTS OF COSMIC-RAY PROTONS AND HELIUM DURING MINIMUM SOLAR MODULATION | AFOSR67-1198 |
| HELIUM | |
| HELIUM STARS OF SMALL MASS | AFOSR67-0650 |
| METASTABLE HELIUM IN THE UPPER ATMOSPHERE | AFOSR67-0678 |
| SCATTERING OF HELIUM FROM ARGON AND KRYPTON FROM THE /111/ PLANE ON NICKLE COMPARISON WITH SILVER /111/ & GOLD /111/ | AFOSR68-1941 |
| THE WEAKNESS OF HELIUM LINES IN GLOBULAR CLUSTER AND HALO B STARS | AFOSR67-0675 |
| MICROAMPER NEGATIVE HELIUM IONS USING POTASSIUM VAPOUR EXCHANGE | AFOSR68-0900 |
| ORTHORHOMBIC DENSITY OF HELIUM THREE IN THE CRITICAL REGION | AFOSR67-2330 |
| PUT RELATIONS IN SOLID /HELIUM - THREE/ /HELIUM - FOUR/ MEASUREMENTS WITH SUPERFLUID HELIUM FINAL REPORT JUNE 1967 | AFOSR68-0150 |
| AN ELECTRON MICROSCOPE LIQUID HELIUM STAGE FOR USE WITH ACCESSORIES | AFOSR68-0538 |
| CORRELATION EFFECTS IN ATOMS I HELIUM | AFOSR67-0646 |
| EXCITATION OF THE 4F STATES OF HELIUM | AFOSR68-1061 |
| INELASTIC EXCITATION TRANSFER IN HELIUM | AFOSR67-0477 |
| QUANTIZED VORTEX RINGS IN ROTATING HELIUM II | AFOSR67-1014 |
| COULOMB DE-EXCITATION OF C-12 IN A HELIUM GAS AT HIGH DENSITY AND TEMPERATURE | AFOSR67-2579 |
| RESEARCH ON VORTICITY IN SUPERFLUID HELIUM FINAL REPORT DEC 1966 | AFOSR67-0197 |
| A GONIOMETER STAGE FOR USE AT LIQUID HELIUM TEMPERATURES | AFOSR67-0360 |
| FEW NUCLEON PROBLEM THE NEUTRON PLUS HELIUM 4 PROCESS INCLUDING COUPLING TO THE D PLUS T PROCCES IN THE 20 MINUS MEV | AFOSR67-0672 |
| NUCLEAR MAGNETIC RELAXATION TIMES OF HELIUM THREE IN HELIUM THREE - HELIUM FOUR SOLUTIONS | AFOSR67-2798 |
| DISTRIBUTION OF VORTICES IN ROTATING HELIUM II | AFOSR68-1399 |
| MICROWAVE RADIATION OF SINGLY CHARGED HELIUM 3 FROM H II REGIONS | AFOSR67-2527 |
| NEGATIVE-ION CAPTURE BY VORTEX LINES IN HELIUM II | AFOSR68-0097 |
| DIRECT SPIN-PHONON INTERACTION IN SOLID HELIUM THREE | AFOSR68-0707 |
| THERMAL CONDUCTIVITY OF NYLON AT LIQUID HELIUM TEMPERATURES | ARL 68-1462 |
| OPTICAL IONIZATION-EXCITATION FUNCTIONS OF HELIUM BY ELECTRON IMPACT | AFOSR67-2644 |
| PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM THE EFFECT OF PRESSURE ON THE PROPERTIES OF THE NEGATIVE ION | AFOSR68-0111 |
| VIBRATIONS OF AN ELECTRON HURDLE IN LIQUID HELIUM | AFOSR68-2475 |
| ULTRASONIC VELOCITY AND DISPERSION IN LIQUID HELIUM II FROM 0.15 TO 1.4 DEGAUSS K | AFOSR67-2071 |
| EXPERIMENTS ON THE 2 SUPERSCRIPT 3P STATE OF HELIUM I A MEASUREMENT OF THE 2 SUPERSCRIPT 3P SUBSCRIPT 1-2 SUPERSCRIPT | AFOSR68-1844 |
| ENERGY CALCULATION OF THE METASTABLE STATE OF HELIUM ION AND LITHIUM | AFOSR67-1308 |
| SUPERPARAMAGNETIC BEHAVIOR OF SOLIDS AT LIQUID HELIUM TEMPERATURES FINAL REPORT FEB 1967 | AFOSR67-2002 |
| QUANTUM THEORY OF SUPERFLUID VORTICES I LIQUID HELIUM II | AFOSR67-2421 |
| REACTIONS OF D PLUS ONE IONS IN HELIUM-OXYGEN AND HELIUM -OXYGEN-NITROGEN MIXTURES FINAL REPORT SEPT 1966 | AFOSR67-0097 |
| TURBULENT FLOW IN HIGH-DENSITY-SPARK CHANNELS IN HELIUM | AFOSR67-0544 |
| ALTERNATING CURRENT JOSEPHSON EFFECT IN SUPERFLUID HELIUM | AFOSR67-1772 |
| COLLISIONAL EXCITATION TRANSFER TO THE 4 D STATE IN HELIUM BY MULTIPLE STATE MECHANISM | AFOSR67- |
| NUCLEAR MAGNETIC RELAXATION TIMES OF HELIUM THREE IN HELIUM THREE - HELIUM FOUR SOLUTIONS | AFOSR67-2794 |
| REMAINTENANCE OF FERROMAGNETIC MULTIPLE FILMS AT LIQUID HELIUM TEMPERATURES | AFOSR67-0433 |
| THERMAL TIME CONSTANTS OF GERMANIUM THERMISTERS AT LIQUID HELIUM TEMPERATURES | AFOSR68-0201 |
| FINE STRUCTURE OF 2FOURTH ENERGY LEVELS OF 2SINGLY IONIZED HELIUM | AFOSR67-1221 |

HELIUM

- CONTINUED

| | |
|--|--------------|
| THEORY OF OPTICAL PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM | AFOSR66-1732 |
| EFFECTS OF PRESSURE ON THE TRANSPORT OF IONS THROUGH ROTATING HELIUM II | AFOSR67-1730 |
| THE HELIOCENTRIC INTENSITY GRADIENTS OF COSMIC-RAY PROTONS AND HELIUM DURING MINIMUM SOLAR MODULATION | AFOSR67-1190 |
| MAGNETIC RELAXATION PROPERTIES OF MAGNETITE POWDER DOWN TO LIQUID HELIUM TEMPERATURES | AFOSR67-0354 |
| FORMATION OF EXCITED MOLECULAR STATES IN THE POSITIVE COLUMN OF A HELIUM DISCHARGE | AFOSR67-0632 |
| DENSITY CONTOURS AND DENSITY FLUCTUATION MEASUREMENTS OF AN PNEUMATIC HELIUM AND | AFOSR66-0660 |
| MOLECULAR ORBITAL STUDIES OF THE GROUND AND LOW-LYING EXCITED STATES OF THE HELIUM HYDRIDE MOLECULAR ION | AFOSR66-2060 |
| LASER AND MICROWAVE INTERFEROMETRIC STUDY OF RECOMBINATION IN A HIGHLY IONIZED HELIUM PLASMA | AFOSR67-0066 |
| STATISTICAL EQUILIBRIUM MODEL ATMOSPHERES FOR EARLY-TYPE STARS III HYDROGEN AND HELIUM CONTINUA | AFOSR66-1064 |
| CALCULATION OF PHONON FREQUENCIES AND THERMODYNAMIC PROPERTIES OF CRYSTALLINE BCC HELIUM | AFOSR66-0167 |
| TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES | AFOSR67-1452 |
| QUANTIZED VORTICES IN AN IMPERFECT SUPERFLUID AND THE BREAKDOWN OF SUPERFLUIDITY IN LIQUID HELIUM II | AFOSR66-0870 |
| THE BEHAVIOUR OF THE ANGULAR CORRELATION SYMMETRY ANGLE FOLLOWING INELASTIC SCATTERING OF HELIUM 3 PARTICLES FROM | AFOSR66-1304 |
| ABSOLUTE MEASUREMENTS OF THE 2 SUPER 1 P AND 2 SUPER 3 P ELECTRON EXCITATION CROSS SECTIONS OF HELIUM ATOMS | AFOSR66-1126 |
| PROPERTIES OF CHAPMAN-JOUQUET DETONATIONS IN STOICHIOMETRIC HYDROGEN-OXYGEN MIXTURES DILUTED WITH HELIUM AND HYDROGEN | ARL 67-0019 |
| MEASUREMENT OF THE QUANTUM-ELECTRODYNAMIC LEVEL SHIFT IN THE /THIRD EXCITED STATE OF SINGLY IONIZED HELIUM/ | AFOSR67-1222 |
| THE SHIFT OF SOME OF THE EMISSION LINES OF IRON AND OTHER METALS FOR NI CA CU AND AL/ PRODUCED BY ARGON AND HELIUM | AFOSR67-2256 |
| GENERALIZED OSCILLATOR STRENGTHS AT SMALL MOMENTUM CHANGES FOR THE ONE-SINGLET S TO TWO-SINGLET S TRANSITION IN HELIUM | AFOSR67-0193 |
| HELIUM-BOSON | |
| GROUND STATE OF LIQUID HELIUM-BOSON SOLUTIONS FOR MASS 3 AND 4 | AFOSR67-0236 |
| HELIUM-FOUR | |
| POLARIZATION AND ASYMMETRY IN THE REACTION DEUTERON SCATTERING FROM HELIUM-THREE YIELDING A PROTON PLUS HELIUM-FOUR | AFOSR66-0358 |
| HELIUM-LIKE | |
| AN APPROACH TO THE BOUND-STATE THREE-BODY PROBLEM WITH APPLICATION TO THE HELIUM-LIKE ATOM | AFCL67-0165 |
| HELIUM-OXYGEN | |
| REACTIONS OF O PLUS ONE IONS IN HELIUM-OXYGEN AND HELIUM -OXYGEN-NITROGEN MIXTURES FINAL REPORT SEPT 1966 | AFCL67-0092 |
| HELIUM-SHELL | |
| HYDROGEN MIXING BY HELIUM-SHELL FLAMES | AFOSR66-0961 |
| HELIUM-THREE | |
| POLARIZATION AND ASYMMETRY IN THE REACTION DEUTERON SCATTERING FROM HELIUM-THREE YIELDING A PROTON PLUS HELIUM-FOUR | AFOSR66-0358 |
| HELIUM-3 | |
| NUON CAPTURE IN HELIUM-3 | AFOSR66-1401 |
| OPTICAL PARAMETERS FOR THE ELASTIC SCATTERING OF HELIUM-3 BY HELIUM-4 | AFOSR67-2166 |
| GROUND STATE HYPERFINE SPLITTING OF SINGLY CHARGED HELIUM-3 | AFOSR67-2576 |
| HELIUM-4 | |
| SINGLE-COLLISION-TIME THEORY OF SOUND PROPAGATION IN LIQUID HELIUM-4 BELOW 0.6 DEGREES KELVIN | AFOSR66-0151 |
| OPTICAL PARAMETERS FOR THE ELASTIC SCATTERING OF HELIUM-3 BY HELIUM-4 | AFOSR67-2166 |
| HELIX | |
| SOLID HELIX MAGNETS FOR LARGE VOLUME PULSED HIGH FIELDS | AFOSR67-1236 |
| HELLMANN-FEYNMAN | |
| USE OF HELLMANN-FEYNMAN AND HYPERVIRIAL THEOREMS TO OBTAIN ANHARMONIC VIBRATION-ROTATION EXPECTATION VALUES AND THEIR | AFOSR67-0269 |
| NUMERICAL TEST OF THE INTEGRAL HELLMANN-FEYNMAN THEOREM | AFOSR67-2470 |
| HELMHOLTZ | |
| STABILITY OF HELMHOLTZ PLASMA FLOW IN A DISCONTINUOUS MAGNETIC FIELD | AFOSR67-2066 |
| ANHARMONIC CONTRIBUTIONS TO THE HELMHOLTZ FREE ENERGY OF A SIMPLE CRYSTAL MODEL HIGH-TEMPERATURE LIMIT AND ZERO-POINT | AFOSR66-0053 |
| BIPOLAR EXPANSION OF SCREENED COULOMB POTENTIALS HELMHOLTZ SOLID HARMONICS AND THEIR ADDITION THEOREMS | AFOSR67-1243 |
| APPROXIMATIVE SOLUTION OF AN EIGENVALUE PROBLEM OF THE HELMHOLTZ EQUATION USING LIE SERIES | AFOSR67-2435 |
| HELSON | |
| ARITHMETIC CLASSIFICATION OF A HELSON CLASS OF SETS /FRENCH/ | AFOSR67-1123 |
| HEME | |
| FUNCTIONAL PROPERTIES OF A HEMOGLOBIN CARRYING HEME ONLY ON ALPHA CHAINS | AFOSR66-2791 |
| BINDING OF ANESTHETICS TO PROTEINS LINKAGE BETWEEN THE SIXTH-LIGAND SITE OF HEME IRON ION AND THE NONPOLAR BINDING | AFOSR66-2705 |
| HEMICONTINUITY | |
| HEMICONTINUITY HEMICONTINUITY AND MONOTONICITY II | AFOSR66-0650 |
| HEMISPHERE | |
| ELECTROCARDIOGRAM IN THE CHRONIC ISOLATED HEMISPHERE OF THE CAT EFFECT OF ATROPINE AND ESERINE | AFOSR67-0915 |
| A WORLD-WIDE INVESTIGATION OF THE MID-LATITUDE EVENING INCREASE OF THE P SUB 0 F SUB 2 IN THE SUMMER HEMISPHERE FINAL | AFCL66-0096 |
| EFFECTS OF ATROPINE ESERINE AND ADRENALINE IN CATS WITH MESENCEPHALIC TRANSECTION AND IN THE ISOLATED HEMISPHERE CAT | AFOSR67-2380 |
| HEMISPHERIC | |
| RESEARCHES AND CONSIDERATIONS ON THE HEMISPHERIC DOMINANCE AND SPECIALIZATION IN MAN /ITALIAN/ | AFOSR67-1495 |
| HEMISPHERICAL | |
| MULTIPOINT INITIATED IMPLSIONS FROM HEMISPHERICAL SHELLS OF SHEET EXPLOSIVE | ARL 67-0018 |
| A THEORETICAL STUDY OF A CYLINDRICAL ANTENNA WITH A HEMISPHERICAL CAP | AFCL66-0347 |
| HEMISPHERES | |
| SOME ADDITIONAL ASPECTS OF THE UNEQUAL ACTIVITY OF THE NORTHERN AND SOUTHERN SOLAR HEMISPHERES MICROWAVE RADIO BURSTS | AFCL66-0217 |
| HEMOGLOBIN | |
| HEMOGLOBIN AND ITS REACTION WITH LIGANDS | AFOSR66-0922 |
| KINETIC STUDIES ON HEMOGLOBIN BY FLASH PHOTOLYSIS FINAL REPORT JAN 1967 | AFOSR67-0521 |

HEMOGLOBIN - CONTINUED

FUNCTIONAL PROPERTIES OF A HEMOGLOBIN CARRYING HERE ONLY ON ALPHA CHAINS
RELATION OF STRUCTURE TO FUNCTION IN HEMOGLOBIN
THE BINDING OF CARBON MONOXIDE BY HUMAN HEMOGLOBIN
STUDIES ON THE QUANTUM YIELDS OF THE PHOTODISSOCIATION OF CARBON MONOXIDE FROM HEMOGLOBIN AND MYOGLOBIN
TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE ALPHA CHAIN OF RABBIT HEMOGLOBIN
HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE X-BAND FARADAY ROTATION OF WATER ADSORBED ON HEMOGLOBIN
AFOSR66-2741
AFOSR66-0491
AFOSR66-2730
AFOSR67-1691
AFOSR67-1631
AFOSR67-2081

HEMOPROTEINS
KINETICS STUDIES ON HEMOPROTEINS BY FLASH PHOTOLYSIS FINAL REPORT JAN 1968
AFOSR66-0524

HEMORRHAGE
ROLE OF PERIPHERAL RECEPTORS IN THE INCREASED RELEASE OF VASOPRESSIN IN RESPONSE TO HEMORRHAGE
AFOSR66-0309

HERMITIAN
HERMITIAN ANALYTICITY AND S-MATRIX SINGULARITY STRUCTURE
ON THE SPECTRA OF BOUNDED HERMITIAN HANKEL MATRICES
AFOSR67-1135
AFOSR66-2039

HERRING
DENTONADRIAL ANAESTHESIA IN THE HERRING AND LESSER BLACK-BACKED GULL
AFOSR67-0194

HETEROAROMATIC
NEW HETEROAROMATIC COMPOUNDS XVI SYNTHESIS OF BORAZAPINES
AFOSR66-0212

HETERODYNE
DISPERSION EFFECTS IN A HIGH GAIN 3.39U HE-NE LASER APPLICATION TO THE LASER HETERODYNE MEASUREMENT OF PLASMA DENSITY ARL 68-0135

HETEROGENEOUS
HETEROGENEOUS NUCLEATION AND ITS INFLUENCE ON THE STRUCTURE OF THIN FILMS /GERMAN/
A CRITICAL REVIEW OF HETEROGENEOUS MIXING PROBLEMS
SOME OBSERVATIONS ON HETEROGENEOUS MIXING INSIDE CHANNELS
PART I RESEARCH ON THE HETEROGENEOUS STRUCTURE OF THE SOLAR ATMOSPHERE A PROGRESS REPORT 1964-6 PART II LANGMUIR METER NO
EFFECTS OF THE STEFAN-NUSSLETT FLOW ON THE APPARENT KINETICS OF HETEROGENEOUS CHEMICAL REACTIONS IN FORCED CONVECTION
THEORETICAL SEISMOGRAMS OF TORSIONAL DISTURBANCES EXCITED AT A FOCUS WITHIN A HETEROGENEOUS SPHERICAL EARTH - CASE OF
AFOSR67-0506
ARL 67-0187
ARL 67-0274
AFOSR67-0094
AFOSR67-0466
AFOSR66-1429

HETEROJUNCTION
SEMICONDUCTOR HETEROJUNCTION STRUCTURE STUDIES
SEMICONDUCTOR HETEROJUNCTION STRUCTURE STUDIES FINAL REPORT SEPT 1968
AFOSR66-0340
AFOSR66-0330

HETEROPOLY
MIXED HETEROPOLY ACID FORMATION FINAL REPORT JULY 1967
AFOSR67-1605

HETEROPOLY-12-NIOMAN
THE HETEROPOLY-12-NIOMANMANGANATE /IV/ ANION
AFOSR66-0012

HETEROTROPHY
CHOICE BETWEEN AUTOTROPHY AND HETEROTROPHY IN PSEUDOMONAS OXALATICUS UTILIZATION OF OXALATE BY CELLS AFTER ADAPTATION
CHOICE BETWEEN AUTOTROPHY AND HETEROTROPHY IN PSEUDOMONAS OXALATICUS GROWTH IN MIXED SUBSTRATES
AFOSR66-1990
AFOSR66-2776

HEURISTIC
AN APPROACH TO HEURISTIC PROBLEM SOLVING AND THEOREM PROVING IN THE PROPOSITIONAL CALCULUS
AN ADAPTIVE TREE PRUNING SYSTEM A LANGUAGE FOR PROGRAMMING HEURISTIC TREE SEARCHES
AFOSR66-0649
AFOSR66-0036

HEURISTICS
AN EVALUATION OF HEURISTICS FOR THRESHOLD-FUNCTION TEST-SYNTHESIS
AFOSR66-1297

HEXACYANODISOBUTYLENE
THE CRYSTAL STRUCTURE OF THE HEXAHYDRATED CALCIUM SALT OF HEXACYANODISOBUTYLENE
AFOSR66-0483

HEXAFLUORIDE
FAR-INFRARED AND MILLIMETER WAVE STUDIES OF KENON HEXAFLUORIDE
AFOSR66-1628

HEXAFLUOROACETONE
ELECTRON SPIN RESONANCE OF HEXAFLUOROACETONE KETYL
AFOSR66-0409

HEXAFLUOROACETYLACET
NEW RHODIUM CHELATES OF HEXAFLUOROACETYLACETONE
ARL 61-0066

HEXAFLUOROALUMINATE
HEAT OF FORMATION AND TRANSITION TEMPERATURES OF SOLID LITHIUM HEXAFLUOROALUMINATE
AFOSR67-1984

HEXAFLUOROBENZENE
FLUORESCENCE AND TRIPLET STATE OF HEXAFLUOROBENZENE
CHEMISTRY OF THE METAL CARBONYLS XLVIII COMPLEXES OF DEWAR HEXAFLUOROBENZENE
AFOSR67-2360
AFOSR66-2140

HEXAGONAL
THE CONVERSION OF CUBIC TO HEXAGONAL SILICON CARBIDE AS A FUNCTION OF TEMPERATURE AND PRESSURE
MAGNETIC TORSION MEASUREMENTS ON HEXAGONAL PEGE
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL COS, COSE, ZNS AND ZNSE
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL COS, COSE, ZNS, AND ZNSE
CONVERGENCE STUDY OF A SELF-CONSISTENT ORTHOGONALIZED- PLANE-WAVE BAND CALCULATION FOR HEXAGONAL COS FINAL REPORT JAN
EXPERIMENTAL PRE-INDUCTION DECAY SHAPES AND THEORETICAL SECOND MOMENTS FOR HYDROGEN IN HEXAGONAL ICE
AFOSR67-0436
AFOSR66-0881
ARL 67-1082
ARL 67-1084
ARL 68-0007
AFOSR67-2648

HEXAHYDRATED
THE CRYSTAL STRUCTURE OF THE HEXAHYDRATED CALCIUM SALT OF HEXACYANODISOBUTYLENE
AFOSR66-0483

| | |
|---|---|
| HEXAMERIC | |
| ORGANOMETALLIC SULFUR COMPLEXES XII STRUCTURE OF A HEXAMERIC MERCAPTOSULFONYL CARBONYL SULFIDE COMPLEX | AFOSR68-2431 |
| HEXAMETHYLBENZENE | |
| PHONON EFFECTS IN THE UV SPECTRUM OF CRYSTALLINE HEXAMETHYLBENZENE | AFOSR68-0199 |
| HEXAMETHYLDIITIN | |
| THE REACTION OF PHENYL/TRIALKYL/ETHYL/MERCURIALS WITH HEXAMETHYLDIITIN THE FIRST CASE OF DIHALOCARBENE INSERTION INTO A | AFOSR67-1958 |
| HEXANES | |
| CHEMICAL IONIZATION MASS SPECTROMETRY. I. THE ISOMERIC HEXANES | APL 67-1108 |
| HEXANONE | |
| BY-PRODUCTS OF THE ROBINSON ANNELATION REACTION WITH CYCLO- HEXANONE CYCLOPENTANONE AND CYCLOPENTANONE-1,2-DIONE | AFOSR67-1428 |
| HEXANUCLEAR | |
| ORGANOMETALLIC SULFUR COMPLEXES IX STRUCTURE OF A HEXANUCLEAR COMPLY CARBONYL SULFUR COMPLEX CONTAINING A | AFOSR67-2191 |
| HEXESTROL | |
| HYDROGEN ADDITION RADICALS OF STILBESTROL HEXESTROL AND BENZESTROL | AFOSR68-1821 |
| HEXORBITAL | |
| EFFECT OF VARYING PERIODS OF COLD EXPOSURE ON THE ACTION AND METABOLISM OF HEXORBITAL | AFOSR67-2108 |
| HEXYL | |
| REACTIVE INTERMEDIATES IN THE BICYCLO /3,1,0/ HEXYL AND BICYCLO /3,1,0/ HEXYLIDENE SYSTEMS IV THE FREE-RADICAL REARRANGEMENT OF CARBONIUM IONS AND FREE RADICALS IN THE BICYCLO /3,1,0/ HEXYL SYSTEM | AFOSR68-1382
AFOSR67-1582 |
| HEXYLIENE | |
| REACTIVE INTERMEDIATES IN THE BICYCLO /3,1,0/ HEXYL AND BICYCLO /3,1,0/ HEXYLIDENE SYSTEMS IV THE FREE-RADICAL | AFOSR68-1322 |
| HIDDEN | |
| HIDDEN MODES AND HALF-ZERO CANCELLATION
RADAR RETURN FROM TARGETS HIDDEN BY GROUND CLUTTER | AFOSR67-0828
AFOSR67-0668 |
| HIDDEN-LINE | |
| AN ALGORITHM FOR THE SOLUTION OF THE TWO-DIMENSIONAL HIDDEN-LINE PROBLEM | AFOSR68-0871 |
| HIERARCHICAL | |
| DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES ENTITY TABLE DESIGN FINAL REPORT FEB 1968
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM PROGRAM MANUAL FINAL REPORT FEB 1968
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM OPERATORS MANUAL FINAL REPORT FEB
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES TIME-SHARING INPUT-OUTPUT EXECUTIVE /IOX/
ACQUISITION OF HIERARCHICAL CONTROL OVER THE TEMPORAL ORGANIZATION OF A SKILL | AFOSR68-0128
AFOSR68-0129
AFOSR68-0130
AFOSR68-0131
AFOSR67-1837 |
| HIERARCHIES | |
| DERIVATIONS OF HIERARCHIES FOR N-PARTICLE SYSTEMS AND VLASOV SYSTEMS BY MEANS OF THE FUNCTIONAL CALCULUS | AFOSR67-1506 |
| HIERARCHY | |
| HIERARCHY METHODS FOR RANDOM VIBRATIONS OF PLASTIC STRINGS AND BEAMS | AFOSR68-0372 |
| HIGH | |
| HIGH RAYLEIGH WAVE PHASE VELOCITIES FOR THE NEW DELHI INDIA-LAHORE PAKISTAN PROFILE
HIGH ENERGY ION IMPLANTATION OF MATERIALS FINAL REPORT JAN 1967
HIGH GAIN LOG-PERIODIC ANTENNAS
HIGH RESOLUTION SPECTRA OF THE SUN
HIGH PRESSURE HIGH TEMPERATURE CRYSTAL GROWTH SYSTEM
HIGH ENERGY MOLECULAR BEAMS FINAL REPORT JAN 1968
HIGH ALTITUDE ATMOSPHERIC TRANSMITTANCE AS OBSERVED OVER NORTHERN CALIFORNIA
HIGH TEMPERATURE SP-BAND SUPERCONDUCTORS
HIGH ORDER OF PLASMA HEATING AND WAVE PROPAGATION NEAR THE FUNDAMENTAL AND HARMONICS OF THE ION CYCLOTRON FREQUENCY
HIGH TEMPERATURE HALL EFFECT IN CUPROUS OXIDE
HIGH TEMPERATURE ACID-BASE REACTIONS-II METHYL-AMMONIUM CHLORIDE WITH CERTAIN METAL OXIDES
HIGH RESOLUTION STUDIES IN THE FAR INFRARED FINAL REPORT JUNE 1967
HIGH ENERGY NUCLEAR PHYSICS AND FUNDAMENTARY PARTICLES FINAL REPORT JUNE 1967
HIGH CURRENT DENSITY SUPERCONDUCTING COILS
HIGH FIELD MAGNETS AT THE NATIONAL MAGNET LABORATORY
HIGH SUPERCONDUCTING TRANSITION TEMPERATURES IN THE MOLYBDENUM CARBIDE FAMILY OF COMPOUNDS
HIGH INTENSITY NOZZLE BEAM SOURCE FOR USE IN MOLECULAR TOTAL CROSS SECTION MEASUREMENTS
HIGH FREQUENCY PARAMAGNETIC RESONANCE FINAL REPORT APRIL 1968
HIGH TEMPERATURE THERMAL CONDUCTIVITY OF RARE GASES AND GAS MIXTURES
HIGH RESOLUTION STUDIES OF DISCRETE RADIO SOURCES
HIGH SENSITIVITY COULOMETRIC ANALYSIS IN ACETONITRILE
HIGH ENERGY PION INTERACTIONS
HIGH ENERGY DIFFRACTIONS OF COSMIC RAYS GREATER THAN 1000 MEV OBSERVED AT 5200 M ABOVE SEA LEVEL
HIGH ENERGY PHYSICS FINAL REPORT AUG 1968
HIGH TEMPERATURE DEFECT STRUCTURE OF FERROUS OXIDE
HIGH TEMPERATURE ELECTRIC PROPERTIES OF MANGANESE MONOXIDE
HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NiO
HIGH PRESSURE HEAT EXCHANGERS
HIGH SPEED CASCADE TESTING AND ITS APPLICATION TO AXIAL FLOW SUPERSONIC COMPRESSORS
HIGH PRESSURE ARGON ARCS
HIGH POWER ELECTRIC PROPULSION ENGINES
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
HIGH TEMPERATURE HALL MOBILITY TECHNIQUES IN LOW MOBILITY CONDUCTORS
HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NiO
HIGH HALL COEFFICIENT EXPERIMENTS IN A LARGE DISK GENERATOR
HIGH POWER CRYSTALLOGRAPHIC AND SUPERCONDUCTING MAGNET TECHNOLOGY
HIGH TEMPERATURE ELASTIC MODULI OF ALUMINUM
A HIGH PRECISION LOGARITHMIC AMPLIFIER USING SAMPLING TECHNIQUES | AFOSR67-0022
AFOSR67-0123
AFOSR67-0325
AFOSR67-0587
AFOSR67-0656
AFOSR68-0188
AFOSR68-0505
AFOSR67-0156
AFOSR67-0229
AFOSR67-1302
AFOSR67-1500
AFOSR67-1607
AFOSR67-2294
AFOSR67-2370
AFOSR67-2371
AFOSR67-2574
AFOSR68-0905
AFOSR68-1002
AFOSR68-1614
AFOSR68-1925
AFOSR68-1946
AFOSR68-2285
AFOSR68-2480
AFOSR68-2476
APL 67-0177
APL 67-1145
APL 68-0161
APL 68-0307
APL 68-1015
APL 68-1023
APL 68-1024
APL 68-1032
APL 68-1035
APL 68-1039
APL 68-1143
APL 68-1170
APL 68-1192
APL 68-1305
APL 68-1457
AFOSR68-0191 |

THE HIGH MACH NUMBER RAYLEIGH PROBLEM ACCORDING TO THE KROOK MODEL
 ULTRA HIGH ENERGY COSMIC RADIATION FINAL REPORT NOV 1968
 SEVERAL HIGH SENSITIVITY RADIO-FREQUENCY DETECTORS FOR PERMANENT GAS ANALYSIS
 STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING WIRES FINAL
 REPORT ON HIGH ALTITUDE ROBIN FLIGHTS OCTOBER 1968
 EFFECT OF HIGH CONDUCTIVITY ON TWO-DIMENSIONAL PLASMA FLOW
 EXTREMELY HIGH DENSITY MAGNETIC INFORMATION STORAGE
 SURVEY OF HIGH PRESSURE ELECTRIC ARC TECHNOLOGY
 A ONE-STEP HIGH YIELD SYNTHESIS OF MONODECAHYDRO BICICLABORANE TRIANION
 LOW DENSITY HIGH TEMPERATURE GAS DYNAMICS FINAL REPORT DEC 1966
 RESEARCH IN HIGH TEMPERATURE PLASMA
 DETERMINING HIGH TEMPERATURE DEBYE CONSTANTS WITH THE AID OF X-RAY TECHNIQUES
 QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY FINAL REPORT OCT 1966
 PHYSICS WITH HIGH MAGNETIC FIELDS AT THE NATIONAL MAGNET LABORATORY
 QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY
 MAGNETISM IN HIGH MAGNETIC FIELDS
 HIGH PRESSURE HIGH TEMPERATURE CRYSTAL GROWTH SYSTEM
 THE EFFECTS OF HIGH MAGNETIC FIELDS ON THE ISOTHERMAL DISSOLUTION AND GROWTH RATES OF FERROUS AMMONIUM SULFATE
 SLOTT COILING AT HIGH SPEED FLOW
 INVESTIGATION OF HIGH TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES
 DEVELOPMENT OF A HIGH PRESSURE TIME-OF-FLIGHT MASS SPECTROMETER FOR IONMOLECULE REACTION STUDIES
 MELTING POINTS AT HIGH COMPRESSIONS FROM ZERO-COMPRESSION PROPERTIES THROUGH THE KENNEDY RELATION
 INTERACTION OF AN HIGH CURRENT ELECTRICAL DISCHARGE WITH ITS SELF-INDUCED MAGNETIC FIELD IN THE PRESENCE OF GAS FLOW
 THE TROUGH SEEN IN HIGH LATITUDE OBSERVATIONS OF THE IONOSPHERIC ELECTRON CONTENT
 IMPROVEMENT OF THE HIGH POWER CASCADE ARC CHAMBER
 A GASEOUS SYSTEM OF HIGH LUMINOUS EFFICIENCY
 STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING WIRES FINAL
 THERMAL RADIATION OF HIGH TEMPERATURE COMBUSTION PRODUCTS FINAL REPORT JAN 1967
 INJECTION EFFECTS IN HIGH PRANDTL NUMBER BOUNDARY-LAYER FLOWS
 CHARACTERISTICS OF A HIGH PRESSURE A.C. ARC HEATER SYSTEM, FINAL REPORT DEC 1967
 A CLIMATOLOGY OF VERY HIGH ALTITUDE RADAR PRECIPITATION FIELDS
 OPTICAL PROPERTIES OF HIGH ENERGY GAP II-VI COMPOUNDS
 PROPAGATION OF LOW AND HIGH POWER RADIO WAVES IN IONIZED
 SYMMETRY PRINCIPLES AT HIGH ENERGY FIFTH CORAL GABLES CONFERENCE JANUARY 24-26 1966 CORAL GABLES FLORIDA 33124
 A TUNE WIND TUNNEL FOR HIGH REYNOLDS NUMBER SUPERSONIC TESTING
 DISPERSION RELATIONS IN HIGH ENERGY PHYSICS FINAL REPORT OCT 1967
 RESEARCH ON THEORETICAL HIGH ENERGY PHYSICS AND QUANTUM THEORY OF MANY PARTICLE SYSTEMS FINAL REPORT DEC 1967
 DISPERSION EFFECTS IN A HIGH GAIN J-SUBB WAVE LASER APPLICATION TO THE LASER HETERODYNE MEASUREMENT OF PLASMA DENSITY
 RESEARCH IN THE FIELD OF HIGH RESOLUTION INFRARED SPECTROSCOPY FINAL REPORT JAN 1967
 ELECTRODE PHENOMENA IN A HIGH CURRENT 20 NANOSECOND SPARK
 ON A CAUSE OF FAILURE OF HIGH ALTITUDE PLASTIC BALLOONS
 SELF-DIFFUSION IN TIN AT HIGH PRESSURE
 ANALYSIS AND DESIGN OF A HIGH PRESSURE A.C. ARC HEATER, FINAL REPORT DEC 1967
 ON DYNAMICAL SYSTEMS WITH HIGH FREQUENCY PARAMETRIC EXCITATION
 SATELLITE SCINTILLATION AT HIGH LATITUDES AND ITS POSSIBLE RELATION TO PRECIPITATION OF SOFT PARTICLES
 BIOLOGICAL SIGNIFICANCE OF HIGH MOLECULAR WEIGHT POLYPEPTIDES FINAL REPORT JUNE 1967
 INTERACTION OF PLASMAS WITH HIGH INTENSITY R-F FIELDS FINAL REPORT FEB 1967
 IMPROVED SUPER MODULATOR FOR HIGH DC VOLTAGES
 FORWARD COMPTON SCATTERING AT HIGH ENERGY AND THE ORELL-HEARN-GERASIMOV SUN RULE
 THE DESIGN AND OPERATION OF A HIGH MACH NUMBER-REYNOLDS NUMBER FACILITY FINAL REPORT DECEMBER 1966
 NUCLEON-NUCLEON INTERACTION AT HIGH ENERGIES
 A CASCADE ARC CHAMBER FOR VERY HIGH POWERS
 OBSERVATION OF QUANTUM SPIN AND HIGH FIELD DAMPING EFFECTS IN MICROWAVE HELICON PROPAGATION IN DEGENERATE
 ON LIQUID DROPLET COMBUSTION AT HIGH PRESSURES
 TEMPERATURE MEASUREMENTS FROM A HIGH POWER ARGON ARC
 COMPOSITE MODELS OF HARDEN AND HIGH ENERGY SCATTERING
 GEOMAGNETIC OBSERVATIONS OF 1962 HIGH ALTITUDE NUCLEAR TESTS /U/ FINAL REPORT MAR 1967
 PHYSICAL PROPERTIES OF SOLIDS AT HIGH PRESSURES FINAL REPORT APRIL 1966
 HIGH REINFORCED NE-CR ALLOYS FOR HIGH TEMPERATURE-HIGH STRENGTH APPLICATIONS FINAL REPORT JAN 1967
 OPTICAL DENSITY MEASUREMENTS IN A HIGH SPEED CONFINED GASEOUS VORTEX
 TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
 TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
 WIDESPREAD OPTICAL/IR EFFECTS FROM HIGH ALTITUDE DETONATIONS /U/ FINAL REPORT AUG 1967
 RESEARCH ON COMBUSTION PROCESSES AT HIGH SPEED AND AT LOW PRESSURES FINAL REPORT DEC 1967
 ANGULAR DEPENDENCE OF SCATTERING AT HIGH ENERGIES
 PLASMA DYNAMICS AND INTERACTION WITH HIGH FREQUENCY FIELDS FINAL REPORT APRIL 1966
 MAGNETIC LOSSES IN SUPERCONDUCTORS AT HIGH FREQUENCIES
 THE PHYSICS AND CHEMISTRY OF GASES AT HIGH TEMPERATURES FINAL REPORT MARCH 1966
 SPECTROGRAPHIC OBSERVATIONS OF A VERY HIGH PRESSURE NITROGEN PLASMA
 INVESTIGATION OF ELECTRODE EROSION IN HIGH CURRENT ELECTRIC ARCS
 TOTAL ELECTRON CONTENT MEASUREMENTS AT HIGH LATITUDES FINAL REPORT JAN 1967
 QUANTUM HARD-SPHERE GAS IN THE LIMIT OF HIGH DENSITIES WITH APPLICATION TO SOLIDIFIED LIGHT GASES
 THEORETICAL AND EXPERIMENTAL STUDIES AT HIGH MASS FLOW RATES IN HIGH PRESSURE CONSTRICTED ARCS
 OSCILLATIONS OF SCATTERING AMPLITUDES AT HIGH ENERGY
 THEORY OF PURE TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELDS II ULTRASONIC ATTENUATION
 RESEARCH ON PLASMA DIAGNOSTIC METHODS FOR HIGH TEMPERATURE PLASMA RESEARCH FINAL REPORT MARCH 1967
 CONTRIBUTION TO THE H₂-O PHASE DIAGRAM AT HIGH TEMPERATURE
 THE MEASUREMENTS OF THE SOLAR CONSTANT FROM HIGH ALTITUDE BALLOONS
 SOLID HELIX MAGNETS FOR LARGE VOLUME PULSED HIGH FIELDS
 THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH EFFICIENCY COS THIN-FILM SOLAR CELLS
 SPECTROSCOPIC STUDIES OF THE VAPORIZATION OF HIGH TEMPERATURE MATERIALS FINAL REPORT APRIL 1966
 A LASER-DRIVEN IMPLUSION FOR GENERATING VERY HIGH TEMPERATURES
 AN INVESTIGATION OF HYPERSONIC AERODYNAMICS AT HIGH ALTITUDES
 A MODIFIED TIME-OF-FLIGHT MASS SPECTROMETER FOR HIGH PRESSURE STUDIES OF IONIC REACTIONS
 DIAGNOSTIC STUDIES OF WEATHER SYSTEMS OF LOW AND HIGH LATITUDES /ROSSBY NUMBER 1/ FINAL REPORT APRIL 1967
 STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING WIRES FINAL
 COULOMB DE-EXCITATION OF C-12 IN A HELIUM GAS AT HIGH DENSITY AND TEMPERATURE
 RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME I - MERCURY CONDENSATION EXPERIMENTS
 RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME II - CONDENSATION EXPERIMENTS IN A
 CALIBRATION AND DIFFERENTIAL FIELD MEASUREMENT OF HIGH MAGNETIC FIELDS BY MEANS OF A PERIODIC SIZE EFFECT IN GALLIUM
 THE WALL MOBILITY OF ELECTRONS AND HOLE IN H₂O AT HIGH TEMPERATURES
 SHEAR STRENGTH OF TWELVE GROSSLY DEFORMED METALS AT HIGH PRESSURES AND TEMPERATURES
 EXPERIMENTALLY DETERMINED SHOCK CONFIGURATIONS IN A HIGH- SOLIDITY SUPERSONIC ROTOR
 COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS
 VORTEX INDUCED ROLLING MOMENTS ON FINNED MISSILES AT HIGH ANGLE OF ATTACK
 HELICON MODES IN PURE TYPE-II SUPERCONDUCTORS IN THE HIGH-FIELD REGION
 KINETIC EQUATION FOR A PLASMA AND ITS APPLICATION TO HIGH-FREQUENCY CONDUCTIVITY
 THERMAL CONDUCTIVITY OF PURE TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELDS
 INVESTIGATION OF ERRORS IN MEASURING MAGNETIC FIELDS IN HIGH TEMPERATURE PLASMA DISCHARGES
 QUANTITATIVE REFLECTION ELECTRON DIFFRACTION IN AN ULTRA HIGH VACUUM CAMERA
 METHODS FOR DETERMINATION OF TRANSPORT COEFFICIENTS FROM HIGH POWER ARCS FINAL REPORT OCT 1967
 DIRECT MEASUREMENT OF FIRST COLLISION EFFECTS IN RAREFIED HIGH SPEED FLOWS
 RESPONSE OF LITHIUM DRIFTED SILICON RADIATION DETECTORS TO HIGH ENERGY CHARGED PARTICLES
 SUPERCONDUCTIVITY OF ALPHA-URANIUM AND URANIUM COMPOUNDS AT HIGH PRESSURE
 REACTION MECHANISMS FOR LASER-INDUCED DISCHARGES IN SUPER- HIGH PRESSURE GASES
 EXPERIMENTAL TESTS OF HYDROGEN R STARK BROADENING THEORY AT HIGH ELECTRON DENSITIES

AFOSR67-2082
 AFOSR68-2481
 AFOSR68-0583
 AFOSR67-0278
 AFOSR67-0433
 AFOSR68-0740
 AFOSR68-1353
 ARL 68-1219
 AFOSR68-1726
 AFOSR67-0414
 ARL 67-1303
 ARL 68-1169
 AFOSR67-0812
 AFOSR67-2261
 AFOSR68-1176
 AFOSR68-1822
 AFOSR67-0666
 AFOSR67-2740
 A.L. 68-0141
 ARL 67-0005
 ARL 67-0005
 AFOSR67-1930
 ARL 67-0007
 AFOSR67-0176
 ARL 68-0348
 ARL 67-1101
 AFOSR67-0276
 AFOSR67-0961
 AFOSR68-2829
 ARL 67-0217
 AFOSR68-0630
 ARL 68-1085
 AFOSR68-0077
 AFOSR68-1610
 ARL 68-0031
 AFOSR68-0810
 AFOSR68-0910
 ARL 68-0135
 AFOSR67-0837
 AFOSR67-0446
 AFOSR67-0611
 AFOSR67-0056
 ARL 67-0876
 AFOSR68-2827
 AFOSR68-0285
 AFOSR67-1208
 AFOSR67-0988
 AFOSR68-2799
 AFOSR68-0140
 ARL 68-0213
 AFOSR67-2700
 ARL 68-0343
 AFOSR67-0215
 AFOSR67-2042
 ARL 67-0862
 ARL 68-1100
 AFOSR67-0454
 AFOSR68-0954
 AFOSR67-0040
 ARL 68-0318
 ARL 68-1195
 ARL 68-1378
 AFOSR67-0542
 AFOSR68-0467
 AFOSR68-2262
 AFOSR68-2184
 AFOSR67-0766
 AFOSR68-0830
 ARL 67-1334
 ARL 68-0112
 AFOSR67-0356
 AFOSR67-1667
 ARL 68-1490
 AFOSR67-1149
 AFOSR67-1788
 ARL 67-0062
 ARL 67-0184
 AFOSR68-0334
 AFOSR67-1236
 ARL 68-1417
 AFOSR68-1211
 ARL 67-0134
 ARL 68-1110
 ARL 67-1131
 AFOSR67-0178
 AFOSR67-0276
 AFOSR67-2579
 ARL 68-0142
 ARL 68-0143
 AFOSR67-2157
 ARL 68-0159
 AFOSR67-0875
 ARL 68-1227
 ARL 68-1261
 AFOSR68-0569
 AFOSR67-1743
 AFOSR67-1808
 AFOSR67-2480
 ARL 68-1136
 AFOSR68-0557
 ARL 67-0219
 AFOSR67-2059
 AFOSR68-1675
 AFOSR67-1211
 AFOSR67-2497
 ARL 68-1143

MOTION OF THE VORTEX STRUCTURE IN TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELD
 INVESTIGATION OF THE VARIABLES CONTROLLING THE FLUX GROWTH OF HIGH QUALITY LASER CRYSTALS FINAL REPORT MAR 1967
 THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE
 INFRARED RADIANCE OF SELECTED THERMAL PHASES AS VIEWED FROM HIGH ALTITUDE
 THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE FINAL REPORT FEB 1968
 THERMAL CONDUCTIVITY OF SOLID AIE AND OF ISOTOPIC MIXTURES AT HIGH DENSITIES
 HAS MEASURES HIGHER TEMPERATURES THE MEASUREMENT OF EXTREMELY HIGH TEMPERATURES
 SUPERCONDUCTIVITY OF RHEINIUM AND SOME RHEINIUM-OSMIUM ALLOYS AT HIGH PRESSURE
 LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL BLUNT NASE FROM THE HIGH ENTHALPY FLOW IN THE SHOCK TUBE
 SPECULATIONS CONCERNING LARGE-ANGLE NEUTRON-NUCLEON SCATTERING AT HIGH ENERGIES
 THEORETICAL AND EXPERIMENTAL STUDIES AT HIGH MASS FLOW RATES IN HIGH PRESSURE CONSTRICTED ARCS
 ELECTRIC ARC ATTACHMENT, HEAT TRANSFER, AND ELECTRODE EROSION OF HIGH CURRENT ARCS DRIVEN MAGNETICALLY OVER METAL
 SUPERCONDUCTIVITY OF LANTHANUM AND LANTHANUM COMPOUNDS AT ZERO AND HIGH PRESSURE
 KACH-RENNER OPTICAL INTERFEROMETRY OF LASER INDUCED DISCHARGES IN HIGH PRESSURE GASES
 APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES
 APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES
 EXPERIMENTAL EVIDENCE FOR HIGHLY MOBILE ELECTRONS IN H₂O AND H₂O₂ AT HIGH TEMPERATURES
 THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT JULY 1967
 THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT SEPT 1968
 AN EXPERIMENT CONCERNING THE EVAPORATION AND CONDENSATION OF PLATINUM AT HIGH TEMPERATURES
 VERY LOW FREQUENCY INTERFERING VIBRATING SAMPLE MAGNETOMETER (VLSVM) WITH HIGH DIFFERENTIAL SENSITIVITY IN HIGH DC
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 SOLAR RESEARCH AND INSTRUMENTATION PROGRAMS AT SACRAMENTO PEAK OBSERVATORY AND HIGH ALTITUDE OBSERVATORY FINAL REPORT
 COVARIANT THEORY OF THE DISINTEGRATION OF THE DEUTERON BY PIONS AND PHOTONS AT HIGH ENERGY
 CHANGE OF TRANSITION TEMPERATURES OF ANTIFERROMAGNETIC CRYSTALS AS A FUNCTION OF HIGH HYDROSTATIC PRESSURES
 AN EXPERIMENTAL INVESTIGATION OF THE TRANSPORT PROPERTIES OF ARGON IN A PULSED, HIGH CURRENT ARC
 INVESTIGATION OF STRONG PLASMA WAVES AND THE DYNAMICS OF LASER INDUCED PLASMAS IN HIGH PRESSURE GASES
 A MASS SPECTROMETRIC STUDY OF THE BERYLLIUM OXIDE-BERYLLIUM DIFLUORIDE SYSTEMS AT HIGH TEMPERATURES
 MATHEMATICAL THEORY OF STEADY COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS FINAL REPORT
 NUMBER DENSITY DETERMINATION IN THE ATMOSPHERE OF DEUTERUM HYDROGEN AND COSMIC GAS CONSTITUENTS BY USE OF A HIGH INTENSITY
 COMPARATIVE STUDIES OF THE ATTACK OF HYDROLYTIC AND ISOTROPIC GRAPHITE BY ATOMIC AND MOLECULAR OXYGEN AT HIGH
 VERY LOW FREQUENCY INTERFERING VIBRATING SAMPLE MAGNETOMETER (VLSVM) WITH HIGH DIFFERENTIAL SENSITIVITY IN HIGH DC
 PULSE TECHNIQUE FEASIBILITY STUDY ON MULTIWATT RF GAS HEATERS AND RESEARCH ON ELECTRODELESS DISCHARGES AT HIGH
 SPECTRAL PERMISSIVITY CALCULATIONS BY THE STATISTICAL MODEL APPLIED TO THE 4-5 MICRONS BANDS OF CARBON DIOXIDE AT HIGH

HIGH-ALTITUDE
 THE /C/ LAUNCH TECHNIQUE FOR HIGH-ALTITUDE BALLOONS
 PHOTO-OPTICAL MEASUREMENTS ON HIGH-ALTITUDE HARIUM RELEASES FINAL REPORT JUNE 1968
 MEASUREMENTS OF TURBULENCE AND DIFFUSION IN HIGH-ALTITUDE CHEMICAL CLOUDS FINAL REPORT JULY 1968
 THE IN-FLIGHT DEPLOYMENT OF HEAVY PAYLOAD TRAINS BENEATH ASCENDING HIGH-ALTITUDE BALLOONS

HIGH-CURRENT
 HIGH-CURRENT TRIODE WITH NONINTERCEPTING CONTROL ELECTRODE

HIGH-DENSITY-SPARK
 TURBULENT EDIES IN HIGH-DENSITY-SPARK CHANNELS IN HELIUM

HIGH-EFFICIENCY
 RESEARCH ON THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH-EFFICIENCY COS THIN-FILM SOLAR CELLS

HIGH-ENERGY
 HIGH-ENERGY ELECTRON SCATTERING AS A TEST OF THE NUCLEAR CLUSTER MODEL
 HIGH-ENERGY ROUNDS FOR PRODUCTION REACTIONS
 MODEL OF THE HIGH-ENERGY PHASE OF SOLAR FLARES
 ABSORPTION IN HIGH-ENERGY PHOTOPRODUCTION
 REGGE POLES AND HIGH-ENERGY SINGLE-PARTICLE PRODUCTION
 DETECTION AND STUDY OF HIGH-ENERGY COSMIC PHOTONS FINAL REPORT MARCH 1967
 IMPROVED CATHODE SYSTEMS FOR HIGH-ENERGY PRIMARY BATTERIES
 MULTIPLE DIFFRACTION THEORY OF HIGH-ENERGY COLLISIONS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS FINAL REPORT DEC 1967
 CONSISTENCY CONDITIONS ON MODELS FOR HIGH-ENERGY SCATTERING
 NON-USUAL TOPOLOGIES ON SPACE-TIME AND HIGH-ENERGY SCATTERING
 CORRELATION BETWEEN PHOTOCHEMISTRY AND HIGH-ENERGY RADIATION CHEMISTRY
 RADIATION DAMAGE AND CHEMICAL REACTIONS INDUCED IN CRYSTALLINE SOLIDS BY HIGH-ENERGY PROTON BOMBARDMENT FINAL REPORT
 REGULARITIES ARISING IN THE COMPOSITE-HADRON PICTURE IN TERMS OF A THEORY OF HIGH-ENERGY CURRENTS

HIGH-FIELD
 HIGH-FIELD ELECTRONIC PHENOMENA IN THIN FILMS
 MAGNETOACOUSTIC ATTENUATION IN HIGH-FIELD SUPERCONDUCTORS
 EFFECT OF PAULI PARAMAGNETISM ON MAGNETIC PROPERTIES OF HIGH-FIELD SUPERCONDUCTORS

HIGH-FREQUENCY
 HIGH-FREQUENCY PARAMAGNETIC-RESONANCE STUDIES OF TRIVALENT DYSPROSIUM IN CALCIUM FLUORIDE
 THEORY OF THE INTERACTION OF HIGH-FREQUENCY SOUND WAVES AND ELECTRON

HIGH-GAIN
 HIGH-GAIN UHF BACKFIRE ANTENNA FOR COMMUNICATIONS TELEMETRY AND RADIO ASTRONOMY

HIGH-INTENSITY
 TEMPORAL FEATURES OF HIGH-INTENSITY AURORAL MICROBURSTS

HIGH-LEVEL
 OSCILLATOR STRENGTHS FOR HIGH-LEVEL TRANSITIONS IN HYDROGEN
 NUMERICAL EXPERIMENTS WITH A VERTICALLY PARAMETRIZED MODEL DESIGNED TO STUDY THE EFFECTS OF HIGH-LEVEL HEATING ON THE

HIGH-MAGNETIC-FIELD
 HIGH-MAGNETIC-FIELD STUDIES OF ORTHORHOMBIC AND MONORHOMBIC ALUMINUM IRON OXIDE COMPOUNDS

HIGH-POWER
A HIGH-POWER UNTUNED RADIO-FREQUENCY TRANSMITTER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY AFOSR66-1847

HIGH-PRESSURE
HIGH-PRESSURE METALLIC POLYMORPH OF CADMIUM ARSENIDE AFOSR66-1306
RADIATION FROM HIGH-PRESSURE PLASMAS ARL 66-0054
RADIATION FROM HIGH-PRESSURE PLASMAS ARL 66-0049
CRYSTAL CHEMISTRY OF NEW HIGH-PRESSURE PHASER FINAL REPORT JAN 1968 AFOSR66-0242
RADIATION MEASUREMENTS FROM A PULSED HIGH-PRESSURE NITROGEN ARC FINAL REPORT AUGUST 1968 ARL 66-0152
INVESTIGATION OF THE COMPRESSIBILITY OF LIP BY HIGH-PRESSURE HIGH-TEMPERATURE X-RAY DIFFRACTION METHODS FINAL REPORT AFOSR66-0441
BREAKDOWN MINIMA DUE TO ELECTRON-IMPACT IONIZATION IN SUPER-HIGH-PRESSURE GASES IRRADIATED BY A FOCUSED GIANT-PULSE AFOSR67-0767

HIGH-PURITY
TRANSGRANULAR STRESS-CORROSION CRACKING MECHANISMS IN HIGH-PURITY AUSTENITIC STAINLESS STEEL AFOSR66-1430
PROPAGATION OF FINITE AMPLITUDE WAVES IN SINGLE CRYSTALS OF HIGH-PURITY ALUMINUM AFOSR67-1939

HIGH-RESOLUTION
HIGH-RESOLUTION STUDY OF ELECTRON-IMPACT SPECTRA AT KINETIC ENERGIES BETWEEN 33 AND 100 ELECTRON VOLT AND SCATTERING ANTENNA PROCESSING FOR HIGH-RESOLUTION MAPPING AFOSR66-2906
OBSERVATIONS OF THE SPATIAL STRUCTURE OF INTERSTELLAR HYDROGEN I HIGH-RESOLUTION OBSERVATIONS OF A SMALL REGION AFOSR67-0837
AFOSR66-1978

HIGH-SPEED
APPLICATION OF HIGH-SPEED HOLOGRAPHIC PHOTOMICROSCOPY ARL 67-1344
OPTICAL MEASUREMENT OF RADIAL DENSITY DISTRIBUTIONS IN A HIGH-SPEED COMPRESSED AIR VORTEX, FINAL REPORT DEC 1967 ARL 67-0236

HIGH-STABILITY
HIGH-STABILITY PHOTOMETER UTILIZING OPTICAL FEEDBACK AFOSR66-0364

HIGH-STRENGTH
PREPARATION AND INVESTIGATION OF HIGH-STRENGTH WIRES AFOSR67-0835

HIGH-STRESS
HIGH-STRESS OPTICAL BIREFRINGENCE IN PURE AND DEGENERATE N-TYPE GERMANIUM AFOSR66-0884

HIGH-TEMPERATURE
HIGH-TEMPERATURE CHEMISTRY CURRENT AND FUTURE PROBLEMS CONFERENCE ORGANIZED AT RICE UNIVERSITY HOUSTON TEXAS JANUARY AFOSR67-1882
HIGH-TEMPERATURE THERMAL CONDUCTIVITY OF ARGON AFOSR66-2024
HIGH-TEMPERATURE ELECTRICAL PROPERTIES OF MANGANESE MONOXIDE ARL 66-0147
HIGH-TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NiO ARL 66-0199
INDUCTION-HEATED HIGH-TEMPERATURE BALANCE SYSTEM ARL 67-0171
INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES ARL 66-0060
INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES FINAL REPORT NOVEMBER 1968 ARL 66-0217
KINETICS OF THE ATTACK OF HIGH-TEMPERATURE MOLYBDENUM AND TUNGSTEN BY ATOMIC OXYGEN AFOSR67-1906
SPECTROSCOPIC STUDIES IN A HIGH-TEMPERATURE HYDROGEN-ARC PLASMA ARL 66-1141
MEASUREMENT OF RF IONIZATION RATES IN HIGH-TEMPERATURE AIR AFOSR67-0700
A STUDY OF THE PHYSICAL PROPERTIES OF HIGH-TEMPERATURE SINGLE CRYSTALS FINAL REPORT SEPT 1967 AFOSR67-0645
INVESTIGATION OF THE COMPRESSIBILITY OF LIP BY HIGH-PRESSURE HIGH-TEMPERATURE X-RAY DIFFRACTION METHODS FINAL REPORT AFOSR66-0441
ANALYTICAL CONTRIBUTIONS TO THE HELMHOLTZ FREE ENERGY OF A SIMPLE CRYSTAL MODEL HIGH-TEMPERATURE LIMIT AND ZERO-POINT AFOSR66-0053

HIGH-VELOCITY
ABUNDANCES IN TWO EXTREMELY HIGH-VELOCITY STARS AFOSR67-2196

HIGH-VOLTAGE
CURRENT MEASUREMENTS IN HIGH-VOLTAGE RADIO FREQUENCY PLASMA DISCHARGES AFOSR66-0223

HIGHER
HIGHER ORDER APPROXIMATIONS IN THE THEORY OF LONGITUDINAL PLASMA OSCILLATIONS AFOSR66-1055
HIGHER MODES IN COLLECTIVE NUCLEI ARL 66-1041
STRONG DECAYS OF HIGHER SPIN NUCLEON RESONANCES IN O^{14}, B^7 AFOSR66-0117
SOME PROPERTIES OF HIGHER ORDER COHERENCE FUNCTIONS AFOSR67-2053
DISPERSION RELATIONS AND HIGHER SYMMETRIES AFOSR67-0585
POSTNIKOV INVARIANTS AND HIGHER ORDER COHOMOLOGY OPERATIONS AFOSR67-1461
SOME REMARKS ON THE FIELD THEORY FOR HIGHER SPIN AFOSR67-0121
LAGRANGE FORMULATION FOR SYSTEMS WITH HIGHER SPIN AFOSR66-0137
A SELECT BIBLIOGRAPHY ON STUDENTS POLITICS AND HIGHER EDUCATION AFOSR66-0870
THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION IN HIGHER DIMENSIONS AFOSR66-2227
AN EXPLORATORY REVIEW AND CRITIQUE OF THE LITERATURE RELATING TO TRENDS AND CHANGES IN HIGHER EDUCATION FINAL REPORT AFOSR66-1547

HIGHER-ORDER
HIGHER-ORDER CORRECTIONS TO COLLECTIVE PARTICLE-HOLE EXCITATIONS USING GREEN FUNCTION TECHNIQUES AFOSR66-1372
HIGHER-ORDER LOW-ENERGY THEOREMS FOR NUCLEON COMPTON SCATTERING AFOSR66-1502
DEGREE OF HIGHER-ORDER OPTICAL COHERENCE AFOSR66-1050
A SURVEY OF HIGHER-ORDER BOUNDARY-LAYER THEORY AFOSR67-2291

HILBERT
RIGGED HILBERT SPACES IN QUANTUM MECHANICS AFOSR67-0141
DAVIDOV'S METHOD IN HILBERT SPACE AFOSR66-2112
SCATTERING THEORY IN TWO HILBERT SPACES AFOSR66-0610
SECOND QUANTIZATION AS A GRADED HILBERT SPACE REPRESENTATION AFOSR66-1130
SOME APPLICATIONS OF REPRODUCING KERNEL HILBERT SPACES AFOSR66-1473
A DIFFERENCE INEQUALITY FOR OPERATORS IN HILBERT SPACE ARL 67-1267
REPRESENTATIONS OF THE ALGEBRA OF ALL OPERATORS IN HILBERT SPACE AND RELATED ANALYTIC FUNCTION ALGEBRAS AFOSR67-2648
LOWER BOUNDS AND UNIQUENESS THEOREMS FOR SOLUTIONS OF DIFFERENTIAL EQUATIONS IN A HILBERT SPACE AFOSR67-2847

HILL-MEISSNER
SOLUTIONS OF THE HILL-MEISSNER DIFFERENTIAL EQUATION ARL 67-1196

HILLCLIMBING
A HILLCLIMBING TECHNIQUE USING PIECEWISE CURVIC APPROXIMATION AFOSR67-1287

HINDRANCE
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XL STERIC HINDRANCE TO ENERGY TRANSFER AFOSR67-0094

HIPPOCAMPAL
HIPPOCAMPAL STATES AND FUNCTIONAL RELATIONS WITH CORTICOSUBCORTICAL SYSTEMS IN ATTENTION AND LEARNING AFOSR67-2584

HISTAMINE-CONTAINING
INDUCTION OF FLUORESCENCE IN HISTAMINE-CONTAINING CELLS AFOSR68-0193

HISTOCHEMICAL
BIOCHEMICAL AND HISTOCHEMICAL STUDIES ON THE EFFECTS OF IMIPRAMINE-LIKE DRUGS AND DEXTRO-AMPHETAMINE ON CENTRAL AND MONODAMINIC AND SLEEP POLYGRAPHIC NEUROPHARMACOLOGICAL AND HISTOCHEMICAL STUDY OF SLEEP IN THE CAT /FRENCH/ AFOSR67-0865
AFOSR67-0511

HISTORY
A HISTORY OF INTENSE MAGNETIC FIELDS AND THEIR CONTRIBUTION TO PHYSICS AFOSR68-1090
THE OPERATING HISTORY OF THE INTERNATIONAL SOLAR FLARE PATROL 1955-1966 AFOSR67-0135
TEMPERATURE-TIME HISTORY OF RIGHT CIRCULAR CYLINDER IN HYPERSONIC FLOW ARL 68-0149
CHINESE COMMUNIST HISTORY - THE AUTUMN HARVEST INSURRECTION AFOSR68-1414
BIOMECHANICS ITS SCOPE HISTORY AND SOME PROBLEMS OF CONTINUUM MECHANICS IN PHYSIOLOGY AFOSR68-0993

HICHSSTER
DAS MESSSEN HOCHSTER TEMPERATUREN THE MEASUREMENT OF EXTREMELY HIGH TEMPERATURES ARL 68-0328

HOFFMAN-FLESHLER
A MODIFICATION OF THE HOFFMAN-FLESHLER GRID SHOCK SCRAMBLER AFOSR67-1950

HOLDER
ROTATING SAMPLE HOLDER FOR X-BAND ULTRASONICS AFOSR68-0681
A DIFFERENTIAL THERMAL ANALYSIS SAMPLE HOLDER FOR USE TO 1700 DEGREES C ARL 68-0235
A DIFFERENTIAL THERMAL ANALYSIS SAMPLE HOLDER FOR USE TO 1700 DEGREES C ARL 68-0332

HOLE
HOLE TRAPPING AND THE IONIZATION ENERGY OF NATIVE ACCEPTOR CENTERS IN AGBR AFOSR67-0011
PARTICLE STATE IN CLOSED SHELL NUCLEI ARL 68-1105
CREEP STRESS CONCENTRATION AT A CIRCULAR HOLE IN AN INFINITE PLATE AFOSR67-1399
ON THE FLOW OF AN INFINITE ELASTIC PLATE CONTAINING A LARGE UNSTRESSED CIRCULAR HOLE AFOSR68-0816

HOLE-BURNING
DIRECT OBSERVATION OF HOLE-BURNING LORNTZ WIDTHS AND COLLISION BROADENING USING STIMULATED EMISSION TECHNIQUES AFOSR67-2663

HOLES
THE HALL MOBILITY OF ELECTRONS AND HOLES IN MNO AT HIGH TEMPERATURES ARL 68-0159
NONLINEAR MAGNETO-OPTICS OF ELECTRONS AND HOLES IN SEMICONDUCTORS AND SEMIMETALS AFOSR67-1126

HOLLOW
INVESTIGATION OF ELECTRON BEAM AND HOLLOW CATHODE PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT NOV AFOSR68-0004
MEASUREMENTS OF PLASMA ROTATION IN A HOLLOW CATHODE DISCHARGE ARL 67-1301

HOLLOW-CATHODE
PLASMA WAVES AND ROTATION IN THE GAS-FED HOLLOW-CATHODE ARC AFOSR68-1724
PLASMA WAVES AND ROTATION IN THE GAS-FED HOLLOW-CATHODE ARC ARL 67-1302

HOLOM
MAGNETIC MOMENT MEASUREMENTS IN SINGLE-CRYSTAL DYSPROSIUM HOLOM EUROPIUM AND GADOLINIUM IN DC FIELDS UP TO 170 KG AFOSR67-1674

HOLOGRAPHIC
APPLICATION OF HIGH-SPEED HOLOGRAPHIC PHOTOMICROSCOPY ARL 67-1345
PLASMA DIAGNOSTICS THROUGH HOLOGRAPHIC TECHNIQUES AFOSR68-1715
PLASMA DIAGNOSTICS THROUGH HOLOGRAPHIC TECHNIQUES AFOSR68-1815

HOLOGRAPHY
HOLOGRAPHY ARL 68-1129
HOLOGRAPHY ARL 68-1133
THEORY OF HOLOGRAPHY AFOSR68-0673
FIELD RANGE AND RESOLUTION IN HOLOGRAPHY AFOSR67-0761

HOLONORPH
HOLONORPH CONVEXITY IN THE SPACE OF CYCLES OF AN ALGEBRAIC VARIETY AFOSR67-1273

HOLONORPHIC
HOLONORPHIC FUNCTIONS AND HAUSDORFF DIMENSION AFOSR67-1369
ON THE RING OF HOLONORPHIC FUNCTIONS ON AN OPEN RIEMANN SURFACE AFOSR68-1500
DERIVATION PAIRS ON THE HOLONORPHIC FUNCTIONS AFOSR68-0788
UNIQUENESS CONDITIONS FOR CERTAIN HOLONORPHIC MAPPINGS AFOSR67-1092
MINIMAL IDEALS IN THE ALGEBRA OF BOUNDED HOLONORPHIC FUNCTIONS AFOSR67-1362
THE SET OF ASYMPTOTIC VALUES OF A BOUNDED HOLONORPHIC FUNCTION AFOSR68-2852
A CHARACTERIZATION OF THE SET OF ASYMPTOTIC VALUES OF A FUNCTION HOLONORPHIC IN THE UNIT DISC AFOSR68-2853

HOLONORPHY
ON SERRI DUALITY AND ENVELOPES OF HOLONORPHY AFOSR68-0512

HOMIOSTASIS
MATHEMATICAL MODEL OF GLUCOSE HOMIOSTASIS ARL 68-1267

HOMODYNE
100 KHZ HOMODYNE 35 GHZ REFLECTION-CAVITY SPECTROMETER WITH PHASE-LOCK OF THE REFERENCE SIGNAL AND LOW FREQUENCY FIELD AFOSR67-1136

HOMOGENEOUS

| | |
|--|--------------|
| HOMOGENEOUS NUCLEATION AND GROWTH OF DROPLETS IN VAPOURS | AFOSR67-0507 |
| HOMOGENEOUS LICHNEROWICZ UNIVERSES | AFOSR68-0127 |
| TORSIONAL VIBRATIONS OF HOMOGENEOUS AND SANDWICH SPHERICAL CAPS AND CIRCULAR PLATES | AFOSR67-1982 |
| DYNAMICS AND VIBRATIONS OF HOMOGENEOUS AND LAYERED PLATES AND SHELLS INCLUDING THOSE OF SANDWICH CONSTRUCTION FINAL | AFOSR67-2368 |
| A UNIFIED LINEAR THEORY OF HOMOGENEOUS AND STRATIFIED ROTATING FLUIDS | AFOSR68-0389 |
| EXPANSIONS IN TERMS OF THE HOMOGENEOUS SOLUTIONS OF THE HEAT EQUATION | AFOSR68-1972 |
| ON THE LIMIT SETS OF THE $E \times I$ HOMOGENEOUS NETS | AFOSR67-0039 |
| SIGNAL DISTORTION IN ANISOTROPIC HOMOGENEOUS IONIZED MEDIA I LONGITUDINAL MAGNETIC FIELD | AFOSR67-0879 |
| DISSIPATION FACTOR OF THE TORSIONAL MODE FOR A HOMOGENEOUS- MANTLE EARTH WITH A SOFT-SOLID OR A VISCOUS-LIQUID CORE | AFOSR67-2150 |
| FLUCTUATIONS OF A RAM WAVE PROPAGATING THROUGH A LOCALLY HOMOGENEOUS MEDIUM | AFOSR68-0433 |
| MEASUREMENT OF THE CONDUCTIVITY AND DIELECTRIC CONSTANT OF A HOMOGENEOUS MEDIUM BY MEANS OF WAVE PROPAGATION | AFOSR68-0440 |
| INFLUENCE OF TRANSVERSE SHEAR AND EDGE CONDITION ON NONLINEAR VIBRATION AND DYNAMIC BUCKLING OF HOMOGENEOUS AND | AFOSR67-1011 |
| HOMOLOGICAL | |
| A HOMOLOGICAL APPROACH TO PARAMETRIC FEYNMAN INTEGRALS | AFOSR67-1639 |
| HOMOLOGOUS | |
| VIBRATIONAL ENERGY TRANSFER FROM A HOMOLOGOUS SERIES OF CHEMICALLY ACTIVATED RADICALS | AFOSR68-2139 |
| HOMOMORPHIC | |
| HOMOMORPHIC THEORY | AFOSR67-0249 |
| ON THE HOMOMORPHIC GROUPS OF STEIN SPACES | AFOSR67-1938 |
| HOMOLYSIS | |
| RADICAL-IONIC REACTION MECHANISMS HOMOLYSIS OF THE CARBONIUM ION T-BUTYL PROPENIUMPERACETATE | AFOSR67-0220 |
| HOMOTOPIC | |
| ON HOMOTOPIC HARMONIC MAPS | AFOSR67-2127 |
| ON HOMOTOPIC HARMONIC MAPS | AFOSR68-2562 |
| HONOLULU | |
| PROCEEDINGS OF THE HAWAII 1971 NATIONAL CONFERENCE ON SYSTEMS SCIENCES UNIVERSITY OF HAWAII HONOLULU HAWAII 29-31 | AFOSR68-2085 |
| A REPORT ON JOINT AMERICAN PHYSICAL SOCIETY AND JAPANESE PHYSICAL SOCIETY MEETING ON FLUID DYNAMICS HONOLULU HAWAII | AFOSR67-0613 |
| HONOR | |
| DYNAMICS OF FLUIDS AND PLASMAS-SYMPOSIUM HELD IN HONOR OF PROFESSOR J. H. BURGERS UNIVERSITY OF MARYLAND OCTOBER 7-9 | AFOSR67-0939 |
| HOPF | |
| COCOMMUTATIVE HOPF ALGEBRAS | AFOSR67-1090 |
| HOPKINS | |
| CRYSTAL SPECTROSCOPY AT THE JOHNS HOPKINS UNIVERSITY | AFOSR68-2114 |
| HOPPING | |
| EFFECTS OF PRESSURE ON THE HOPPING PROCESS SMALL POLARONIC | ARL 67-1296 |
| HORIZON | |
| ROCKET IN HORIZON DATA ANALYSIS FINAL REPORT JUNE 1968 | AFOSR68-0300 |
| HORIZONTAL | |
| ON THE BLUE END OF THE HORIZONTAL BRANCH IN GLOBULAR CLUSTERS | AFOSR68-1046 |
| NATURAL CONVECTION FROM A HORIZONTAL CYLINDER AT MODERATE GRASHOF NUMBERS | ARL 67-0272 |
| NATURAL CONVECTION FROM A HORIZONTAL CYLINDER IN THE PRESENCE OF A SOUND FIELD GIVING LARGE STREAMING REYNOLDS NUMBERS | ARL 68-0048 |
| ESTIMATES OF SPECTRAL ENERGY DENSITY APPLIED TO VERTICAL PROFILES OF THE HORIZONTAL WIND IN THE LOWER TROPOSPHERE | AFOSR67-0084 |
| HORMONE | |
| RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND FINAL REPORT OF | AFOSR68-0812 |
| RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND | AFOSR68-2330 |
| HYPOTHALAMIC SECRETORY FACTOR FOR ADRENOCORTICOTROPIC HORMONE FINAL REPORT NOV 1968 | AFOSR68-2333 |
| HORNBOOK | |
| A HORNBOOK OF HAZARDS FOR LINGUISTS FINAL REPORT APRIL 1967 | AFOSR67-0770 |
| HOST | |
| HOST CRYSTAL EFFECTS ON THE ELECTRON PARAMAGNETIC RESONANCE OF CARBON AND TRIVALENT YTTERBIUM IN II-VI COMPOUNDS | AFOSR67-0797 |
| HOSTAGE | |
| PRISONERS IN THE COLD WAR HOSTAGE ACTORS IN LOYALTY PLAYS | AFOSR68-1409 |
| HOT-CARRIER | |
| HOT-CARRIER INSB MICROWAVE MODULATION | AFOSR68-0963 |
| HOT-PLASMA | |
| EXCITATION OF WAVES IN HOT-PLASMA WAVEGUIDES WITH INFINITE MAGNETOSTATIC FIELDS | AFOSR67-0432 |
| HUANG-PHYS | |
| EVALUATION OF THE HUANG-PHYS FACTOR AND THE HALF-BAND OF THE P-BAND IN KCl AND NaCl CRYSTALS | AFOSR68-1132 |
| HUCKEL | |
| EXTENDED HUCKEL THEORY AND THE SHAPE OF MOLECULES | AFOSR67-2465 |
| HUMAN | |
| HUMAN FACTORS AND THE DESIGN OF TIME SHARING COMPUTER SYSTEMS | AFOSR68-0054 |
| HUMAN INFORMATION-PROCESSING CONCEPTS FOR SYSTEM ENGINEERS | AFOSR67-1740 |
| HUMAN PERFORMANCE IN CONTINGENT INFORMATION PROCESSING TASKS | AFOSR67-1801 |

HUMAN

- CONTINUED

HUMAN PERFORMANCE IN INFORMATION PROCESSING AND STORAGE FINAL REPORT JULY 1967
THE HUMAN EYE-MOVEMENT MECHANISM EXPERIMENTS A MODELING AND MODEL TESTING FINAL REPORT JUNE 1967
AN EXAMPLE OF HUMAN CHESS PLAY IN THE LIGHT OF CHESS PLAYING PROGRAMS
ON THE ANALYSIS OF HUMAN PROBLEM SOLVING PROTOCOLS
MEMORY AND THOUGHT IN HUMAN INTELLECTUAL PERFORMANCE
INTER-JUDGE RELIABILITY OF HUMAN FIGURE DRAWING MEASURES OF FIELD DEPENDENCE
PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS FINAL REPORT JUNE 1967
PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS
THE REMINDING OF CARBON MONOXIDE BY HUMAN HEMOGLOBIN
INFORMATION PROCESSING IN EVERYDAY HUMAN ACTIVITY
AN INFORMATION PROCESSING THEORY OF HUMAN DECISION MAKING UNDER UNCERTAINTY AND RISK
RECENT PSYCHOLOGICAL RESEARCH RELEVANT TO THE HUMAN FACTORS ENGINEERING OF MAN-MACHINE SYSTEMS
A NONLINEAR MODEL FOR BLOOD SUGAR CONTROL IN THE HUMAN BODY
PRELIMINARY OBSERVATIONS ON THE POWER SPECTRUM OF THE HUMAN EEG /ITALIAN/

AFOSR67-1874
SHL 67-0005
AFOSR67-0260
AFOSR67-2204
AFOSR67-1816
AFOSR67-1836
AFOSR67-0679
AFOSR67-2402
AFOSR67-2730
AFOSR67-1521
AFOSR67-2129
AFOSR67-1874
ARL 67-1031
AFOSR67-0944

HUMANS

FACTORS IN HUMANS FINAL REPORT MAY 1967
DESCRIPTION OF AN EXPERIMENT INVESTIGATING TERM RELATIONSHIPS AS INTERPRETED BY HUMANS

AML 67-0011
AFOSR67-1599

HUMIDITY

HUMIDITY UP TO THE MESOPAUSE
STRATOSPHERIC HUMIDITY SENSING WITH THE ALPHA RADIATION HYGROMETER
PERFORMANCE OF THIN FILM HUMIDITY SENSORS
AN EVALUATION OF THE ALUMINUM OXIDE HUMIDITY ELEMENT

AFOSR67-0550
AFOSR67-0604
AFOSR67-0541
AFOSR67-0547

HUMIDITY-TEMPERATURE

ERROR ANALYSIS OF THE HUMIDITY-TEMPERATURE MEASURING SET AN/TMO-11

AFOSR67-0154

HUNDS

THEORY OF MAGNETIC HYPERFINE AND ZEPHAN INTERACTIONS FOR HUNDS CASE

AFOSR67-0144

HUYGENS

AN EXPLICIT DETERMINATION OF THE EMPTY SPACE-TIMES ON WHICH THE WAVEEQUATION SATISFIES HUYGENS PRINCIPLES

ARL 67-1329

HYBRID

A HYBRID DATA ACQUISITION AND CONTROL SYSTEM FOR A HYPERSONIC WIND TUNNEL COMPLEX
SOLUTION OF INTEGRAL EQUATIONS BY HYBRID COMPUTATION
PRESSURE DEPENDENCE OF HYDROLYZED HYBRID FUEL REGRESSION RATES
STUDY OF ON-LINE DATA ANALYSIS WITH A HYBRID COMPUTER FINAL REPORT JULY 1968
AN EXPERIMENTAL INVESTIGATION OF THE ION-ION HYBRID RESONANCE

ARL 68-1385
AFOSR67-1485
AFOSR67-1902
AFOSR67-0353
AFOSR67-1660

HYDRATE

ULTRASONIC RELAXATION OF HYDRATE HELTS CALCIUM NITRATE TETRAHYDRATE

AFOSR67-2587

HYDRATION

HYDRATION OF IONS IN ACETONITRILE
HYDRATION OF UNDISSOCIATED SALTS IN ACETONITRILE
THE HYDRATION NUMBER AND RATE OF WATER EXCHANGE OF THE TRIMETHYLPYRROLINIUM /IV/ ION IN AQUEOUS SOLUTION DETERMINED BY

AFOSR67-1209
AFOSR67-1685
AFOSR67-2864

HYDRAULIC

BEAR HYDRAULIC JUMPS IN SHALLOW WATER

AFOSR67-0230

HYDRAZINE

THE REACTION OF HYDRAZINE AND CHLORINE PENTAFLUORIDE IN A LABORATORY ROCKET COMBUSTOR
THE DEFLAGRATION OF HYDRAZINE DIPHOSPHATE
HYDROGEN-ABSTRACTION REACTIONS BY ETHYL RADICALS FROM METHYLAMINES AND HYDRAZINE

AFOSR67-1254
AFOSR67-1929
AFOSR67-2043

HYDRAZINE/NITROGEN

THEORETICAL EFFECT OF NONEQUILIBRIUM COMBUSTION ON HYDRAZINE/NITROGEN TETROXIDE PROPELLANT PERFORMANCE

AFOSR67-1290

HYDRAZINES

ANIONIC REARRANGEMENT OF HYDRAZINES II ISOMERS OF BIS /ORGANOSILYL/ HYDRAZINES

AFOSR67-0200

HYDRAZONES

SYNTHESIS OF AZO COMPOUNDS BY REARRANGEMENT OF HYDRAZONES

ARL 67-1190

HYDRIDE

HYDRIDE ION TRANSFER REACTIONS IN HYDROCARBON SYSTEMS
LATTICE DYNAMICS AND THERMAL PROPERTIES OF LITHIUM HYDRIDE AND LITHIUM DEUTERIDE CRYSTALS
MOLECULAR ORBITAL STUDIES OF THE GROUND AND LOW-LYING EXCITED STATES OF THE LITHIUM HYDRIDE MOLECULAR ION

ARL 68-1042
AFOSR67-1127
AFOSR67-2080

HYDRIDES

HALOGENATED-METAL COMPOUNDS & THE REACTION OF ORGANOSILICON ORGANOGermanium AND ORGANOTIN HYDRIDES WITH
CHEMISTRY OF THE METAL CARBYNLS PART XIV REACTIONS BETWEEN HEXAFLUOROBUT-1,3-DIENE AND THE PENTACARBONYL HYDRIDES OF

AFOSR67-1133
AFOSR67-1133

HYDROCARBON

HYDRIDE ION TRANSFER REACTIONS IN HYDROCARBON SYSTEMS
LIQUID DENSITY AND EXCESS VOLUME OF LIGHT HYDROCARBON MIXTURES AT -165 DEGREES CENTIGRADE
GROUND STATES OF CONJUGATED MOLECULES. II. HYDROCARBON RADICALS AND RADICAL IONS
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS
COMBUSTION OF ALUMINUM, MAGNESIUM, AND ALUMINUM SUSPENSIONS IN HYDROCARBON FUELS
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS
MASS SPECTROMETRIC INVESTIGATION OF H₂ AND H₂O₂ TRANSFER REACTIONS OF HYDROCARBON IONS
ENERGY DISTRIBUTION IN ELECTRONICALLY EXCITED CH AND CARBON IN LOW PRESSURE HYDROCARBON FLAMES

ARL 68-1042
AFOSR67-2130
AFOSR67-1596
ARL 68-0319
ARL 68-1045
ARL 68-1073
ARL 67-0110
AFOSR67-1577

HYDROCARBON-OXYGEN

KINETICS OF HYDROGEN-OXYGEN AND HYDROCARBON-OXYGEN REACTIONS FINAL REPORT OCT 1968

AFOSR67-0381

HYDROCARBONS

ACIDITY OF HYDROCARBONS XXI EQUILIBRIUM ACIDITIES OF SOME HYDROCARBONS TOWARDS LITHIUM CYCLOHEXYLAMINE IN
 ACIDITY OF HYDROCARBONS XXII RELATIVE EQUILIBRIUM ACIDITIES OF HYDROCARBONS TOWARD CESIUM CYCLOHEXYLAMINE
 CHEMICAL IONIZATION MASS SPECTROMETRY OF HYDROCARBONS
 IONIC POLYMERIZATION OF SIMPLE UNSATURATED HYDROCARBONS, ACETYLENE AND ETHYLENE
 LUMINESCENCE AND PHOSPHORESCENCE OF AROMATIC HYDROCARBONS IN SOLID MATRICES
 QUENCHING OF EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS BY CONJUGATED DIENES
 ACIDITY OF HYDROCARBONS XXI EQUILIBRIUM ACIDITIES OF SOME HYDROCARBONS TOWARDS LITHIUM CYCLOHEXYLAMINE IN
 A NEW METHOD FOR THE SYNTHESIS OF RADICAL CATIONS OF AROMATIC HYDROCARBONS
 ACIDITY OF HYDROCARBONS XXII RELATIVE EQUILIBRIUM ACIDITIES OF HYDROCARBONS TOWARD CESIUM CYCLOHEXYLAMINE
 CONJUGATED DIENES AS QUENCHERS FOR EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS
 ELECTRON SPIN RESONANCE STUDY OF MONO- AND DIMERIC CATIONS OF AROMATIC HYDROCARBONS
 LOW-LYING EXCITED TRIPLET STATES AND INTERSYSTEM CROSSING IN AROMATIC HYDROCARBONS
 INTERMEDIATE COLLISION COMPLEXES IN ION-MOLECULE REACTIONS IN UNSATURATED HYDROCARBONS
 GROUND STATES OF SIGMA-BONDED MOLECULES I A SEMIEMPIRICAL SCF NO TREATMENT OF HYDROCARBONS

AFOSR67-0730
 AFOSR67-0731
 ARL 67-1132
 ARL 67-1237
 ARL 67-1173
 AFOSR68-0835
 AFOSR67-0730
 AFOSR68-0366
 AFOSR67-0731
 AFOSR67-0109
 AFOSR68-0360
 ARL 67-1099
 ARL 67-1104
 AFOSR67-1733

HYDROCHLORIC

CUPROUS CHLORIDE IN HYDROCHLORIC ACID ANALYSIS AND SOLUBILITY

AFOSR68-0089

HYDROCHLORIDE

ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF GUANINE HYDROCHLORIDE DIMHYDRATE

AFOSR68-0163

HYDRODYNAMIC

PHILLOGRAPHY OF HYDRODYNAMIC ENTRANCE REGION FLOW
 BRILLOUIN LIGHT SCATTERING FROM CRYSTALS IN THE HYDRODYNAMIC REGION

AFOSR67-2022
 AFOSR68-1755

HYDRODYNAMICAL

ON THE LINEARIZED HYDRODYNAMICAL EQUATIONS IN TWO DIMENSIONS

AFOSR68-2923

HYDRODYNAMICS

THE GENERATION OF A BOUNDARY LAYER IN HYDRODYNAMICS
 GENERALIZED PRANDTL-WEYER WAVES IN RELAXED HYDRODYNAMICS

AFOSR68-0253
 AFOSR67-1992

HYDROFOIL

OPTIMUM PROPULSION OF AN OSCILLATING HYDROFOIL

AFOSR67-1153

HYDROGEN

HYDROGEN MIXING BY HELIUM-SHELL FLAMES
 HYDROGEN ADDITION RADICALS OF STILBESTROL HEXESTROL AND BENZESTROL
 REACTIONS OF HYDROGEN AND DEUTERIUM POSITIVE IONS IN HYDROGEN AND DEUTERIUM GASES
 THE EFFECT OF HYDROGEN CHARGING ON THE DETACH RELATIONSHIP FOR ZONE-REFINED IRON
 INTERACTION OF HYDROGEN ATOMS AND HYDROXYL RADICALS WITH 5-HALOGEN URACILS
 INTRAMOLECULAR HYDROGEN BONDING OF AZO DYES IN AQUEOUS SOLUTION
 INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE - PART I KINETIC RESULTS
 INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE PART II DISCUSSION AND EVALUATION OF VELOCITY CONSTANTS
 FIRST LIMIT OF THE HYDROGEN AND OXYGEN REACTION IN VESSELS COATED WITH BARIUM BROMIDE
 INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES
 INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES FINAL REPORT OCT 1968
 EXPERIMENTAL TESTS OF HYDROGEN B STARK BROADENING THEORY AT HIGH ELECTRON DENSITIES
 ELECTRON-DETACHMENT IN HYDROGEN MINUS ION PLUS FLUORINE AND ATOMIC HYDROGEN PLUS FLUORINE ION COLLISIONS
 THICKNESS OF A SHOCK WAVE IN HYDROGEN
 SCALED AND CALCULATIONS ON THE HYDROGEN MOLECULE I THE TRIPLET EXCITED STATE
 EXPERIMENTAL STUDIES OF ATOMIC HYDROGEN RECOMBINATION AT GLASS AND QUARTZ SURFACES FINAL REPORT MARCH 1967
 EFFECT OF WATER AND SOME OTHER HYDROGEN BOND DONORS AND ACCEPTORS ON PAH IN ACETONITRILE OF MIXTURES OF ACIDS AND
 SCALED AND CALCULATIONS ON THE HYDROGEN MOLECULE II
 TRANSITION PROBABILITIES OF THE HYDROGEN ATOM FROM NONCOMPACT DYNAMICAL GROUPS
 ELECTRON SPIN RESONANCE STUDY OF HYDROGEN ADDITION AND - REPLACEMENT REACTIONS IN SOME PYRIMIDINE COMPOUNDS
 ELECTRONIC STRUCTURE AND GEOMETRY OF HYDROGEN CYANIDE
 MEASUREMENTS OF G J RATIOS FOR 8885 8887 HYDROGEN AND DEUTERIUM AND OF THE HYPERFINE SEPARATION OF DEUTERIUM
 THE STRUCTURE OF ELECTROLYTE SOLUTIONS IN HYDROGEN BONDED SOLVENTS
 INHIBITION OF THE THERMAL REACTION BETWEEN HYDROGEN AND OXYGEN FINAL REPORT DEC 1966
 INTERPRETATION OF INDUCTION PERIODS IN THE HYDROGEN PLUS OXYGEN REACTION IN AGED BORIC-ACID-COATED VESSELS
 SPECIFIC SPOOT TESTS BASED ON THE RELEASE OF HYDROGEN CYANIDE FROM ACIDIC MERCURIC CYANIDE SOLUTION
 CARBON-METAL HYPERCONJUGATION IN METALLOCENE HYDROGEN EXCHANGE IN PHENYLFERROCENE
 CURRENT OPERATORS AND MAJORANA EQUATION FOR THE HYDROGEN ATOM FROM DYNAMICAL GROUPS
 LINE INTENSITY AND PRESSURE BROADENING STUDIES IN HYDROGEN FLUORIDE- AND OTHER PROBLEMS IN INFRARED SPECTROSCOPY FINAL
 OSCILLATOR STRENGTHS FOR HIGH-LEVEL TRANSITIONS IN HYDROGEN
 ORBITAL WAVEFUNCTIONS FOR ETHANE METHYL ALCOHOL AND HYDROGEN PEROXIDE
 REACTIONS OF HYDROGEN AND DEUTERIUM POSITIVE IONS IN HYDROGEN AND DEUTERIUM GASES
 EXPERIMENTS ON LASER INTERACTION WITH MATTER / FROZEN HYDROGEN/
 OBSERVATIONS OF THE SPATIAL STRUCTURE OF INTERSTELLAR HYDROGEN I HIGH-RESOLUTION OBSERVATIONS OF A SMALL REGION
 STEREOCHEMICAL COURSE OF THE FREE-RADICAL ADDITION OF HYDROGEN BROMIDE TO 1-CHLORO-4-T-BUTYLCYCLOHEXENE
 INTERPRETATION OF THE SLOW REACTION AND SECOND LIMIT OF HYDROGEN PLUS OXYGEN MIXTURES BY COMPUTER METHODS
 EXACT COMPUTATION OF THE VAN DER WAALS CONSTANT FOR TWO HYDROGEN ATOMS
 MULTIPLETS OF MASS IDENTIFIED H⁺ AND H²⁺ POSITIVE IONS IN HYDROGEN
 CONFIGURATION-INTERACTION STUDY OF THE LINEAR TRI ATOMIC HYDROGEN SYSTEM
 JUMPS ACROSS TRANSVERSE IONIZING AND SHOCK WAVES IN REAL HYDROGEN USING A COMPRESSION AS A PARAMETER AN EXPLICIT
 GEOMETRY OF MOLECULES III OXYGEN DIFLUORIDE LITHIUM OXIDE HYDROGEN HYDROFLUORIDE LITHIUM HYDROXIDE
 STATISTICAL-EQUILIBRIUM MODEL ATMOSPHERES FOR EARLY-TYPE STARS I HYDROGEN CONTINUA
 STATISTICAL-EQUILIBRIUM MODEL ATMOSPHERES FOR EARLY-TYPE STARS II HYDROGEN AND HELIUM CONTINUA
 SOME FUNDAMENTAL PROBLEMS ON THE COMBUSTION OF LIQUID OXIDIZERS IN HYDROGEN
 ELECTRON-DETACHMENT IN HYDROGEN MINUS ION PLUS FLUORINE AND ATOMIC HYDROGEN PLUS FLUORINE ION COLLISIONS
 ION-MOLECULE REACTIONS OF PROPANE IONS WITH BENZENE, 1,3-BUTADIENE, HYDROGEN SULFIDE, AND NITRIC OXIDE
 ORIGIN OF ROTATIONAL BARRIERS II METHYLAMINE AND IMPROVED WAVEFUNCTIONS FOR HYDROGEN PEROXIDE
 EXPERIMENTAL FREE-INDUCTION DECAY SHAPES AND THEORETICAL SECOND MOMENTS FOR HYDROGEN IN HEXAGONAL ICE
 ELECTRON CAPTURE INTO THE METASTABLE 2S STATE IN COLLISIONS OF PROTONS WITH HYDROGEN ATOMS
 THE OXIDATIVE CLEAVAGE OF ORGANOSILANES III OZONE AND THE SILICON-ALKYL-ARYL-HYDROGEN AND -OXYGEN BONDS
 MEASUREMENT OF THE DAMPING CONSTANT /THE A-PARAMETER/ OF SEVERAL ELEMENTS IN SEVERAL HYDROGEN AND ACETYLENE-OXYGEN
 HALOMETHYL-SPAL COMPOUNDS VIII THE REACTION OF PHENYL /TRIMETHYL/ MERCURY COMPOUNDS WITH HYDROGEN CHLORIDE
 SPECIFIC HEAT RATIOS AND THERMODYNAMIC EXPONENTS FOR CONSTANT-VOLUME COMBUSTION OF STOICHIOMETRIC MIXTURES OF HYDROGEN-
 PROPERTIES OF CHAPMAN-JOUQUET DETONATIONS IN STOICHIOMETRIC HYDROGEN-OXYGEN MIXTURES DILUTED WITH HELIUM AND HYDROGEN

AFOSR68-0961
 AFOSR68-1821
 AFOSR68-1826
 ARL 67-0162
 AFOSR67-0068
 AFOSR68-1321
 AFOSR67-0563
 AFOSR67-0586
 AFOSR67-1990
 AFOSR67-2431
 AFOSR68-2581
 ARL 68-1103
 AFOSR68-1079
 AFOSR68-0224
 AFOSR68-2201
 AFOSR67-1111
 AFOSR67-2166
 AFOSR68-2568
 AFOSR67-2091
 AFOSR67-2282
 AFOSR67-2463
 AFOSR68-2798
 ARL 68-1087
 AFOSR67-0678
 AFOSR68-1275
 ARL 68-0170
 AFOSR68-0432
 AFOSR67-2134
 AFOSR67-0612
 AFOSR68-0677
 AFOSR67-2669
 AFOSR68-2628
 ARL 68-1304
 AFOSR68-1008
 AFOSR68-2584
 AFOSR68-1272
 AFOSR68-2759
 AFOSR68-2076
 AFOSR68-2101
 ARL 68-0086
 AFOSR67-2464
 AFOSR67-1962
 AFOSR68-1084
 AFOSR68-1165
 AFOSR68-1979
 ARL 68-0058
 AFOSR67-2466
 AFOSR67-2648
 AFOSR68-2292
 ARL 67-0079
 AFOSR67-1030
 AFOSR67-1295
 ARL 67-0017
 AFOSR67-1733

HYDROGEN-ABSTRACTION

HYDROGEN-ABSTRACTION REACTIONS BY ETHYL RADICALS FROM METHYLAMINES AND HYDRAZINE

AFOSR67-2043

HYDROGEN-ADDITION

HYDROGEN-ADDITION RADICALS FORMED IN THE AROMATIC RINGS OF AMINO ACIDS POLYAMINO ACIDS AND PROTEINS

AFOSR68-2249

HYDROGEN-AIR
STUDIES OF HYDROGEN-AIR SUPERSONIC COMBUSTION AT LOW DENSITIES
THE INTERNAL STRUCTURE OF HYDROGEN-AIR DIFFUSION FLAMES ARL 68-1350
AFOSR67-0649

HYDROGEN-ARC
SPECTROSCOPIC STUDIES IN A HIGH-TEMPERATURE HYDROGEN-ARC PLASMA ARL 68-1141

HYDROGEN-FLUORINE
A STUDY OF THE PHOTOCHEMICAL HYDROGEN-FLUORINE REACTION FINAL REPORT FEB 1967 AFOSR67-1786

HYDROGEN-OXYGEN
KINETICS OF HYDROGEN-OXYGEN AND HYDROCARBON-OXYGEN REACTIONS FINAL REPORT OCT 1966 AFOSR67-0381
INHIBITION OF THE HYDROGEN-OXYGEN REACTION BY ALKYL SILANES AFOSR68-2864
REACTIONS OF METHANE IN SLOWLY REACTING HYDROGEN-OXYGEN MIXTURES AFOSR68-2137
PROPERTIES OF CHAPMAN-JOUQUET DETONATIONS IN STOICHIOMETRIC HYDROGEN-OXYGEN MIXTURES DILUTED WITH HELIUM AND HYDROGEN ARL 67-0019

HYDROGEN-OXYGEN-ARGON
INITIATION OF DETONATION BY INCIDENT SHOCK WAVES IN HYDROGEN-OXYGEN-ARGON MIXTURES ARL 67-1124
INITIATION OF DETONATION BY INCIDENT SHOCK WAVES IN HYDROGEN-OXYGEN-ARGON MIXTURES ARL 68-0320

HYDROGENATION
HYDROGENATION PRODUCT OF TETRAPHENYLETHANE, THE CYCLOHEXYL, PHENYL TETRASUBSTITUTED METHANES
CATALYTIC HYDROGENATION AND HYDROGENOLYSIS BY PENTACYANOCOBALTATE /II/ ARL 67-0225
AFOSR68-1882

HYDROGENLIKE
SELECTIVE ENHANCEMENT IN HYDROGENLIKE MOLECULES WITH THE RARE GASES H₂ AND KR AFOSR67-0040

HYDROGENOLYSIS
CATALYTIC HYDROGENATION AND HYDROGENOLYSIS BY PENTACYANOCOBALTATE /II/ AFOSR68-1882

HYDROGENPOOR
ON THE ABSOLUTE MAGNITUDE AND EFFECTIVE TEMPERATURE OF THE HYDROGENPOOR STAR HD 30353 AFOSR67-2673

HYDROLYSIS
STUDY ON THE HYDROLYSIS OF METAL IONS PART 56. SOLVENT EXTRACTION STUDY OF THE HYDROLYSIS OF ZINC /II/ IN 3 M NaClO₄ AT AFOSR67-1307
/STUDIES CONCERNING HYDROLYSIS OF METALLIC IONS 55. VANADIUM /III/ IN 3 MOLAR KCl MEDIUM/ AFOSR67-1294
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF ETHYLENEDITHIOURAMIDE-DENTICKEL/II/ ION AFOSR67-1789
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF ETHYLENEDITHIOURAMIDE-PALLADIUM /II/ ION AFOSR68-2271
KINETIC ORDER WITH RESPECT TO SOLVENT ACID HYDROLYSIS AND PREFERENTIAL SOLVATION OF THE REINECKATE ION AFOSR68-0174
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFONYL SULFUR IV THE HYDROLYSIS OF SULFONYL SULFONES /SULFINIC ANHYDRIDES/ AFOSR67-2192
STUDY ON THE HYDROLYSIS OF METAL IONS PART 56. SOLVENT EXTRACTION STUDY OF THE HYDROLYSIS OF ZINC /II/ IN 3 M NaClO₄ AT AFOSR67-1307
BONDING STUDIES OF ORGANOMETALLIC COMPOUNDS OF BORON AND C GROUP IV ELEMENTS. PART I. HEATS OF HYDROLYSIS AND BOND AFOSR68-1528
THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD SULFONYL SULFUR THE NUCLEOPHILE-CATALYZED HYDROLYSIS AFOSR68-2069

HYDROMAGNETIC
HYDROMAGNETIC WAVES IN THE IONOSPHERE PROPAGATION THROUGH INHOMOGENEOUS AND CURRENT CARRYING REGIONS AFOSR67-0236
SMALL HYDROMAGNETIC OSCILLATIONS OF A TWO-DIMENSIONAL CAVITY AFOSR67-0160
STUDY OF STABILITY OF HYDROMAGNETIC PLASMAS AND THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE BEHAVIOR OF IONIZED AFOSR67-0675
THERMALLY DRIVEN ROSSBY-WOOF HYDROMAGNETIC DYNAMOS AFOSR68-0501
CONSTRUCTION OF STEADY-STATE HYDROMAGNETIC DYNAMOS I SPATIALLY PERIODIC FIELDS AFOSR67-0124
CONSTRUCTION OF STEADY STATE HYDROMAGNETIC DYNAMOS II THE SPHERICAL CONDUCTOR AFOSR67-0976
SOME REMARKS ON THE STABILITY OF HYDROMAGNETIC SHOCK WAVES AFOSR67-1263
INTRA-AND INTERHEMISPHERE DIFFERENCES IN OCCURRENCE TIMES OF HYDROMAGNETIC EMISSIONS AFOSR67-0250

HYDROSILYLATION
WRIGHT-HATFIELD AFH OHIO HYDROSILYLATION OF OLFINES ARL 67-0040

HYDROSTATIC
MORPHOLOGICAL ASPECTS ON THE HYDROSTATIC FUNCTION OF THE GAS BLADDER OF CLUPEA HARENGUS L AFOSR67-2271
ELASTIC BUCKLING AND PLASTIC COLLAPSE OF CIRCULAR TUBES UNDER HYDROSTATIC PRESSURE AFOSR67-2639
INFLUENCE OF IN-PLANE BOUNDARY CONDITIONS ON THE STABILITY OF CONICAL SHELLS UNDER HYDROSTATIC PRESSURE AFOSR67-1942
CHANGE OF TRANSITION TEMPERATURES OF ANTIFERROMAGNETIC CRYSTALS AS A FUNCTION OF HIGH HYDROSTATIC PRESSURES ARL 67-1294

HYDROXIDE
GROWTH OF MOLECULAR III OXYGEN DIFLUORIDE LITHIUM OXIDE HYDROGEN HYDROFLUORIDE LITHIUM HYDROXIDE AFOSR67-2864
THE CRYSTAL AND MOLECULAR STRUCTURE AND THE SOLUTION CONFORMATION OF DIMETHYLGLYOXAL /III/ HYDROXIDE AN INORGANIC AFOSR68-2863

HYDROXO
POLYNUCLEAR HYDROXO COMPLEXES FINAL REPORT SEPT 1968 AFOSR68-2881

HYDROXYL
ADDITION RADICALS FORMED BY HYDROXYL RADICAL BOMBARDMENT OF URACIL AFOSR67-0018
INTERACTION OF HYDROGEN ATOMS AND HYDROXYL RADICALS WITH 5-HALOGEN URACILS AFOSR67-0068
CHARACTERISTICS OF PARAELECTRIC RESONANCE IN HYDROXYL - DOPED KCl AFOSR68-1956
CONFORMATIONAL FREE ENERGIES OF THE FORMYL HYDROXYMETHYL AC HYDROXYL GROUPS AS DETERMINED BY THE EQUILIBRATION METHOD AFOSR68-2455
REACTIONS IN FROZEN SOLUTIONS VI THE REACTION OF ETHYLENE CHLOROHYDRIN WITH HYDROXYL ION IN ICE AFOSR67-0069

HYDROXYLATION
EFFECT OF DESIPRAMINE AND PIPERINE ON THE IN VIVO O- HYDROXYLATION OF N-METHYL-N-TYRAMINE AND N-METHYLDOPAMINE AFOSR67-2275

HYDROXYMETHYL
CONFORMATIONAL FREE ENERGIES OF THE FORMYL HYDROXYMETHYL AC HYDROXYL GROUPS AS DETERMINED BY THE EQUILIBRATION METHOD AFOSR68-2456

HYGROMETER
DEVELOPMENT OF AN EXPERIMENTAL AIRCRAFT HYGROMETER FINAL REPORT OCT 1967 AFOSR67-0608
STRATOSPHERIC HUMIDITY SENSING WITH THE ALPHA RADIATION HYGROMETER AFOSR67-0004

HYLLERAAS-TYPE
CALCULATIONS OF THE DOUBLET-S GROUND STATE OF THE LITHIUM ATOM USING WAVE FUNCTIONS OF HYLLERAAS-TYPE AFOSR68-2970

HYPER-NUCLEAR
STRONG INITIAL- AND FINAL-STATE INTERACTIONS IN NONRESONANT HYPER-NUCLEAR DECAYS AND IN PARITY-VIOLATING REACTIONS AFOSR67-2029

HYPERBOLIC
HYPERBOLIC MOTIONS AFOSR67-2416
HYPERBOLIC CAPACITY AND INTERPOLATING RATIONAL FUNCTIONS II AFOSR68-2856
HYPERBOLIC MEAN AUTOMORPHIC FUNCTIONS AFOSR68-0379
FOKKER ACTION PRINCIPLE AND THE HYPERBOLIC MOTION AFOSR68-0789
THE RIEMANN MATRIX OF $2n$ PLUS 1 -DIMENSIONAL SYMMETRIC- HYPERBOLIC SYSTEMS AFOSR67-1043
ASYMPTOTIC SOLUTION OF INITIAL BOUNDARY-VALUE PROBLEMS FOR HYPERBOLIC SYSTEMS AFOSR67-0520
SMOOTHNESS PROPERTIES OF PERIODIC SOLUTIONS IN THE LARGE OF NONLINEAR HYPERBOLIC DIFFERENTIAL SYSTEMS AFOSR68-0060
UNIFORM ASYMPTOTIC SOLUTIONS OF DISCONTINUOUS INITIAL VALUE PROBLEMS FOR DISPERSIVE HYPERBOLIC EQUATIONS AFOSR67-1249

HYPERCONJUGATION
CARBON-METAL HYPERCONJUGATION IN METALLOCENES HYDROGEN EXCHANGE IN PHENYLPYRROLINE AFOSR68-0432

HYPERFINE
HYPERFINE STRUCTURE OF THE v EQUALS 0 J EQUALS 1 STATE IN RA SUPERSCRIPT 45F RA SUPERSCRIPT 67F K SUPERSCRIPT 39F AND K AFOSR68-2414
HYPERFINE SPLITTING OF THE GROUND STATE OF LITHIUM AFOSR68-2856
THE HYPERFINE STRUCTURE OF THE $2p$ pp LEVELS OF LITHIUM AFOSR68-0537
POTASSIUM HYPERFINE SPLITTING IN THE ESR SPECTRUM OF PYRENE ANIONS IN TETRAHYDROFURAN AFOSR68-1255
GROUND STATE HYPERFINE SPLITTING OF SINGLY CHARGED HELIUM-3 AFOSR67-2576
THEORY OF MAGNETIC HYPERFINE AND ZEEMAN INTERACTIONS FOR HUND CASE AFOSR68-0144
TEMPERATURE-DEPENDENT HYPERFINE COUPLING CONSTANTS OF WH_2 PLUS IN FLUORIDES AFOSR68-1456
TEMPERATURE DEPENDENCE OF THE HYPERFINE SPLITTING OF THE METHYL RADICAL AFOSR68-0366
CALORIMETRIC INVESTIGATION OF HYPERFINE INTERACTIONS IN RARE-EARTH METALS AFOSR68-1470
ELECTRIC FIELD PERTURBATIONS OF HYPERFINE INTERACTIONS AFOSR68-1467
MAGNETIC-FIELD DEPENDENCE OF THE HYPERFINE FIELD AT IRON IN DILUTE IRON-PALLADIUM ALLOYS AFOSR68-1454
IRON POSITIVE ION AND IRON DOUBLE POSITIVE ION HYPERFINE FIELDS IN MAGNESIUM OXIDE AND CALCIUM OXIDE AFOSR67-2417
COMPLETE PHOTON AND NATURALLY OCCURRING SULFUR ISOTOPE SUPER 33S HYPERFINE SPLITTINGS IN THE THIANTHRENE CATION AFOSR67-1312
MEASUREMENTS OF G J RATIOS FOR HDH_5 HDH_7 HYDROGEN AND DEUTERIUM AND OF THE HYPERFINE SEPARATION OF DEUTERIUM AFOSR68-2704
THE SPIN POLARIZED HARTREE-FOCK METHOD AND THE CONTRIBUTION OF CORE POLARIZATION TO HYPERFINE FIELDS OF 4D IONS AFOSR67-1162

HYPERGEOMETRIC
RECURSION FORMULAE FOR HYPERGEOMETRIC FUNCTIONS ARL 48-0105
RECURSION FORMULAS FOR POLYNOMIALS IN RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS ARL 47-1135

HYPERNUCLEAR
HYPERNUCLEAR SPECTROSCOPY FOR A EQUALS 4 AFOSR69-1379

HYPERNUCLEI
A COMPILATION OF BINDING ENERGY VALUES OF LIGHT HYPERNUCLEI AFOSR67-1005
FINAL STATE INTERACTION EFFECTS IN NEGATIVE PION MESONIC DECAYS OF LIGHT HYPERNUCLEI AFOSR68-1256

HYPERNUCLEUS
EVIDENCE FOR THE EXISTENCE OF THE HYPERNUCLEUS OF LITHIUM SIX AFOSR68-1246

HYPERONS
NONLEPTONIC DECAYS OF HYPERONS AFOSR67-0027

HYPERPOLARIZABILITY
HYPERPOLARIZABILITIES OF SOME POLAR DIATOMIC MOLECULES AFOSR67-1556
HYPERPOLARIZABILITIES OF H^+ AND Li^+ AFOSR68-2068

HYPERPOLARIZING
ANALYSIS OF DEPOLARIZING AND HYPERPOLARIZING INACTIVATION RESPONSES IN CYCNOTIC ELECTROPLAQUES AFOSR67-1490

HYPERSONIC
HYPERSONIC FLOW OF BLUNT DELTA WINGS AT LOW ANGLES OF ATTACK I SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION AFOSR67-0005
HYPERSONIC RAREFIED PLASMA FLOWS FINAL REPORT OCT 1966 AFOSR67-0805
HYPERSONIC AIR-BREATHING PROPULSION AFOSR67-0842
HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES HAVING SHARP LEADING EDGES AFOSR67-1118
HYPERSONIC LAMINAR SEPARATION IN MINUTELY BLUNTED CONES IN SLIP FLOW AFOSR67-1507
HYPERSONIC INTERACTIONS NEAR SHARP LEADING EDGES AFOSR68-1368
HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES WITH SHARP LEADING EDGES AFOSR68-2816
HYPERSONIC STABILITY DERIVATIVES FOR A STANDARD 10 DEGREE CONE FINAL REPORT MAY 1967 ARL 67-0099
HYPERSONIC WIND TUNNEL PRESSURE MEASUREMENTS ARL 67-1215
HYPERSONIC LIFTING BODY OPTIMIZATION ARL 68-1383
HYPERSONIC ROLL DAMPING DERIVATIVE OF A BLUNT CONE ARL 68-1408
THE HYPERSONIC ROLL DAMPING DERIVATIVE OF A BLUNT CONE FINAL REPORT JULY 1968 ARL 68-0137
THE HYPERSONIC SLIPPER REARING--A TEST TRACK PROBLEM ARL 68-1107
RECENT HYPERSONIC AERODYNAMIC RESEARCH AT ONERA /OFFICE NATIONAL DES ESSAIS ET LA RECHERCHE AEROSPATIALE/ ARL 67-1188
VISCOUS HYPERSONIC FLOW AROUND A BLUNT BODY AFOSR68-0944
VISCOUS HYPERSONIC FLOW PAST SLENDER BODIES AT INCIDENCE AFOSR68-2124
VISCOUS HYPERSONIC FLOW OVER POINTED CONES AT LOW REYNOLDS NUMBERS ARL 67-0266
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I THE AND EXPERIMENTAL STUDY OF A 70 DEGREE BLUNT DELTA WING FOR AFOSR68-1035
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC AFOSR68-1036
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE AFOSR68-1037
RESEARCH ON HYPERSONIC FLOWS FINAL REPORT JAN 1967 ARL 67-0009
RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME I - MERCURY CONDENSATION EXPERIMENTS ARL 68-0147
RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME II - CONDENSATION EXPERIMENTS IN A ARL 68-0143
RESEARCH ON HYPERSONIC STABILITY DERIVATIVES IN PITCH FOR BLUNTED SLENDER CONES ARL 68-1117
TIME-DEPENDENT HYPERSONIC VISCOUS INTERACTIONS AFOSR67-2451
A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES ARL 67-0144
A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES ARL 67-1213
CONDENSATION IN HYPERSONIC WIND TUNNELS ARL 67-1062
CONDENSATION IN HYPERSONIC WIND TUNNELS ARL 67-1336
AERODYNAMICS OF THE HYPERSONIC SLIPPER REARING ARL 68-0024
AN INVESTIGATION OF HYPERSONIC AERODYNAMICS AT HIGH ALTITUDES ARL 68-1110
LAMINAR SEPARATION IN HYPERSONIC FLOWS FINAL REPORT SEPT 1967 AFOSR68-0731
THE DESIGN FEATURES OF HYPERSONIC VEHICLES ARL 67-1209
SHOCK GENERATORS IN THE HYPERSONIC TURBULENT BOUNDARY LAYER ARL 67-0186

HYPERSONIC

- CONTINUED

AN EXPERIMENTAL STUDY OF HYPERSONIC RAREFIED FLOW OVER A BLUNT BODY
 LOW PRESSURE MEASUREMENTS IN HYPERSONIC WIND TUNNELS
 HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS
 HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS FINAL REPORT JAN 1968
 HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS
 LOW PRESSURE MEASUREMENTS IN A HYPERSONIC WIND TUNNEL
 THE THIN LAYER APPROXIMATION IN HYPERSONIC VISCOUS FLOW THEORY FINAL REPORT MARCH 1968
 AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLES
 AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW
 AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW
 ON OPTIMUM WEDGES AND SEMICONES IN HYPERSONIC VISCOUS FLOW
 RESEARCHES ON RAREFIED GASDYNAMICS HYPERSONIC FLOW ROTATING STALL FINAL REPORT JULY 1968
 BOUNDARY LAYER CHARACTERISTICS FOR HYPERSONIC FLOW WITH AND WITHOUT MASS ADDITION, FINAL REPORT JAN 1968
 IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS
 CONDENSATION OF AIR AND NITROGEN IN HYPERSONIC WIND TUNNELS
 LAMINAR SEPARATION IN SUPersonic AND HYPERSONIC FLOWS FINAL REPORT SEPT 1966
 THE FLOW UPSTREAM OF A BLUNT BODY IN HYPERSONIC FLOW FROM CONTINUUM TO NEARLY FREE MOLECULE CONDITIONS
 THE APPROACH TO THE BLAST WAVE IN UNSTEADY HYPERSONIC FLOW
 FLOW VISUALIZATION USING GLOW DISCHARGE AT HYPERSONIC MACH NUMBERS
 AN INVESTIGATION OF AERODYNAMIC CONTROLS AT HYPERSONIC MACH NUMBERS FINAL REPORT MAY 1967
 AN INVESTIGATION OF THE EFFECT OF SUCTION ON HYPERSONIC LAMINAR BOUNDARY-LAYER SEPARATION
 RARE EARTH IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS
 EFFECT OF BODY INCLINATION ON THE MERGING OF A HYPERSONIC LOW DENSITY FLOW OVER SHARP TWO-DIMENSIONAL LINEAR BODIES
 PRELIMINARY RESULTS OF A NEW FORMULATION OF THE HYPERSONIC LEADING EDGE FLOW PROBLEM
 RARE EARTH STABILIZED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS
 TEST SECTION CONDITIONS FOR THE TAILORED INTERFACE HYPERSONIC SHOCK TUNNEL
 STUDIES OF THE LEADING EDGE EFFECT ON THE RAREFIED HYPERSONIC FLOW OVER A FLAT PLATE
 A HYPERION DATA ACQUISITION AND CONTROL SYSTEM FOR A HYPERSONIC WIND TUNNEL COMPLEX
 INVESTIGATION OF THE LEADING SIDE OF A DELTA WING AT HYPERSONIC SPEEDS
 TEMPERATURE-TIME HISTORY OF RIGHT CIRCULAR CYLINDER IN HYPERSONIC FLOW
 THE EFFECT OF WALL TEMPERATURE ON THE LOW REYNOLDS NUMBER HYPERSONIC STAGNATION REGION SHOCK LAYER
 VISCOUS EFFECTS ON BLUNT CONES AT LOW REYNOLDS NUMBERS AND HYPERSONIC SPEED
 ABSOLUTE DETERMINATION OF FLOW PARAMETERS IN A LOW DENSITY HYPERSONIC TUNNEL, PART I ELECTRON BEAM STUDIES OF
 EVALUATION OF THE RACE K109 PRESSURE TRANSDUCER FOR USE IN A HYPERSONIC WIND TUNNEL
 EXPERIMENTAL STUDIES OF PULSED MICROWAVE BREAKDOWN EFFECTS IN A HYPERSONIC AIR PLASMA FINAL REPORT FEB 1968
 INVESTIGATION OF FLOW SEPARATION OVER A REARWARD-FACING STEP IN A HYPERSONIC STREAM
 ANALYTICAL AND EXPERIMENTAL STUDIES OF MICROWAVE INTERACTION WITH A HYPERSONIC AIR PLASMA
 SURFACE MEASUREMENTS ON SHARP FLAT PLATES AND WEDGES IN LOW-DENSITY HYPERSONIC FLOW
 A DETAILED STUDY OF THE FLOW AROUND THE LEADING EDGE OF A FLAT PLATE IN HYPERSONIC LOW DENSITY FLOW
 THE EFFECT OF SEVERE NOSE BLUNTNESS ON THE STABILITY OF SLENDER CONES IN HYPERSONIC FLOW
 PROCEEDINGS OF THE THIRD SYMPOSIUM ON THE PLASMA SHEATH- PLASMA ELECTROMAGNETICS OF HYPERSONIC FLIGHT VOLUME II
 EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF THE EXPANSION FLOW FIELD OVER A DELTA WING AT HYPERSONIC SPEEDS FINAL
 LAMINAR BOUNDARY-LAYER SEPARATION AND REAR-WAKE FLOW FOR A SMOOTH BLUNT BODY AT SUPERSONIC AND HYPERSONIC SPEEDS
 EFFECT OF THE REDUCTION OF THE PRANDTL IN THE STAGNATION REGION PAST AN AXISYMMETRIC BLUNT BODY IN HYPERSONIC FLOW

AFOSR68-0744
 ARL 67-1198
 ARL 67-1197
 ARL 67-1214
 ARL 68-0094
 ARL 68-1196
 ARL 68-0095
 AFOSR68-0742
 ARL 67-1822
 ARL 68-1386
 ARL 68-1377
 AFOSR67-2842
 AFOSR68-2192
 ARL 68-0092
 ARL 68-0163
 ARL 68-0077
 AFOSR67-0615
 ARL 68-1109
 ARL 67-1058
 ARL 67-1088
 ARL 67-0030
 ARL 68-0054
 ARL 68-1177
 ARL 68-1111
 AFOSR67-1936
 ARL 68-0158
 AFOSR67-2026
 ARL 68-1000
 ARL 68-1388
 ARL 68-1166
 ARL 68-0149
 ARL 67-0076
 ARL 67-1228
 ARL 68-1114
 ARL 68-1332
 AFOSR68-0145
 ARL 68-0080
 AFOSR67-0201
 AFOSR68-0648
 ARL 68-1112
 ARL 67-0101
 AFOSR67-0280
 ARL 68-0027
 AFOSR67-2448
 AFOSR68-2086

HYPERSONIC
 PHOTOELASTIC AMPLIFICATION OF LIGHT AND THE GENERATION OF HYPERSOUND BY THE STIMULATED BRILLOUIN PROCESS
 AFOSR68-0091

HYPERSPHERICAL
 SINGULAR BEHAVIOR OF ZONAL HYPERSPHERICAL HARMONIC SPHERES
 AFOSR68-0939

HYPERTENSION
 ROLE OF SINO AORTIC REFLEXES IN THE REGULATION OF EXPERIMENTAL RENAL HYPERTENSION DURING NATURAL SLEEP
 AFOSR68-0943

HYPERTONIC
 HYPERTONIC URFA ITS EFFECTS ON CORTICAL AND SUBCORTICAL EVOKED POTENTIALS IN CAT
 AFOSR67-0722

HYPERVELOC
 HEAT TRANSFER RATE MEASUREMENTS IN A LOW DENSITY HYPERVELOC STREAM OF ARGON
 AFOSR68-2640

HYPERVELOCITY
 IMPLUSION DRIVEN HYPERVELOCITY LAUNCHER PERFORMANCE USING GASEOUS DETONATION WAVES
 USE OF A FREE PISTON FOR GENERATING HYPERVELOCITY FLOWS
 PERFORMANCE ANALYSIS OF UTIAS IMPLUSION-DRIVEN HYPERVELOCITY LAUNCHER
 THE APPLICATION OF IMPLUSION WAVE DYNAMICS TO A HYPERVELOCITY LAUNCHER, FINAL REPORT DEC 1967
 THE ENTROPIC COMPRESSION TUFF A NEW APPROACH TO GENERATING HYPERVELOCITY TEST FLOWS WITH LOW DISSOCIATION
 ARL 67-0278
 ARL 67-1232
 ARL 68-0018
 ARL 67-0220
 ARL 67-0133

HYPHVERIAL
 USE OF HELLMANN-FEYNMAN AND HYPHVERIAL THEOREMS TO OBTAIN ANHARMONIC VIBRATION-ROTATION EXPECTATION VALUES AND THEIR
 AFOSR67-0260

HYPNOSIS
 PARAMETERS OF HYPNOSIS WITH SPECIAL REFERENCE TO POSTHYPNOTIC AMNESIA AND HYPNOTIC ANALGESIA FINAL REPORT OCT 1968
 INDIVIDUAL EFFECTS OF HYPNOSIS THE DETERMINANTS AND MANAGEMENT
 AN EXPERIMENTAL INDIRECT TECHNIQUE FOR THE INDUCTION OF HYPNOSIS WITHOUT AWARENESS
 AFOSR68-1901
 AFOSR67-1844
 AFOSR67-1840

HYPNOTIC
 A COMPARISON OF HYPNOTIC SUSCEPTIBILITY AS ASSESSED BY DIAGNOSTIC RATINGS AND INITIAL STANDARDIZED TEST SCORES
 A FURTHER ATTEMPT TO MODIFY HYPNOTIC SUSCEPTIBILITY THROUGH REPEATED INDIVIDUALIZED EXPERIENCE
 THE USE OF PAIN-STATE REPORTS IN THE STUDY OF HYPNOTIC ANALGESIA TO THE PAIN OF ICE WATER
 A QUANTITATIVE STUDY OF PAIN AND ITS REDUCTION THROUGH HYPNOTIC SUGGESTION
 PARAMETERS OF HYPNOSIS WITH SPECIAL REFERENCE TO POSTHYPNOTIC AMNESIA AND HYPNOTIC ANALGESIA FINAL REPORT OCT 1968
 AFOSR67-1839
 AFOSR67-2724
 AFOSR67-2729
 AFOSR67-2212
 AFOSR68-1901

HYPOELLIPTIC
 ASYMPTOTIC BEHAVIOR OF INTEGRALS CONNECTED WITH SPECTRAL FUNCTIONS OF HYPOELLIPTIC OPERATORS
 AFOSR68-1907

HYPOEUTECTOID
 ON THE NATURE OF MASSIVE PHASES IN HYPOEUTECTOID COPPER- GALLIUM ALLOYS
 AFOSR67-1415

HYPOFLUORITE
 GEOMETRY OF MOLECULES III OXYGEN DIFLUORIDE LITHIUM OXIDE HYDROGEN HYPOFLUORITE LITHIUM HYDROXIDE
 AFOSR67-2464

HYPONITRITE
DI-T-BUTYL HYPONITRITE A CONVENIENT SOURCE OF T-BUTOXY RADICALS
THE CRYSTALLOGRAPHY OF SOLID NITROGEN OXIDES SODIUM HYPONITRITE FINAL REPORT APRIL 1967 AFO3R67-0810
AFO3R67-1029

HYPOTHALAMIC
HYPOTHALAMIC SECRETORY FACTOR FOR ADRENOCORTICOTROPIC HORMONE FINAL REPORT NOV 1968 AFO3R68-2333

HYPOOTHERMIA
CONTROL OF VENTRICULAR FIBRILLATION DURING INDUCED HYPOOTHERMIA IN CATS AFTER DIFFERENTIAL DEPLETION OF CARDIAC AFO3R68-1015

HYPOTHESIS
TESTING HYPOTHESES IN RANDOMIZED FACTORIAL EXPERIMENTS AFO3R68-0178
ESTIMATION OF THE NUMBER OF HYPOTHESES IN A CONCEPT LEARNING TASK AFO3R68-0810
THEORY AND TABLES FOR TESTS OF HYPOTHESES CONCERNING THE MEAN AND THE VARIANCE OF A WEIBULL POPULATION FINAL REPORT ARL 67-0080
CONSERVATIVE INFERENCE WITH SIMPLE AND DIFFUSE HYPOTHESES FINAL REPORT AUG 1967 AFO3R67-1877
OPTIMAL UNSUPERVISED LEARNING MULTICATEGORY DEPENDENT HYPOTHESES PATTERN RECOGNITION AFO3R68-2038

HYPOTHESIS
A COMPARATIVE STUDY OF YNGVES DEPTH HYPOTHESIS FINAL REPORT MAY 1967 AFO3R67-1542
RESULTS ON STATISTICAL ESTIMATION AND HYPOTHESIS TESTING WITH APPLICATION TO THE WEIBULL AND EXTREME-VALUE ARL 68-0080
THE COMPARISON OF MULTIVARIATE TESTS OF HYPOTHESIS BY MEANS OF SAMADUR EFFICIENCY AFO3R67-1824
AN EXPERIMENTAL STUDY OF THE DOUBLE SLIP DEFORMATION HYPOTHESIS FOR FACE-CENTRED CUBIC SINGLE CRYSTALS AFO3R67-1007
LOW-ENERGY THEOREM FOR PION PHOTOPRODUCTION FROM THE HYPOTHESIS OF PARTIALLY CONSERVED AXIAL-VECTOR CURRENT AFO3R68-0430

IBERIAN
APPROXIMATE ROUGH SLIP VECTOR DIRECTION DETERMINATION FOR IBERIAN NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE FROM FIRST RESULTS OF SEISMOLOGICAL INVESTIGATION RELATED WITH THE IBERIAN PENINSULA REGION AFO3R68-1434
THE SEISMIC MAGNITUDE AND THE COEFFICIENT OF ABSORPTION IN THE IBERIAN PENINSULA REGION /SPANISH/ AFO3R67-0308
THE FOCAL MECHANISM OF EARTHQUAKES IN THE SOUTHERN COAST OF THE IBERIAN PENINSULA AFO3R67-1200
THE ELECTRONIC COMPUTER PROGRAM FOR LOCALIZATION OF NEAR SEISMIC IN THE IBERIAN PENINSULA REGION AFO3R67-2717
AFO3R67-2156

IBERICA
A STUDY OF SEISMICITY ON THE PENINSULA IBERICA AREA AFO3R68-1443
A STUDY OF SEISMICITY ON THE PENINSULA IBERICA AREA FINAL REPORT APRIL 1968 AFO3R68-1447
THE ACTIVITY SEISMIC OF THE REGION OF THE PENINSULA IBERICA UP TO YEAR OF 1960 /SPANISH/ AFO3R67-0580

ICBM
TECHNOLOGICAL BARRIERS TO AREA ICBM DEFENSE VOLUME I FINAL REPORT AUG 1968 ORA 68-0010

ICE-CREAM-CONE
THE ICE-CREAM-CONE SINGULARITY IN S-MATRIX THEORY AFO3R67-0328

ICE-CRYSTAL
FEASIBILITY STUDY FOR AIRBORNE ICE-CRYSTAL DISOMETER FINAL REPORT SEPT 1968 AFCL68-0519

ICE/WATER
ON ELECTROSTATIC POTENTIALS AT THE ICE/WATER INTERFACE AFO3R68-1515

ICELAND
PROCEEDINGS OF THE SURTSEY RESEARCH CONFERENCE /2ND/ REYKJAVIK ICELAND 25 THRU 28 JUNE 1967 PP1-108 FINAL REPORT JUNE AFO3R68-2175

IDEAL
IDEAL RARE-GAS CRYSTALS AFO3R68-1506
POWER-ASSOCIATIVE ALGEBRAS IN WHICH EVERY SURALGEBRA IS AN IDEAL AFO3R67-1240

IDEALAB
INVESTIGATION AND CONTINUED DEVELOPMENT OF THE IDEALAB FOURIER TRANSFORM ANALOG COMPUTER FINAL REPORT JUN 1967 AFCL67-0398

IDEALIZED
AN IDEALIZED PROBLEM WITH F2-LAYER APPLICATIONS AFCL67-0174
A SCALING TECHNIQUE FOR THE DESIGN OF IDEALIZED ELECTROMAGNETIC LENSES AFO3R68-1057
TRANSIENT TEMPERATURE DISTRIBUTION OF AN IDEALIZED CONTACT SPOT ARL 68-1215
DIFFUSION CONCENTRATION DISTRIBUTION NEAR AN IDEALIZED CONTACT SPOT, FINAL REPORT NOV 1967 ARL 67-0216
DIFFUSION CONCENTRATION DISTRIBUTION NEAR AN IDEALIZED CONTACT SPOT ARL 68-0162

IDEALS
MAXIMAL IDEALS IN THE ALGEBRA OF BOUNDED MONOMORPHIC FUNCTIONS AFO3R67-1362

IDEMPOTENTS
CENTRAL IDEMPOTENTS IN GROUP ALGEBRAS AFO3R67-0699

IDENTICAL
ON TWO ARBITRARILY LOCATED IDENTICAL PARALLEL ANTENNAS AFCL67-0260
ON THE DIRECTIVITY OF SETS OF ELECTROMAGNETIC RADIATION SOURCES I GENERAL RESULTS FOR SETS OF IDENTICAL ISOTROPIC AFCL67-0162

IDENTIFICATION
IDENTIFICATION OF SEQUENTIAL AUDITORY AND VISUAL STIMULI AFO3R67-1815
IDENTIFICATION VIA NON-LINEAR FILTERING AFO3R68-0839
THE IDENTIFICATION OF PROSTAGLANDINS E TWO F TWO AND ALPHA TWO FROM RABBIT KIDNEY MEDULLA AFO3R68-0357
SYSTEM IDENTIFICATION AND THE PRINCIPLE OF RANDOM CONTRACTION MAPPING AFO3R68-1798
LANGUAGE IDENTIFICATION IN THE LIMIT AFO3R67-2815
DETECTION AND IDENTIFICATION OF SHORT-LIVED FREE RADICALS BY AN ELECTRON SPIN RESONANCE TRAPPING TECHNIQUE AFO3R68-2867
MATHEMATICAL MODEL IDENTIFICATION IN PHYSIOLOGY ARL 68-1294
OPTICAL SPACE OBJECT IDENTIFICATION ARL 67-1099
A PHOTOMETRIC DEVICE FOR THE IDENTIFICATION OF MULTIPLY CHARGED PARTICLES STOPPING IN NUCLEAR EMULSIONS AFO3R67-1284
INPUT SELECTION FOR PARAMETER IDENTIFICATION IN DISCRETE SYSTEMS AFO3R68-0865
BRING LUP USES AND ABUSES OF ETHNIC IDENTIFICATION AFO3R68-2183
DIMENSIONS OF VERNAL RACIAL ATTITUDES THEIR IDENTIFICATION AND MEASUREMENT AFO3R68-0488
RESEARCH PROGRAMS FOR ALERTING DETECTION AND IDENTIFICATION OF PATHOGENS FINAL REPORT JULY 1967 AFO3R67-2006

IDENTIFICATION - CONTINUED

RESEARCH PROGRAMS FOR ALFYING DETECTION AND IDENTIFICATION OF PATHOSPHS AFOSR66-2140
 THE USE OF STOCHASTIC APPROXIMATION TO SOLVE THE SYSTEM IDENTIFICATION PROBLEM AFOSR66-2278
 RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC AFOSR66-0863

IDENTIFIED

MORILITIES OF WARS IDENTIFIED H3- AND H-POSITIVE IONS IN HYDROGEN AFOSR66-2076

IDENTITIES

WARD IDENTITIES UNSUBTRACTED DISPERSION RELATIONS AND FEYNMAN GRAPHS AFOSR67-2487

IDENTITY

IDENTITY OF IONS CREATED BY ELECTRON IMPACT IN PLANES ARL 67-0186
 AN IDENTITY FOR ELLIPTIC EQUATIONS WITH APPLICATIONS AFOSR66-2783

INDUCTION

FACTORS THAT CONTROL 1 3-ASYMMETRIC INDUCTION AND INTRAMOLE-CULARITY IN BASE-CATALYZED 1 3-PROTON TRANSFER IN AN INDENE AFOSR66-0434

INSUPPRESSION

INSUPPRESSION AND INSUPPRESSION STATES IN GOD-A NUCLEI FROM INSUPPRESSION TO INSUPPRESSION ARL 66-0046

IGNITION

IGNITION AND COMBUSTION OF SOLID PROPELLANTS FINAL REPORT SEPT 1966 AFOSR67-1901
 PHOTOCHEMICAL IGNITION OF GASEOUS FUEL-OXIDIZER MIXTURES AT SUBATMOSPHERIC PRESSURES AFOSR66-1933
 SOLID PROPELLANT IGNITION BY CONVECTIVE HEATING FINAL REPORT OCT 1966 AFOSR67-0932
 COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS AFOSR67-1766
 COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS FINAL REPORT JUNE 1968 AFOSR66-1114
 A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS AFOSR67-1534
 A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS AFOSR66-1801
 MASS SPECTROSCOPIC OBSERVATION OF IGNITION PHENOMENA IN A SMALL ROCKET COMBUSTION CHAMBER AFOSR66-0226
 AMMONIUM PERCHLORATE-BASED PROPELLANT IGNITION BY LOW-CONVECTIVE HEAT FLUXES AFOSR66-1666
 SOLID PHASE REACTIONS IN SOLID PROPELLANT IGNITION AND COMBUSTION FINAL REPORT OCT 1968 AFOSR66-2207
 SURFACE TEMPERATURE MEASUREMENTS ON SOLID PROPELLANTS DURING IGNITION AFOSR66-0034

ILLUMINATION

EFFECTS OF SURROUND ILLUMINATION ON VISUAL PERFORMANCE - AN ANNOTATED BIBLIOGRAPHY FINAL REPORT JULY 1967 AMRL 67-0103
 EFFECTS OF STEADY DIFFUSE ILLUMINATION ON RATE OF UNITARY TONIC DISCHARGE IN THE CENTRAL VISUAL PATHWAYS OF THE AFOSR66-2790

IMAGE

IMAGE ORTHICON WITH IMPROVED BEAM MODULATION FACTOR ARL 67-1104
 A VISUAL IMAGE PROCESSOR AFOSR66-2802
 INFRARED IMAGE TRANSDUCERS USING EXTRINSIC SEMICONDUCTORS. ARL 66-0264
 THE VISUAL IMAGE PROCESSOR AFOSR67-1666
 LOW ENERGY QUANTA IMAGE TRANSDUCERS USING A CONTROLLED RECOMBINATION MODE ARL 67-0041
 DEVELOPMENT OF AN IMAGE ISOCOM WITH FIBER-OPTICS FACEPLATE FINAL REPORT OCTOBER 1968 ARL 66-0182
 A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS AFOSR67-1534
 A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS AFOSR66-1801
 BASIC PARAMETERS FOR FILMS AND IMAGE INTENSIFIER-FILM COMBINATIONS AND PERFORMANCE COMPARISON FINAL REPORT MARCH 1968 AFOSR66-0073
 THE BASIC LIMITATIONS IN THERMAL IMAGE DETECTION AS AFFECTED BY COOLING, SPECTRAL MATCHING, THE OPTICAL SYSTEM AND ARL 66-1427
 THE FUNDAMENTAL INFRARED THRESHOLD IN THERMAL IMAGE DETECTION AS AFFECTED BY DETECTOR COOLING AND RELATED PROBLEMS ARL 66-1426
 PROBABILISTIC ASPECT OF THE BASIC LIMITATIONS IN IMAGE DETECTION. ARL 66-0257
 AN EVALUATION OF METHODS OF MULTIPLEXING AN INFRARED IMAGE AND IMAGING IT IN THE VISIBLE AFOSR66-0600
 PHOTOGRAPHIC RECORDINGS WITH ENHANCED CONTRAST USING THE STORAGE IMAGE AMPLIFIER, AND APPLICATIONS IN RESEARCH FINAL ARL 66-0100
 THE SPARSE ATMOSPHERIC ELECTRICITY DETECTION SYSTEM AS MODIFIED BY THE ADDITION OF THE IMAGE STORAGE TUBE AFOSR67-0183
 THRESHOLD EXPOSURE OF PHOTOGRAPHIC FILM AND A COMPARISON BETWEEN THE SENSITIVITIES OF FILM AND IMAGE INTENSIFIER- FILM ARL 66-0266

IMAGERY

DEGRADATION OF IMAGERY FROM OPTICAL-MECHANICAL SCANNERS MOISTURE CONDENSATION ON OPTICS AFOSR67-0398

IMAGES

THRESHOLD DETECTION OF GEODETIC SATELLITE IMAGES AFOSR67-0034
 AN ANALYSIS OF FUNDAMENTAL FACTORS GOVERNING THE LIMITATIONS IN DETECTION OF IMAGES, FINAL REPORT MAY 1968 ARL 66-0102

IMAGINARY

CALCULATION OF THE IMAGINARY PART OF THE COMPLEX DIELECTRIC CONSTANT OF CDS ARL 67-1289

IMAGING

IMAGING WITH COHERENT FIELDS AFOSR67-0401
 PHOTOPOLYMERIZATION STUDIES II IMAGING AND OPTICAL FIXING AFOSR66-2012
 DETECTION OF AN AMBIGUOUS VISUAL SIGNAL WHILE IMAGING AFOSR66-1622
 AN EVALUATION OF METHODS OF MULTIPLEXING AN INFRARED IMAGE AND IMAGING IT IN THE VISIBLE AFOSR66-0600
 A STUDY OF BASIC FACTORS GOVERNING THE DETECTION LIMIT IN ASTRONOMICAL IMAGING ARL 67-1085

IMBEDDING

INVARIANT IMBEDDING AND THE COMPUTATIONAL SOLUTION OF OPTIMIZATION AND ESTIMATION PROBLEMS AFOSR66-2046

IMIDAZOLE

THE IMIDAZOLE OF COORDINATED IMIDAZOLE AFOSR67-2807
 MICROWAVE SPECTRA AND STRUCTURES OF ISOTHIAZOLE 1 2 & DIAZAZOLE AND IMIDAZOLE AFOSR66-1059

IMMERSED

THE INSULATED CYLINDRICAL ANTENNA IMMERSED IN A COMPRESSIBLE PLASMA AFOSR66-0577

IMMITTANCE

THE APPLICATION OF A POSITIVE IMMITTANCE INVERTER TO THE DESIGN OF INTEGRATED SELECTIVE FILTERS AFOSR66-0089
 SINGLE TEE AND PI TWO-PORTS RESISTIVELY TERMINATED AND HAVING A PRESCRIBED DRIVING-POINT IMMITTANCE AFOSR67-0430
 A SHORT-CUT METHOD OF COMPUTING THE BRUNE AND NOTT-DUFFIN CIRCUIT REALIZATIONS OF POSITIVE REAL PI-ORDER IMMITTANCE AFOSR67-0136

IMMORILIZATION

SURGICAL IMMORILIZATION OF THE EYE AND PUPIL PERMITTING STABLE PHOTIC STIMULATION OF FREELY MOVING CATS AFOSR67-2586

| | |
|--|--------------|
| IMMUNE | |
| NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1966 | AFOSR67-0610 |
| NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1967 | AFOSR68-0880 |
| DIFFERENCES IN IMMUNE RESPONSE TO SYNTHETIC ANTIGENS IN TWO INBRED STRAINS OF GUINEA-PIGS | AFOSR67-2350 |
| IMMUNOGENICITY | |
| IMMUNOGENICITY OF HARDEN CONJUGATES OF POLY-D-TYROSINE | AFOSR68-0837 |
| PURIFIER STUDIES ON THE IMMUNOGENICITY OF D-AMINO ACID POLYMERS | AFOSR68-0536 |
| IMMUNOLOGICAL | |
| SPECIFICITY OF IMMUNOLOGICAL TOLERANCE TO POLY-DL-ALANYL PROTEINS | AFOSR67-2343 |
| RESISTANCE CHANGES IN LIPID BILAYERS IMMUNOLOGICAL APPLICATIONS | AFOSR68-2120 |
| IMPACT | |
| THEORY OF IMPACT STRESS PROPAGATION AND DYNAMIC FRACTURE | AFATL67-0119 |
| NEGATIVE ION IMPACT STUDIES | ARL 68-0317 |
| NEGATIVE ION IMPACT STUDIES | ARL 68-1008 |
| IDENTITY OF IONS CREATED BY ELECTRON IMPACT IN PLASMA | ARL 67-0156 |
| AN INTERTEMPORAL ANALYSIS OF THE DEFENSE IMPACT UPON A LOCAL COMMUNITY CASE STUDY OF EL PASO COUNTY COLORADO 1941 1965 | SRL 68-0001 |
| DYNAMIC TEMPERATURE MEASUREMENT DURING AXIAL IMPACT OF ANNEALED ALUMINUM TUBES | AFOSR68-0826 |
| OPTICAL IONIZATION-EXCITATION FUNCTIONS OF HELIUM BY ELECTRON IMPACT | AFOSR67-2646 |
| POLARIZATION OF LIGHT EMITTED FROM THE EXCITATION OF H SUB 2 BY ELECTRON IMPACT | AFOSR67-2676 |
| IONIZATION FRAGMENTATION AND ION-MOLECULE REACTIONS OF NH SUB THREE AFTER ION IMPACT | AFCL68-0075 |
| IMPACTS | |
| PARAMETRIC RESONANCE OF ONE-DIMENSIONAL STRUCTURES SUBJECTED TO PERIODIC IMPACTS | AFOSR68-0753 |
| IMPEDANCE | |
| IMPEDANCE SYNTHESIS VIA STATE-SPACE TECHNIQUES | AFOSR68-2306 |
| PLASMA IMPEDANCE ELEMENT IN AN ACTIVE FABRY-PEROT MICROWAVE RESONATOR | AFOSR68-2126 |
| GENERALIZED IMPEDANCE BOUNDARY CONDITIONS WITH APPLICATIONS TO SURFACE WAVE STRUCTURES | AFCL67-0819 |
| SCATTERING FROM AN IMPEDANCE LOADED SLOTTED CYLINDER | AFCL68-0569 |
| A METHOD OF OBTAINING THE IMPEDANCE OF AN ANTENNA IN A DISSIPATIVE MEDIUM FROM THAT IN AIR | AFCL68-0049 |
| NETWORK THEORY PROBLEMS IN IMPEDANCE LOADING | AFCL68-0027 |
| VARIABLE AIR TRANSFORMER FOR IMPEDANCE MATCHING | AFOSR67-0142 |
| REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING CUB | AFCL67-0008 |
| REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING CUB | AFCL67-0239 |
| REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING /U/ FINAL REPORT JAN 1968 | AFCL68-0225 |
| MODIFICATION OF BACKSCATTERING OF A LOOP BY IMPEDANCE LOADING | AFCL67-0429 |
| A GENERAL LEAST SQUARE DETERMINATION OF THE IMPEDANCE OF AN ANTENNA FROM SLOTTED LINE MEASUREMENTS ACCOUNT TAKEN OF | AFCL68-0429 |
| THE CLOSED LOOP CHARACTERISTICS OF AN AUTOMATIC DIRECT READOUT IMPEDANCE BRIDGE | AFCL67-0160 |
| QUANTUM SPECTROSCOPY OF THE LOW FIELD OSCILLATIONS OF THE SURFACE IMPEDANCE | AFOSR68-0561 |
| QUANTUM SPECTROSCOPY OF THE LOW-FIELD OSCILLATIONS IN THE SURFACE IMPEDANCE | AFOSR68-1800 |
| REDUCTION OF BACKSCATTERING FROM THE INFINITE CONE AND THE SPHERE BY IMPEDANCE LOADING | AFCL67-0490 |
| GROUP VELOCITY DISPERSION DUE TO PULSE REFLECTION FROM A FREQUENCY-DEPENDENT BOUNDARY IMPEDANCE | AFOSR67-1762 |
| IMPEDANCE-LOADED | |
| IMPEDANCE-LOADED RECEIVING ANTENNAS WITH MINIMUM BACKSCATTERING AND MAXIMUM RECEIVED POWER | AFCL68-0583 |
| IMPEDANCES | |
| ON ANTENNA IMPEDANCES IN A COLD PLASMA WITH A PERPENDICULAR STATIC MAGNETIC FIELD | AFCL68-0876 |
| THE EFFECT OF SCANNING ON THE IMPEDANCES OF FINITE BROADSIDE COLLINEAR AND RECTANGULAR ARRAYS | AFCL68-0317 |
| SYNTHESIS OF ACTIVE AND PASSIVE COMPATIBLE IMPEDANCES | AFOSR68-1239 |
| IMPERFECT | |
| VORTICES IN AN IMPERFECT ROSE GAS IV TRANSLATIONAL VELOCITY | AFOSR67-0581 |
| DYNAMIC SNAP-THROUGH OF IMPERFECT VISCOELASTIC SHALLOW ARCHES | AFOSR67-0856 |
| QUANTIZED VORTICES IN AN IMPERFECT ROSE GAS AND THE BREAKDOWN OF SUPERFLUIDITY IN LIQUID HELIUM II | AFOSR68-0970 |
| DYNAMIC SNAP-THROUGH OF AN ELASTIC IMPERFECT SIMPLE SHALLOW TRUSS | AFOSR67-2452 |
| THEORETICAL STUDY OF SOME DYNAMICAL PROPERTIES OF PERFECT AND IMPERFECT CRYSTALS FINAL REPORT APRIL 1968 | AFOSR68-1548 |
| CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL SHELLS OF | AFOSR68-0471 |
| EFFECT OF INITIAL IMPERFECTIONS ON THE INSTABILITY OF A RING CONFINED IN AN IMPERFECT RIGID BOUNDARY | AFOSR68-2672 |
| LOCAL MODES AND RESONANCE SCATTERING OF LATTICE WAVES DUE TO POINT DEFECTS OPTICAL AND THERMAL PROPERTIES OF IMPERFECT | AFOSR68-1094 |
| IMPERFECTION | |
| THE ROLE OF IMPERFECTION CHEMISTRY IN THE CHARACTERIZATION OF MATERIALS | AFOSR67-1091 |
| IMPERFECTIONS | |
| EFFECT OF INITIAL IMPERFECTIONS ON THE INSTABILITY OF A RING CONFINED IN AN IMPERFECT RIGID BOUNDARY | AFOSR68-2672 |
| INVESTIGATION OF CRYSTAL IMPERFECTIONS BY MEANS OF LASER LIGHT SCATTERING | AFCL67-0646 |
| ONE-BAND ONE-SITE MODEL FOR CRYSTAL IMPERFECTIONS | AFOSR68-1810 |
| SEMICONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY CRYSTALLOGRAPHIC IMPERFECTIONS | AFCL67-0564 |
| SEMICONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY CRYSTALLOGRAPHIC IMPERFECTIONS FINAL REPORT MAR 1968 | AFCL68-0175 |
| AEROPLASTIC STABILITY CHARACTERISTICS OF CYLINDRICAL SHELLS CONSIDERING IMPERFECTIONS AND EDGE CONSTRAINT | AFOSR68-0382 |
| IMPLANTATION | |
| HIGH ENERGY ION IMPLANTATION OF MATERIALS FINAL REPORT JAN 1967 | AFCL67-0123 |
| IMPLEMENTATION | |
| IMPLEMENTATION OF LIE GROUP TRANSFORMS OF SPATIAL DATA ON PARALLEL LOGIC ARRAYS | AFCL68-0443 |
| DESIGN AND IMPLEMENTATION OF FLIP A LISP FORMAT DIRECTED LIST PROCESSOR | AFCL67-0514 |
| IMPLEMENTING | |
| PLAN FOR IMPLEMENTING AN INFORMATION SYSTEM FOR HUMAN SCIENCES LITERATURE | AFOSR68-2576 |
| IMPLICATIONS | |
| IMPLICATIONS OF RFGG BEHAVIOR FOR PROCESSES INVOLVING PHOTONS | AFOSR68-0276 |
| IONIC PROCESSES IN CYCLOBUTANE IMPLICATIONS OF MASS SPECTROMETRIC DATA FOR RADIOLYSIS STUDIES | ARL 68-1235 |
| PHYSICAL ASPECTS AND PARAMETERS OF THE PHOTOGRAPHIC PROCESS AND THEIR IMPLICATIONS WITH RESPECT TO SENSITIVITY AND | ARL 68-0269 |
| INVESTIGATION OF MODE-LOCKING AND CERTAIN OTHER MECHANISMS IN LASERS AND THEIR IMPLICATIONS FINAL REPORT JUNE 1968 | AFCL68-0234 |
| CONVECTIVE DIFFUSION LIMITATIONS ON THE RATES OF CHEMICAL REACTIONS AT SOLID SURFACES--KINETIC IMPLICATIONS | AFOSR67-2256 |

IMPLICIT

IMPLICIT SUBROUTINES
ON THE USE OF IMPLICIT UNKNOWN IN THE LEAST SQUARE METHOD
REMARKS ON SOME RECENT EXTENSIONS OF FILIPPOV'S IMPLICIT FUNCTIONS LEMMA

AFOSR66-2474
AFOSR66-1415
AFOSR66-0161

IMPLSION

IMPLSION DRIVEN HYPERVELOCITY LAUNCHER PERFORMANCE USING GASEOUS DETONATION WAVES
A LARGE-DRIVEN IMPLSION FOR GENERATING VERY HIGH TEMPERATURES
THE APPLICATION OF IMPLSION WAVE DYNAMICS TO A HYPERVELOCITY LAUNCHER, FINAL REPORT DEC 1967

ARL 67-027H
ARL 67-0134
ARL 67-0220

IMPLSIONS

MULTIPOINT INITIATED IMPLSIONS FROM HEMISPHERICAL SHELLS OF SHEET EXPLOSIVE

ARL 67-0018

IMPORTANCE

IMPORTANCE OF QUADRATIC FORCE CONSTANTS IN FERMI RESONANCE
ON THE PSYCHOLOGICAL IMPORTANCE OF TIME IN A TIME SHARING SYSTEM

AFOSR67-2842
AFOSR66-0120

IMPORTANT

VACUUM ULTRAVIOLET RADIATION AS AN IMPORTANT MEANS OF ENERGY TRANSPORT IN A PLASMA

ARL 66-1184

IMPROBABILITY

IMPROBABILITY OF NON-THERMAL RADIO EMISSION FROM VENUS WATER CLOUDS

AFOSR67-1279

IMPROVED

IMPROVED CATHODE SYSTEMS FOR HIGH-ENERGY PRIMARY BATTERIES
IMPROVED ANALOG VOICE COMMUNICATIONS
IMPROVED SLITS FOR X-RAY POWDER DIFFRACTOMETERS
IMPROVED SUPER MODULATOR FOR HIGH DC VOLTAGES
IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS
AN IMPROVED DIFFERENTIAL APPROXIMATION FOR RADIATIVE TRANSFER WITH SPHERICAL SYMMETRY
AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF CADMIUM SULFIDE SINGLE-CRYSTAL PLATELETS
AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF II-VI COMPOUND SINGLE CRYSTAL PLATELETS
PLANNING IMPROVED LIBRARY SERVICE FOR SCIENTISTS IN UNIVERSITIES
RARE EARTH IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS
RESEARCH ON IMPROVED II-VI CRYSTALS
RESEARCH ON IMPROVED II-VI CRYSTALS
IMAGE ORTHICON WITH IMPROVED SCAN MODULATION FACTOR
ORIGIN OF ROTATIONAL BARRIERS II METHYLAMINE AND IMPROVED WAVEFUNCTIONS FOR HYDROGEN PEROXIDE
MODIFICATION OF THE MODEL 254C SINOROMIC DOUBLE-SPECTRUM /SPECTRUM/ ANALYZER FOR IMPROVED EXTRACTION OF PITCH DATA

AFOSR66-0208
AFOSR66-0227
AFOSR67-0486
AFOSR66-2709
ARL 66-0163
AFOSR66-2840
ARL 67-0231
ARL 67-0269
AFOSR66-1238
ARL 66-1177
ARL 67-0149
ARL 66-0153
ARL 67-1194
AFOSR67-2446
AFOSR66-0116

IMPROVEMENT

IMPROVEMENT OF THE HIGH POWER CASCADE ARC CHAMBER
VOCODER IMPROVEMENT STUDY FINAL REPORT MAY 1968

ARL 66-0342
AFOSR66-0332

IMPROVEMENTS

IMPROVEMENTS AND REFINEMENTS ON A PULSE TYPE SONIC ANEMOMETER FINAL REPORT AUG 1968
IMPROVEMENTS IN COS THIN FILM SOLAR CELLS
INVESTIGATION OF 1460/140 DISPLAY OPERATING SYSTEM IMPROVEMENTS FINAL REPORT DEC 1968

AFOSR66-0416
ARL 66-0217
AFOSR66-0591

IMPROVING

A METHOD FOR TESTING AND IMPROVING MOLECULAR CONSTANTS OF DIATOMIC MOLECULES WITH SPECIAL REFERENCE TO BROMINE

AFOSR66-0667

IMPULSE

OPTIMUM CRITICAL IMPULSE FOR SNAP-THROUGH IN SYSTEMS OF ONE DEGREE OF FREEDOM
NECESSARY CONDITIONS FOR OPTIMAL SINGLE IMPULSE TRANSFER
INTERPRETATION AND APPLICATION OF TRANSIENT AND IMPULSE RESPONSE APPROXIMATIONS IN ELECTROMAGNETIC SCATTERING PROBLEMS
AURORAL-ONE ELECTRON PRECIPITATION ACCOMPANYING A SUDDEN IMPULSE IN THE GEOMAGNETIC FIELD
THE RESPONSE OF A THIN ELASTIC ROD TO COMBINED THERMAL AND MECHANICAL IMPULSE

AFOSR67-1811
AFOSR67-0358
AFOSR67-0580
AFOSR67-1389
AFOSR66-1234

IMPULSES

MODULATION OF TRANSMISSION OF OPTIC NERVE IMPULSES IN THE ALBERT CAT: EVIDENCE OF PRESYNAPTIC INHIBITION OF PRIMARY

AFOSR67-0557

IMPULSIVE

A NEW MODEL FOR IMPULSIVE PHENOMENA APPLICATION TO ATMOSPHERIC-NOISE COMMUNICATION CHANNELS
STRESS WAVE GENERATION IN A TEMPERATURE-DEPENDENT ABSORBING SOLID BY IMPULSIVE ELECTROMAGNETIC RADIATION
STRESS WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC HALF-SPACE SUBJECTED TO IMPULSIVE ELECTROMAGNETIC RADIATION
NON-EXISTENCE OF SNAP-THROUGH FOR CLAMPED SHALLOW ELASTIC ARCHES SUBJECTED TO IMPULSIVE LOADING
TRANSIENT CURRENTS ON A PERFECTLY-CONDUCTING CYLINDER ILLUMINATED BY UNIT-STEP AND IMPULSIVE PLANE WAVES

AFOSR67-0753
AFOSR66-1418
AFOSR67-2453
AFOSR66-0770
AFOSR67-0691

IMPULSIVELY

SEPARATION AND STALL OF AN IMPULSIVELY STARTED ELLIPTIC CYLINDER
ON MARTIN'S LOWER BOUND FOR RESPONSE TIME OF IMPULSIVELY LOADED RIGID-PLASTIC STRUCTURES
THE FLOW PAST A CIRCULAR CYLINDER WHICH IS STARTED IMPULSIVELY FROM REST
ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING FLAT PLATE IN A

AFOSR66-1354
AFOSR66-1332
AFOSR66-0389
ARL 67-0124

IMPURE

RESONANCE SCATTERING IN IMPURE SUPERCONDUCTORS II - EFFECTS OF CORRELATION AND DEGENERACY
ENERGY GAP AND THERMAL CONDUCTIVITY OF PURE AND IMPURE SUPERCONDUCTING TIN
SUPERCONDUCTING-AND NORMAL-STATE THERMAL CONDUCTIVITY OF IMPURE TIN

AFOSR67-2754
AFOSR66-0015
AFOSR66-0016

IMPURITIES

FERMION IMPURITIES IN A WEAKLY INTERACTING BOSE GAS
MAGNETIC IMPURITIES AND SUPERCONDUCTIVITY BELOW THE KONDO TEMPERATURE
RARE EARTH IMPURITIES IN II-VI COMPOUNDS
RADIATIVE CAPTURE BY IMPURITIES IN SEMICONDUCTORS
THEORY OF PARAMAGNETIC IMPURITIES IN SEMICONDUCTORS
INFLUENCE OF NONMAGNETIC IMPURITIES ON SUPERCONDUCTORS WITH OVERLAPPING BANDS
ENERGY STATES OF LOW-LYING IMPURITIES UNDER STRESS
ANALYTICAL SCATTERING BY MAGNETIC IMPURITIES IN SUPERCONDUCTORS
THE PROBLEM OF SCATTERING BY MAGNETIC IMPURITIES IN METALS
STRONG-COUPLING THEORY OF PARAELECTRIC IMPURITIES IN ALKALI HALIDES
DISTRIBUTION OF SINGLE STATES OF PARAMAGNETIC IMPURITIES IN METALS

AFOSR66-2480
AFOSR67-2850
AFOSR66-0542
AFOSR66-0176
AFOSR67-0788
AFOSR67-2765
ARL 66-1371
AFOSR67-1058
AFOSR66-1698
AFOSR67-1060
AFOSR67-1057

● 2006年11月24日。

● 1. 爲了 方便 起見
在 1990 年 12 月 1 日 以前
所有 的 銀行 存款 均 以
1990 年 12 月 1 日 爲 基
準 日 起 算 利息 之 起 算
日 起 算 利息 之 起 算 日
起 算 利息 之 起 算 日

[illegible][illegible]

AF 157-2920

AF (15 FEB) 3480

A. 210, 1.7 2014
 A. 210, 1.7 177

4. 2018. 1. 7 2018. 1. 14
 4. 2018. 1. 7 2018. 1. 14

04/11/2003 12:44

04 (17-00000) 1-1

2009-10-20

2009-10-20

APR 21 1967

APR 1967 1 4 PM
APR 1967 2 2 PM

▲ 附註 1: 本報 9-15 日刊

▲ 附註 5 係指 9-15 頁而言

0105407-2 1-7

2025-2026

90 2. 6. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839

00 150000-200

2015 年 4 月 2 日
 2015 年 4 月 2 日
 2015 年 4 月 2 日

041 0 7 596

1941 年 7 月 25 日
 1942 年 10 月 2 日

84 720-1111

[illegible]

4911 HbZ-224

AF 11-467-374

● 1544 ●

68 35 48 4 3 3 3
 69 35 48 48 4 2 3 3
 70 35 48 48 2 2 48 3
 71 35 48 48 2 3 3 3
 72 35 48 48 2 3 3 3
 73 35 48 48 4 3 3 3
 74 35 48 48 4 3 3 3

As a result, the

As a result, the

ALCANTARA 2011

| | |
|-------------|-----|
| AT 05/06/97 | 283 |
| AT 02/07/97 | 112 |
| AT 05/08/97 | 106 |
| AT 01/09/97 | 106 |
| AT 05/09/97 | 112 |

INCOHERENT - CONTINUED

| | |
|--|--------------|
| A CONTRIBUTION TO THE SIGNAL-DESIGN PROBLEM FOR INCOHERENT PHASE COMMUNICATION SYSTEMS | AFOSR66-2350 |
| INCOMPLETE | |
| SMALL INCOMPLETE FACTORIAL EXPERIMENT DESIGNS FOR TWO AND THREE LEVEL FACTORS | ARL 67-0022 |
| RESULTS ON NON-ORTHOGONAL INCOMPLETE FACTORIAL DESIGNS | ARL 67-0021 |
| SERIES EXPANSIONS FOR THE INCOMPLETE GAMMA FUNCTION AND ITS DERIVATIVES | ARL 67-1267 |
| A SYSTEM OF INEQUALITIES FOR THE INCOMPLETE GAMMA FUNCTION AND THE NORMAL INTEGRAL | ARL 67-0259 |
| INCOMPRESSIBLE | |
| INCOMPRESSIBLE LAMINAR BOUNDARY LAYER PAST ELLIPTICAL BODIES | AFOSR66-1744 |
| INCOMPRESSIBLE LAMINAR SKIN-FRICTION LAW | AFOSR66-1771 |
| THE VISCOUS INCOMPRESSIBLE FLOW PAST A CIRCULAR CYLINDER AT MODERATE REYNOLDS NUMBERS | AFOSR66-1664 |
| FLOW VISUALIZATION IN AN INCOMPRESSIBLE MEDIUM | ARL 67-1210 |
| A STUDY OF THREE-DIMENSIONAL INCOMPRESSIBLE TURBULENT WALL JETS | AFOSR67-2580 |
| DECAY OF A DISTURBANCE IN AN INCOMPRESSIBLE, ZERO-PRESSURE-GRADIENT FLOW | ARL 67-0266 |
| TRANSITION TO TURBULENCE FOR SUBMERGED INCOMPRESSIBLE AND FREE COMPRESSIBLE FLUID JETS | AFOSR67-1894 |
| ON THE STABILITY OF CERTAIN MOTIONS OF INCOMPRESSIBLE MATERIALS WITH MEMORY | AFOSR66-2654 |
| VISCOUS AND THERMAL BOUNDARY LAYERS IN INCOMPRESSIBLE STEADY FLOWS ALONG LONGITUDINALLY CURVED SURFACES INCLUDING | ARL 66-0222 |
| STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART II. INVISCID STABILITY OF INCOMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET | AFOSR66-1581 |
| INCORPORATING | |
| A STRATOSPHERIC GENERAL CIRCULATION EXPERIMENT INCORPORATING DIABATIC HEATING AND OZONE PHOTOCHEMISTRY | AFCL67-0344 |
| NARROW BAND LONG RANGE COLOR TELEVISION SYSTEM INCORPORATING COLOR ANALYZER | ARL 67-1136 |
| INCREASED | |
| ROLE OF PERIPHERAL RECEPTORS IN THE INCREASED RELEASE OF VASOPRESSIN IN RESPONSE TO HEMORRHAGE | AFOSR66-0309 |
| INCREASES | |
| SURFACE RECOMBINATION EFFICIENCIES IN FLOWS CONTAINING STEP-FUNCTION INCREASES IN ATOMIC OXYGEN FINAL REPORT MARCH | AFOSR66-0893 |
| INCREMENT | |
| OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT PROCESSES - PART I | AFOSR66-0917 |
| OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT PROCESSES - PART II | AFOSR66-0918 |
| INCREMENTS | |
| SHOCK WAVES PRODUCED BY SMALL STRESS INCREMENTS IN ANNEALED ALUMINUM | AFOSR67-0655 |
| INDENE | |
| FACTORS THAT CONTROL 1,3-ASYMMETRIC IODINATION AND ENTRAINMENT-CULARITY IN BASE-CATALYZED 1,3-PROTON TRANSFER IN AN INDENE | AFOSR66-0434 |
| INDEPENDENCE | |
| INDEPENDENCE OF AFL OPERATIONS | AFCL67-0495 |
| FUNCTIONAL INDEPENDENCE OF THETA CONSTANTS | AFOSR66-2250 |
| STATISTICAL INDEPENDENCE OF EVENTS IN NEIGHBORING RETINAL UNITS | AFOSR67-2540 |
| INDEPENDENT | |
| GAUGE INDEPENDENT QUANTUM ELECTRODYNAMICS | ARL 66-1093 |
| AMPLITUDE INDEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE | ARL 66-1149 |
| INTERFERENCE OF INDEPENDENT PHOTON BEAMS | AFOSR67-2321 |
| INTERFEROMETER EXPERIMENT WITH INDEPENDENT LOCAL OSCILLATORS | AFOSR67-2610 |
| OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT PROCESSES - PART I | AFOSR66-0917 |
| OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT PROCESSES - PART II | AFOSR66-0918 |
| WHY IS THE SCHWARZSCHILD SOLUTION INDEPENDENT OF THE SPATIAL STRESSES | AFOSR66-2746 |
| ON THE USE OF IONIZATION LEVEL AS AN INDEPENDENT VARIABLE FOR PLOTTING PLASMA TRANSPORT PROPERTIES | ARL 66-0269 |
| FURTHER EXPERIMENTS ON INTERFERENCE OF INDEPENDENT PHOTON BEAMS AT LOW LIGHT LEVELS | AFOSR66-2229 |
| AN ESTIMATE OF THE SURFACE TEMPERATURE OF VENUS INDEPENDENT OF PASSIVE MICROWAVE RADIOMETRY | AFOSR66-1053 |
| THE DIRICHLET PROBLEM FOR QUASILINEAR EQUATIONS WITH MANY INDEPENDENT VARIABLES | AFOSR66-1849 |
| SOME RESULTS GIVING RATES OF CONVERGENCE IN THE LAW OF LARGE NUMBERS FOR WEIGHTED SUMS OF INDEPENDENT RANDOM VARIABLES | AFOSR67-0942 |
| INDETERMINATE | |
| A STUDY OF THE INDETERMINATE STAGE OF SLEEP IN OLIGOPHRENICS RELATIONSHIP WITH SPINDLES AND PARADOXICAL SLEEP | AFOSR67-2571 |
| INDEX | |
| INDEX OF REFRACTION OF IND | ARL 66-0185 |
| INDEX OF REFRACTION OF ISO-PENTANE AND NESTYLENE AS FUNCTION OF PRESSURE | ARL 66-0226 |
| A PROPOSED INDEX FOR MEASURING IONOSPHERIC SCINTILLATIONS | AFCL66-0136 |
| REFRACTIVE INDEX OF ZNO SINGLE CRYSTALS | ARL 67-1011 |
| REFRACTIVE INDEX OF ZINC - OXIDE SINGLE CRYSTALS | ARL 67-1204 |
| REFRACTIVE INDEX OF ZNO SINGLE CRYSTALS | ARL 67-1200 |
| ON THE CYCLE INDEX OF A PRODUCT OF PERMUTATION GROUPS | AFOSR66-2036 |
| A KEYWORD AND AUTHOR INDEX FOR THE MASTERS THESES IN THE PURE AND APPLIED SCIENCES ACCEPTED BY U S COLLEGES AND | AFOSR67-0421 |
| MEASUREMENT OF THE REFRACTIVE INDEX IN AN ARGON PLASMA AT 6328 DEGREES A AND 1.15U. FINAL REPORT DEC 1967 | ARL 67-0218 |
| DEVELOPMENT OF INSTRUMENTATION WHICH WILL ALLOW MEASUREMENT OF THE INFRARED REFRACTIVE INDEX OF OZONE FINAL REPORT APR | AFCL66-0207 |
| INDEXING | |
| DIFFUSION OF ABSTRACTING AND INDEXING SERVICES FOR GOVERNMENT-SPONSORED RESEARCH SCARECROW PRESS INC METUCHEN N J 1968 | AFOSR66-0437 |
| ERROR DETECTING AND ERROR CORRECTING INDEXING SYSTEMS FOR LARGE SERIAL NUMBERS | AFOSR67-1109 |
| INDIAN | |
| THE TRANSFORMATION OF THE INDIAN STUDENT MOVEMENT | AFOSR66-0869 |
| INDICATIVE | |
| STABILITY INDICATIVE FUNCTION AND ITS APPLICATION TO SYSTEMS WITH TIME DELAY | AFOSR67-1260 |
| INDICATOR | |
| ACID-BASE INDICATOR PROPERTIES OF SULFONEPHYTHALEINS AND BENZENS IN ACETONITRILE | AFOSR67-0216 |
| ACID-BASE INDICATOR CONSTANTS IN ACETONITRILE | AFOSR67-1026 |

| | |
|---|---|
| INDICATORS | |
| NEW CARBON THIRTEEN INDICATORS IN STELLAR SPECTRA
ON ENTIRE FUNCTIONS OF EXPONENTIAL TYPE AND INDICATORS OF ANALYTIC FUNCTIONAL | AFOSR67-1121
AFOSR67-0264 |
| INDICES | |
| SPEECH CHARACTERISTICS AS INDICES OF ATTITUDE MOOD AND MOTIVATIONAL STATE FINAL REPORT MAY 1968 | AFOSR68-0983 |
| OPTIMIZATION OF PERFORMANCE INDICES IN DISCRETE ARRAY SYSTEMS FINAL REPORT NOV 1967 | AFOSR67-0850 |
| INDIGO | |
| CIS-TRANS ISOMERIZATION AND PULSED LASER STUDIES OF SUBSTITUTED INDIGO DYES | AFOSR68-0659 |
| INDININIDE | |
| MAGNETIZATION MEASUREMENTS AND PRESSURE DEPENDENCE OF THE CURIE POINT OF THE PHASE TRI SCANDIUM - INDININIDE | AFOSR68-0928 |
| INDIRECT | |
| INDIRECT COUPLING OF PHOTONS TO THE SURFACE PLASMON
AN EXPERIMENTAL INDIRECT TECHNIQUE FOR THE INDUCTION OF HYPNOSIS WITHOUT AWARENESS | AFOSR68-1229
AFOSR67-1840 |
| INDIRECTLY | |
| EFFECT OF DIRECTLY AND INDIRECTLY ACTING SYMPATHOMIMETIC AMINES ON ADRENERGIC TRANSMITTER GRANULES | AFOSR68-2729 |
| INDIUM | |
| STUDIES OF THE EMISSION FROM INDIUM ANTIMONIDE
INTERBAND MAGNETOABSORPTION IN INDIUM ARSENIIDE AND INDIUM ANTIMONIDE
CONTINUOUS MICROWAVE EMISSION FROM INDIUM ANTIMONIDE
LINEAR CRYSTAL MOMENTUM VALENCE-BAND SPLITTING IN INDIUM ANTIMONIDE
INTERBAND MAGNETOABSORPTION IN INDIUM ARSENIIDE AND INDIUM ANTIMONIDE
SUPERCONDUCTING TRANSITIONS IN BODY-CENTERED CUBIC THALLIUM - INDIUM ALLOYS
ELECTROREFLECTANCE STUDY OF INTERBAND MAGNETO-OPTICAL TRANSITIONS IN INDIUM ARSENIIDE AND INDIUM ANTIMONIDE AT 1.5 | AFOSR68-2041
AFOSR67-1019
AFOSR67-0818
AFOSR68-1669
AFOSR67-1019
AFOSR67-1237
AFOSR67-2361 |
| INDIUM-NICKEL | |
| MICROWAVE EMISSION FROM INDIUM-NICKEL ANTIMONIDE EUTECTIC | AFOSR68-2268 |
| INDIUM-THALLIUM | |
| SUPERCONDUCTIVITY IN THE ALLOY SYSTEM INDIUM-THALLIUM | AFOSR67-1052 |
| INDIVIDUAL | |
| INDIVIDUAL DIFFERENCES AND THEORETICAL PROCESS VARIABLES GENERAL COMMENTS ON THE CONFERENCE
INDIVIDUAL PERFORMANCE AND SELF-EVALUATION IN A SIMULATED TEAM
INDIVIDUAL PERFORMANCE AND SELF-EVALUATION AS A FUNCTION OF LEVEL OF TEAM OUTPUT FINAL REPORT SEPT 1967
THE DIRECT OBSERVATION OF INDIVIDUAL CRYSTALLINE DISLOCATIONS
BINDING AND FIELD DESCRIPTION OF INDIVIDUAL LUNGSTEN ATOMS
EFFECT OF SIMULATED SOCIAL PEOACK ON INDIVIDUAL TRACKING PERFORMANCE
THE ON SCALE A COMPARATIVE SOCIO-PSYCHOLOGICAL MEASURE OF INDIVIDUAL MODERNITY | AFOSR67-1810
AFOSR67-2298
AFOSR67-2404
AFOSR67-1591
AFOSR68-1784
AFOSR67-1460
AFOSR67-2208 |
| INDIVIDUALIZED | |
| A FURTHER ATTEMPT TO MODIFY HYPNOTIC SUSCEPTIBILITY THROUGH REPEATED INDIVIDUALIZED EXPERIENCE | AFOSR67-2724 |
| INDIVIDUALIZING | |
| DECISION-THEORETIC PSYCHOMETRICS THE WORTH OF INDIVIDUALIZING INSTRUCTION | AFOSR68-2186 |
| INDIVIDUALLY-HOUSED | |
| GREATER LOWERING OF ORAIN AND ADRENAL CATECHOLAMINES IN GROUP-HOUSED THAN IN INDIVIDUALLY-HOUSED VICE ADMINISTERED | AFOSR67-1774 |
| INDOCTRINATION | |
| PRELIMINARY REPORT ON CHINESE COMMUNIST INDOCTRINATION OF MILITARY PRISONERS OF WAR | AFOSR68-1410 |
| INDUCED | |
| INDUCED ABSORPTION IN PURE KCl AND CaF2
LASER INDUCED ELECTRICAL BREAKDOWN AND SHOCK DYNAMICS IN SUPER-HIGH PRESSURE GASES
VORTEX INDUCED ROLLING MOMENTS ON FINNED MISSILES AT HIGH ANGLE OF ATTACK
INPUT POWER INDUCED THERMAL EFFECTS RELATED TO TRANSITION TIME BETWEEN AVALANCHE AND SECOND BREAKDOWN IN P-N SILICON
MAGNETICALLY INDUCED PLASMA STREAMING AND THE MOTION OF ELECTRIC ARCS
MAGNETICALLY INDUCED PLASMA STREAMING AND ITS APPLICATION TO REOSPACE TECHNOLOGY
MAGNETICALLY INDUCED PLASMA STREAMING AND MOTION OF ELECTRIC ARCS
DEPRESSURIZATION INDUCED EXTINGUISHING OF BURNING SOLID PROPELLANT
ANALYSIS OF RADIATION INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS
RELATIONSHIPS BETWEEN RESERPINE INDUCED PHASIC EEG ACTIVITY AND SINGLE UNIT DISCHARGE IN THE PONTINE RETICULAR
RADIATION DAMAGE AND CHEMICAL REACTIONS INDUCED IN CRYSTALLINE SOLIDS BY HIGH-ENERGY PROTON ROMBARDMENT FINAL REPORT
CONTROL OF VENTRICULAR FIBRILLATION DURING HYPOTHERMIA IN CATS AFTER DIFFERENTIAL DEPLETION OF CARDIAC
NACH-ZEHNDER OPTICAL INTERFEROMETRY OF LASER INDUCED DISCHARGES IN HIGH PRESSURE GASES
STIMULUS-DEPENDENT ANTAGONISM OF THE ALPHA-METHYLTYROSINE- INDUCED LOWERING OF BRAIN CATECHOLAMINES BY LEVO
PLASMA ACCELERATION IN AN ELECTRICAL DISCHARGE BY THE SELF- INDUCED MAGNETIC FIELD
INVESTIGATION OF STRONG PLASMA WAVES AND THE DYNAMICS OF LASER INDUCED PLASMAS IN HIGH PRESSURE GASES
AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF MASS TRANSFER ON A WEDGE INDUCED LAMINAR SEPARATED BOUNDARY LAYER AT
HALOMETHYL METAL COMPOUNDS XIII THE PREPARATION OF GEM-DIFLUOROCYCLOPROPANES BY IODIDE ION INDUCED CF2 TRANSFER FROM
LOWER CASE M SUBSCRIPT J MIXING IN ORIENTED A SUPERScript 2 P SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY COLLISIONS | AFOSR67-1143
AFOSR68-1613
AFOSR68-0569
AFOSR67-0767
ARL 68-1310
ARL 68-1319
ARL 68-1376
AFOSR68-1266
AFOSR67-0571
AFOSR67-2360
AFOSR68-0350
AFOSR68-1015
AFOSR67-1570
AFOSR68-2060
ARL 67-0245
AFOSR68-0232
ARL 67-0169
AFOSR67-2680
AFOSR68-1073 |
| INDUCTION | |
| INDUCTION OF FLUORESCENCE IN HISTAMINE-CONTAINING CELLS
INDUCTION OF UNRESPONSIVENESS TO A SYNTHETIC ANTIGEN CAPABLE OF PROVOKING EXCLUSIVELY DELAYED-TYPE SENSITIVITY IN
AN INDUCTION GENERATION EXPERIMENT
SENSITIVITY INDUCTION TIMES IN VERY LEAN MIXTURES OF D SUB2 H SUB2 C SUB2 H SUB2 AND C SUB2 H SUB4 WITH D SUB2
SENSITIVITY INDUCTION TIMES IN VERY LEAN MIXTURES OF OSUB2 MSUB2 CSUB2MSUB2 AND CSUB2MSUB4 WITH OSUB2
DEEP SLEEP INDUCTION BY ELECTRICAL STIMULATION OF THE BRAIN STEM AND CEREBRAL CORTEX
1,3-ASYMMETRIC INDUCTION IN A TRANSAMINATION REACTION
1,3-ASYMMETRIC INDUCTION IN STEREOSPECIFIC ADDITION POLYMER
INTERPRETATION OF INDUCTION PERIODS IN THE HYDROGEN PLUS OXYGEN REACTION IN AGED BORIC-ACID-COATED VESSELS
NUCLEAR-MAGNETIC-RESONANCE FREE INDUCTION DECAY IN A TWO- SPIN SYSTEM
AN EXPERIMENTAL INDIRECT TECHNIQUE FOR THE INDUCTION OF HYPNOSIS WITHOUT AWARENESS
STUDIES IN STEREOCHEMISTRY XXXVIII OPEN-CHAIN VS CYCLIC MODELS FOR 1,3-ASYMMETRIC INDUCTION IN ADDITION REACTIONS | AFOSR68-0193
AFOSR68-0535
AFOSR68-1640
ARL 67-0139
ARL 67-1090
AFOSR68-0945
AFOSR67-2783
AFOSR68-2442
AFOSR68-1275
AFOSR67-2641
AFOSR67-1840
AFOSR68-2443 |

INDUCTION-HEATED

INDUCTION-HEATED HIGH-TEMPERATURE BALANCE SYSTEM

ARL 67-0171

INDUCTIVE

INDUCTIVE IMPEDANCE RESEARCH STATUS SPRING 1967 FINAL REPORT JULY 1967
INDUCTIVE IMPEDANCE RESEARCH STATUS SPRING 1967 FINAL REPORT JULY 1967
MEMORY AND INDUCTIVE IMPEDANCE
INVESTIGATION OF PLASMA ROTATION IN A PULSED INDUCTIVE ACCELERATOR

AFAL67-0462
AFOSR66-1283
AFOSR66-2800
AFOSR66-0946

INDUSTRY

THE FILM INDUSTRY IN COMMUNIST CHINA

AFOSR67-0909

INELASTIC

INELASTIC EXCITATION TRANSFER IN HELIUM
INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES I SENSITIZED FLUORESCENCE AND QUENCHING IN CS- H2O
INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES II THE QUENCHING OF SODIUM RESONANCE RADIATION BY H
REMARKS CONCERNING INELASTIC ELECTRON SCATTERING FROM 3 HE
THEORETICAL STUDIES ON INELASTIC COLLISIONS OF ELECTRONS WITH ATOMS AND MOLECULES FINAL REPORT MAY 1966
CORRECTIONS TO INELASTIC ELECTRON SCATTERING
ABSOLUTE MEASUREMENT OF INELASTIC COLLISION CROSS SECTIONS FOR VIBRONIC EXCITED STATES
EVIDENCE FOR EXCHANGE EFFECTS IN INELASTIC SCATTERING PROCESSES FROM ANGULAR CORRELATION DATA
FURTHER CONSEQUENCES OF THE QUARK MODEL IN INELASTIC MESON- BARYON SCATTERING
THE BEHAVIOUR OF THE ANGULAR CORRELATION SYMMETRY ANGLE FOLLOWING INELASTIC SCATTERING OF HELIUM 3 PARTICLES FROM
ISOMERIC ANALOG STATES IN HEAVY NUCLEI V RESONANCES IN 2R-90 FROM PROTON INELASTIC SCATTERING

AFOSR67-0477
AFOSR67-1144
AFOSR67-2675
AFOSR67-1784
AFOSR67-0294
AFOSR67-2819
AFOSR66-0046
AFOSR66-1012
AFOSR67-2033
AFOSR66-1384
AFOSR66-1296

INEQUALITIES

INEQUALITIES COMPLEMENTARY TO CAUCHY'S INEQUALITY FOR SUMS OF REAL NUMBERS
INEQUALITIES OF POINCARÉ TYPE AND APPLICATIONS TO SINGULAR ELLIPTIC DIFFERENTIAL OPERATORS
INEQUALITIES BETWEEN MEANS
INEQUALITIES BETWEEN MEANS
INEQUALITIES BETWEEN MEANS
SOME INEQUALITIES INVOLVING TRACES OF OPERATORS
NEW INEQUALITIES FOR ENTIRE FUNCTIONS OF EXPONENTIAL TYPE
A SYSTEM OF INEQUALITIES FOR THE INCOMPLETE GAMMA FUNCTION AND THE NORMAL INTEGRAL
SINGULAR VALUE INEQUALITIES
REMARKS ON INTEGRAL INEQUALITIES ON COMPLEX MANIFOLDS
PRINCIPAL SUBMATRICES 3 LINEAR INEQUALITIES
EXTENSIONS OF CLASSICAL MATRIX INEQUALITIES
PRINCIPAL SUBMATRICES II THE UPPER AND LOWER QUADRATIC INEQUALITIES

AFOSR66-0181
AFOSR66-1270
ARL 66-1246
ARL 66-1246
ARL 66-1271
AFOSR66-2075
AFOSR66-2593
ARL 67-0259
AFOSR66-2665
AFOSR67-0118
AFOSR66-1633
AFOSR66-2807
AFOSR66-1986

INEQUALITY

AN INEQUALITY FOR THE EIGENVALUES OF A CLASS OF SELF-ADJOINT OPERATORS
AN INEQUALITY FOR LINEAR TRANSFORMATIONS
AN INEQUALITY FOR GENERALIZED MEANS
AN INEQUALITY FOR THE REDUCED WAVE OPERATOR AND THE JUSTIFICATION OF GEOMETRICAL OPTICS
A DIFFERENCE INEQUALITY FOR OPERATORS IN HILBERT SPACE
VARIATIONS OF WINTNER'S INEQUALITY
AN EXTENDED INTERPOLATION INEQUALITY
EXTENSIONS OF THE HILBERT INEQUALITY
INEQUALITIES COMPLEMENTARY TO CAUCHY'S INEQUALITY FOR SUMS OF REAL NUMBERS
ON STABILITY FOR DIFFERENCE SCHEMES A SHARP FORM OF GARDING'S INEQUALITY

AFOSR67-2734
AFOSR67-2810
AFOSR66-0150
AFOSR66-1813
ARL 67-1260
AFOSR66-0182
AFOSR67-2862
AFOSR66-0911
AFOSR66-0181
AFOSR67-2880

INERT

INERT CARBON FREE RADICALS
STUDIES ON AN INERT GAS DISK HALL GENERATOR DRIVEN IN A SHOCK TUNNEL
STUDIES ON AN INERT GAS DISK HALL GENERATOR WITH AN UPSTREAM PRE-IONIZING DISCHARGE
IONIZATION RATES IN THE INERT GASES
ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE CM SUBJ SIM SUBJ GEN SUBJ AND SNM SUBJ
ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE P PH SUBJ AND AS
ON STRONG SMALL PERTURBATION SOLUTIONS FOR STEADY SUPERSONIC FLOWS OF INERT OR REACTING MIXTURES
EXPERIMENTAL EVIDENCE FOR THE ABSENCE OF QUENCHING OF SODIUM RESONANCE RADIATION BY INERT GASES
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS IX ENERGY TRANSFER IN COLLISIONS BETWEEN SODIUM AND INERT GAS ATOMS

ARL 66-0060
ARL 67-1235
ARL 66-1020
AFOSR67-1341
AFOSR67-0013
AFOSR67-0014
AFOSR67-1632
AFOSR66-0162
AFOSR67-2284

INERTS

RADICALES LIBRES INERTES PERCHLORADOS DE LA SERIE DEL DIPENILMETANO
MONO Y BIRRADICALES LIBRES INERTES PERCHLORADOS DE LA SERIE DEL TRIPENILMETANO

ARL 67-1096
ARL 67-1095

INERTIA

CONVECTIVE INSTABILITY OF INERTIA WAVES AND PHYSICAL ANALYSIS OF THE FORMATION OF TYPHOONS AT THE EARLY STAGE

AFOSR66-0292

INERTIAL

INERTIAL CONFINEMENT OF EXTENDED RADIO SOURCES
DAMPING GIMBALLESS INERTIAL NAVIGATION SYSTEMS

AFOSR66-1660
AFOSR66-0298

INEXPENSIVE

AN INEXPENSIVE VARIABLE-RADIUS CENTRIFUGE FOR PHYSIOLOGICAL EXPERIMENTS

AFOSR67-0871

INFECTIONS

GAS CHROMATOGRAPHY FOR DETECTION OF VIRAL INFECTIONS
GAS CHROMATOGRAPHIC DETECTION OF IN VIVO ACTIVITY OF EQUINE INFECTIONS ANAEMIA VIRUS

AFOSR66-2176
AFOSR66-2178

INFECTIOUS

A MATHEMATICAL MODEL FOR DESCRIBING THE COMPATIBILITY OF INFECTIOUS DISEASES

AFOSR67-1484

INFERENCE

INDUCTIVE INFERENCE RESEARCH STATUS SPRING 1967 FINAL REPORT JULY 1967
INDUCTIVE INFERENCE RESEARCH STATUS SPRING 1967 FINAL REPORT JULY 1967
CONSERVATIVE INFERENCE WITH SIMPLE AND DIFFUSE HYPOTHESES FINAL REPORT AUG 1967
MEMORY AND INDUCTIVE INFERENCE
DISSEMINATE A DISTRIBUTIONAL-SEMANTICS INFERENCE MAKER

AFOSR67-0462
AFOSR66-1283
AFOSR67-1877
AFOSR66-2800
AFOSR67-0255

INFERENCES

INFERENCES ABOUT CORRELATIONS

AFOSR67-0227

INFERENCES - CONTINUED

| | |
|--|--------------|
| INFERENCES OF DYNAMICAL MOTIONS OF THE UKS SATELLITE VIA OPTICAL TECHNIQUES | ARL 68-1088 |
| ATMOSPHERIC INFERENCES FROM PLANETARY LIMB DARKENING FINAL REPORT APR 1968 | AFCL68-0188 |
| INTUITIVE STATISTICAL INFERENCES ABOUT DIFFUSE HYPOTHESES | AFOSR68-0873 |
| INFERIOR | |
| AUDITORY RESPONSES OF NEURONES IN THE LATERAL MESENCEPHALIC NUCLEUS /INFERIOR COLICULUS/ OF THE BARBARY DOVE | AFOSR68-0607 |
| INFERRED | |
| SUBJECTIVE PROBABILITIES INFERRED FROM ESTIMATES AND BPTS | AFOSR68-0362 |
| INFINITE | |
| INFINITE PHASED DIPOLE ARRAY | AFCL67-0653 |
| INFINITE GAMES AND ANALYTIC SETS | AFOSR68-0270 |
| INFINITE VOLUME LIMIT OF LAMBOA PHI-4 FIELD THEORY | AFOSR68-1264 |
| DYNAMICS AT INFINITE MOMENTUM | AFOSR67-0054 |
| ON THE FLEXURE OF AN INFINITE ELASTIC PLATE CONTAINING A LARGE UNSTRESSED CIRCULAR HOLE | AFOSR68-0816 |
| IONIC HEATS OF TRANSPORT IN INFINITE DILUTE AQUEOUS SOLUTIONS | ARL 67-1001 |
| COMPLEX ANGULAR MOMENTUM AND INFINITE HELICITY SUMS | AFOSR68-0779 |
| STRESS BOUNDARY VALUE PROBLEMS FOR INFINITE WEDGES | AFOSR68-0706 |
| REDUCTION OF BACKSCATTERING FROM THE INFINITE CONE AND THE SPHERE BY IMPEDANCE LOADING | AFCL67-0490 |
| A REPRESENTATION OF A BOUNDED FUNCTION AS INFINITE PRODUCT IN A DOMAIN WITH BERGMAN-SHILOV BOUNDARY SURFACES | AFOSR68-2602 |
| ANOMALOUS AND NORMAL SINGULARITIES AND THE INFINITE MOMENTUM LIMIT | AFOSR68-0987 |
| EXCITATION OF WAVES IN HOT-PLASMA WAVEGUIDES WITH INFINITE MAGNETOSTATIC FIELDS | AFOSR67-0432 |
| CREEP STRESS CONCENTRATION AT A CIRCULAR HOLE IN AN INFINITE PLATE | AFOSR67-1399 |
| THE UNIQUENESS OF SOLUTIONS OF THE HEAT EQUATION IN AN INFINITE STRIP | AFOSR67-1276 |
| POSSIBLE VANISHING OF STRONG INTERACTION CROSS-SECTION AT INFINITE ENERGIES | AFOSR67-0873 |
| THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION WITH INFINITE DATA | AFOSR68-0851 |
| VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE III THE DIRICHLET PROBLEM WITH INFINITE DATA | AFOSR68-2240 |
| INFINITE-COMPONENT | |
| TOWERS AS SETS OF COMPOSITE PARTICLES AND TROUBLE WITH INFINITE-COMPONENT FIELD THEORIES | AFOSR67-2209 |
| INFINITE-DIMENSIONAL | |
| FREE MASSLESS FIELDS AS INFINITE-DIMENSIONAL REPRESENTATIONS OF THE LORENTZ GROUP | AFOSR68-2212 |
| A REMARK ON THE BANG-RANG PRINCIPLE FOR LINEAR CONTROL SYSTEMS IN INFINITE-DIMENSIONAL SPACE | AFOSR68-0760 |
| INFINITY | |
| SYMMETRIES OF NULL INFINITY | ARL 67-1056 |
| THE STRUCTURE OF NULL INFINITY | ARL 67-1055 |
| INFLUENCE | |
| INFLUENCE OF PARTICLE SIZE DISTRIBUTION ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS | AFCL67-0428 |
| INFLUENCE OF SINGLE SCATTERING ALBEDO ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS | AFCL67-0450 |
| INFLUENCE OF TRANSVERSE SHEAR AND EDGE CONDITION ON NONLINEAR VIBRATION AND DYNAMIC BUCKLING OF HOMOGENEOUS AND | AFOSR67-1011 |
| INFLUENCE OF ELECTRIC FIELDS ON THE MOLECULAR ALIGNMENT IN THE LIQUID-CRYSTAL PARA-AZOXYANISOLE | AFOSR67-1690 |
| INFLUENCE OF IN-PLANE BOUNDARY CONDITIONS ON THE STABILITY OF CONICAL SHELLS UNDER HYDROSTATIC PRESSURE | AFOSR67-1942 |
| INFLUENCE OF NONMAGNETIC IMPURITIES ON SUPERCONDUCTORS WITH OVERLAPPING BANDS | AFOSR67-2765 |
| INFLUENCE OF TYPE OF TURBULENT FLAME ON LIMITS OF DETECTION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY | AFOSR67-2812 |
| INFLUENCE OF THE DISSIPATION OF MECHANICAL ENERGY ON THE TEMPERATURE OF THE LOW CHROMOSPHERE | AFOSR68-0080 |
| INFLUENCE OF WEAK SOLVENT-SOLUTE INTERACTIONS ON RADIATIONLESS TRANSITION PROBABILITIES | AFOSR68-0803 |
| INFLUENCE OF CONVECTION ON CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS | AFOSR68-1606 |
| INFLUENCE OF MEMORY FACTORS ON SENSORY DISCRIMINATION FINAL REPORT JULY 1968 | AFOSR68-1655 |
| INFLUENCE OF A CAMPUS ENVIRONMENT ON STUDENT COMMITMENT TO A PARA-MILITARY ORGANIZATION FINAL REPORT OCT 1968 | AFOSR68-1894 |
| INFLUENCE OF EXCHANGE ON THE STATIC POLARIZATION OF AN ELECTRON GAS | ARL 68-0092 |
| INFLUENCE OF XENON ON COSUB2 LASER PLASMAS | ARL 68-0117 |
| THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND | AFCL67-0033 |
| THE INFLUENCE OF A PERFECT GRATING ON THE LINE PROFILE OF A SPECTROGRAPH | AFCL67-0575 |
| THE INFLUENCE OF RADIO BRIGHTNESS TEMPERATURE ON SOLAR PARE PREDICTION | AFCL67-0870 |
| THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND | AFCL68-0017 |
| THE INFLUENCE OF A MOUNTAIN ON THE DISPLACEMENT OF BAROTROPIC DISTURBANCES | AFCL68-0274 |
| THE INFLUENCE OF STATISTICAL ERRORS ON THE ABEL INVERSION FINAL REPORT NOV 1967 | AFML 68-0044 |
| THE INFLUENCE OF FINITE ELECTRICAL CONDUCTIVITY ON THE DEVELOPMENT OF A MAGNETICALLY DRIVEN SHOCK IN MgO-KBETA MUCN | AFOSR67-1226 |
| THE INFLUENCE OF ROTATION ON FLOW IN A LONG RECTANGULAR CHANNEL - AN EXPERIMENTAL STUDY | AFOSR67-2050 |
| THE INFLUENCE OF ELECTRICAL RESISTIVITY ON THE AND STABILITY OF STATIONARY EQUILIBRIA | AFOSR67-2434 |
| THE INFLUENCE OF WATER-VAPOR OPACITY AND THE EFFICIENCY OF CONVECTION ON MODELS OF LATE-TYPE STARS | AFOSR68-0116 |
| THE INFLUENCE OF A MAGNETIC FIELD ON THE TRANSPORT PROPERTIES OF POLY-ATOMIC GASES A COMPARISON OF THEORY WITH | AFOSR68-0660 |
| THE INFLUENCE OF STIFFENER GEOMETRY AND SPACING ON THE BUCKLING OF AXIALLY COMPRESSED CYLINDRICAL AND CONICAL SHELLS | AFOSR68-0670 |
| THE INFLUENCE OF DAMPING ON THE SNAPPING OF A SHALLOW ARCH UNDER A STEP PRESSURE LOAD | AFOSR68-1085 |
| THE INFLUENCE OF NETWORK STRUCTURE ON THE PERFORMANCE OF LEARNING SYSTEMS | AFOSR68-1350 |
| THE INFLUENCE OF OCULOMOTOR SYSTEMS ON VISUAL PERCEPTION | AFOSR68-2098 |
| THE INFLUENCE OF AGING ON THE LOW-TEMPERATURE YIELD POINT IN IRON | ARL 67-1251 |
| THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER | ARL 68-1186 |
| THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER | ARL 68-1380 |
| COMMENTS ON THE INFLUENCE OF INTERMEDIATE EXCITONS AND EXCHANGE FORCES ON THE INTERACTION IN MOLECULAR CRYSTALS THE | AFOSR67-2164 |
| ISOBARIC SPIN- ITS INFLUENCE ON RESEARCH IN NUCLEAR PHYSICS WITH SMALL ACCELERATORS | ARL 67-1045 |
| AN ASSESSMENT OF THE INFLUENCE OF A METAL-METAL BOND ON THE MOLECULAR GEOMETRY OF AN ORGANOMETALLIC LIGAND-BRIDGED | AFOSR67-0740 |
| ON RELATIONS BETWEEN THE INFLUENCE AFFLUENCE AND PHENOMENAL CONGRUENCE OF SCIENCES AS THEY AFFECT SOCIOLOGYS FUTURE | AFOSR68-0580 |
| A STUDY OF SOME FACTORS WHICH INFLUENCE THE GROWTH OF CUPROUS CHLORIDE IN SILICA GEL | AFCL67-0445 |
| HETEROGENEOUS NUCLEATION AND ITS INFLUENCE ON THE STRUCTURE OF THIN FILMS /GERMAN/ | AFOSR67-0506 |
| RESULTS OF ELECTROENCEPHALOGRAPHIC EXAMINATIONS UNDER THE INFLUENCE OF VIBRATION AND CENTRIFUGING IN THE MONKEY | AFOSR67-1857 |
| OXYGEN ACTIVITY GRADIENTS IN METAL OXIDES UNDER APPLIED ELECTRIC POTENTIALS AND THEIR INFLUENCE ON TRANSFERENCE NUMBER | ARL 68-1155 |
| INFLUENCED | |
| SEMICONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY CRYSTALLOGRAPHIC IMPERFECTIONS | AFCL67-0564 |
| SEMICONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY CRYSTALLOGRAPHIC IMPERFECTIONS FINAL REPORT MAR 1968 | AFCL68-0175 |
| INFLUENCING | |
| THE CHEMISTRY OF CARBANIONS XIV FACTORS INFLUENCING THE RATE OF ADDITION OF DIMETHYLMAGNESIUM TO BENZOPHENONE | AFOSR68-2486 |
| INFORMAL | |
| THIRD INFORMAL INTERNATIONAL HOT ATOM CHEMISTRY SYMPOSIUM LAFAYETTE INDIANA 1-2 APR 68 | AFOSR67-0338 |
| INFORMATION | |
| INFORMATION CAPACITY OF DISCRETE MOTOR RESPONSES UNDER DIFFERENT COGNITIVE SETS | AFOSR67-1823 |
| INFORMATION NFPLS AND USES IN SCIENCE AND TECHNOLOGY | AFOSR67-2023 |

INFORMATION PROCESSING IN BIOLOGICAL SYSTEMS FINAL REPORT APRIL 1967
 INFORMATION RETRIEVAL EXPERIMENT FINAL REPORT JUNE 1967
 INFORMATION TRANSFER IN COMPLEX SYSTEMS WITH APPLICATIONS TO REGULATION
 INFORMATION PROCESSING IN EVERYDAY HUMAN ACTIVITY
 AN INFORMATION PROCESSING THEORY OF HUMAN DECISION MAKING UNDER UNCERTAINTY AND RISK
 TYPES OF INFORMATION STORED IN SINGLE NEURONS
 RESEARCH ON INFORMATION PROCESSING IN THE CENTRAL SYSTEM FINAL REPORT AUG 1967
 PROBLEMS IN INFORMATION PROCESSING FINAL REPORT NOV 1967
 UNCERTAINTY INFORMATION SEARCH AND DECISION MAKING FINAL REPORT NOV 1968
 MORPHOLOGY OF INFORMATION FLOW
 APPLICATION OF INFORMATION THEORY TO THE NERVOUS SYSTEM FINAL REPORT APRIL 1967
 EFFECTIVENESS OF INFORMATION RETRIEVAL METHODS
 THE MOORE SCHOOL INFORMATION SYSTEMS LABORATORY
 COMMUNICATION AND INFORMATION THEORY ASPECTS OF THE NERVOUS SYSTEM FINAL REPORT JULY 1967
 AN EXTENSION OF AN INFORMATION - THEORETIC DERIVATION OF CERTAIN LIMIT RELATIONS FOR A MARKOV CHAIN
 THE TWO CONCEPTS OF INFORMATION
 COGNITIVE FACTORS IN INFORMATION PROCESSING
 COGNITIVE ASPECTS OF INFORMATION PROCESSING III SET FOR SPEED VERSUS ACCURACY
 HUMAN PERFORMANCE IN INFORMATION PROCESSING AND STORAGE FINAL REPORT JULY 1967
 MODELS FOR ANALYZING INFORMATION AND COMMAND SYSTEMS FINAL REPORT OCT 1968
 S-R COMPATIBILITY AND INFORMATION REDUCTION
 RESEARCH IN STATISTICS INFORMATION THEORY AND ANALYSIS FINAL REPORT JULY 1965
 FUNCTIONAL ANALYSIS OF INFORMATION RETRIEVAL FINAL REPORT AUG 1968
 MINIMUM DISCRIMINATION INFORMATION ESTIMATION
 AN EXPERIMENTAL ON-LINE INFORMATION RETRIEVAL SYSTEM
 QUESTION NEGOTIATION AND INFORMATION SEEKING IN LIBRARIES FINAL REPORT JULY 1967
 BIOLOGICAL PRINCIPLES OF INFORMATION STORAGE AND RETRIEVAL
 PLAN FOR IMPLEMENTING AN INFORMATION SYSTEM FOR MARINE SCIENCES LITERATURE
 THE SCOPE AND AIMS OF THE INFORMATION SCIENCES AND TECHNOLOGIES
 PROCESSING OF SENSORY VISUAL INFORMATION FINAL REPORT JAN 1967
 INTRAFUNCTIONAL MECHANISMS FOR INFORMATION STORAGE FINAL REPORT MARCH 1968
 HUMAN PERFORMANCE IN CONTINGENT INFORMATION PROCESSING TASKS
 1967 INTERNATIONAL SYMPOSIUM ON INFORMATION THEORY SAN REMO ITALY 11-15 SEPTEMBER 1967 /ABSTRACTS OF PAPERS ONLY/
 EXTREMELY HIGH DENSITY MAGNETIC INFORMATION STORAGE
 DESIGN PRINCIPLES FOR AN ON-LINE INFORMATION RETRIEVAL SYSTEM
 A LOWER BOUND FOR DISCRIMINATION INFORMATION IN TERMS OF VARIATION
 ON THE REPRESENTATION OF LIMITED INFORMATION BY MEANS OF PICTURES TREES AND ENGLISH-LIKE SENTENCES
 MICROWAVE/ELECTROMAGNETIC THEORY AND INFORMATION PROCESSES
 PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS FINAL REPORT JUNE
 PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS
 UNIFICATION OF THEORY AND EMPIRICISM IN INFORMATION RETRIEVAL FINAL REPORT OCT 1967
 EFFECTS OF S-R CODING ON THE RATE OF GAIN OF INFORMATION
 MICROELECTRODE ANALYSIS OF TRANSFER OF VISUAL INFORMATION BY THE CORPUS CALLOSUM
 COMPILATION AND ANALYSIS OF LEXICAL RESOURCES IN INFORMATION SCIENCE FINAL REPORT JUNE 1968
 INTERACTION IN MULTIDIMENSIONAL CONTINGENCY TABLES AN INFORMATION THEORETIC APPROACH
 WORD STATISTICS IN THE GENERATION OF SEMANTIC TOOLS FOR INFORMATION SYSTEMS
 A MATHEMATICAL MODEL OF THE FLOW OF DATA IN A MANAGEMENT INFORMATION SYSTEM
 THE EFFECTS OF FAMILIARITY ON THE PERCEPTUAL RECOGNITION AND CATEGORIZATION OF VERBAL INFORMATION

AFOSR67-2262
 AFOSR67-2362
 AFOSR68-0727
 AFOSR68-1521
 AFOSR67-2129
 AFOSR67-1371
 AFOSR67-0145
 AFOSR67-0566
 AFOSR68-2324
 AFOSR68-0259
 AFOSR67-0922
 AFOSR67-0412
 AFOSR67-1952
 AFOSR67-1527
 AFOSR67-0996
 AFOSR67-1973
 AFOSR67-1802
 AFOSR67-1817
 AFOSR67-1874
 AFOSR68-2188
 AFOSR67-1830
 AFOSR68-1480
 AFOSR68-2198
 AFOSR68-2277
 AFOSR68-1800
 AFOSR67-2365
 AFOSR68-0774
 AFOSR68-2578
 AFOSR68-2484
 AFOSR67-0403
 AFOSR68-0811
 AFOSR67-1801
 AFOSR68-1040
 AFOSR68-1353
 AFOSR67-0423
 AFOSR67-1250
 AFOSR68-1343
 AFOSR67-2612
 AFOSR67-0679
 AFOSR67-2402
 AFOSR67-2667
 AFOSR67-1807
 AFOSR68-2714
 AFOSR68-1375
 AFOSR68-2793
 AFOSR68-0237
 AFOSR68-0095
 AFOSR67-1806

INFORMATION-CARRYING

SPACE-TIME CORRELATION THEORY FOR INFORMATION-CARRYING SIGNALS
 SPACE-TIME CORRELATION THEORY FOR INFORMATION-CARRYING SIGNALS

AFOSR67-0311
 AFOSR67-1459

INFORMATIONAL

EFFECT OF SIZE AND LOCATION OF INFORMATIONAL TRANSFORMS UPON SHORT TERM RETENTION

AFOSR67-1811

INFORMATIONS

NEURAL ORGANIZATION OF SENSORY INFORMATIONS FOR TASTE

AFOSR67-2381

INFRARED

INFRARED RADIANCE OF SELECTED TERRAIN FEATURES AS VIEWED FROM HIGH ALTITUDE
 INFRARED ABSORPTANCE OF CO AND N₂ AT REDUCED TEMPERATURES
 INFRARED ABSORPTION PROGRAM FINAL REPORT FEB 1968
 INFRARED SOLAR SPECTRUM IN THE 1.1-1.0 REGION OBSERVED FROM A BALLOON BORNE SPECTROMETER
 INFRARED LASER COUPLED RESONATOR AND PARADAY ROTATION TECHNIQUES FOR EXPERIMENTAL IONIZED GAS DIAGNOSTICS
 INFRARED SPECTRA AND STRUCTURE OF SILICON COBALT TETRACARBONYLS
 INFRARED OBSERVATIONS OF THE OUTER SOLAR CORONA FINAL REPORT OCT 1967
 INFRARED SPECTRA OF SOLID AND MATRIX-ISOLATED /CH₃CH₂CH₂CH₂CH₃ AND /CH₃CH₂CH₂CH₂CH₂CH₃ /TRIMETHYLAMINE PERDEUTERIOTRISILYLAMINE
 INFRARED STUDIES OF DIMETHYLSILYLAMINE AND METHYLOTRISILYLAMINE BY THE MATRIX-ISOLATION TECHNIQUE
 INFRARED SPECTRA AND STRUCTURE OF PHOSPHINE AND SUBSTITUTED PHOSPHINE COMPLEXES OF GALLIUM TRIHALIDES
 INFRARED RADIATIVE HEAT TRANSFER IN NONGRAY GASES
 INFRARED RADIATIVE ENERGY TRANSFER IN GASEOUS SYSTEMS FINAL REPORT AUGUST 1968
 INFRARED IMAGE TRANSDUCERS USING EXTRINSIC SEMICONDUCTORS
 INFRARED RADIATIVE HEAT TRANSFER IN NON-GRAY GASES
 INFRARED RADIATION AND SUPPRESSION FROM THE EXHAUST PLUME OF JET AIRCRAFT DURING AFTERBURNER OPERATION
 THE INFRARED ABSORPTION BANDS OF OZONE
 FAR INFRARED RESONANT ABSORPTION IN N-TYPE SILICON
 NEAR INFRARED PHOTOMETRY OF LATE TYPE STARS
 A STUDY OF INFRARED RADIATION AND ITS SUPPRESSION FROM THE EXHAUST PLUMES OF JET AIRCRAFT DURING AFTERBURNER
 RESEARCH ON INFRARED CELESTIAL BACKGROUNDS FINAL REPORT DEC 1967
 STUDY OF FAR INFRARED ATMOSPHERIC TRANSMISSION FINAL REPORT JUNE 1967
 A BALLOON-BORNE INFRARED CROONAGRAM
 THE FUNDAMENTAL INFRARED THRESHOLD IN THERMAL IMAGE DETECTION AS AFFECTED BY DEFECTOR COOLING AND RELATED PROBLEMS
 PRESSURE SHIFTS OF INFRARED LINES LOW-TEMPERATURE SPECTRA OF MOLECULES AND TECHNIQUES OF INTERFERENCE SPECTROSCOPY
 RAGG SCATTERING OF INFRARED RADIATION FROM COHERENT SPIN WAVES
 SIMULATION STUDY OF INFRARED COUNTERMEASURES
 INVESTIGATION OF FAR INFRARED TORSIONAL VIBRATIONS FINAL REPORT MAR 1968
 NITROGEN LINES IN THE INFRARED FAUNHOFEN SPECTRUM
 LINE PARAMETERS OF THE INFRARED METHANE BANDS
 SPECTROSCOPY IN THE FAR INFRARED REGION FINAL REPORT JAN 1968
 ALTITUDE PROFILE OF THE INFRARED ATMOSPHERIC SPECTRUM OF OXYGEN IN THE DAYGLOW
 KINETIC SPECTROSCOPY IN THE INFRARED A RAPID-SCAN INFRARED SPECTROMETER
 A NOTE ON THE STRATOSPHERIC INFRARED SKY RADIANCE
 A STUDY OF LINE SHAPE FOR CO INFRARED EMISSION LINES FINAL REPORT JUNE 1967
 ENVIRONMENTAL EFFECTS ON THE INFRARED FREQUENCIES OF POLYATOMIC MOLECULES EVALUATION OF PERTURBATION-THEORY PARAMETERS
 QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY FINAL REPORT OCT 1966
 QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY
 IMPURITY-INDUCED SECOND-HARMONIC INFRARED ABSORPTION AND RAMAN SCATTERING BY U-CENTER LOCALIZED MODES IN ALKALI-HALIDE
 HIGH RESOLUTION STUDIES IN THE FAR INFRARED FINAL REPORT JUNE 1967
 LINE MIXING BY COLLISIONS IN THE FAR INFRARED SPECTRUM OF AMMONIA
 RESEARCH DIRECTED TOWARD THE STUDY OF INFRARED TRANSMISSION THROUGH VARIOUS ATMOSPHERES FINAL REPORT DEC 1966
 THE EFFECT OF STRONG F FIELDS ON AN INFRARED SPECTROMETER

AFOSR67-0448
 AFOSR68-0007
 AFOSR68-0118
 AFOSR68-0436
 AFOSR67-0625
 AFOSR67-1367
 AFOSR67-2036
 AFOSR67-2040
 AFOSR67-2041
 AFOSR68-1531
 ARL 67-0215
 ARL 68-0151
 ARL 68-0264
 ARL 68-0353
 ARL 68-1433
 AFOSR67-0237
 AFOSR67-0214
 AFOSR68-0042
 ARL 68-1301
 AFOSR68-0041
 AFOSR67-0350
 AFOSR68-2779
 ARL 68-1426
 AFOSR68-0490
 AFOSR67-0658
 ARL 68-1296
 AFOSR68-0135
 AFOSR67-0479
 AFOSR68-0521
 AFOSR68-0126
 AFOSR68-0500
 AFOSR67-0875
 AFOSR68-2780
 AFOSR67-0438
 AFOSR67-0612
 AFOSR68-1176
 AFOSR68-0924
 AFOSR67-1167
 AFOSR67-0422
 AFOSR67-0007
 AFOSR67-0349

| | |
|--|--------------|
| ABSOLUTE RADIATION STANDARD IN THE FAR INFRARED | AFOSR67-0488 |
| THEORETICAL AND EXPERIMENTAL STUDIES OF INFRARED EMISSION DURING THE LAUNCH PHASE /U/ FINAL REPORT DEC 1966 | AFOSR67-0173 |
| RESEARCH IN THE FIELD OF HIGH RESOLUTION INFRARED SPECTROSCOPY FINAL REPORT JAN 1967 | AFOSR67-0437 |
| STRENGTHS OF LINES IN THE SUB 1 AND SUB 3 INFRARED BANDS OF H SUB 20 FINAL REPORT FEB 1967 | AFOSR67-0186 |
| RESEARCH DIRECTED TOWARDS THE STUDY OF FAR INFRARED ABSORPTION CONTOURS FINAL REPORT JULY 1967 | AFOSR67-0482 |
| AN EVALUATION OF METHODS OF MULTIPLEXING AN INFRARED IMAGE AND IMAGING IT IN THE VISIBLE | AFOSR68-0600 |
| ELECTRICAL PROPERTIES OF MATERIALS IN THE FAR INFRARED REGION FINAL REPORT FEB 1968 | AFOSR68-0468 |
| NONPLANAR CYCLOPENTANE TEMPERATURE DEPENDENCE OF INFRARED SPECTRA OF CIS-AND TRANS-METHYL | AFOSR68-0407 |
| STUDY OF THE EFFECTS OF ATMOSPHERIC PARAMETERS ON INFRARED TRANSMISSION MEASUREMENTS AND THE EFFECTS ON NON-THERMAL OR | AFOSR68-0008 |
| KINETIC SPECTROSCOPY IN THE INFRARED A RAPID-SCAN INFRARED SPECTROMETER | AFOSR67-0875 |
| NEGATIVE RESULTS IN A SEARCH FOR RADIO EMISSION FROM INFRARED AND T TAURI STARS | AFOSR67-2778 |
| AMMONIUM AND HYDROGEN BARE EARTH ACETYLACETATES AND THEIR INFRARED SPECTRA | ARL 68-0382 |
| DEVELOPMENT OF INSTRUMENTATION WHICH WILL ALLOW MEASUREMENT OF THE INFRARED REFRACTIVE INDEX OF GEONE FINAL REPORT APR | AFOSR68-0897 |
| RADIATIVE TRANSFER FROM AN INHOMOGENEOUS NON-SCATTERING GAS IN THE INFRARED FINAL REPORT JULY 1968 | ARL 68-0118 |
| HEAVILY DOPED SILICON AS A LOW TEMPERATURE TRANSMISSION FILTER FOR THE FAR INFRARED | AFOSR67-1343 |
| RELAXATION OSCILLATIONS IN N-TYPE INSR AND RESPONSIVITY MEASUREMENTS IN THE FAR INFRARED | AFOSR67-1868 |
| LIMP INTENSITY AND PRESSURE BROADENING STUDIES IN HYDROGEN FLUORIDE AND OTHER PROBLEMS IN INFRARED SPECTROSCOPY FINAL | AFOSR67-0612 |
| MEASUREMENTS OF CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED ENERGY FINAL REPORT | AFOSR68-0003 |
| AIRCRAFT INSTRUMENTATION TO MEASURE CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED | AFOSR67-0042 |
| INFRASONIC | |
| THEORETICAL STUDY OF THE PROPAGATION OF INFRASONIC WAVES IN THE ATMOSPHERE FINAL REPORT FEB 1967 | AFOSR67-0172 |
| INHERITANCE | |
| INHERITANCE OF XANTHINE DEHYDROGENASE IN DROSOPHILA MELANOGASTER | AFOSR68-2327 |
| INHERITANCE OF XANTHINE DEHYDROGENASE IN DROSOPHILA MELANOGASTER FINAL REPORT NOV 1968 | AFOSR68-2328 |
| INHIBITION | |
| INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE - PART I KINETIC RESULTS | AFOSR67-0563 |
| INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE PART II: DISCUSSION AND EVALUATION OF VELOCITY CONSTANTS | AFOSR67-0586 |
| INHIBITION OF THE THERMAL REACTION BETWEEN HYDROGEN AND OXYGEN FINAL REPORT DEC 1966 | AFOSR67-0678 |
| INHIBITION OF THE HYDROGEN-OXYGEN REACTION BY ALKYL ALANES | AFOSR68-2664 |
| CYCLOPROPANES V INHIBITION OF POLYMERIZATION AND ADDITION OF ACIDS | AFOSR67-1526 |
| MECHANISM FOR PHOTIC INHIBITION OF FLASHING IN FIREFLIES | AFOSR68-2718 |
| EFFECTS OF CASTRATION OF THE INHIBITION OF FLASHING IN FIREFLIES | AFOSR68-2709 |
| ULTRASTRUCTURAL ASPECTS OF THE INHIBITION OF NEUROSECRETION BY PUROMYCIN | AFOSR67-2097 |
| OPTICATOR REACTION LOCOMOTOR BIAS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCOPLETUS AND THE BEETLE ZOPHOBAS | AFOSR67-1344 |
| OPTICATOR REACTION LOCOMOTOR BIAS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCOPLETUS AND THE BEETLE ZOPHOBAS | AFOSR68-1691 |
| NEURONS OF THE MEDIAL Diencephalon I SOMATOSENSORY RESPONSES AND CAUDATE INHIBITION | AFOSR67-0970 |
| MODULATION OF TRANSMISSION OF OPTIC NERVE IMPULSES IN THE ALERT CAT: EVIDENCE OF PRESYNAPTIC INHIBITION OF PRIMARY | AFOSR67-0557 |
| INHIBITORY | |
| INHIBITORY ACTION OF ADRENERGIC BLOCKING AGENTS ON CATECHOLAMINE RELEASE AND UPTAKE IN ISOLATED NERVE GRANULES | AFOSR67-0500 |
| INHOMOGENEITIES | |
| SPATIAL INHOMOGENEITIES IN THE PULSED GLOW DISCHARGE | ARL 67-0082 |
| GUIDED WAVES IN BOUNDED MEDIA WITH RANDOM CROSS INHOMOGENEITIES | AFOSR67-0261 |
| INHOMOGENEOUS | |
| INHOMOGENEOUS COMPLETION OF NON-COMPACT SEMISIMPLE GROUPS WITH THE MAXIMAL COMPACT SUBGROUP AS LITTLE GROUP | AFOSR67-0473 |
| STUDY OF INHOMOGENEOUS TURBULENCE | ARL 67-0161 |
| RADIATIVE TRANSFER FROM AN INHOMOGENEOUS NON-SCATTERING GAS IN THE INFRARED FINAL REPORT JULY 1968 | ARL 68-0118 |
| MULTI-MODE WAVE COUPLING IN INHOMOGENEOUS ANISOTROPIC MEDIA - WITH SOME MAGNETOIONIC APPLICATIONS | AFOSR68-0067 |
| COUPLED WAVE EQUATIONS FOR MULTI-MODE INHOMOGENEOUS MEDIA II | AFOSR67-0644 |
| PLANE WAVE PROPAGATION THROUGH A COMPRESSIBLE INHOMOGENEOUS PLASMA | AFOSR67-0299 |
| HYDROMAGNETIC WAVES IN THE IONOSPHERE PROPAGATION THROUGH INHOMOGENEOUS AND CURRENT CARRYING REGIONS | AFOSR67-0236 |
| THE FIELD FROM AN SH POINT SOURCE IN A CONTINUOUSLY LAYERED INHOMOGENEOUS HALF-SPACE II THE FIELD IN A HALF-SPACE | AFOSR67-0675 |
| ON TRANSITION FUNCTIONS OCCURRING IN THE THEORY OF DIFFRACTION IN INHOMOGENEOUS MEDIA | AFOSR67-1734 |
| INHOMOGENIZATIONS | |
| INHOMOGENIZATIONS OF SEMI-SIMPLE LIE ALGEBRAS | AFOSR67-0549 |
| INITIAL | |
| INITIAL RESULTS OF SIMULTANEOUS RADAR-OPTICAL SIGNATURE MEASUREMENTS | ARL 67-1325 |
| ON INITIAL CONDITIONS FOR VISCOUS INTERACTING FLOWS FINAL REPORT DECEMBER 1966 | ARL 68-0218 |
| STRONG INITIAL- AND FINAL-STATE INTERACTIONS IN NONRELATIVISTIC HYPERNUCLEAR DECAYS AND IN PARITY-VIOLATING REACTIONS | AFOSR67-2029 |
| EFFECT OF INITIAL IMPERFECTIONS ON THE INSTABILITY OF A RING CONFINED IN AN IMPERFECT RIGID BOUNDARY | AFOSR68-2672 |
| EFFECT OF INITIAL CONFIGURATION ON LIMITATION POINT MOTION | ARL 67-0204 |
| AN EXTENSION OF THE INITIAL VALUE THEOREM AND ITS APPLICATION TO RANDOM SIGNAL ANALYSIS | AFOSR68-1832 |
| FACTORS AFFECTING THE INITIAL PLASTIC BEHAVIOR OF CLOSE PACKED METAL SINGLE CRYSTALS FINAL REPORT APRIL 1968 | AFOSR68-1109 |
| ASYMPTOTIC SOLUTION OF INITIAL BOUNDARY-VALUE PROBLEMS FOR HYPERBOLIC SYSTEMS | AFOSR68-0073 |
| UNIFORM ASYMPTOTIC SOLUTIONS OF DISCONTINUOUS INITIAL VALUE PROBLEMS FOR DISPERSIVE HYPERBOLIC EQUATIONS | AFOSR67-1249 |
| RESEARCH ON OBJECTIVE WEATHER FORECASTING ON THE COMPUTATION OF INITIAL WIND FIELDS FOR THE INTEGRATION OF THE | AFOSR67-0093 |
| FURTHER RESEARCH ON THE EFFECT OF TEST MACHINE EXTENSIONAL RIGIDITY ON THE INITIAL BUCKLING LOAD OF UNREINFORCED | AFOSR67-1588 |
| A COMPARISON OF HYPNOTIC SUSCEPTIBILITY AS ASSESSED BY DIAGNOSTIC RATINGS AND INITIAL STANDARDIZED TEST SCORES | AFOSR67-1839 |
| INITIAL-BOUNDARY | |
| THE LAPLACE TRANSFORM AND INITIAL-BOUNDARY VALUE PROBLEMS | AFOSR67-1265 |
| INITIATED | |
| MULTIPOINT INITIATED IMPLICATIONS FROM HEMISPHERICAL SHELLS OF SHEET EXPLOSIVE | ARL 67-0018 |
| AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE: FINAL REPORT OCT | ARL 67-0202 |
| AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE | ARL 67-1221 |
| INITIATION | |
| INITIATION OF DETONATION BY INCIDENT SHOCK WAVES IN HYDROGEN-OXYGEN-ARGON MIXTURES | ARL 67-1124 |
| INITIATION OF DETONATION BY INCIDENT SHOCK WAVES IN HYDROGEN-OXYGEN-ARGON MIXTURES | ARL 68-0380 |
| FORMATION OF CAVITIES AND MICROJETS IN LIQUIDS AND THEIR ROLE IN INITIATION AND GROWTH OF EXPLOSION | AFOSR67-2230 |
| INJECTION | |
| INJECTION EFFECTS IN HIGH BRANDTL NUMBER BOUNDARY-LAYER FLOWS | AFOSR68-2629 |
| THE EFFECT OF MASS INJECTION ON HEAT TRANSFER FROM A PARTIALLY DISSOCIATED GAS STREAM | AFOSR67-2597 |
| EXPERIMENTS ON THE INJECTION AND CONFINEMENT OF ELECTRON CLOUDS IN A TOROIDAL APPARATUS | AFOSR68-1939 |
| INVESTIGATION OF TWO-CARRIER INJECTION ELECTROLUMINESCENCE FINAL REPORT DEC 1968 | AFOSR67-0005 |

INJECTION - CONTINUED

| | |
|--|--------------|
| AN EXPERIMENTAL STUDY OF SOME BASIC INJECTION TECHNIQUES AND THE EFFECT OF LARGE PRESSURE GRADIENTS ON TURBULENT | ARL 6A-0160 |
| INLINE | |
| REAS CHARACTERISTICS OF A GAS HAND-TO-GRAND INLINE FREQUENCY TRIPLER | AFOSR67-0820 |
| INNATE | |
| MECHANISM OF INNATE PATTERN LEARNING MEMORY AND READ-OUT WITHIN SINGLE NEURONS FINAL REPORT DEC 1967 | AFOSR67-2833 |
| INNER | |
| INNER FUNCTIONS IN POLYMERES | AFOSR67-1944 |
| INNER DISPLACEMENTS OF STRAINED MCP METALS | AFOSR68-0874 |
| INNER-SHELL | |
| 2 STRUCTURE AND INNER-SHELL VACANCIES IN NEON-NEON AND KRYPTON-KRYPTON COLLISIONS | AFOSR68-2062 |
| ATOMIC READJUSTMENT TO AN INNER-SHELL VACANCY MANGANESE POTASSIUM X-RAY EMISSION SPECTRA FROM AN IRON BS POTASSIUM- | AFOSR67-1141 |
| INNERVATION | |
| DOUBLE INNERVATION OF THE PELINE IRIS DILATOR | AFOSR67-2266 |
| INNOVAN | |
| EFFECT OF INNOVAN ON SUPRACORTICAL STRUCTURES IN MONKEYS | AFOSR67-2107 |
| INNOVATION | |
| INNOVATION IN TASK ORIENTED COMMUNICATION FINAL REPORT AUG 1967 | AFOSR67-1868 |
| ESTIMATION OF THE INNOVATION VARIANCE OF A STATIONARY TIME SERIES | AFOSR68-1639 |
| BUREAUCRATIC CONSERVATISM AND INNOVATION IN EASTERN EUROPE | AFOSR68-2846 |
| INNSBRUCK | |
| WORK DONE 1967/68 AT INNSBRUCK UNIVERSITY ON INSTABILITIES THE VLASOV EQUATION PARADAY GENERATORS WHO BOUNDARY LAYER | AFOSR68-1323 |
| INORGANIC | |
| SYNTHESIS OF INORGANIC POLYMERS | AFML 67-0134 |
| STRUCTURAL CHEMISTRY AND BONDING IN INORGANIC COMPOUNDS FINAL REPORT DEC 1968 | AFOSR68-2843 |
| ELECTRONIC STRUCTURE AND STABILITY OF THE INORGANIC FULMINATES | AFOSR68-0813 |
| NEGATIVE ION-MOLECULE REACTIONS IN SIMPLE INORGANIC SYSTEMS | ARL 68-1436 |
| TEMPERATURE DEPENDENT STUDY OF THE DIELECTRIC DISPERSION OF A VARIETY OF INORGANIC | AFOSR68-0561 |
| THE CRYSTAL AND MOLECULAR STRUCTURE AND THE SOLUTION CONFORMATION OF DIMETHYL GOLD (I) HYDROXIDE AN INORGANIC | AFOSR68-2863 |
| INPUT | |
| INPUT POWER INDUCED THERMAL EFFECTS RELATED TO TRANSITION TIME BETWEEN AVALANCHE AND SECOND BREAKDOWN IN P-N SILICON | AFOSR67-0767 |
| INPUT SELECTION FOR PARAMETER IDENTIFICATION IN DISCRETE SYSTEMS | AFOSR68-0865 |
| OUTPUT TO INPUT RELATIONSHIPS IN LATERAL GENUICULATE AND VISUAL CORTIX | AFOSR67-0877 |
| CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN ELECTRICALLY THICK TUBULAR ANTENNA DRIVEN BY A VOLTAGE ACROSS A FINITE | AFOSR67-0377 |
| SUB-OPTIMAL CONTROL OF NON-LINEAR SINGLE INPUT SYSTEMS | AFOSR68-2348 |
| OPTIMAL COOPERATIVE RENDEZVOUS OF LINEAR SINGLE INPUT SYSTEMS | AFOSR67-1592 |
| INPUTS | |
| NONLINEAR PREPROCESSING OF INPUTS TO LINEAR NEURAL NETS | AFOSR67-0054 |
| ON THE RESPONSE OF LINEAR SYSTEMS TO INPUTS WITH LIMITED AMPLITUDES AND SLOPES | AFOSR68-0069 |
| INQUIRIES | |
| GRINS. AN ON-LINE STRUCTURE FOR THE NEGOTIATION OF INQUIRIES FINAL REPORT SEPT 1967 | AFOSR68-1337 |
| INSECT | |
| THE INSECT CORNEAL NIPPLE ARRAY | AFOSR67-0913 |
| FINE STRUCTURE OF THE INSECT CORNEA AND CORNEAL NIPPLED DURING ONTOGENESIS | AFOSR67-0903 |
| OSCILLATORY CONTRACTILE MECHANISM OF INSECT FLIGHT MUSCLE | AFOSR67-2253 |
| THE EFFECT OF ADP ON THE ATPASE ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC STRENGTH | AFOSR67-2251 |
| EFFECTS OF MAGNESIUM AND CALCIUM IONS ON THE ADENOSINETRIPHOSPHATASE ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC | AFOSR67-2249 |
| INSECTS | |
| RADAR OBSERVATIONS OF INSECTS IN FREE FLIGHT | AFOSR67-0127 |
| RADAR REFLECTIONS FROM INSECTS IN THE LOWER ATMOSPHERE | AFOSR67-0823 |
| WAVE-LENGTH DISCRIMINATION IN INSECTS A RECEPTOR CLASSES IN THE COMPOUND EYE OF THE BACKSWIMMER NOTONECTA 8 SPECTRAL | AFOSR67-0714 |
| ELECTRON MICROSCOPY OF LIVING INSECTS | AFOSR68-0077 |
| PROPERTIES OF RESILIN AND ELASTOMERS IN INSECTS FINAL REPORT JAN 1968 | AFOSR68-0394 |
| INSENSITIVE | |
| STATE-VARIABLE SYNTHESIS FOR INSENSITIVE INTEGRATED CIRCUIT TRANSFER FUNCTIONS | AFOSR68-0942 |
| INSERTION | |
| INSERTION OF CCL2 INTO THE SILICON-CARBON BOND OF SILACYCLOBUTANES | AFOSR67-0983 |
| CK2 INSERTION INTO THE SILICON-MERCURY AND GERMANIUM-MERCURY BONDS | AFOSR67-0903 |
| MALONETHYL-METAL COMPOUNDS XVII INSERTION OF HALOCARBENES INTO THE MERCURY-HALOGEN BOND | AFOSR68-2524 |
| MALONETHYL-METAL COMPOUNDS XVII THE MECHANISM OF DICHLOROCARBENE INSERTION INTO THE SI-M BOND BY THE MERCURIAL ROUTE | AFOSR68-1884 |
| THE REACTION OF PHENYL/TRIHALOMETHYL/MERCURIALS WITH HEXAMETHYLDITIN THE FIRST CASE OF DIHALOCARBENE INSERTION INTO A | AFOSR67-1658 |
| INSOLUBLE | |
| WATER INSOLUBLE DERIVATIVES OF PROTEINS WITH BIOLOGICAL ACTIVITY FINAL REPORT SEPT 1967 | AFOSR67-2025 |
| INSOMNIA | |
| PERMANENT INSOMNIA AND DIMINUTION OF CEREBRAL SEROTONIN BY LESION OF THE RAPHE SYSTEM IN THE CAT /FRENCH/ | AFOSR67-2562 |
| INSTABILITIES | |
| INSTABILITIES IN A DRIFTING SEMICONDUCTOR PLASMA | AFOSR67-1388 |
| PLASMA-WAVE INSTABILITIES IN THE IONOSPHERE OVER THE AURORA | AFOSR68-2775 |
| ION CYCLOTRON INSTABILITIES IN A BOUNDED DEAF-PLASMA SYSTEM | AFOSR67-0462 |

INSTABILITIES - CONTINUED

| | |
|--|--------------|
| VELOCITY-SPACE INSTABILITIES IN A SIMULATED FUSION PLASMA AND LASER GENERATION OF PLASMA FINAL REPORT JUNE 1968 | AFOSR68-1756 |
| STATIC AND DYNAMIC INSTABILITIES OF A PROPELLANT LINE | AFOSR67-1398 |
| INVESTIGATION OF PLASMA INSTABILITIES AND ADDITIONAL WND INVESTIGATIONS FINAL REPORT DEC 1967 | AFOSR68-0236 |
| ABSOLUTE AND CONVECTIVE INSTABILITIES | ARL 68-1275 |
| MAGNETOELASTIC PARALLEL-PUMP INSTABILITIES FOR GENERALLY DIRECTED WAVES | AFOSR67-0833 |
| CONFINED AND NONCONFINED INTERCHANGE INSTABILITIES OBTAINED FROM NONLINEAR COMPUTER MODELS | AFOSR67-0687 |
| INTERACTION OF MECHANICAL AND ACOUSTIC INSTABILITIES OF A CIRCULAR CYLINDRICAL SHELL | AFOSR68-1323 |
| WIND TUNNEL 1967/68 AT INNSBRUCK UNIVERSITY ON INSTABILITIES THE VLASOV EQUATION PARADAY GENERATORS AND BOUNDARY LAYER | ARL 68-1430 |
| EXTINCTION OF LANDAU DAMPING AND COLLISIONAL INSTABILITIES IN RAMBAUER GASES | AFOSR67-0895 |
| MODE SYNCHRONIZATION PHENOMENA IN UNIVERSAL PLASMA INSTABILITIES | ARL 68-1478 |
| THE PEEK GAIN METHOD FOR DETERMINING PROPAGATION CHARACTERISTICS OF INSTABILITIES | |
| INSTABILITIES-A | |
| MACROSCOPIC FINITE RESISTIVITY INSTABILITIES-A LITERATURE SURVEY | AFOSR67-1086 |
| INSTABILITY | |
| INSTABILITY OF FIRING THRESHOLD AND REMOTE ACTIVATION IN CORTICAL NEURONES | AFOSR67-1047 |
| INSTABILITY OF RE-ATTACHING FLOWS | AFOSR68-0626 |
| INSTABILITY AND NON-MONOTONICITY PHENOMENA IN DISCRETIZATIONS TO BOUNDARY-VALUE PROBLEMS | AFOSR68-2508 |
| SINGLE INSTABILITY MECHANISMS FOR DYNAMIC LOADING FINAL REPORT MAR 1968 | AFOSR68-0249 |
| GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM STIFFENERS | AFOSR67-0967 |
| GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM STIFFENERS | AFOSR67-1929 |
| INTERNAL INSTABILITY RESULTING FROM SYNCHROTRON RADIATION | AFOSR67-2633 |
| NONLINEAR INSTABILITY | AFOSR67-2586 |
| CONVECTIVE INSTABILITY OF INERTIA WAVES AND PHYSICAL ANALYSIS OF THE FORMATION OF TYPHOONS AT THE EARLY STAGE | AFOSR68-0892 |
| COMBUSTION INSTABILITY IN LIQUID PROPELLANT ROCKET ENGINES FINAL REPORT OCT 1968 | AFOSR67-0149 |
| STRUCTURAL INSTABILITY FINAL REPORT JUNE 1968 | AFOSR68-1194 |
| BOUNDARY LAYER INSTABILITY ON SWEPT WINGS /GERMAN/ | AFOSR67-2608 |
| AN ION RESONANCE INSTABILITY IN GROSSLY NON-NEUTRAL PLASMAS | AFOSR68-2082 |
| GROWING WAVE AND INSTABILITY CRITERIA FOR HOT PLASMAS | ARL 68-0333 |
| GROWING WAVE AND INSTABILITY CRITERIA FOR HOT PLASMAS | ARL 68-0336 |
| ON THE CONVECTIVE INSTABILITY OF A GASEOUS STAR /FRENCH/ | AFOSR68-2521 |
| ANOMALOUS RESISTIVE INSTABILITY | AFOSR67-2593 |
| PARAMETRIC STUDY OF ROCKET INSTABILITY FINAL REPORT FEB 1968 | AFOSR68-0885 |
| ON THE NONLINEAR COMPUTATIONAL INSTABILITY OF THE EQUATIONS OF ONE-DIMENSIONAL FLOW FINAL REPORT FEB 1968 | AFOSR68-0238 |
| SOME FUNDAMENTALS OF COMBUSTION INSTABILITY | AFOSR68-0830 |
| ADIABATIC PULSATIONS AND CONVECTIVE INSTABILITY OF GASEOUS MASSES | AFOSR67-2666 |
| UNIFORM MODE RESONANCE AND SPIN-WAVE INSTABILITY IN ROTARY | AFOSR67-0660 |
| THE PHYSICAL NATURE OF THE NUMERICAL INSTABILITY IN THE SOLUTION OF THE EQUATIONS OF TRANSFER | ARL 67-1179 |
| EFFECT OF INITIAL IMPERFECTIONS ON THE INSTABILITY OF A RING CONFINED IN AN IMPERFECT RIGID BOUNDARY | AFOSR68-2672 |
| MECHANICAL VIBRATION - A DRIVING MECHANISM FOR COMBUSTION INSTABILITY IN ROCKET ENGINES FINAL REPORT OCT 1968 | AFOSR68-2366 |
| INSTANTANEOUS | |
| MINIATURE PROBES FOR THE INSTANTANEOUS MEASUREMENT OF ENTHALPY IN ARC JETS FINAL REPORT SEP 1967 | ARL 67-0181 |
| INSTINCTIVE | |
| NEURAL MECHANISMS INVOLVED IN INSTINCTIVE BEHAVIOR FINAL REPORT NOV 1968 | AFOSR67-0097 |
| INSTRUCTION | |
| SUPPLEMENT TO 1957 INSTRUCTION MANUAL NO 10 COSMIC RAY TABLE ASYMPTOTIC DIRECTIONS VARIATIONAL COEFFICIENTS AND CUTOFF | AFOSR68-0030 |
| THE ADAPTIVELY CONTROLLED INSTRUCTION OF A TRANSFORMATION SKILL | AFOSR68-0448 |
| USING A COMPUTER TO DESIGN COMPUTER INSTRUCTION SETS | AFOSR68-1612 |
| DECISION-THEORETIC PSYCHOMETRICS THE WORTH OF INDIVIDUALIZING INSTRUCTION | AFOSR68-2156 |
| INSTRUCTIONAL | |
| A COMPUTER-AIDED INSTRUCTIONAL SYSTEM FOR TRANSMISSION LINE SIMULATION | AFOSR68-1658 |
| THE RELATIVE EFFECTIVENESS OF FIVE INSTRUCTIONAL STRATEGIES | AFOSR68-2158 |
| INSTRUCTIONS | |
| INSTRUCTIONS ABOUT RANDOMNESS AND RUN DEPENDENCY IN TWO- CHOICE LEARNING | AFOSR67-2743 |
| OPERATION INSTRUCTIONS AND DESCRIPTION OF COMPUTER PROGRAM FOR FINITE DIFFERENCE SOLUTIONS OF THE LAMINAR COMPRESSIBLE | ARL 67-0098 |
| LINC COMPUTER USER-INTERACTIVE PROGRAMS AND MACRO INSTRUCTIONS | AFOSR67-1465 |
| INSTRUMENT | |
| INSTRUMENT FOR FUNCTIONAL READOUT OF CHRONOCOLOMETRIC DATA APPLICATION TO CADMIUM ADSORPTION FROM IODIDE MEDIUM | AFOSR67-0750 |
| A ROCKET INSTRUMENT FOR THE MEASUREMENT OF DAY AIRGLOW | AFOSR67-0257 |
| ANALYSIS OF MUSICAL INSTRUMENT TONES | AFOSR68-0775 |
| RESEARCH TOWARD FEASIBILITY OF AN INSTRUMENT FOR MEASURING VERTICAL GRADIENTS OF GRAVITY FINAL REPORT OCT 1967 | AFOSR67-0631 |
| THEORY AND DESIGN CONSIDERATIONS IN DEVELOPING A MULTI-PURPOSE INSTRUMENT FOR DETERMINATION OF TWELVE PROPERTIES | AFOSR67-2351 |
| INSTRUMENTAL | |
| OPTIMIZATION OF THE CRITICAL INSTRUMENTAL PARAMETERS FOR ACHIEVING MAXIMUM SENSITIVITY AND PRECISION IN | AFOSR68-0354 |
| ROLE OF TWO THALAMIC NUCLEI IN INSTRUMENTAL CONDITIONING IN THE RAT /FRENCH/ | AFOSR67-0113 |
| INSTRUMENTATION | |
| INSTRUMENTATION AND TECHNIQUES FOR UPPER ATMOSPHERE MEASUREMENTS FINAL REPORT JUNE 1967 | AFOSR67-0371 |
| INSTRUMENTATION FOR AIR DENSITY MEASUREMENTS FINAL REPORT SEPT 1967 | AFOSR67-0532 |
| ROCKET INSTRUMENTATION FOR AURORAL MEASUREMENTS - BLACK BRANT AC 17.604 | AFOSR67-0295 |
| ROCKET INSTRUMENTATION FOR SOLAR ECLIPSE MEASUREMENTS 12 NOVEMBER 1966 | AFOSR67-0336 |
| ROCKET INSTRUMENTATION FOR THE GYRO-INTERACTION EXPERIMENT - AEROSER 3-614 | AFOSR67-0586 |
| ROCKET INSTRUMENTATION FOR AURORAL MEASUREMENTS - AEROSER 3-615 | AFOSR68-0538 |
| AIRCRAFT INSTRUMENTATION TO MEASURE CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED | AFOSR67-0042 |
| SATELLITE INSTRUMENTATION PROCESSOR SYSTEM FINAL REPORT MAY 1968 | AFOSR68-0294 |
| PARALLELS OF INSTRUMENTATION IN SPACE RESEARCH | AFOSR67-0855 |
| ROCKET-BORNE INSTRUMENTATION IN DETERMINING AIR DENSITY BY RAYLEIGH-SCATTERED LIGHT | AFOSR68-0085 |
| ASTROPHOTIC INSTRUMENTATION AND FIELD SERVICES ENGINEERING FINAL REPORT DEC 1966 | AFOSR67-0031 |
| DEVELOPMENT OF INSTRUMENTATION WHICH WILL ALLOW MEASUREMENT OF THE INFRARED REFRACTIVE INDEX OF OZONE FINAL REPORT APR | AFOSR68-0207 |
| SOLAR RESEARCH AND INSTRUMENTATION PROGRAMS AT SACRAMENTO PEAK OBSERVATORY AND HIGH ALTITUDE OBSERVATORY FINAL REPORT | AFOSR67-0390 |
| DATA TRANSMISSION AND INSTRUMENTATION SYSTEMS FOR SPACE VEHICLES FINAL REPORT APR 1967 | AFOSR67-0338 |
| SYSTEMS ANALYSIS AND ADDITIONAL INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND PULSE DOPPLER RADAR | AFOSR67-0182 |
| STUDIES OF AIRGLOW AND AURORA PHENOMENA USING INSTRUMENTATION TECHNIQUES FINAL REPORT MAR 1967 | AFOSR67-0431 |
| INSTRUMENTS | |
| THE EFFECT OF INSTRUMENTS ON ELECTRICAL NOISE | ARL 67-1059 |
| EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION | AFOSR67-0447 |

INSTRUMENTS - CONTINUED

EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION FINAL REPORT OCT 1968 AFCL68-0688
A STEREOSCOPIC DISPLAY SYSTEM FOR ELECTRON MICROSCOPE INSTRUMENTS AFOSR67-1410
REFRESHMENT TEST INFORMATION AND FIELD SUPPORT OF SCIENTIFIC INSTRUMENTS FOR THE OVI-13 SATELLITE FINAL REPORT JUN AFCL68-0286

INSULATED

THE INSULATED CYLINDRICAL ANTENNA IMMERSED IN A COMPRESSIBLE PLASMA AFCL68-0677

INSULATING

INSULATING CRYSTALS FINAL REPORT FEB 1968 AFCL68-0236
THEORY OF INTERACTION OF LIGHT WITH INSULATING CRYSTALS ARL 68-1418
RECENT RESEARCH CONCERNING SOLID STATE PHENOMENA IN INSULATING CRYSTALS PERFORMED AT HIS INSTITUTE ARL 67-1314

INSULATOR

INSULATOR BOUNDARY LAYERS IN A SUPersonic MAGNETOHYDRODYNAMIC CHANNEL TUNNELING BETWEEN A METAL AND SILICON SEPARATED BY A POLYMER INSULATOR AFOSR68-1836
AFOSR67-0607

INSULATORS

EXCITONS AND PLASMONS IN INSULATORS AFOSR68-1823
THEORY OF FERROMAGNETISM IN INSULATORS FINAL REPORT MARCH 1968 AFOSR68-0886
TRANSIENT CONDUCTIVITY IN ORGANIC INSULATORS FINAL REPORT SEPT 1967 AFCL67-0518
THEORY OF LATTICE RAMAN EFFECT IN INSULATORS ARL 67-1322
OPTICAL AND ELECTRICAL PROPERTIES OF INSULATORS FINAL REPORT DEC 1967 AFCL68-0363
THEORETICAL ANALYSIS OF A SECONDARY EMISSION EXPERIMENT ON INSULATORS AFCL67-0669

INSURRECTION

CHINESE COMMUNIST HISTORY - THE AUTUMN HARVEST INSURRECTION AFOSR68-1414

INTEGR

MAGNETICALLY CHARGED FIELDS WITH INTEGR SPIN AFOSR67-0122
THE FORMULATION OF SOME ALLOCATION AND CONNECTION PROBLEMS AS INTEGER PROGRAMS AFOSR67-0441

INTEGERS

FOURIER SERIES ON THE RING OF INTEGERS IN A P-SERIES FIELD AFOSR67-2616

INTEGRABLE

DESIGN OF INTEGRABLE DESENSITIZED FREQUENCY SELECTIVE AMPLIFIERS AFOSR67-0331
ON VOLTERRA INTEGRAL EQUATIONS WITH NONNEGATIVE INTEGRABLE RESOLVENTS AFOSR68-2424

INTEGRAL

INTEGRAL REPRESENTATION OF INVARIANT STATES OF B-ALGEBRAS AFOSR67-1899
INTEGRAL REPRESENTATION ON COMPACT CONVEX SETS AFOSR67-1560
INTEGRAL THEORY FOR SUPERSONIC TURBULENT BASE FLOWS AFOSR68-2429
INTEGRAL TRANSFORM TECHNIQUES ARL 67-1259
INTEGRAL EQUATION TREATMENT OF THE LINEARIZED THEORY OF ELECTROSTATIC PLASMA OSCILLATIONS ARL 68-0239
INTEGRAL TRANSFORM TECHNIQUES ARL 68-1278
INTEGRAL EQUATION TREATMENT OF THE LINEARIZED VLASOV EQUATION THEORY ARL 68-1474
AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS USING THE TURBULENT KINETIC ENERGY EQUATION AFOSR68-1566
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS ARL 68-0047
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS ARL 68-0189
SOME INTEGRAL EQUATIONS WITH NONRATIONAL KERNELS AFOSR67-0772
ON AN INTEGRAL EQUATION IN DIFFRACTION THEORY AFOSR68-0018
SINGULAR INTEGRAL OPERATORS ON A HALF-LINE AFOSR67-1738
SINGULAR INTEGRAL EQUATIONS WITH SPECIAL REFERENCE TO BOUNDARY-VALUE PROBLEMS FINAL REPORT JULY 1968 AFOSR68-1616
SOME NEW INTEGRAL RELATIONS INVOLVING BESSEL FUNCTIONS ARL 68-1254
SOME NEW INTEGRAL RELATIONS INVOLVING BESSEL FUNCTIONS ARL 68-1469
REMARKS ON INTEGRAL INEQUALITIES ON COMPLEX MANIFOLDS AFOSR67-0118
FUNCTIONAL INTEGRAL REPRESENTATION OF NONEQUILIBRIUM STATISTICAL MECHANICS AFOSR67-2186
ROLE OF THE INTEGRAL OPERATOR METHOD IN THE THEORY OF POTENTIAL SCATTERING AFOSR67-1188
SOLUTION OF INTEGRAL EQUATIONS BY HYBRID COMPUTATION AFOSR67-1485
ON VOLTERRA INTEGRAL EQUATIONS WITH NONNEGATIVE INTEGRABLE RESOLVENTS AFOSR68-2424
ON THE METHOD OF INTEGRAL RELATIONS ARL 67-0100
A NOTE ON VOLTERRA INTEGRAL EQUATIONS AND TOPOLOGICAL DYNAMICS AFOSR68-2580
THE EVALUATION OF AN INTEGRAL INVOLVING THE PRODUCT OF TWO GEGENBAUER POLYNOMIALS AFOSR68-1285
NUMERICAL TEST OF THE INTEGRAL HELLMANN-FEYNMAN THEOREM AFOSR67-2470
ON THE GRD MULTIMOMENT INTEGRAL METHOD ARL 67-1234
SOME ASPECTS OF THE METHOD OF INTEGRAL RELATIONS ARL 67-1065
MORE ON THE CALCULATION OF AN INTEGRAL ARL 68-0086
AN APPROXIMATION TO A DEFINITE INTEGRAL ARL 68-0284
SOLUTION OF A CLASS OF SINGULAR INTEGRAL EQUATIONS AFOSR67-1784
ON THE BASE PROBLEM FOR A COMPACT INTEGRAL OPERATOR AFOSR67-2590
RELATIVISTIC 3-DIMENSIONAL 2-BODY INTEGRAL EQUATIONS ON-SHELL AND OFF-SHELL FORMALISMS AFOSR67-2620
BOUNDARY ON THE VALUE OF A DIRICHLET INTEGRAL REPRESENTING A COEFFICIENT OF APPARENT MASS ARL 67-1276
GENERALIZATION OF A BESSEL FUNCTION INTEGRAL ARL 68-0122
A NONLINEAR DISCRETE SYSTEM EQUIVALENCE OF INTEGRAL PULSE FREQUENCY MODULATION SYSTEMS AFOSR68-2323
REGULARIZING TRANSFORMATIONS OF THE JACOBIAN INTEGRAL AFOSR67-0636
A FURTHER ADAPTIVE INVARIANCE OF THE ACTION INTEGRAL FOR THE HARMONIC OSCILLATOR AFOSR68-1003
A PROCEDURE FOR DERIVING INVERSION FORMULAE FOR INTEGRAL TRANSFORM PAIRS OF A GENERAL KIND AFOSR68-1729
LOW-TEMPERATURE RESISTIVITY AND THE SIGN OF THE EXCHANGE INTEGRAL AFOSR67-2728
MOMENTUM-SPACE ANALYTICITY PROPERTIES OF THE BERGMAN-WEIL INTEGRAL FOR THE THREE POINT FUNCTION AFOSR67-1537
SUCCESSIVE APPROXIMATION OF SOLUTIONS OF MOLODENSKY'S BASIC INTEGRAL EQUATION AFCL67-0806
GENERALIZED LINEAR DIFFERENTIAL SYSTEMS AND RELATED RICCATI MATRIX INTEGRAL EQUATIONS AFOSR67-0216
ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD ARL 67-0037
ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD ARL 67-0289
A SYSTEM OF INEQUALITIES FOR THE INCOMPLETE GAMMA FUNCTION AND THE NORMAL INTEGRAL ARL 67-0259

INTEGRALS

INTEGRALS IN THE THEORY OF ELECTRON CORRELATIONS AFOSR67-2723
INTEGRALS WHICH ARE CONVEX FUNCTIONS AFOSR68-2439
EICHLEIR INTEGRALS AND THE AREA THEOREM OF BERS AFOSR68-2835
THREE FAMILIES OF INTEGRALS WHICH ARISE IN SOME THREE-BODY PROBLEMS AFCL67-0222
DOPPLER BROADENING INTEGRALS AFOSR67-0082
ON CONSTRUCTING FORMAL INTEGRALS OF A HAMILTONIAN SYSTEM NEAR AN EQUILIBRIUM POINT AFOSR67-0136
ASYMPTOTIC BEHAVIOR OF INTEGRALS CONNECTED WITH SPECTRAL FUNCTIONS OF HYPOELLIPTIC OPERATORS AFOSR68-1907
CONVERGENCE OF POISSON INTEGRALS FOR BOUNDED SYMMETRIC DOMAINS AFOSR68-2736
ON LINEAR FORMS STOCHASTIC INTEGRALS AFOSR67-1969
EVALUATION OF SOME TRANSPORT INTEGRALS II AFOSR67-1231

INTEGRALS

- CONTINUED

ON PERIOD RELATIONS FOR ASPLIAN INTEGRALS ON ALGEBRAIC CURVES
UNIFORM ASYMPTOTIC EXPANSIONS OF INTEGRALS WITH STATIONARY POINT NEAR ALGEBRAIC SINGULARITY
A TRANSLATION THEOREM FOR ANALYTIC REYNOLDS INTEGRALS
ON LIMITS OF RIEMANN SUMS AND THE RAMP OF INTEGRALS
A MORPHOLOGICAL APPROACH TO PARAMETRIC REYNOLDS INTEGRALS
ON THE UNIFORM LIMIT OF MULTIPLE RAYLEIGH OF VECTOR INTEGRALS
ON THE MINIMIZATION OF THE PRODUCT OF THE POWERS OF SEVERAL INTEGRALS
CALCULATION OF TROPICAL HARMONICS WITHOUT RECOURSE TO ELLIPTIC INTEGRALS
DRAG MINIMIZATION AS THE EXTREMIZATION OF PRODUCTS OF POWERS OF INTEGRALS

AFOSR67-2808
AFOSR67-1625
AFOSR67-2767
AFOSR68-1026
AFOSR67-1637
AFOSR67-0780
AFOSR67-2287
ARL 67-1278
AFOSR67-0937

INTEGRATED

INTEGRATED LOGIC NETS FINAL REPORT JAN 1967
INTEGRATED LOGIC NETWORKS FINAL REPORT OCT 1968
INTEGRATED VARIABLE CAPACITORS FOR LARGE CAPACITANCE VARIATIONS
INTEGRATED SELECTIVE AMPLIFIERS USING FREQUENCY TRANSLATION
INTEGRATED DIRECT-COUPLED OSCILLATOR
INTEGRATED INTENSITY OF 3.3 MICRONS BAND OF METHANE
INTEGRATED VOLTAGE - CONTROLLED OSCILLATORS
INTEGRATED INTENSITY OF NITRIC OXIDE FUNDAMENTAL
INTEGRATED COS SOLAR CELL ARRAY
AN INTEGRATED METEOR RADAR SYSTEM FOR WIND AND DENSITY MEASUREMENTS IN THE UPPER ATMOSPHERE FINAL REPORT MAY 1967
GROUNDING OF CAPACITORS IN INTEGRATED CIRCUITS
MULTIPARAMETER SENSITIVITY IN ACTIVE RC INTEGRATED CIRCUITS
NOTE ON CLASSES OF FUNCTIONS DEFINED BY INTEGRATED LIPSCHITZ CONDITIONS
STATE-VARIABLE SYNTHESIS FOR INSENSITIVE INTEGRATED CIRCUIT TRANSFER FUNCTIONS
OSCILLATOR AND STATE-VARIABLE RESULTS FOR LINEAR INTEGRATED CIRCUITS
OSCILLATORS MODULATORS AND MIXERS SUITABLE FOR INTEGRATED CIRCUIT REALIZATION
A QUANTUMLESS TIME-VARIABLE SYNTHESIS SUITABLE FOR INTEGRATED CIRCUITS
ANALYSIS OF RADIATION INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS
ANALYSIS OF RADIATION-INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS FINAL REPORT FEB 1968
THE APPLICATION OF A POSITIVE EMITTANCE INVERTER TO THE DESIGN OF INTEGRATED SELECTIVE FILTERS
ANALYSIS AND SYNTHESIS OF NETWORKS USING RESONATORS COMPATIBLE WITH INTEGRATED ELECTRONICS

AFCL67-0066
AFCL68-0516
AFOSR67-0130
AFOSR67-0339
AFOSR67-1806
AFOSR68-0143
AFOSR68-1171
AFOSR68-1204
ARL 68-1416
AFCL67-0347
AFOSR67-1456
AFCL67-0067
AFOSR68-1076
AFOSR68-0942
AFOSR68-2304
AFOSR67-1170
AFOSR68-0887
AFCL67-0571
AFCL68-0200
AFOSR68-0089
AFCL67-0472

INTEGRATED-CIRCUIT

STATE-VARIABLE SYNTHESIS OF INTEGRATED-CIRCUIT DISTRIBUTED RC TRANSFER FUNCTIONS

AFOSR68-2894

INTEGRATING

VERY LOW FREQUENCY INTEGRATING VIBRATING SAMPLE MAGNETOMETER (VLSVM) WITH HIGH DIFFERENTIAL SENSITIVITY IN HIGH DC A REFERENCE ORBIT USEFUL IN INTEGRATING BETWEEN ACTIVITY SPHERES

AFOSR68-0822
AFOSR67-1170

INTEGRATION

INTEGRATION OF THE UNSTRADY NAVIER STOKES EQUATIONS BY FINITE DIFFERENCES
CEREBRAL INTEGRATION AND ITS ASSESSMENT BY DRUGS
TEMPORAL INTEGRATION OF PERCEPTUAL RESPONSE TO SUPRALIMINAL ELECTRICAL STIMULATION
A NUMERICAL INTEGRATION FORMULA USEFUL IN FOURIER ANALYSIS
THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS FINAL REPORT MARCH 1968
ON THE NUMERICAL INTEGRATION OF A SYMMETRIC SYSTEM OF DIFFERENCE-DIFFERENTIAL EQUATIONS OF NEUTRAL TYPE
REPRODUCTION TEST INTEGRATION AND FIELD SUPPORT OF SCIENTIFIC INSTRUMENTS FOR THE OVI-13 SATELLITE FINAL REPORT JUN
A FURTHER STUDY OF THE TEMPORAL INTEGRATION OF LOUDNESS
AN APPROACH TO DAMOUX-STIELTJES INTEGRATION
CAMBRIDGE ATMOSPHERIC DENSITY NUMERICAL INTEGRATION PROGRAM CADNIP FINAL REPORT AUG 1967
A SEARCH FOR OPTIMUM METHODS FOR THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS
A COMPUTER STUDY OF THE ESTIMATED PROPAGATION OF ERRORS IN THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL
RESEARCH ON OBJECTIVE WEATHER FORECASTING ON THE COMPUTATION OF INITIAL WIND FIELDS FOR THE INTEGRATION OF THE

ARL 67-1064
AFOSR67-0547
AFOSR68-2850
AFOSR68-0633
AFOSR68-0712
AFOSR68-0674
AFCL68-0286
AFOSR68-2204
ARL 68-0350
AFCL67-04
AFOSR68-0011
ARL 67-1006
AFCL67-0063

INTELLECTUAL

MEMORY AND THOUGHT IN HUMAN INTELLECTUAL PERFORMANCE

AFOSR67-1816

INTELLIGENCE

ON MATHEMATICAL RESEARCH FOR ARTIFICIAL INTELLIGENCE

AFOSR68-1824

INTELLIGENT

RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEM
RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEMS FINAL REPORT MAY 1968
ON REPRESENTATIONS AND MODELING IN PROBLEM SOLVING AND ON FUTURE DIRECTIONS FOR INTELLIGENT SYSTEMS

AFCL67-0370
AFCL68-0266
AFOSR68-1580

INTELLIGIBILITY

THE SIGNIFICANCE OF THE SECOND FORMANT IN SPEECH INTELLIGIBILITY
PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES III DIAGNOSTIC EVALUATION OF SPEECH INTELLIGIBILITY FINAL REPORT

AFOSR67-1414
AFCL67-0101

INTENSE

AN INTENSE AURAL ZONE X-RAY EVENT IN THE 4-5 SEC PERIOD RANGE
A HISTORY OF INTENSE MAGNETIC FIELDS AND THEIR CONTRIBUTION TO PHYSICS
RECOVERY OF EVOKED POTENTIALS IN VISUAL SYSTEM FOLLOWING INTENSE STIMULATION

AFOSR68-0839
AFOSR68-1090
AFOSR67-1504

INTENSIFIER

THRESHOLD EXPOSURE OF PHOTOGRAPHIC FILM AND A COMPARISON BETWEEN THE SENSITIVITIES OF FILM AND IMAGE INTENSIFIER- FILM ARL 68-0265

INTENSITIES

MOLECULAR BAND INTENSITIES IN G AND K STARS
RDCS OBTAINED WITH TWO SIGNAL INTENSITIES PRESENTED IN RANDOM ORDER AND A COMPARISON BETWEEN YES-NO AND RATING RDCS
CONSIDERATIONS OF EXPECTED AURAL INTENSITIES
RESEARCH DIRECTED TOWARDS THE STUDY OF MOLECULAR BAND INTENSITIES AND DERIVED QUANTITIES FINAL REPORT MAY 1967
MULTIPLE DIFFRACTION ORIGIN OF LOW ENERGY ELECTRON DIFFRACTION INTENSITIES
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES. PART II. ASYMMETRICAL SOURCES.
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES PART I CIRCULARLY SYMMETRIC LIGHT
SOME NEW RELATIONS CONNECTING MOLECULAR PROPERTIES AND ELECTRON AND X-RAY DIFFRACTION INTENSITIES
IONIZED MERCURY GAS IN THE HEATED SHOCK TUBE THE MEASUREMENT OF RELAXATION TIMES AND ABSOLUTE INTENSITIES FINAL REPORT

AFOSR68-0994
AFOSR68-2478
AFCL67-0210
AFCL67-0306
AFOSR68-1493
ARL 67-0035
ARL 67-0030
AFOSR67-1154
AFOSR68-1930

INTENSITY

INTENSITY OF ATOMIC FLUORESCENCE AS A FUNCTION OF ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE PLANE SPECTROMETRY
LINE INTENSITY AND PRESSURE BROADENING STUDIES IN HYDROGEN FLUORIDE-AND OTHER PROBLEMS IN INFRARED SPECTROSCOPY FINAL
HIGH INTENSITY NOZZLE BEAM SOURCE FOR USE IN MOLECULAR TOTAL CROSS SECTION MEASUREMENTS
ON THE INTENSITY DISTRIBUTION OF EXCIMER EMISSION

AFOSR67-1299
AFCL67-0612
AFOSR68-0904
AFOSR67-0270

INTENSITY - CONTINUED

| | |
|---|--------------|
| SPATIAL INTENSITY DISTRIBUTION AND COLOR ANALYZER FINAL REPORT SEP 1967 | ARL 67-0180 |
| PERCEIVED INTENSITY OF ODOR AS A FUNCTION OF TIME OF ADAPTATION | AFOSR66-2856 |
| COSMIC RAY INTENSITY VARIATIONS DURING 1966 | AFCL66-0016 |
| COSMIC RAY INTENSITY VARIATIONS DURING 1967 | AFCL66-0423 |
| COSMIC RAY INTENSITY VARIATIONS DURING 1967 | AFCL66-0882 |
| INTEGRATED INTENSITY OF 3.3 MICRON BAND OF METHANE | AFOSR66-0145 |
| THE STRESS INTENSITY FACTOR FOR A GRIFITH CRACK IN AN ELASTIC BODY IN WHICH BODY FORCES ARE ACTING | AFOSR66-0815 |
| THE STRESS INTENSITY FACTOR FOR A PENNY-SHAPED CRACK IN AN ELASTIC BODY UNDER THE ACTION OF SYMMETRIC BODY FORCES | AFOSR66-0832 |
| THE STRESS INTENSITY FACTORS FOR A GRIFITH CRACK WHOSE SURFACES ARE LOADED ASYMMETRICALLY | AFOSR66-0853 |
| INTEGRATED INTENSITY OF NITRIC OXIDE FUNDAMENTAL | AFOSR66-1204 |
| THE STRESS INTENSITY FACTORS FOR A GRIFITH CRACK IN AN ELASTIC BODY IN WHICH THERE IS AN ASYMMETRICAL DISTRIBUTION OF | AFOSR66-0822 |
| STUDY OF THE INTENSITY-TIME VARIATIONS OF THE COSMIC RADIATION FINAL REPORT MAY 1968 | AFCL66-0277 |
| THE HELICENTRIC INTENSITY GRADIENTS OF COSMIC-RAY PROTONS AND HELIUM DURING MINIMUM SOLAR MODULATION | AFOSR67-1198 |
| EXCITON EMISSION INTENSITY OSCILLATIONS IN ZnSe AND CdS | ARL 66-0850 |
| FIRST-AND SECOND-OVERTONE INTENSITY MEASUREMENTS FOR CO AND NO | AFCL67-0084 |
| THE DETERMINATION OF THE STRESS INTENSITY FACTORS OF A PAIR OF COPLANAR GRIFITH CRACKS WHOSE SURFACES ARE LOADED | AFOSR66-2186 |
| INTERACTION OF PLASMAS WITH HIGH INTENSITY R-F FIELDS FINAL REPORT FEB 1967 | AFOSR67-0988 |
| ATMOSPHERIC DEPENDENCE OF COSMIC RAY INTENSITY METHODS AND RESULTS OF A STATISTICAL ANALYSIS OF NEUTRON MONITOR DATA | AFCL67-0212 |
| SHORT-TERM VARIATIONS OF COSMIC RAY INTENSITY | AFOSR66-0789 |
| A PROGRAM TO DETERMINE FUNDAMENTAL NUCLEAR DATA FROM MUON INTENSITY MEASUREMENTS AND TO INVESTIGATE GEOPHYSICAL | AFOSR66-2685 |
| MARKING-LEVEL DIFFERENCES WITH AND WITHOUT INTERAURAL DISPARITIES IN MASKER INTENSITY | AFOSR66-2677 |
| COMMENTS ON TECHNIQUES APPLICABLE TO DETERMINATIONS OF SPATIAL DISTRIBUTION OF INTENSITY AND CHROMATICITY | ARL 66-0841 |
| SOME OF THE LATEST DISCOVERIES IN II-VI LASERS AND THEIR POTENTIAL APPLICATION IN SUCH AREAS AS LOW INTENSITY RADAR | ARL 67-1313 |
| LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY | AFOSR67-0278 |
| LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY | AFOSR67-0276 |
| NUMERICAL DENSITY DETERMINATION IN THE ATMOSPHERE OF O2 AND CO2 GAS CONSTITUENTS BY USE OF A HIGH INTENSITY | AFOSR67-1591 |
| INTENSIVE | |
| INTENSIVE RESEARCH IN PROBABILITY THEORY | AFOSR66-2625 |
| INTENTIONAL | |
| INTENTIONAL COMBUSTION OSCILLATIONS IN PROPULSION SYSTEMS FINAL REPORT FEB 1967 | AFOSR67-1546 |
| INTENTIONS | |
| INTENTIONS ANALYSIS A METHODOLOGICAL COMPONENT OF FORECASTING INTERNATIONAL BEHAVIOR FINAL REPORT FEB 1968 | ORA 68-0008 |
| INTER-HEMISPHERIC | |
| INTER-HEMISPHERIC COMPARISON OF VISUAL STIMULI IN THE PIGEON | AFOSR67-2139 |
| INTER-JUDGE | |
| INTER-JUDGE RELIABILITY OF HUMAN FIGURE DRAWING MEASURES OF FIELD DEPENDENCE | AFOSR67-1836 |
| INTER-MOLECULAR | |
| STRUCTURE OF LIQUIDS PART 7 - DETERMINATION OF INTER-MOLECULAR POTENTIAL FUNCTIONS AND CORRELATION FUNCTIONS IN | AFOSR67-2577 |
| INTERACTING | |
| THEORY OF INTERACTING ELEMENTARY EXCITATIONS IN SOLIDS FINAL REPORT JUNE 1968 | AFOSR66-1038 |
| PERMION IMPURITIES IN A HEAVILY INTERACTING BOSE GAS | AFOSR66-2480 |
| ON INITIAL CONDITIONS FOR VISCOUS INTERACTING FLOWS FINAL REPORT DECEMBER 1968 | ARL 68-0216 |
| STABILITY CONDITIONS FOR A BOSON SYSTEM INTERACTING WITH A PARTLY REPULSIVE AND PARTLY ATTRACTIVE POTENTIAL | AFOSR67-0597 |
| INTERACTION | |
| INTERACTION OF THE EARTH'S MAGNETIC FIELD WITH THE SOLAR WIND FINAL REPORT DEC 1967 | AFCL66-0047 |
| INTERACTION OF COHERENT LIGHT WITH ATOMIC SYSTEMS FINAL REPORT DEC 1968 | AFCL66-0558 |
| INTERACTION OF HYDROGEN ATOMS AND HYDROXYL RADICALS WITH S-HALOGEN URACILS | AFOSR67-0068 |
| INTERACTION OF MECHANICAL AND AERODYNAMIC INSTABILITIES OF A CIRCULAR CYLINDRICAL SHELL | AFOSR67-0627 |
| INTERACTION OF PLASMONS | AFOSR67-0900 |
| INTERACTION OF PLASMAS WITH HIGH INTENSITY R-F FIELDS FINAL REPORT FEB 1967 | AFOSR67-0988 |
| INTERACTION OF COHERENT LIGHT WITH SOLIDS AND WITH TURBULENT ATMOSPHERES FINAL REPORT OCT 1967 | AFOSR67-2477 |
| INTERACTION OF THE LAMINAR BOUNDARY LAYER WITH FREE-STREAM TURBULENCE | AFOSR66-0627 |
| INTERACTION OF LOCALIZED VIBRATIONS WITH PLASMONS IN A POLAR SEMICONDUCTOR | AFOSR66-0935 |
| INTERACTION OF FLUID MOTION | AFOSR66-1268 |
| INTERACTION OF QUANTIZED VORTEX RINGS WITH QUANTIZED VORTEX LINES IN ROTATING HE II | AFOSR66-2527 |
| INTERACTION OF LIGHT AND MICROWAVE SOUND | AFOSR66-2623 |
| INTERACTION OF BEHAVIORAL AND PHYSIOLOGICAL STRESS REACTIONS | AFOSR66-2706 |
| INTERACTION IN MULTIDIMENSIONAL CONTINGENCY TABLES AN INFORMATION THEORETIC APPROACH | AFOSR66-2793 |
| INTERACTION OF MICROWAVES WITH MATTER FINAL REPORT OCT 1968 | AFOSR66-2832 |
| INTERACTION OF EXTERNAL RADIATION WITH AN ACOUSTIC WAVE | AFOSR66-2847 |
| INTERACTION OF AN HIGH CURRENT ELECTRICAL DISCHARGE WITH ITS SELF-INDUCED MAGNETIC FIELD IN THE PRESENCE OF GAS FLOW | ARL 67-0007 |
| INTERACTION BETWEEN DETONATION WAVES AND FLOWFIELDS | ARL 67-0286 |
| INTERACTION OF LASER RADIATION WITH GASES | ARL 67-1229 |
| INTERACTION OF A CHEMICALLY REACTING LAMINAR BOUNDARY LAYER AND AN ABLATING SURFACE PART I ANALYSIS | ARL 68-0029 |
| INTERACTION OF ANTHRACENE AND BIACETYL AT DIFFERENT EXCITATION WAVELENGTHS | ARL 68-0130 |
| THE INTERACTION OF PLASMOIDS WITH MAGNETIC FIELDS FINAL REPORT AUG 1968 | AFCL66-0405 |
| THE INTERACTION OF PLASMOIDS WITH MAGNETIC FIELDS | AFOSR66-1669 |
| THE INTERACTION OF A SHOCK WAVE WITH A LAMINAR BOUNDARY LAYER | AFOSR66-1682 |
| THE INTERACTION BETWEEN ELECTRIC ARC COLUMNS AND PARALLEL OR TRANSVERSE GAS FLOW | ARL 68-1320 |
| WAVE INTERACTION IN NONRELATIVISTIC ELECTRON BEAM-PLASMA SYSTEMS | AFCL67-0375 |
| ON THE INTERACTION OF A FINITE AMPLITUDE PRESSURE PULSE WITH A COMBUSTION REGION | AFOSR67-2430 |
| THE M-N INTERACTION 1967 - AN OVERVIEW AND CONFERENCE SUMMARY | AFOSR67-2563 |
| LATERAL INTERACTION AND TRANSFER IN THE TACTILE MEMORY OF THE OCTOPUS | AFOSR66-0287 |
| ELECTRON INTERACTION IN RARE-EARTH METALS | AFOSR66-1457 |
| THEORY OF INTERACTION OF LIGHT WITH INSULATING CRYSTALS | ARL 68-1415 |
| MAN/MACHINE INTERACTION IN ACTIVELY CONTROLLED EXPERIMENTAL CONDITIONS | AFOSR67-2720 |
| TWO-NUCLEON INTERACTION AS A RESEARCH TOOL IN PARTICLE PHYSICS | AFOSR66-0139 |
| FINAL STATE INTERACTION EFFECTS IN NEGATIVE PION MESONIC DECAYS OF LIGHT HYPERNUCLEI | AFOSR66-1256 |
| SPIN PHONON INTERACTION IN UN-DOPED CdS | ARL 67-1202 |
| OSUMF AND CO INTERACTION WITH ALUMINUM FILMS GROWN ON TA /110/ 0508 | ARL 68-0087 |
| THEORY OF THE INTERACTION OF HIGH-FREQUENCY SOUND WAVES AND ELECTRONS | AFOSR66-0644 |
| NATURE OF THE INTERACTION OF SECONDARY ELECTRONS WITH CHEMICAL SYSTEMS | AFOSR66-0941 |
| PHOTON-PHONON INTERACTION IN THIN FILMS | ARL 68-0016 |
| PHOTON-PHONON INTERACTION IN THIN FILMS | ARL 68-0281 |
| STUDIES ON THE INTERACTION OF LIGHT AND PARTICLE BEAMS FINAL REPORT MARCH 1967 | AFOSR67-0469 |
| ON MAN-CONDUCTOR INTERACTION A MODEL AND SOME RELATED ISSUES | AFCL66-0853 |
| NUCLEON-NUCLEON INTERACTION AT HIGH ENERGIES | AFOSR67-2700 |
| PENETRATION AND INTERACTION OF A TRANSVERSE JET AND A SUPERSONIC STREAM FINAL REPORT MAY 1968 | AFOSR66-1419 |
| NONLINEAR PHONON INTERACTION IS PIEZOELECTRIC SEMICONDUCTORS AND EFFECT ON CURRENT SATURATION | AFOSR66-1743 |
| DIRECT SPIN-PHONON INTERACTION IN SOLID HELIUM THREE | AFOSR66-0787 |

INTERMANS - CONTINUED

USE OF OPV WAVE FUNCTIONS FOR INTERMANG ABSORPTION IN THE ALKALIS AFOSR67-1719

INTERCEPT

ARPA OFFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME VIII-SUPPORTING STUDIES ON TECHNOLOGY AND AND ORA 67-0011

ARPA OFFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME IX-SUMMARY AND HIGHLIGHTS FINAL REPORT FEB ORA 68-0002

INTERCHANGE

CONTINUED AND NONCONFIRMED INTERCHANGE INSTABILITIES OBTAINED FROM NONLINEAR COMPUTER MODELS AFOSR67-0332

A STOCHASTIC MODEL OF MESSAGE INTERCHANGE ON A CHANNEL WITH TRANSMISSION DELAY AFOSR67-2130

A NONLINEAR COMPUTER MODEL APPLICABLE TO LOW-BETA PLASMA INTERCHANGE MODES IN TWO DIMENSIONS AFOSR68-0079

INTERCHANGEABLE

A PROPERTY OF SYMMETRIC /INTERCHANGEABLE/ RANDOM VARIABLES AFOSR67-0874

INTERCONNECTIONS

RELIABILITY AND OPTIMUM DESIGN OF THE INTERCONNECTIONS OF A POWER SYSTEM AFOSR67-1702

INTERCONVERSION

SPECTRAL STUDY OF THE INTERCONVERSION OF EUROPIUM PLUS 2 SPECTRA AND EUROPIUM PLUS 3 SPECTRA IN SILICATE GLASSES AFOSR69-1051

THE THERMAL RACEMIZATION OF ALLYLIC SULFOXIDES AND THE INTERCONVERSION OF ALLYLIC SULFOXIDES AND SULFENATES MECHANISM AFOSR68-2497

INTERDISCIPLINARY

EXPERIENCE AND CAPACITY VOL 4 OF A SERIES PROCEEDINGS OF THE FOURTH INTERNATIONAL INTERDISCIPLINARY CONFERENCE ON AFOSR68-2208

INTEREST

MONOMANES AND SLEEPS II-TECHNICAL ASPECTS AND INTEREST OF THE STUDY OF THE CENTRAL METABOLISM OF MONOMANES DURING AFOSR67-2558

INTERFACE

THE DYNAMIC ELASTIC-PLASTIC INTERFACE AND RELATED TOPICS AFOSR67-1440

FLAME PROPAGATION ALONG THE INTERFACE BETWEEN A GAS AND A REACTING MEDIUM AFOSR67-2001

TEST SECTION CONDITIONS FOR THE TAYLOR (E) INTERFACE HYPERSONIC SHOCK TUNNEL AFOSR67-2026

ON ELECTROSTATIC POTENTIALS AT THE ICE/WATER INTERFACE AFOSR68-1518

IONIC DIFFUSION AT THE ALUMINUM-ALUMINUM OXIDE INTERFACE AFOSR68-0235

NUMERICAL EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING SOLIDIFICATION ARL 68-1007

DIFFRCTION OF A PLANE PULSE BY A CLOSED CRACK AT THE INTERFACE OF ELASTIC SOLIDS AFOSR68-2455

REFLECTION AND REFRACTION OF ELASTIC WAVES AT A CORRUGATED INTERFACE AFOSR67-8319

RELATION BETWEEN CREEPING WAVES AND LATERAL WAVES ON A CURVED INTERFACE AFOSR68-0003

THE RAYLEIGH-TAYLOR STABILITY OF CONFINED VISCOUS FLUIDS WITH AN INTERFACE FINAL REPORT JUNE 1967 AFOSR67-1509

A GENERAL COMPUTER PROGRAM FOR EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING A FREE BOUNDARY PROBLEM FOR THE HEAT EQUATION WITH PRESCRIBED FLUX AT BOTH FIXED FACE AND MELTING INTERFACE ARL 68-0064

AFOSR67-1361

INTERFACES

REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC POWER AT MOVING INTERFACES AFOSR68-2830

INTERFACIAL

DIFFUSION MEASUREMENTS INVOLVING DISCONTINUOUS INTERFACIAL CONTACT ARL 67-0078

INTERFERENCE

INTERFERENCE OR DECAY OVER SHORT RETENTION INTERVALS AFOSR67-1809

INTERFERENCE EFFECTS AT THE SINGLE PHOTON LEVEL AFOSR67-2320

INTERFERENCE OF INDEPENDENT PHOTON BEAMS AFOSR67-2321

INTERFERENCE PHOTOCATHODE SENSITIVE TO MULTIPLE BANDS ARL 67-1139

THE INTERFERENCE OF TETRABENZAZINE BENZQUINANIDE AND PRENYLAMINE WITH THE ACTION OF RESERPINE AFOSR68-0603

TRANSIENT INTERFERENCE STUDIES OF PASSIVELY Q-SWITCHED RUBY LASER EMISSION AFOSR68-0444

INTERSYMBOL INTERFERENCE OF A TIME-CONTINUOUS GAUSSIAN CHANNEL AFOSR68-1059

SECONDARY TASK INTERFERENCE IN THE PERFORMANCE OF TRACKING TASKS AFOSR67-1004

KURBS THEORY AND INTERFERENCE OF ELECTRODYNAMIC AMPLITUDES AFOSR68-1364

RULE LEARNING AND RULE INTERFERENCE IN TIRGRAPH ENCODING AFOSR68-0590

FURTHER EXPERIMENTS ON INTERFERENCE OF INDEPENDENT PHOTON BEAMS AT LOW LIGHT LEVELS AFOSR68-2229

ON THE PROBLEM OF QUANTUM INTERFERENCE FINAL REPORT JUNE 1968 AFOSR68-2338

PRESSURE SHIFTS OF INFRARED LINES LOW LOW-TEMPERATURE SPECTRA OF MOLECULES AND TECHNIQUES OF INTERFERENCE SPECTROSCOPY AFOSR68-0490

INTERFEROMETER

INTERFEROMETER EXPERIMENT WITH INDEPENDENT LOCAL OSCILLATORS AFOSR67-2610

STELLAR INTERFEROMETER AT MARRABRI OBSERVATORY AFOSR68-2398

THE RADIO INTERFEROMETER AFOSR68-0062

THE STELLAR INTERFEROMETER AT MARRABRI AUSTRALIA AFOSR67-0634

THE STELLAR INTERFEROMETER AT MARRABRI OBSERVATORY- I AFOSR68-1100

THE STELLAR INTERFEROMETER AT MARRABRI OBSERVATORY -II THE ANGULAR DIAMETERS OF 15 STARS AFOSR68-1797

THE STELLAR INTERFEROMETER AT MARRABRI OBSERVATORY FINAL REPORT JUNE 1968 AFOSR68-1811

GEMINI VII 1-15 CRYOGENIC INTERFEROMETER CALIBRATIONS AFOSR67-0391

OPTIMIZATION OF AN X-BAND INTERFEROMETER FOR PLASMA DIAGNOSTICS AFOSR68-1004

APPLICATION OF THE DIFFERENTIAL INTERFEROMETER TO ARC- HEATED PLASMAS ARL 67-1278

SPACE-TIME RESOLVED MACH-ZEHNDER INTERFEROMETER MEASUREMENTS OF CROSSSECTIONAL ELECTRON DISTRIBUTION IN THETA-PICH AFOSR68-0878

THERMAL SCANNING OF A PARRY-PEROT INTERFEROMETER AFOSR68-2737

LOSSES IN RUBY LASERS THE SPHERICAL-MIRROR PARRY-PEROT INTERFEROMETER FINAL REPORT DEC 1967 AFOSR68-0061

INVESTIGATION OF ELECTRONIC FRINGE DETECTOR FOR A STELLAR INTERFEROMETER FINAL REPORT FEB 1967 AFOSR67-0117

INTERFEROMETRIC

LASER AND MICROWAVE INTERFEROMETRIC STUDY OF RECOMBINATION IN A HIGHLY IONIZED HELIUM PLASMA AFOSR67-0085

INTERFEROMETRY

RADIO INTERFEROMETRY USING A BASE LINE OF 20 MILLION WAVELENGTHS AFOSR68-2008

USE OF ULTRASONIC INTERFEROMETRY TECHNIQUE FOR STUDYING ELASTIC PROPERTIES OF ROCKS AFOSR68-1514

MACH-ZEHNDER OPTICAL INTERFEROMETRY OF LASER INDUCED DISCHARGES IN HIGH PRESSURE GASES AFOSR67-1570

CRITERIA FOR QUANTITATIVE SCHLIFREN INTERFEROMETRY ARL 67-0195

INTERGOVERNMENTAL

THE REGION INTERGOVERNMENTAL OF SEISMOLOGY AND ENGINEERING SPANISH OF THE UNESCO /SPANISH/ AFOSR67-0539

| | |
|--|--------------|
| INTERMEDIUMERIC | |
| INTRA-AND INTERMEDIUMERIC DIFFERENCES IN OCCURRENCE TIMES OF HYDROMAGNETIC EMISSIONS | AFCL67-0290 |
| INTERMEDIUMERIC | |
| EFFECT OF INTERMEDIUMERIC TRANSITION ON THE EEG PATTERNS IN SLEEP AND WAKEFULNESS IN MONKEYS | AFDSR67-1091 |
| INTERIONIC | |
| MODIFIED INTERIONIC POTENTIAL FOR THE ALKALI METALS | AFDSR69-0702 |
| INTERIOR | |
| INTERIOR ELASTIC STRESS FIELD IN A CONTINUOUS CLOSE-PACKED FILAMENTARY COMPOSITE MATERIAL UNDER UNIAXIAL TENSION | AFDSR69-1906 |
| THE SURFACE EFFECTS DUE TO BODY FORCES IN THE INTERIOR OF AN ELASTIC HALF-SPACE | AFDSR67-1287 |
| INTERLEAVED | |
| A CLASS OF NONLINEAR ERROR-CORRECTING CODES BASED UPON INTERLEAVED TWO-LEVEL SEQUENCES | AFDSR67-2240 |
| INTERMETALLIC | |
| THE REFLECTANCE OF THE INTERMETALLIC COMPOUNDS NICKEL ALUMINUM AND COBALT ALUMINUM | AFDSR67-1163 |
| INTERMEDIATE | |
| INTERMEDIATE EXCITATIONS IN MOLECULAR CRYSTALS A STUDY OF THE PACED STATES OF CRYSTALLINE IODINE | AFDSR67-2446 |
| INTERMEDIATE COLLISION COMPLEXES IN ION-MOLECULE REACTIONS IN UNSATURATED HYDROCARBONS | ARL 67-1104 |
| COMMENTS ON THE INFLUENCE OF INTERMEDIATE EXCITATIONS AND EXCHANGE FORCES ON THE INTERACTION IN MOLECULAR CRYSTALS THE | AFDSR67-2164 |
| STRUCTURE SENSITIVE MODES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT NOV 1967 | AFDSR67-2790 |
| STRUCTURE SENSITIVE MODES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT AUG 1968 | AFDSR67-2741 |
| A NEW APPROACH TO MANY-BODY THEORY AT INTERMEDIATE DENSITIES | AFDSR67-2471 |
| K 1 ZERO - K 2 ZERO VALENT DIFFERENCE AND THE INTERMEDIATE VECTOR BODSON | AFDSR68-1331 |
| RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC | AFCL68-0523 |
| INTERMEDIATES | |
| INTERMEDIATES IN ANODIC OXIDATION OF CARBOXYLATES CHROMOPHOTOMETRY | AFDSR68-2910 |
| UNSTABLE INTERMEDIATES PART XL SOLVATED ELECTRONS-ELECTRON-CATION INTERACTIONS IN POTASSIUM-AMINE SOLUTIONS | AFDSR67-0191 |
| REACTIVE INTERMEDIATES AND POTENTIAL CATALYSTS FINAL REPORT FEB 1967 | AFDSR67-0412 |
| REACTIVE INTERMEDIATES IN THE BICYCLO /2 1 0/ HEXYL AND BICYCLO /2 1 0/ HEXYLURINE SYSTEMS IN THE FREE-RADICAL | AFDSR68-1322 |
| ENOLATE ANIONS AS SYNTHETIC INTERMEDIATES | AFDSR67-2678 |
| ORGANOMETALLIC SYNTHESIS OF REACTIVE INTERMEDIATES FINAL REPORT JAN 1968 | AFDSR68-0107 |
| ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXVII CARBANIONS AS INTERMEDIATES IN THE BASE-CATALYZED | AFDSR67-0360 |
| INTERMETALLIC | |
| MAGNETIC PROPERTIES OF THE INTERMETALLIC COMPOUNDS DYSPRYSIUM SURX YTTRIUM SUB ONE MINUS X IRON SUR TWO PLUS | AFDSR68-1542 |
| MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND UP TO 150 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC | AFDSR68-0432 |
| THE ELECTRICAL RESISTIVITY OF GOLD-VANADIUM INTERMETALLIC COMPOUND | AFDSR67-2672 |
| LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM INTERMETALLIC COMPOUNDS | ARL 68-1138 |
| LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM INTERMETALLIC COMPOUNDS | ARL 68-1381 |
| THE STUDY OF POINT DEFECTS IN CSCI ORDERED ALLOYS AND OTHER INTERMETALLIC COMPOUNDS FINAL REPORT NOV 1968 | AFDSR68-2644 |
| MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND UP TO 150 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC | AFDSR68-0422 |
| INTERMODAL | |
| INTERMODAL EFFECT UPON HAPTIC JUDGMENTS OF DISTANCE | AFDSR67-2109 |
| INTERMOLECULAR | |
| INTERMOLECULAR POTENTIAL ENERGIES BY A MOLECULAR BEAM SCATTERING METHOD | AFDSR67-2011 |
| DIELECTRIC STUDY OF INTERMOLECULAR ASSOCIATION IN ISOMETRIC OCTYL ALCOHOLS | AFDSR68-2267 |
| ON THE PROBABILITY OF INTERMOLECULAR ENERGY TRANSFER IN POLAR MOLECULES | AFDSR68-0719 |
| NMR STUDIES OF INTRA- AND INTERMOLECULAR INTERACTIONS FINAL REPORT SEPT 1967 | AFDSR67-2180 |
| TEMPERATURE DEPENDENCE OF INTERMOLECULAR ENERGY TRANSFER IN POLAR MOLECULES | AFDSR68-1733 |
| SOLID FLUORINE AND SOLID CHLORINE CRYSTAL STRUCTURES AND INTERMOLECULAR FORCES | AFDSR68-2755 |
| INTERNAL | |
| INTERNAL SYMMETRY AND THE C P T OPERATIONS | AFDSR68-1949 |
| INTERNAL CONVERSION STUDY IN THE DECAY OF RUSUPPER103 | ARL 67-1041 |
| INTERNAL CONVERSION ELECTRON STUDY OF THE DECAY OF RU SUPPER 103 | ARL 68-0313 |
| INTERNAL CONVERSION ELECTRON SPECTROSCOPY | ARL 68-1098 |
| INTERNAL CONVERSION SPECTROSCOPY | ARL 68-1210 |
| THE INTERNAL STRUCTURE OF HYDROGEN-AIR DIFFUSION FLAMES | AFDSR67-0649 |
| STUDY OF THE INTERNAL CONVERSION ELECTRON SPECTRUM IN THE DECAY OF OS SUPPER 193 | ARL 67-1047 |
| COMPUTER PROGRAMS INTERNAL REPRESENTATION FINAL REPORT MAY 1968 | AFCL68-0316 |
| THERMODYNAMICS WITH INTERNAL STATE VARIABLES | AFDSR67-2426 |
| AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE | ARL 68-1190 |
| AMPLITUDE DEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE | ARL 68-1377 |
| THE PRESSURE AND THE INTERNAL STRUCTURE OF EARTH /SPANISH/ | AFDSR67-1539 |
| AMPLITUDE INDEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE | ARL 68-1149 |
| SPACE-TIME AND ORIGIN OF INTERNAL SYMMETRIES | AFDSR67-1679 |
| THE PRESSURE FIELD AND THE INTERNAL CONSTITUTION OF THE EARTH | AFDSR68-1110 |
| POSSIBLE CONFORM INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY | ARL 67-1331 |
| ON THE RELATIONSHIP BETWEEN INTERNAL AND SPACE-TIME SYMMETRIES | AFDSR68-2746 |
| KINETIC MODELS FOR A GAS WITH INTERNAL STRUCTURE | AFDSR67-1280 |
| METHODOLOGY FOR THE ANALYSIS OF INTERNAL SOCIAL MOVEMENTS /SOCIAL MOVEMENTS AND SOCIAL SYSTEM CHANGE/ | AFDSR68-1893 |
| AN APPARATUS FOR THE MEASUREMENT OF INTERNAL FRICTION | ARL 68-0237 |
| SPECTROPHOTOMETRY OF GALACTIC NEBULAR INTERNAL OPACITY AND INTERNAL MASS STRUCTURE OF H II EMISSION REGIONS FINAL | AFCL68-0078 |
| PATENT PROCESS OF FORMING PASSIVATING INTERNAL INSUR20SUB3 DANDS IN SILVER-INDIUM ALLOYS | ARL 68-1145 |
| REMICLASSICAL THEORY OF THE EFFECTS OF INTERNAL MOTIONS ON THE LINEWIDTHS IN ELECTRON SPIN RESONANCE SPECTRA | AFDSR68-0636 |
| RESIDENCE TIME DISTRIBUTIONS IN SYSTEMS WITH INTERNAL REFLUX | ARL 67-0272 |
| AMPLITUDE-DEPENDENT AND AMPLITUDE-INDEPENDENT INTERNAL FRICTION IN SODIUM CHLORIDE | AFDSR67-1935 |
| KINETIC THEORY OF HEAT TRANSFER FOR A GAS WITH INTERNAL DEGREES OF FREEDOM | AFDSR67-2676 |
| GROWTH AND DECAY OF DISCONTINUITIES IN FLUIDS WITH INTERNAL STATE VARIABLES | AFCL68-0078 |
| SPECTROPHOTOMETRY OF GALACTIC NEBULAR INTERNAL OPACITY AND INTERNAL MASS STRUCTURE OF H II EMISSION REGIONS FINAL | ARL 67-1331 |
| POSSIBLE CONFORM INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY | AFDSR68-1758 |
| MICROWAVE SPECTRUM CONFORMATION DIPOLE MOMENT AND BARRIER TO INTERNAL ROTATION IN METHYL VINYL ETHER | AFCL68-0485 |
| FINITE DEFORMATIONS OF A CYLINDRICAL MEMBRANE LOADED BY A UNIFORM INTERNAL PRESSURE AND AN AXIAL LOAD | |
| INTERNAL-CONVERSION- | |
| INTERNAL-CONVERSION-ELECTRON STUDY OF THE DECAY OF DAI11 TO C1133 | ARL 67-0233 |
| INTERNAL-CONVERSION-ELECTRON STUDY OF THE DECAY OF RUSUPPER103 | ARL 68-0092 |

INTERNALLY

AN INTERNALLY CALIBRATED ELECTRON SPECTROMETER FOR ACCELERATOR ENERGY MONITORING
QUANTUM THEORY OF INTERNALLY MODULATED LASERS

AFCHL68-0404
AFCHL67-0119

INTERNATIONAL

INTERNATIONAL DEVELOPMENTS IN CONTROLLED THERMONUCLEAR FUSION
1967 INTERNATIONAL SYMPOSIUM ON INFORMATION THEORY SAN REMO ITALY 11-18 SEPTEMBER 1967 /ABSTRACTS OF PAPERS ONLY/
SEVENTH INTERNATIONAL SYMPOSIUM ON FREE RADICALS PADUA ITALY SEPTEMBER 5-10 1968 FINAL REPORT SEPT 1968
THIRD INFORMAL INTERNATIONAL HOT ATOM CHEMISTRY SYMPOSIUM LAFAYETTE INDIANA 1-2 APR 66
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART I AT KENT STATE UNIVERSITY AUGUST 16-20 1965
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART II AT KENT STATE UNIVERSITY AUGUST 16-20 1965
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART III AT KENT STATE UNIVERSITY AUGUST 16-20 1965
PROCEEDINGS OF THE HAWAII INTERNATIONAL CONFERENCE ON SYSTEMS SCIENCES UNIVERSITY OF HAWAII HONOLULU HAWAII 29-31
THE OPERATING HISTORY OF THE INTERNATIONAL SOLAR FLARE PATROL 1955-1964
PROCEEDINGS OF THE 1965 CONGRESS INTERNATIONAL FEDERATION FOR DOCUMENTATION WASHINGTON D C 7-16 OCT 1965 AMERICAN
DYNAMIC STABILITY OF STRUCTURES - INTERNATIONAL CONFERENCE ON DYNAMIC STABILITY OF STRUCTURES 18-20 OCT 1965
ADVANCES IN HOT WIRE ANEMOMETRY PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON HOT WIRE ANEMOMETRY FINAL REPORT JULY
TENTATIONS ANALYSIS A METHODOLOGICAL COMPONENT OF FORECASTING INTERNATIONAL BEHAVIOR FINAL REPORT FEB 1968
EXPERIENCE AND CAPACITY VOL 4 OF A SERIES PROCEEDINGS OF THE "FOURTH INTERNATIONAL INTERDISCIPLINARY CONFERENCE ON

AFOSR67-0821
AFOSR68-1040
AFOSR67-1796
AFOSR67-0338
AFOSR67-0972
AFOSR67-0973
AFOSR67-0974
AFOSR68-2006
AFCHL67-0135
AFOSR67-0003
AFOSR68-0478
AFOSR68-1407
ONR 68-0006
AFOSR68-2208

INTERNUCLEAR

NUCLEAR MAGNETIC RESONANCE STUDY OF ELECTRON-COUPLED INTERNUCLEAR INTERACTIONS IN THALLIUM CHLORIDE

AFOSR67-0813

INTERPLANETARY

FINANCED INTERPLANETARY SCINTILLATIONS ASSOCIATED WITH SOLAR FLARPS
EFFECT OF THE INTERPLANETARY MAGNETIC FIELD ON THE PROPAGATION OF COSMIC RAYS FINAL REPORT FEB 1968
ANGULAR DIAMETER OF JC 270 FROM INTERPLANETARY SCINTILLATIONS
PROTONS ASSOCIATED WITH CENTERS OF SOLAR ACTIVITY AND THEIR PROPAGATION IN INTERPLANETARY MAGNETIC FIELD REGIONS

AFOSR67-1179
AFCHL68-0210
AFOSR67-1447
AFOSR68-0886

INTERPOLATED

VERBAL SHORT TERM-MEMORY AS A FUNCTION OF DEGREE OF LEARNING ON A PERCEPTUAL MOTOR INTERPOLATED ACTIVITY

AFOSR68-1891

INTERPOLATING

INTERPOLATING FAMILIES AND GENERALIZED CONVER FUNCTIONS
INTERPOLATING FIELDS FOR ELEMENTARY PARTICLES IN THE LEF MODEL
HYPERBOLIC CAPACITY AND INTERPOLATING RATIONAL FUNCTIONS II

AFOSR67-2755
AFOSR68-2733
AFOSR68-0379

INTERPOLATION

INTERPOLATION THEOREMS FOR OPERATORS IN FUNCTION SPACES
INTERPOLATION OF THE DIRICHLET DIVISOR PROBLEM
INTERPOLATION WITH POLYNOMIALS TO BOUNDARY VALUES FINAL REPORT SEPT 1968
INTERPOLATION AND FOURIER TRANSFORMATION OF TRANSIENTS
INTERPOLATION WITH POSITIVE-REAL FUNCTIONS
AN EXTENDED INTERPOLATION INEQUALITY
SMOOTH-CURVE INTERPOLATION A GENERALIZED SPLINE-FIT PROCEDURE
OPTIMUM LINEAR INTERPOLATION OF SAMPLED FUNCTIONS
CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC JORDAN CURVE WITH
APPLICATION OF THE SMOOTH-SURFACE INTERPOLATION TO THE FINITE-ELEMENT ANALYSIS

AFOSR68-1953
AFOSR68-2228
AFOSR68-2406
ARL 68-1289
RAOC 67-0070
AFOSR67-2852
AFOSR67-0728
AFCHL67-0407
AFOSR67-2550
AFOSR67-1899

INTERPOLATIVE

INTERPOLATIVE ESTIMATES IN CERTAIN SCHOLEV SPACES

AFOSR67-1713

INTERPRETATION

INTERPRETATION AND APPLICATION OF TRANSIENT AND IMPULSE RESPONSE APPROXIMATIONS IN ELECTROMAGNETIC SCATTERING PROBLEMS AFCHL67-0690
INTERPRETATION OF URBAHNS RULE
INTERPRETATION OF INDUCTION PERIODS IN THE HYDROGEN PLUS PLUS OXYGEN REACTION IN AGED BORIC-ACID-COATED VESSELS
THE INTERPRETATION OF THE CHANGE RATIO OF COSMIC-RAY MUONS
ON THE INTERPRETATION OF THE FACTOR GROUP SPLITTING IN NAPHTHALENE CRYSTAL
A MECHANISTIC INTERPRETATION OF CHEMICAL IONIZATION MASS SPECTROMETRY
SYNTH DIRECTION INTERPRETATION OF NATURAL LANGUAGE
ON THE STATISTICAL INTERPRETATION OF THERMODYNAMIC ENTROPY IN A STRONGLY COUPLED GAS
CONFORMAL GEOMETRY AND THE INTERPRETATION OF THE WEYL TENSOR
ON THE ACTIVE REGION CORONA AND THE INTERPRETATION OF TYPE I BURSTS
FURTHER COMMENTS ON THE PAPER /ON THE INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM /AMORPHOUS/ BORON/
O AND S TRAVEL TIME ANOMALIES AND THEIR INTERPRETATION
STUDIES IN THE DYNAMICAL PREDICTION AND INTERPRETATION OF WEATHER SYSTEMS FINAL REPORT OCT 1968
THE USE OF THE COORDINATION NUMBER IN THE INTERPRETATION OF FLUID STRUCTURE
RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1967
RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1968
A REVIEW OF THE APPLICABILITY OF THE SOUTHWELL ALG TO THE INTERPRETATION OF TEST DATA OBTAINED FROM STABILITY STUDIES
THE ELECTRICAL CONDUCTIVITY OF CERAMICS ITS MEASUREMENT AND INTERPRETATION

AFCHL67-0690
AFOSR68-0541
AFOSR68-1275
AFOSR67-0262
AFOSR67-1671
ARL 67-1103
AFOSR67-1758
AFOSR67-1382
AFOSR67-0379
AFCHL67-0577
ARL 67-0248
AFCHL67-0265
AFCHL68-0541
AFOSR68-1555
AFCHL67-0346
AFCHL68-0316
AFOSR67-1441
ARL 67-0010

INTERPRETATIONS

RE-EXAMINATION OF THE THEORETICAL INTERPRETATIONS OF THE SPECTRA OF CRYSTALLINE BENZENE AND NAPHTHALENE

AFOSR68-2483

INTERRELATION

INTERRELATION BETWEEN G P ZONES PRECIPITATION AND STRENGTHENING IN ALUMINUM-ZINC ALLOYS
THE INTERRELATION BETWEEN THE SI-H STRETCHING FREQUENCY /NU SUB SI-H SI-M/ AND REACTIVITY IN THE OZONE-HYDROSILANE

ARL 68-1161
ARL 68-1066

INTERRELATIONS

THE INTERRELATIONS OF THE CHEMICAL SENSES

AFOSR67-2351

INTERROGATION

AN ANNOTATED BIBLIOGRAPHY ON PRISONER INTERROGATION COMPLIANCE AND RESISTANCE

AFOSR68-1406

INTERSECTING

A LIMITING CONDITION FOR SUPersonic INVISCID INTERACTION IN THE CORNER OF INTERSECTING WEDGES FINAL REPORT MAY 1968

ARL 68-0099

INTERSECTIONS

VECTOR POLAR METHOD FOR THE ANALYSIS OF WAVE INTERSECTIONS

AFOSR67-0850

| | |
|--|---|
| INTERSTELLAR | |
| SUPERNOVA AND INTERSTELLAR GAS DYNAMICS
OBSERVATIONS OF THE SPATIAL STRUCTURE OF INTERSTELLAR HYDROGEN I HIGH-RESOLUTION OBSERVATIONS OF A SMALL REGION | AFOSR68-2037
AFOSR68-1008 |
| INTERSTREAMING | |
| RELATIVISTICALLY INTERFERING BOUNDED PLASMA INTERACTIONS | AFOSR68-1083 |
| INTERSYMBOL | |
| INTERSYMBOL INTERFERENCE OF A TIME-CONTINUOUS GAUSSIAN CHAN | AFOSR68-1659 |
| INTERSYSTEM | |
| LOW-LYING EXCITED TRIPLET STATES AND INTERSYSTEM CROSSING IN AROMATIC HYDROCARBONS
DIRECT CONFIGURATIONAL CORRELATION OF SULFOXIDES AND PHOSPHINE OXIDES BY INTERSYSTEM MATCHING OF COTTON EFFECTS | ARL 67-1089
AFOSR68-2233 |
| INTERTEMPORAL | |
| AN INTERTEMPORAL ANALYSIS OF THE DEFENSE IMPACT UPON A LOCAL COMMUNITY CASE STUDY OF EL PASO COUNTY COLORADO 1941 1966 SRL 68-0001 | |
| INTERVAL | |
| POINT INTERVAL ESTIMATION FROM ONE-ORDER STATISTIC OF THE LOCATION PARAMETER OF AN EXTREME-VALUE DISTRIBUTION WITH
POINT AND INTERVAL ESTIMATION PROCEDURES FOR THE TWO- PARAMETER WEIBULL AND EXTREME-VALUE DISTRIBUTIONS
NEAR APPROXIMATION ON AN INTERVAL FOR AN EXPONENT LESS THAN ONE
SENSITIVITY AND STABILITY ANALYSIS ON A FINITE TIME INTERVAL
SENSITIVITY OF DISCRETE SYSTEMS TO VARIATION OF SAMPLING INTERVAL
A PERSISTENT LOCAL MAXIMUM OF THE PTH POWER DEVIATION ON AN INTERVAL P IS LESS THAN ONE
THE CHERVYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL
THE CHERVYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL
THE CHERVYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL | ARL 67-0027
ARL 68-0240
AFOSR68-0374
AFOSR68-2939
AFOSR67-0483
AFOSR68-1189
ARL 67-1284
ARL 68-1243
ARL 68-1244 |
| INTERVAL | |
| CONFIDENCE INTERVALS FOR THE MEAN OF A FINITE POPULATION
WILCOXON CONFIDENCE INTERVALS FOR LOCATION PARAMETERS IN THE DISCRETE CASE
INTERFERENCE OR DECAY OVER SHORT RETENTION INTERVALS | AFOSR67-2346
AFOSR67-1409
AFOSR67-1809 |
| INTERVENING | |
| RESPONSE DURING SLEEP WITH INTERVENING WAKING AMNESIA
CAGE REACTIONS OF T-BUTOXY RADICALS EFFECTS OF VISCOSITY AND OF INTERVENING MOLECULES | AFOSR67-0890
AFOSR68-0436 |
| INTERVIEWS | |
| APPLICATION OF AUTOMATIC LITERATURE ANALYSIS TECHNIQUES TO PSYCHIATRIC INTERVIEWS | AFOSR67-2019 |
| INTESTINAL | |
| INTESTINAL DIGESTION AND ABSORPTION OF SUGARS AND PEPTIDES FINAL REPORT APRIL 1968
STUDIES ON INTESTINAL SUCRASE AND ON INTESTINAL SUGAR TRANSPORT V ISOLATION AND PROPERTIES OF SUCRASE-ISOMALTASE FROM
STUDIES ON INTESTINAL SUCRASE AND INTESTINAL SUGAR TRANSPORT VI LIBERATION OF ALPHA-GLUCOSE BY SUCRASE AND ISOMALTASE
STUDIES ON INTESTINAL SUCRASE AND ON INTESTINAL SUGAR TRANSPORT V ISOLATION AND PROPERTIES OF SUCRASE-ISOMALTASE FROM | AFOSR68-1398
AFOSR68-0194
AFOSR68-0195
AFOSR68-0194 |
| INTESTINE | |
| SUCRASE AND SUGAR TRANSPORT IN THE SMALL INTESTINE | AFOSR68-0694 |
| INTRA | |
| NMR STUDIES OF INTRA- AND INTERMOLECULAR INTERACTIONS FINAL REPORT SEPT 1967 | AFOSR67-2180 |
| INTRA-ATOMIC | |
| INTRA-ATOMIC MAGNETIC INTERACTIONS FOR FOURTH SHELL ELECTRO | AFOSR68-2247 |
| INTRACLASS | |
| TESTS FOR THE EQUALITY OF COVARIANCE MATRICES UNDER THE INTRACLASS CORRELATION MODEL | ARL 67-0206 |
| INTRACRANIAL | |
| BIOPHYSICS OF INTRACRANIAL SELF-STIMULATION FINAL REPORT NOV 1967 | ARL 67-0025 |
| INTRAGROUP | |
| PREDICTIVE MODEL FOR INTRAGROUP NEGOTIATION FINAL REPORT MAY 1968 | AFOSR68-0957 |
| INTRAMOLECULARITY | |
| FACTORS THAT CONTROL 1,3-ASYMMETRIC INDUCTION AND INTRAMOLECULARITY IN BASE-CATALYZED 1,3-PROTON TRANSFER IN AN INDENE | AFOSR68-0434 |
| INTRAMOLECULAR | |
| INTRAMOLECULAR HYDROGEN BONDING OF AZO DYES IN AQUEOUS SOLUTION
INTRAMOLECULAR FORMATION OF P-METHYLBENZYL RADICAL FROM P-XYLENE
INTRAMOLECULAR ISOMERIZATION OF OCTAHEDRAL COMPLEXES BY MECHANISMS NOT INVOLVING BOND RUPTURE
THE CHEMISTRY OF CARBANIONS VIII THE INTRAMOLECULAR ALKYLATION OF KETYL RADICAL ANIONS
OPTICAL EXCITATION OF TRANSITION-METAL IONS VIA INTRAMOLECULAR ENERGY TRANSFER | AFOSR68-1321
AFOSR68-1761
ARL 67-0095
AFOSR67-1433
AFOSR67-1515 |
| INTRANEURONAL | |
| INTRANEURONAL MECHANISMS FOR INFORMATION STORAGE FINAL REPORT MARCH 1968 | AFOSR68-0811 |
| INTERPRETATION | |
| INTERPRETATION OF THE SLOW REACTION AND SECOND LIMIT OF HYDROGEN PLUS OXYGEN MIXTURES BY COMPUTER METHODS | AFOSR68-1272 |
| INTRINSIC | |
| INTRINSIC DISTRIBUTIONS OF COMETARY PERIHELIA AND MAGNITUDES
INTRINSIC OSCILLATIONS IN PHOTOCONDUCTIVITY OF ZnSe
CYCLO OF INTRINSIC AND GALLIUM-DOPED GERMANIUM
TECHNIQUES IN INTRINSIC ANALYSIS FINAL REPORT NOV 1966 | AFOSR68-1776
ARL 68-0121
AFOSR67-0348
ARL 67-0153 |

| | |
|--|--------------|
| INTRODUCED | |
| THE PROPERTIES OF DEFECTS INTRODUCED IN SILICON BY 10-MEV ELECTRON IRRADIATION FINAL REPORT JUNE 1968 | AFCL68-0388 |
| INTRODUCTION | |
| INTRODUCTION TO LECTURES ON SUPERSONIC TURBOMACHINERY | ARL 67-1826 |
| INTRODUCTION TO PROBABILITY AND STATISTICS | ARL 67-1856 |
| INTRODUCTION TO MATHEMATICAL STATISTICS | ARL 67-1861 |
| INTRODUCTION TO MULTIPLE COMPARISON TESTS | ARL 68-1249 |
| INTRODUCTION TO MULTIPLE COMPARISON TESTS | ARL 68-1464 |
| AN INTRODUCTION TO COLI A COMPUTER DESCRIPTION LANGUAGE | AFCL67-0568 |
| AN INTRODUCTION TO THE WORLD OF FUSION | ARL 68-1124 |
| NEUTRON DECAY RATES IN O/A 2/ AND THE INTRODUCTION OF SU/3/ | AFOSR68-0188 |
| INTRODUCTORY | |
| AN INTRODUCTORY COURSE IN COMPUTER PROGRAMMING | AFOSR67-2808 |
| INTUITIONISTIC | |
| FORMAL SYSTEMS OF INTUITIONISTIC ANALYSIS I | AFOSR67-0622 |
| NOTES TOWARDS AN AXIOMATIZATION OF INTUITIONISTIC ANALYSIS | AFOSR67-0620 |
| INTUITIVE | |
| INTUITIVE STATISTICAL INFERENCES ABOUT DIFFUSE SYMPOTHESES | AFOSR68-0673 |
| MAN AS AN INTUITIVE STATISTICIAN | AFOSR67-2728 |
| INVARIANCE | |
| AN INVARIANCE PRINCIPLE IN THE THEORY OF STABILITY | AFOSR6A-0307 |
| GAUGE INVARIANCE OF VECTOR MEASONS | AFOSR67-2276 |
| CHARGE INVARIANCE AND GROUP TRANSFORMATION PROPERTIES OF THE SCATTERING IN A DYNAMICAL MODEL | AFOSR68-1218 |
| A FURTHER ADIABATIC INVARIANCE OF THE ACTION INTEGRAL FOR THE HARMONIC OSCILLATOR | AFOSR68-1003 |
| CONSEQUENCES OF AN APPROXIMATE CY INVARIANCE OF THE PHYSICAL HADRONS | AFOSR67-0271 |
| INVARIANT | |
| INVARIANT ESTIMATION OF STOCHASTIC SYSTEM PARAMETERS | AFOSR67-2244 |
| INVARIANT IMBEDDING AND THE COMPUTATIONAL SOLUTION OF OPTIMIZATION AND ESTIMATION PROBLEMS | AFOSR68-2048 |
| INVARIANT CALCULATION OF SOME TOTAL PROPERTIES OF ASYMPTOTICALLY FLAT SPACE TIME | ARL 67-1150 |
| INVARIANT TRANSFORMATIONS AND NONHOLONOMOUS CONSTANTS | ARL 68-0270 |
| AN INVARIANT FORMULATION OF THE NEW MAXIMUM-MINIMUM THEORY OF EIGENVALUES | AFOSR67-0330 |
| REGGIZATION OF INVARIANT AMPLITUDES | AFOSR67-1643 |
| POSSIBLE CONFORM INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY | ARL 67-1331 |
| GREEN'S THEOREM AND INVARIANT TRANSFORMATIONS | AFOSR67-1644 |
| CHARACTERISTICS OF INVARIANT CURVES OF PLANE ORBITS | AFOSR68-2258 |
| ENTROPY A COMPLETE METRIC INVARIANT FOR AUTOMORPHISMS OF THE TORUS | AFOSR67-2171 |
| INTEGRAL REPRESENTATION OF INVARIANT STATES OF D-ALGEBRAS | AFOSR67-1559 |
| AN ALGORITHM FOR CONSTRUCTING IRREDUCIBLE REALIZATION OF TIME INVARIANT SYSTEMS | AFOSR68-1351 |
| INVARIANTS | |
| EXACT INVARIANTS FOR A CLASS OF NONLINEAR WAVE EQUATIONS | AFOSR67-0325 |
| POSTNIKOV INVARIANTS AND HIGHER ORDER COHOMOLOGY OPERATIONS | AFOSR67-1461 |
| SOME TOTAL INVARIANTS OF ASYMPTOTICALLY FLAT SPACE-TIMES | ARL 68-0172 |
| INVERSE | |
| INVERSE CONVOLUTION FILTERS - AN ITERATIVE TECHNIQUE | AFOSR67-1580 |
| INVERSE COMPTON RADIATION IN QUASI-STARAL OBJECTS | AFOSR67-1688 |
| AN INVERSE - SAMPLE PROCEDURE FOR SELECTING THE MOST PROBABLE EVENT IN A MULTINOMIAL DISTRIBUTION | AFOSR67-1089 |
| ON THE INVERSE OF THE LYAPUNOV OPERATOR MAPPING THE SPACE OF MIN MATRICES INTO ITSELF | AFOSR67-0343 |
| COMMENT ON THE DEVIATION FROM AN INVERSE SIXTH POWER POTENTIAL IN THE SCATTERING OF A POLAR MOLECULE BY NONPOLAR GASES | AFOSR67-2736 |
| AN APPROXIMATION TECHNIQUE TO DETERMINE INVERSE FILTERS WITH A MINIMUM NUMBER OF WEIGHTS | AFOSR67-1565 |
| RELATIVISTIC SPINOR FORMULATION OF STOKES PARAMETERS WITH APPLICATION TO THE INVERSE COMPTON EFFECT | AFOSR67-1045 |
| INVERSION | |
| INVERSION OF THE ECCENTRICITY EFFECT IN STIFFENED CYLINDRICAL SHELLS DUCKLING UNDER EXTERNAL PRESSURE | AFOSR67-0467 |
| VELOCITY INVERSION IN STATISTICAL MECHANICS | AFOSR68-1837 |
| POPULATION INVERSION AND LASER OSCILLATION IN ATOMIC AND MOLECULAR GASES | AFOSR67-0389 |
| THE KINETICS OF INVERSION OF 2-METHYLBUTYL MAGNESIUM BROMIDE AND RELATED COMPOUNDS | AFOSR67-0087 |
| A PROCEDURE FOR DERIVING INVERSION FORMULAE FOR INTEGRAL TRANSFORM PAIRS OF A GENERAL KIND | AFOSR68-1729 |
| N.M.R. STUDIES OF OPTICAL INVERSION OF OCTAHEDRAL COMPLEXES | ARL 68-1302 |
| DETERMINATION OF RATES OF OPTICAL INVERSION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NUCLEAR MAGNETIC RESONANCE | ARL 67-0224 |
| THERMAL PRODUCTION OF A POPULATION INVERSION IN CARBON DIOXIDE | ARL 68-0167 |
| THE INFLUENCE OF STATISTICAL ERRORS ON THE ABFL INVERSION FINAL REPORT NOV 1967 | AFML 68-0044 |
| NONSTOICHIOMETRY OF ZROUSO2 AND ITS RELATION TO TETRAGONAL- CUBIC INVERSION IN ZROUSO2 | ARL 67-0170 |
| THERMAL RACEMIZATION OF DIARYL ALKYL ARYL AND DIARYL SULFOXIDES BY PYRANOL INVERSION | AFOSR68-2490 |
| INVERTER | |
| THE APPLICATION OF A POSITIVE IMMITTANCE INVERTER TO THE DESIGN OF INTEGRATED SELECTIVE FILTERS | AFOSR68-0089 |
| INVESTIGATE | |
| EXPERIMENTAL STUDY PROGRAM TO INVESTIGATE LIMITATIONS IN FOURIER SPECTROSCOPY FINAL REPORT JAN 1968 | AFCL68-0050 |
| A PROGRAM TO DETERMINE FUNDAMENTAL NUCLEAR DATA FROM MUON INTENSITY MEASUREMENTS AND TO INVESTIGATE GEOPHYSICAL | AFOSR68-2645 |
| INVESTIGATED | |
| CONSECUTIVE ION-MOLECULE REACTIONS IN METHANE INVESTIGATED BY MEANS OF POSITIVE ION-IMPACT | AFCL67-0059 |
| INVESTIGATING | |
| DESCRIPTION OF AN EXPERIMENT INVESTIGATING TERM RELATIONSHIPS AS INTERPRETED BY HUMANS | AFOSR68-1599 |
| INVESTIGATION | |
| INVESTIGATION OF TWO-CARRIER INJECTION ELECTROLUMINESCENCE FINAL REPORT DEC 1966 | AFCL67-0005 |
| INVESTIGATION OF LASER RADIATION SIMULATION FOR MICROELECTRONIC DEVICE HARDENING FINAL REPORT JAN 1967 | AFCL67-0102 |
| INVESTIGATION OF ELECTRONIC FRINGE DETECTOR FOR A STELLAR INTERFEROMETER FINAL REPORT FEB 1967 | AFCL67-0117 |
| INVESTIGATION OF USE OF SUPPOSED SURFACE WAVE MODES FINAL REPORT FEB 1967 PART II | AFCL67-0171 |
| INVESTIGATION OF THE TURBULENT STRUCTURE AND DRIFT MOTIONS IN THE IONOSPHERE FINAL REPORT APR 1967 | AFCL67-0180 |
| INVESTIGATION OF THE VARIABLES CONTROLLING THE FLUX GROWTH OF HIGH QUALITY LASER CRYSTALS FINAL REPORT MAR 1967 | AFCL67-0196 |
| INVESTIGATION OF SPECTRUM TRANSMISSION TESTING FINAL REPORT FEB 1967 | AFCL67-0197 |

INVESTIGATION OF LOGIC CIRCUIT COMPLEXES UNIVERSAL FUNCTION MODULES FINAL REPORT APR 1967
 INVESTIGATION OF ELECTRON BEAM PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT DEC 1966
 INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL CATHODES
 INVESTIGATION OF THE ULTRASONIC ATTENUATION IN IRRADIATED METALS FINAL REPORT JUNE 1967
 INVESTIGATION AND CONTINUED DEVELOPMENT OF THE IDEALAB FOURIER TRANSFORM ANALOG COMPUTER FINAL REPORT JUN 1967
 INVESTIGATION OF SPEECH PROCESSING STUDIES FINAL REPORT OCT 1967
 INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SILICON CARBIDE BY THE TRAVELLING SOLVENT AND OTHER METHODS
 INVESTIGATION AND DEVELOPMENT OF SEMICONDUCTOR-METAL CATHODES FINAL REPORT AUG 1967
 INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
 INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/
 INVESTIGATION OF ORDERED MAGNETIC STATES AND THEIR CORRELATIONS TO OPTICAL AND ELECTRICAL PROPERTIES OF SELECTED
 INVESTIGATION OF THE LIGHT SCATTERING TECHNIQUE FOR COUNTING AND SIZE DETERMINATION OF MICRON-SIZED METEORITES FINAL
 INVESTIGATION OF CRYSTAL IMPERFECTIONS BY MEANS OF LASER LIGHT SCATTERING
 INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
 INVESTIGATION OF SOLID STATE DEVICES AND MATERIALS FINAL REPORT SEPT 1967
 INVESTIGATION OF ELECTRON BEAM AND HOLLOW CATHODE PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT NOV
 INVESTIGATION OF REACTIVE LOADING FINAL REPORT JAN 1968
 INVESTIGATION OF NETWORK REALIZABILITY II FINAL REPORT FEB 1968
 INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
 INVESTIGATION OF FAR INFRARED TORSIONAL VIBRATIONS FINAL REPORT MAR 1968
 INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/
 INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
 INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES FINAL REPORT MAR 1968
 INVESTIGATION OF MODE-LOCKING AND CERTAIN OTHER MECHANISMS IN LASERS AND THEIR IMPLICATIONS FINAL REPORT JUNE 1968
 INVESTIGATION OF PHASE DISTRIBUTION OF LASER FINAL REPORT DEC 1967
 INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/
 INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SIC BY THE TRAVELLING SOLVENT AND OTHER METHODS FINAL REPORT APR 1968
 INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
 INVESTIGATION OF RADIATION EFFECTS IN SEMICONDUCTORS
 INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
 INVESTIGATION OF THE COMPRESSIBILITY OF LIQ BY HIGH-PRESSURE HIGH-TEMPERATURE X-RAY DIFFRACTION METHODS FINAL REPORT
 INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
 INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS FINAL REPORT JULY 1968
 INVESTIGATION OF CURRENT-VOLTAGE CHARACTERISTICS OF SPACECRAFT-MOUNTED SPHERICAL ELECTROSTATIC ANALYZERS FINAL REPORT
 INVESTIGATION OF MAKO/J30 DISPLAY OPERATING SYSTEM IMPROVEMENTS FINAL REPORT DEC 1968
 INVESTIGATION OF ANTENNAS IN PLASMA MEDIA FINAL REPORT NOV 1968
 INVESTIGATION OF POWDER LIGHTER-THAN-AIR VEHICLES FINAL REPORT NOV 1968
 INVESTIGATION OF SPECTRAL BLEACHING IN PASSIVE Q-SWITCH DYES
 INVESTIGATION OF PLATES AND SMALLS UNDER EXTERNAL LOADING AND ELEVATED TEMPERATURES FINAL REPORT MARCH 1967
 INVESTIGATION OF EXTRA-NUCLEAR EFFECTS IN ANGULAR CORRELATIONS FINAL REPORT JUNE 1967
 INVESTIGATION OF A TWO-DIMENSIONAL FULLY STALLED TURBULENT FLOW FIELD
 INVESTIGATION ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTLE
 INVESTIGATION OF STRONG BLAST WAVES AND THE DYNAMICS OF LASER INDUCED PLASMAS IN HIGH PRESSURE GASES
 INVESTIGATION OF PLASMA INSTABILITIES AND ADDITIONAL WMD INVESTIGATIONS FINAL REPORT DEC 1967
 INVESTIGATION OF ELECTRON AND NUCLEAR SPIN-PHONON INTERACTIONS IN METALS AND SEMICONDUCTORS FINAL REPORT DEC 1967
 INVESTIGATION OF PLASMA ROTATION IN A PULSED INDUCTIVE ACCELERATOR
 INVESTIGATION OF THIN-FILM OPTICAL TRANSMISSION LINES FINAL REPORT FEB 1968
 INVESTIGATION OF PRECURSOR DECAY IN IRON BY THE ARTIFICIAL VISCOSITY METHOD
 INVESTIGATION OF COMBUSTION CHARACTERISTICS OF A BI-PHASE ROCKET
 INVESTIGATION OF DECISION THEORY WITH CORRELATED RANDOM VARIABLES
 INVESTIGATION OF JET TRANSITION PHENOMENA FINAL REPORT JUNE 1968
 INVESTIGATION OF THE TWO ROOTSTRAP AND THE DETERMINANTAL APPROXIMATION
 INVESTIGATION OF GRAIN BOUNDARY ENERGETICS IN ERBIUM OXIDE THIN FILMS BY TRANSMISSION ELECTRON MICROSCOPY
 INVESTIGATION OF HIGH TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES
 INVESTIGATION OF MOTION IN CIRCULAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
 INVESTIGATION OF ULTRASONIC WAVES IN II-VI SEMICONDUCTORS
 INVESTIGATION ON POWER GENERATION USING ELECTROFLUIDDYNAMIC PROCESSES
 INVESTIGATION OF OPTIMUM LIFTING ROOFS
 INVESTIGATION OF THE LOW TEMPERATURE TIME DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF RUTILE
 INVESTIGATION OF ULTRASONIC WAVES IN II-VI SEMICONDUCTORS
 INVESTIGATION OF EXCITED STATES OF P SUPPER 3 / WITH THE SI SUPPER 30/P. /P SUPPER 31 REACTION
 INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES
 INVESTIGATION OF ACCELERATION MECHANISMS IN WMD ACCELERATORS
 INVESTIGATION OF FLOW SEPARATION OVER A REARWARD-FACING STEP IN A HYPERSONIC STREAM
 INVESTIGATION OF ELECTRODE EROSION IN HIGH CURRENT ELECTRIC ARCS
 INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW PART II FINAL REPORT JULY 1968
 INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW, PART I FINAL REPORT JULY 1968
 INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES FINAL REPORT NOVEMBER 1968
 INVESTIGATION OF THE LEeward SIDE OF A DELTA WING AT HYPERSONIC SPEEDS
 INVESTIGATION OF ERRORS IN MEASURING MAGNETIC FIELDS IN HIGH TEMPERATURE PLASMA DISCHARGES
 INVESTIGATION OF NEGATIVE ION REACTIONS AT ELEVATED PRESSURES IN A TIME-OF-FLIGHT MASS SPECTROMETER
 INVESTIGATION OF MOTION IN CIRCULAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
 AN INVESTIGATION OF A VARIABLE WAVEGUIDE COUPLER WITH 360 DEGREES OF PHASE CONTROL
 AN INVESTIGATION OF QUANTIZATION TECHNIQUES FINAL REPORT FEB 1968
 AN INVESTIGATION OF METHODS OF PRODUCING SULFUR TRIOXIDE IN JET EXHAUSTS THROUGH ADDITION OF FUEL ADDITIVES TO JP4
 AN INVESTIGATION OF F2 REGION IONOSPHERIC BEHAVIOR BY COMPUTER METHODS
 AN INVESTIGATION OF THE ORDERING OF MOLECULES IN THE ANISOTROPIC LIQUID PHASE OF LIQUID CRYSTALS FINAL REPORT 1967
 AN INVESTIGATION OF THE ANALYTIC PROPERTIES OF SOLUTIONS TO THE GENERALIZED AXIALLY SYMMETRIC REDUCED WAVE EQUATION IN
 AN INVESTIGATION OF SEISMIC WAVE PROPAGATION IN THE EASTERN UNITED STATES
 AN INVESTIGATION OF AERODYNAMIC CONTROLS AT HYPERSONIC MACH NUMBERS FINAL REPORT MAY 1967
 AN INVESTIGATION OF POLARIZATION PHENOMENA PRODUCED BY SPACE OBJECTS
 AN INVESTIGATION OF THE EFFECT OF SUCTION ON HYPERSONIC LAMINAR BOUNDARY-LAYER SEPARATION
 AN INVESTIGATION OF HYPERSONIC AERODYNAMICS AT HIGH ALTITUDES
 AN INVESTIGATION OF THREE-DIMENSIONAL JET CONTROL INTERACTION ON A CONICAL BODY
 AN INVESTIGATION OF THE LOW TEMPERATURE TIME DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF RUTILE
 THE INVESTIGATION OF SILICON CARBIDE BY A TRAVELLING SOLVENT METHOD FINAL REPORT APR 1967
 THE INVESTIGATION OF DOUBLE-MINIMUM POTENTIALS IN MOLECULES
 NEW INVESTIGATION OF THE SUPPER 5 SUPPER-AUTOIONIZING STATES OF HE AND H
 FLOW INVESTIGATION ABOUT A FIN PLATE MODEL AT A MACH NUMBER OF 11.26 FINAL REPORT SEP 1967
 PHYSICAL INVESTIGATION OF THE MESOPLASMA IN SILICON
 STATISTICAL INVESTIGATION OF IONOSPHERIC DRIFT FINAL REPORT MAY 1967
 EXPERIMENTAL INVESTIGATION OF SATURATION EFFECTS IN FERRITE FREQUENCY DOUBLERS
 EXPERIMENTAL INVESTIGATION OF PLASMA MICROINSTABILITIES IN CROSSED MAGNETIC AND AC ELECTRIC FIELDS
 A WORLD-WIDE INVESTIGATION OF THE MID-LATITUDE EVENING INCREASE OF THE F SUB O F SUB 2 IN THE SUMMER HEMISPHERE FINAL
 EXPERIMENTAL INVESTIGATION OF THE MODIFICATION OF THE BACKSCATTERING CROSS SECTIONS OF METALLIC OBJECTS
 EXPERIMENTAL INVESTIGATION OF MUTUAL ADMITTANCE AND MICROWAVE BREAKDOWN OF SLOT ANTENNAS
 EXPERIMENTAL INVESTIGATION OF HARMONIC ION CYCLOTRON WAVE PROPAGATION AND ATTENUATION
 CALORIMETRIC INVESTIGATION OF HYPERFINE INTERACTIONS IN RARE-EARTH METALS
 EXPERIMENTAL INVESTIGATION OF ELECTRODELESS DISCHARGE LAMPS AS EXCITATION SOURCES FOR ATOMIC FLUORESCENCE FLAME
 RESEARCH AND INVESTIGATION OF OPTICAL PROPERTIES OF SEMI-CONDUCTING CRYSTALS FINAL REPORT MARCH 1967
 EXPERIMENTAL INVESTIGATION OF AN ELECTRIC ARC IN TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS
 EXPERIMENTAL INVESTIGATION OF INTERACTIONS BETWEEN BLUNT FIN SHOCK WAVES AND ADJACENT BOUNDARY LAYERS AT MACH NUMBERS
 EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE SUPERSONIC COMPRESSOR ROTORS OF DIFFERENT BLADE THICKNESSES AND
 SPECTROSCOPIC INVESTIGATION OF ELECTRON TEMPERATURE DISTRIBUTION IN A NONEQUILIBRIUM PARTIALLY IONIZED FLOWING PLASMA
 PHOTOEMISSION INVESTIGATION OF THE ELECTRONIC STRUCTURE OF CHROMIUM
 PREPARATION AND INVESTIGATION OF HIGH-STRENGTH WIRES

AFCL67-0243
 AFCL67-0273
 AFCL67-0296
 AFCL67-0369
 AFCL67-0395
 AFCL67-0413
 AFCL67-0509
 AFCL67-0530
 AFCL67-0567
 AFCL67-0574
 AFCL67-0593
 AFCL67-0620
 AFCL67-0648
 AFCL67-0684
 AFCL67-0685
 AFCL68-0004
 AFCL68-0040
 AFCL68-0117
 AFCL68-0122
 AFCL68-0135
 AFCL68-0139
 AFCL68-0167
 AFCL68-0211
 AFCL68-0234
 AFCL68-0243
 AFCL68-0248
 AFCL68-0298
 AFCL68-0302
 AFCL68-0307
 AFCL68-0372
 AFCL68-0441
 AFCL68-0447
 AFCL68-0465
 AFCL68-0580
 AFCL68-0591
 AFCL68-0616
 AFCL68-0626
 AFOSR67-0450
 AFOSR67-0931
 AFOSR67-1612
 AFOSR67-2047
 AFOSR67-2077
 AFOSR68-0232
 AFOSR68-0236
 AFOSR68-0262
 AFOSR68-0265
 AFOSR68-0583
 AFOSR68-1005
 AFOSR68-1204
 AFOSR68-1554
 AFOSR68-1572
 AFOSR68-2213
 AFOSR68-2402
 ARL 67-0004
 ARL 67-1007
 ARL 67-1010
 ARL 67-1071
 ARL 67-1081
 ARL 67-1141
 ARL 67-1201
 ARL 68-0009
 ARL 68-0066
 ARL 68-0078
 ARL 68-0080
 ARL 68-0112
 ARL 68-0133
 ARL 68-0134
 APL 68-0212
 ARL 68-1106
 ARL 68-1136
 ARL 68-1216
 ARL 68-1378
 AFCL67-0090
 AFCL68-0150
 AFCL68-0257
 AFCL68-0419
 AFOSR67-2622
 AFOSR68-0766
 AFOSR68-1943
 ARL 67-0030
 ARL 67-1058
 ARL 68-0054
 ARL 68-1110
 ARL 68-1115
 ARL 68-1147
 AFCL67-0271
 AFOSR67-0015
 AFOSR67-0199
 ARL 67-0180
 AFOSR68-0085
 AFCL67-0503
 AFCL67-0164
 AFCL68-0044
 AFCL68-0098
 AFCL68-0115
 AFCL68-0578
 AFOSR67-1364
 AFOSR68-1470
 AFOSR68-1803
 ARL 67-0042
 ARL 67-0232
 ARL 68-0214
 ARL 68-1274
 AFOSR68-0614
 AFOSR68-0920
 AFML 67-0035

INVESTIGATION

- CONTINUED

A SPECTROSCOPIC INVESTIGATION OF PHOTO- AND THERMOCHROMISM FINAL REPORT APR 1967
 AN MOS-ORIENTED INVESTIGATION OF EFFECTIVE MOBILITY THEORY
 AN EXPERIMENTAL INVESTIGATION OF THE ION-ION HYBRID RESONANCE
 AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF MASS TRANSFER ON A WEDGE INDUCED LAMINAR SEPARATED BOUNDARY LAYER AT
 AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE FINAL REPORT OCT
 AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE
 AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A HIGHLY COOLED TURBULENT BOUNDARY LAYER
 AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A HIGHLY COOLED TURBULENT BOUNDARY LAYER
 AN EXPERIMENTAL INVESTIGATION OF THE TRANSPORT PROPERTIES OF ARGON IN A PULSED, HIGH CURRENT ARC
 AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON SCATTERING - HEAVY NUCLEI
 AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON SCATTERING LIGHT NUCLEI
 MASS SPECTROMETRIC INVESTIGATION OF H₂ AND H₂D² TRANSFER REACTIONS OF HYDROCARBON IONS
 MASS SPECTROMETRIC INVESTIGATION OF ION-MOLECULE REACTIONS IN CYCLOHEXANE
 CYCLOTRON RESONANCE INVESTIGATION OF THE FERMI SURFACE OF CADMIUM
 RESEARCH STUDIES AND INVESTIGATION OF METEOROLOGICAL PHENOMENA FINAL REPORT APR 1968
 RESEARCH ON CYBERNETIC INVESTIGATION OF LEARNING AND PERCEPTION FINAL REPORT JAN 1967
 PRELIMINARY RESULTS OF AN INVESTIGATION OF CRUSTAL STRUCTURE IN SOUTHEASTERN EUROPE
 EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF THE EXPANSION FLOW FIELD OVER A DELTA WING AT HYPersonic SPEEDS FINAL
 THEORETICAL AND EXPERIMENTAL INVESTIGATION OF FOCAL PLANE ADAPTIVE ANTENNA TECHNIQUES FINAL REPORT APR 1968
 NUCLEAR QUADRUPOLE RESONANCE INVESTIGATION OF NITRUM BROMIDE AND URANIUM IODIDE
 A NUCLEAR MAGNETIC RESONANCE INVESTIGATION OF PARAMAGNETIC RELAXATION IN VISCOUS SOLUTIONS
 SCANNING ELECTRON MICROSCOPE INVESTIGATION OF PLANAR DIFFUSED PN JUNCTION PROFILES NEAR THE EDGE OF A DIFFUSION MASK
 EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE STABILITY OF AIR FLOW OVER A WATER SURFACE
 FIRST RESULTS OF STRATIMOLOGICAL INVESTIGATION RELATED WITH THE IBERIAN PENINSULA REGION
 AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE TURBULENT FAR WAKE
 MODIFICATION OF A TIME-OF-FLIGHT MASS SPECTROMETER FOR INVESTIGATION OF ION-MOLECULE REACTIONS AT ELEVATED PRESSURES
 RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL II-AN INVESTIGATION OF THE VARIOUS PLASMA DISCHARGES SURROUNDING A
 STUDY OF STABILITY OF HYDROMAGNETIC PLASMAS AND THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE BEHAVIOR OF IONIZED
 SPECIFIC MOTOR RESPONSE DURING SLEEP TO SLEEP-ADMINISTERED MEANINGFUL SUGGESTION AN EXPLORATORY INVESTIGATION

AFML 67-0111
 AFOSR68-1482
 AFOSR68-1660
 ARL 67-0160
 ARL 67-0202
 ARL 67-1221
 ARL 68-0091
 ARL 68-0348
 ARL 68-1118
 AFOSR68-1119
 AFOSR68-1785
 ARL 67-0110
 ARL 18-0008
 AFOSR67-0437
 AFOSR68-0082
 AFOSR67-0861
 AFOSR67-2158
 ARL 68-0027
 AFOSR68-0249
 AFOSR68-0586
 AFOSR68-0720
 AFOSR68-1173
 AFOSR68-2621
 AFOSR67-0308
 ARL 67-0104
 ARL 68-0084
 AFOSR67-0977
 AFOSR67-0675
 AFOSR67-1853

INVESTIGATIONS

INVESTIGATIONS OF THE POLARIZATION OF LIGHT REFLECTED BY NATURAL SURFACES
 INVESTIGATIONS OF OXYGEN PLASMAS FINAL REPORT FEB 1967
 INVESTIGATIONS ON THE ROLE OF ELECTRON CARRIERS IN PHOTOSYNTHESIS IN CELL-FREE SYSTEMS FINAL REPORT MAY 1967
 INVESTIGATIONS OF NITROGEN RADI SYSTEMS PROMINENT IN ELECTRIC DISCHARGES FINAL REPORT MAR 1968
 INVESTIGATIONS OF SOME OXIDE CRYSTALS BY ESR AND OPTICAL METHODS FINAL REPORT SEPT 1968
 INVESTIGATIONS IN THE FIELD OF PPLATIONAL BIOLOGY FINAL REPORT MARCH 1967
 INVESTIGATIONS IN SYSTEMS THEORY FINAL REPORT MARCH 1968
 INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER WENTLE FINAL REPORT MAY 1968
 INVESTIGATIONS OF EXCITED STATES OF IMPURITY CENTERS BY ELASTIC AND ELECTRIC FIELDS
 OPTICAL INVESTIGATIONS OF THE ATMOSPHERE FINAL REPORT APR 1967
 FURTHER INVESTIGATIONS ON THE MICROWAVE SPECTRUM OF NSF EVALUATION OF THE MOLECULAR FORCE FIELD CENTRIFUGAL DISTORTION
 FUNDAMENTAL INVESTIGATIONS OF LUMINESCENT MATERIALS FINAL REPORT JAN 1968
 EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC STRENGTH OF COMPOSITES
 EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
 EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
 EXPERIMENTAL INVESTIGATIONS OF CRITICAL PHENOMENA PUBLISHED IN REPORTS ON PROGRESS IN PHYSICS V30 PT2 PP731-826 1967
 EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
 EXPERIMENTAL INVESTIGATIONS OF AN ELECTRIC ARC IN TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS
 THE THEORETICAL INVESTIGATIONS OF THE BLOCK DESIGNS FINAL REPORT NOV 1968
 ANALYTICAL AND EXPERIMENTAL INVESTIGATIONS OF OSCILLATIONS IN ROCKET MOTOR RAFFLE CAVITIES FINAL REPORT MAY 1968
 JOINT EXPERIMENTAL AND THEORETICAL INVESTIGATIONS IN PLASMA PHYSICS FINAL REPORT JULY 1967
 PLASMA SURFACE MODES AND MISCELLANEOUS INVESTIGATIONS
 CRYSTAL CHEMISTRY OF ADSORBED STRUCTURES I INVESTIGATIONS ON ADSORBED SECTIONS IN THE TERNARY SYSTEMS WARE EARTH-ALUMINUM-
 INVESTIGATION OF PLASMA INSTABILITIES AND ADDITIONAL AND INVESTIGATIONS FINAL REPORT DEC 1967
 THE MAGNETIC MOMENT OF THE FIVE STATE OF ION OF SIX SN AND OTHER SPECTROSCOPIC INVESTIGATIONS IN THE DECAY OF ONE ONE

AFOSR67-0089
 AFOSR67-0181
 AFOSR67-0442
 AFOSR68-0865
 AFOSR68-0616
 AFOSR67-2780
 AFOSR68-0977
 AFOSR68-1932
 ARL 67-1299
 AFOSR67-0191
 AFOSR68-1138
 AFOSR68-0213
 AFOSR67-1983
 AFOSR68-0023
 AFOSR68-0826
 AFOSR68-0260
 AFOSR68-2632
 ARL 67-1073
 AFOSR68-2606
 AFOSR68-1369
 AFOSR67-0187
 AFOSR68-0121
 AFOSR68-0133
 AFOSR67-2737
 AFOSR68-0236
 AFOSR67-0855

INVISCID

APPROXIMATE ANALYSIS OF LINEARIZED INVISCID RELAXING GAS FLOW
 A LIMITING CONDITION FOR SUPERSONIC INVISCID INTERACTION IN THE CORNER OF INTERSECTING WEDGES FINAL REPORT MAY 1968
 STABILITY OF A MAGNETOHYDRODYNAMIC HALF-JET III. INVISCID STABILITY OF A COMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET
 STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART II. INVISCID STABILITY OF INCOMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET

AFOSR68-0948
 ARL 68-0099
 AFOSR68-1578
 AFOSR68-1581

INVISID

STABILITY OF A MAGNETOHYDRODYNAMIC HALF-JET III. INVISID STABILITY OF A COMPRESSIBLE MAGNETOHYDRODYNAMIC HAL

AFOSR68-1578

INVOLUTIONS

ON INVOLUTIONS

ARL 67-0254

INVOLVED

NEURAL MECHANISMS INVOLVED IN INSTINCTIVE BEHAVIOR FINAL REPORT NOV 1966
 SPECIALIZED JUNCTIONS INVOLVED IN ELECTRICAL TRANSMISSION BETWEEN NEURONS

AFOSR67-0097
 AFOSR67-1491

INVOLVING

SOME INEQUALITIES INVOLVING TRACES OF OPERATORS
 DIFFUSION MEASUREMENTS INVOLVING DISCONTINUOUS INTERFACIAL CONTACT
 SOME NEW INTEGRAL RELATIONS INVOLVING BESSEL FUNCTIONS
 SOME NEW INTEGRAL RELATIONS INVOLVING BESSEL FUNCTIONS
 THE EVALUATION OF AN INTEGRAL INVOLVING THE PRODUCT OF TWO GREENHAUER POLYNOMIALS
 UNFETTERED ATOMIC MASS DIFFERENCES INVOLVING ISOTOPES OF NO SN CD AND PR
 RATE CONSTANTS FOR CHARGE EXCHANGE INVOLVING QUASITHERMAL IONS AND NITRIC OXIDE
 QUALITY AND STABILITY IN EXTREMUM PROBLEMS INVOLVING CONVEX FUNCTIONS
 IMPLICATIONS OF BEGG BEHAVIOR FOR PROCESSES INVOLVING PHOTONS
 INFRAMOLECULAR ISOMERIZATION OF OCTAMFOLAR COMPLEXES BY MECHANISMS NOT INVOLVING BOND RUPTURE
 THE FIRST BOUNDARY VALUE PROBLEM FOR CERTAIN LINEAR ELLIPTIC DIFFERENTIAL EQUATIONS INVOLVING TWO SMALL PARAMETERS
 SINGLE AN PERTURBATIONS OF BOUNDARY VALUE PROBLEMS FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS INVOLVING TWO PARAMETERS
 THE CORRESPONDENCE PRINCIPLE OF LINEAR VISCOELASTICITY THEORY FOR MIXED BOUNDARY VALUE PROBLEMS INVOLVING

AFOSR68-2075
 ARL 67-0078
 ARL 68-1254
 ARL 68-1489
 AFOSR68-1288
 AFOSR67-1745
 ARL 68-0098
 AFOSR68-0280
 AFOSR68-0276
 ARL 67-0095
 AFOSR67-2248
 AFOSR67-2348
 AFOSR68-1643

INVOLVING

UNSTEADY MAGNETOHYDRODYNAMIC FLOW PAST THIN BODIES WITH INVOLVING DIFFUSING MAGNETIC FIELD

AFOSR68-0460

IODIDE

THE FLUORESCENT RESPONSE OF SODIUM IODIDE THALLIUM CESIUM IODIDE THALLIUM CESIUM IODIDE SODIUM AND CALCIUM FLUORIDE
 ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE I IODIDE DONOR SOLUTES
 HALOGEN-ETHYLENE METAL COMPOUNDS XII THE ACTION OF SODIUM IODIDE ON PHENYL /T/MALOMETHYL / MERCURY COMPOUNDS A NEW METHOD OF
 ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE II IODIDE ACCEPTOR SOLUTES
 THE FLUORESCENT RESPONSE OF SODIUM IODIDE THALLIUM CESIUM IODIDE THALLIUM CESIUM IODIDE SODIUM AND CALCIUM FLUORIDE

AFOSR67-1932
 AFOSR67-0742
 AFOSR67-0796
 AFOSR68-0367
 AFOSR67-1932

IODIDE

- CONTINUED

| | |
|---|--|
| NUCLEAR QUADRUPOLE RESONANCE INVESTIGATION OF NIOBIUM BROMIDE AND URANIUM IODIDE
HALOMETHYL METAL COMPOUNDS XII THE PREPARATION OF GEM-DIFLUOROCYCLOPROPANES BY IODIDE ION INDUCED C-F TRANSFER FROM
STRUCTURAL EFFECTS ON THE COMPLEXING ABILITY OF ALKYL DIPHENYLPHOSPHINATES WITH MAGNESIUM IODIDE
INSTRUMENT FOR FUNCTIONAL REACTIONS OF CHROMOCOLLOIDOMETRIC DATA APPLICATION TO CADMIUM ADSORPTION FROM IODIDE MEDIUM | AFOSR66-0666
AFOSR67-2660
AFOSR67-0761
AFOSR67-0760 |
| IODINATION | |
| THE IODINATION OF COORDINATED IMIDAZOLE | AFOSR67-2807 |
| IODINE | |
| IODINE AS A RADICAL SCAVENGER IN CYCLOPENTANE RADIOLYSIS
CATIONS AND OXY CATIONS OF IODINE III THE 1 AND LOWER OXIDATION STATES OF IODINE IN SULFURIC ACID
VIBRATIONAL SPECTRA AND ASSIGNMENT OF IODINE PENTA-FLUORIDE FERRI RESONANCE BETWEEN A FUNDAMENTAL AND A TERNARY
THE FLUOROSULFURIC ACID SOLVENT SYSTEM V IODINE TRIFLUOROSULFATE
ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE II IODIDE DONOR SOLUTIONS
ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE II IODIDE ACCEPTOR SOLUTIONS
CATIONS AND OXY CATIONS OF IODINE III THE 1 AND LOWER OXIDATION STATES OF IODINE IN SULFURIC ACID
INTERMEDIATE EXCITATIONS IN MOLECULAR CRYSTALS A STUDY OF THE EXCITED STATES OF CRYSTALLINE IODINE | ARL 67-1188
AFOSR67-0866
AFOSR66-0175
AFOSR67-0863
AFOSR67-0747
AFOSR66-0367
AFOSR67-0546
AFOSR67-2448 |
| ION-DENSITY | |
| MEASUREMENT OF ROTATIONAL-VELOCITY AND ION-DENSITY PROFILES IN PLASMA VORTICES | AFOSR67-0991 |
| ION-IMPACT | |
| CONSECUTIVE ION-MOLECULE REACTIONS IN METHANE INVESTIGATED BY MEANS OF POSITIVE ION-IMPACT | AFOSR67-0099 |
| ION-ION | |
| MEASUREMENT OF ION-ION NEUTRALIZATION CROSS SECTIONS FINAL REPORT JULY 1968
AN EXPERIMENTAL INVESTIGATION OF THE ION-ION HYBRID RESONANCE | AFOSR66-0448
AFOSR66-1660 |
| ION-MOLECULE | |
| ION-MOLECULE REACTIONS IN FLAMES FINAL REPORT AUG 1968
ION-MOLECULE REACTIONS IN PROPANE
ION-MOLECULE REACTIONS IN SELECTED CHLOROCARBON COMPOUNDS
ION-MOLECULE REACTIONS IN ETHYLENE
ION-MOLECULE REACTIONS IN THE ISOMERIC BUTENES
ION-MOLECULE REACTIONS IN ALCOHOLS
ION-MOLECULE REACTIONS BY ION CYCLOTRON RESONANCE TECHNIQUE
ION-MOLECULE REACTIONS IN PROPANE
ION-MOLECULE REACTIONS OF PROPYLENE AND BUTENE
ION-MOLECULE REACTIONS IN ALKYL HALIDES
ION-MOLECULE REACTIONS OF PROPANE IONS WITH BENZENE, 1,3- BUTADIENE, HYDROGEN SULFIDE, AND NITRIC OXIDE
ION-MOLECULE REACTIONS
ION-MOLECULE REACTIONS IN ALKYL HALIDES II. METHYL AND ETHYL BROMIDES
ION-MOLECULE REACTIONS IN NORMAL ALKANES. HYDROGEN ION TRANSFER.
ION-MOLECULE REACTIONS
NEGATIVE ION-MOLECULE REACTIONS IN SIMPLE INORGANIC SYSTEMS
CONSECUTIVE ION-MOLECULE REACTIONS IN METHANE INVESTIGATED BY MEANS OF POSITIVE ION-IMPACT
CONSECUTIVE ION-MOLECULE REACTIONS IN REACTIVE SYSTEMS
IONIZATION FRAGMENTATION AND ION-MOLECULE REACTIONS OF NH SUB THREE AFTER ION IMPACT
MASS SPECTROMETRIC STUDIES OF ION-MOLECULE REACTIONS
EFFECT OF TRANSLATIONAL ENERGY ON ION-MOLECULE REACTION RATES
INTERMEDIATE COLLISION COMPLEXES IN ION-MOLECULE REACTIONS IN UNSATURATED HYDROCARBONS
MASS SPECTROMETRIC INVESTIGATION OF ION-MOLECULE REACTIONS IN CYCLOHEXANE
TANDEN MASS SPECTROMETER FOR STUDY OF ION-MOLECULE REACTIONS FINAL REPORT MAY 1967
A SIGNIFICANT ADVANCE IN THE STUDY OF ION-MOLECULE REACTIONS
MASS SPECTROMETRIC STUDIES OF NEGATIVE ION-MOLECULE REACTIONS
TRANSLATIONAL ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS
TRANSLATIONAL ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS
ON THE REACTION COMPLEX OF THE CSUB3HSUB6PLUS-CSUB3HSUB6 ION-MOLECULE REACTION
MODIFICATION OF A TIME-OF-FLIGHT MASS SPECTROMETER FOR INVESTIGATION OF ION-MOLECULE REACTIONS AT ELEVATED PRESSURES | AFOSR66-1923
ARL 67-0172
ARL 67-1108
ARL 67-1108
ARL 67-1133
ARL 67-1108
ARL 67-1169
ARL 67-1244
ARL 67-1244
ARL 67-1244
ARL 67-1247
ARL 66-0088
ARL 66-0324
ARL 66-1119
ARL 66-1120
ARL 66-1231
ARL 66-1436
AFOSR67-0069
ARL 67-1134
AFOSR66-0075
ARL 67-1240
ARL 67-0026
ARL 67-1104
ARL 66-0008
ARL 67-0002
ARL 66-1049
ARL 66-1181
ARL 66-0326
ARL 66-1053
ARL 66-0127
ARL 66-0084 |
| ION-WAVE | |
| ION-WAVE FIELDS | AFOSR66-2005 |
| IONIC | |
| IONIC THERMOCURRENTS IN DIELECTRIC SOLIDS
IONIC DIFFUSION IN SOLID METAL OXIDES FINAL REPORT OCT 1967
IONIC DIFFUSION AT THE ALUMINUM-ALUMINUM OXIDE INTERFACE
IONIC THERMOCONDUCTIVITY AND PROPERTIES OF DIELECTRICS FINAL REPORT JULY 1968
IONIC HEATS OF TRANSPORT IN INFINITE DILUTE AQUEOUS SOLUTIONS
IONIC POLYMERIZATION IN METHYL, ETHYL AND VINYL CHLORIDES
IONIC POLYMERIZATION IN VINYL CHLORIDE
IONIC POLYMERIZATION OF SIMPLE UNSATURATED HYDROCARBONS, ACETYLENE AND ETHYLENE
IONIC REACTIONS OF UNSATURATED COMPOUNDS. I. POLYMERIZATION OF ACETYLENE
IONIC REACTIONS IN UNSATURATED COMPOUNDS. III. PROPYLENE AND THE ISOMERIC BUTENES
IONIC REACTIONS IN UNSATURATED COMPOUNDS. II. ETHYLENE
IONIC REACTIONS IN ETHYL CHLORIDE
IONIC CHEMISTRY OF KETONES
IONIC PROCESSES IN CYCLOPENTANE
IONIC CHEMISTRY OF KETONES
IONIC REACTIONS IN ETHYL CHLORIDE
IONIC REACTIONS IN THE RADIOLYSIS OF ETHYL CHLORIDE
IONIC REACTIONS IN ETHYL CHLORIDE
IONIC PROCESSES IN CYCLOPENTANE. IMPLICATIONS OF MASS SPECTROMETRIC DATA FOR RADIOLYSIS STUDIES
IONIC PROCESSES IN CYCLIC ALKANES
IONIC PROCESSES IN CYCLOBUTANE
EFFECTS NEAR IONIC CRYSTAL SURFACES
STABILITY OF IONIC AND PARTIALLY IONIC SURFACES
STUDIES OF LOW-ENERGY IONIC COLLISIONS FINAL REPORT NOV 1967
CHANGES IN MORPHOLOGY OF IONIC CRYSTALS DUE TO CAPILLARITY
STABILITY OF IONIC AND PARTIALLY IONIC SURFACES
RADAR SPECTROGRAPHIC ESTIMATES OF IONIC COMPOSITION FROM 225 TO 1400 KILOMETERS FOR SOLAR MINIMUM WINTER AND SUMMER
EFFECT OF PRESSURE ON CONDUCTANCE BY IONIC ASSOCIATION AND WALDEN PRODUCTS IN ETHANOL
RESEARCH DIRECTED TOWARD THE STUDY OF IONIC AND NEUTRAL SPECIES IN THERMAL PLASMAS FINAL REPORT SEPT 1967
THE EFFECT OF AOP ON THE ATRAP ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC STRENGTH
A MODIFIED TIME-OF-FLIGHT MASS SPECTROMETER FOR HIGH PRESSURE STUDIES OF IONIC REACTIONS
EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE ELASTIC CONSTANTS OF SOME IONIC CRYSTALS
EFFECTIVE RADIUS OF A VACANCY AND THE CALCULATION OF SOLUBILITY LIMITS IN CRYSTALS OF HIGHLY IONIC PHASES OF THE
EFFECTS OF MAGNESIUM AND CALCIUM IONS ON THE ADENOSINETRIPHOSPHATASE ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC | AFOSR67-1333
AFOSR67-2633
AFOSR66-0235
AFOSR66-2768
ARL 67-1001
ARL 67-1106
ARL 67-1126
ARL 67-1237
ARL 66-0041
ARL 66-0138
ARL 66-0192
ARL 66-0195
ARL 66-0323
ARL 66-1041
ARL 66-1054
ARL 66-1080
ARL 66-1121
ARL 66-1122
ARL 66-1235
ARL 66-1435
ARL 66-1437
AFOSR67-2392
ARL 66-1056
AFOSR67-2669
AFOSR67-2206
ARL 66-1056
AFOSR67-0804
AFOSR66-0326
AFOSR67-0500
AFOSR67-2251
ARL 67-1131
AFOSR67-1449
AFOSR66-0914
AFOSR67-2249 |

IONISER

LASER AND MICROWAVE INTERFEROMETRIC STUDY OF RECOMBINATION IN A HIGHLY IONIZED HELIUM PLASMA

AFOSR67-0088

IONIZATION

IONIZATION FRAGMENTATION AND ION-MOLECULE REACTIONS OF NH SUB THREE AFTER ION IMPACT
IONIZATION PHENOMENA IN A GAS-PARTICLE PLASMA
IONIZATION RATES IN THE IONET GASES
THE IONIZATION ENERGIES OF SOME PHENOTHIAZINE TRANQUILLIZERS AND MOLECULES OF SIMILAR STRUCTURE
FINITE IONIZATION RATE EFFECTS OVER ELECTRODES IN WMO CHANNELS
CHEMICAL IONIZATION MASS SPECTROMETRY VII REACTIONS OF BENZENE IONS WITH BENZENE
WAVES OF IONIZATION IN A CATHODE DISCHARGE
CHEMICAL IONIZATION MASS SPECTROMETRY. I. THE ISOMERIC MERANES
CHEMICAL IONIZATION MASS SPECTROMETRY OF HYDROCARBONS
CHEMICAL IONIZATION MASS SPECTROMETRY
WAVES OF IONIZATION IN A NITROGEN DISCHARGE
ON THE USE OF IONIZATION LEVEL AS AN INDEPENDENT VARIABLE FOR PLOTTING PLASMA TRANSPORT PROPERTIES
NON-EQUILIBRIUM IONIZATION IN A POTASSIUM GAS WMO DEVICE FINAL REPORT SEPT 1967
THE STABILITY OF IONIZATION FRONTS
MEASUREMENT OF IONIZATION RATES IN HIGH-TEMPERATURE AIR
ON THE STRUCTURE OF IONIZATION FRONTS
MICROWAVE STUDIES OF IONIZATION PHENOMENA IN GASEOUS DISCHARGES FINAL REPORT MARCH 1967
ELECTRON DENSITY AND IONIZATION PHENOMENA IN SHOCK WAVES FINAL REPORT OCT 1967
HOLE TRAPPING AND THE IONIZATION ENERGY OF NATIVE ACCEPTOR CENTERS IN AGR
DETERMINATION OF THE DEGREE OF IONIZATION OF GAS ATOMS AS A FUNCTION OF X-RAY ENERGY
CODE REARRANGEMENT AND HARTREE-FOCK IONIZATION ENERGIES
HOLE-TRAP MINIMA DUE TO ELECTRON-IMPACT IONIZATION IN SUPER-HIGH-PRESSURE GASES IRRADIATED BY A FOCUSED GIANT-PULSE
A MECHANISTIC INTERPRETATION OF CHEMICAL IONIZATION MASS SPECTROMETRY
IONOSPHERIC RESEARCH IN SUPPORT OF ATMOSPHERIC IONIZATION EFFECTS
MAGNETOHYDRODYNAMIC CHANNEL FLOWS WITH NONEQUILIBRIUM IONIZATION
ATTENUATION OF A SHOCK WAVE DUE TO THE NONEQUILIBRIUM IONIZATION AND RADIATION

AFCL66-0078
AFOSR67-1953
AFOSR67-1341
AFOSR66-1254
AFOSR66-2222
AFOSR66-0324
ARL 67-0127
ARL 67-1102
ARL 67-1132
ARL 67-1171
ARL 66-0178
ARL 66-0289
AFOSR67-2176
AFOSR67-2636
AFOSR67-0208
AFOSR66-0749
AFOSR67-1112
AFOSR66-0230
AFOSR67-0011
AFOSR66-0876
AFOSR67-2770
AFOSR67-0762
ARL 67-1103
AFCL66-0318
AFOSR67-0910
AFOSR67-1310

IONIZATION-EXCITATION

OPTICAL IONIZATION-EXCITATION FUNCTIONS OF HELIUM BY ELECTRON IMPACT

AFOSR67-2646

IONIZED

IONIZED MERCURY GAS IN THE HEATED SHOCK TUBE THE MEASUREMENT OF RELAXATION TIMES AND ABSOLUTE INTENSITIES FINAL REPORT
SHOCK TUBE STUDIES OF IONIZED GASES FINAL REPORT AUG 1968
ELECTRON TEMPERATURES OF IONIZED MERCURY DERIVED FROM HO AND RADIO FLUX DENSITIES
ELECTRICAL CONDUCTIVITY OF A FULLY IONIZED PLASMA
EFFECTIVE OHMS LAW IN A PARTIALLY IONIZED PLASMA WITH ELECTRON DENSITY FLUCTUATIONS
SIGNAL DISTORTION IN ANISOTROPIC HOMOGENEOUS IONIZED MEDIA I LONGITUDINAL MAGNETIC FIELD
OBSERVATION OF CYCLOTRON ECHOES FROM A HIGHLY IONIZED PLASMA
EFFECTS OF NONELASTIC COLLISIONS IN PARTIALLY IONIZED GASES
PROPAGATION OF LOW AND HIGH POWER RADIO WAVES IN IONIZED
ANTENNA PROPERTIES IN THE PRESENCE OF ANISOTROPIC IONIZED MEDIA FINAL REPORT JUNE 1967
KINETIC THEORY AND RELAXATION PROCESSES OF WEAKLY IONIZED GASES
FINE STRUCTURE OF FOURTH ENERGY LEVELS OF SINGLY IONIZED HELIUM
NUCLEAR FLOW OF A CHEMICALLY REACTING AND A RADIATING IONIZED GAS
REFLECTION AND AMPLIFICATION OF ELECTROMAGNETIC WAVES IN AN OSCILLATING IONIZED MEDIUM PART II
THEORY OF LANGMUIR PROBE CHARACTERISTICS FOR A COLLISION DOMINATED PARTIALLY IONIZED GAS FINAL REPT FEB 1967
INFRARED LASER COUPLED RESONATOR AND FARADAY ROTATION TECHNIQUES FOR EXPERIMENTAL IONIZED GAS DIAGNOSTICS
MEASUREMENT OF THE QUANTUM-ELECTRODYNAMIC LEVEL SHIFT IN THE THIRD EXCITED STATE OF SINGLY IONIZED HELIUM
SPECTROSCOPIC INVESTIGATION OF ELECTRON TEMPERATURE DISTRIBUTION IN A NONEQUILIBRIUM PARTIALLY IONIZED FLOWING PLASMA
STUDY OF STABILITY OF HYDROMAGNETIC PLASMAS AND THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE BEHAVIOR OF IONIZED

AFOSR66-1930
ARL 67-1050
AFCL66-0929
AFOSR67-0345
AFOSR66-1210
ARL 66-0285
AFCL67-0879
AFOSR67-1972
AFOSR66-2621
AFCL66-0077
AFCL67-0625
AFCL66-0237
AFOSR67-1221
AFOSR67-1397
AFCL66-0313
AFAL 67-0001
AFOSR67-0826
AFOSR67-1222
AFOSR66-0614
AFCL67-0675

IONIZING

IONIZING SHOCK STRUCTURE IN A MONATOMIC GAS
IONIZING SHOCK STUDIES IN AN ELECTROMAGNETICALLY DRIVEN SHOCK TUBE
IONIZING DETONATION WAVES IN TRANSVERSE ELECTROMAGNETIC FIELDS
IONIZING LAYERS IN THE PLASMA PROPULSION DEVICES
GAS IONIZING SHOCK WAVE IN MAGNETIC SHOCK TUBE
INCIDENT AND REFLECTED IONIZING SHOCK STRUCTURE
JUMPS ACROSS TRANSVERSE IONIZING WMO SHOCK WAVES IN REAL HYDROGEN UNDER COMPRESSION AS A PARAMETER AN EXPLICIT
EXPERIMENTS ON TRANSVERSE IONIZING WMO SHOCK WAVES FINAL REPORT MAY 1967
EXPERIMENTAL STUDY OF NORMAL IONIZING SHOCK WAVES
EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING RADIATION ON SEMICONDUCTORS
MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING RADIATION ON SEMICONDUCTORS
COMPARISON OF OBLIQUE NORMAL AND TRANSVERSE IONIZING SHOCK WAVES

AFOSR67-1578
AFOSR67-1816
AFOSR67-1879
AFOSR67-2006
AFOSR67-1907
AFOSR66-2631
ARL 66-0006
ARL 67-0006
AFOSR67-2079
AFOSR66-0023
AFOSR66-0228
AFOSR66-2632
AFCL66-0246
AFCL66-0564
AFOSR67-2439

IONMOLECULE

DEVELOPMENT OF A HIGH PRESSURE TIME-OF-FLIGHT MASS SPECTROMETER FOR IONMOLECULE REACTION STUDIES

ARL 67-1107

IONOSPHERE

ELECTRIC FIELD IN THE IONOSPHERE A THEORY OF ITS ORIGIN AND EFFECT
ACOUSTIC WAVES IN THE IONOSPHERE
NUCLEAR EXPLOSIONS IN A IONOSPHERE WITH FINITE ELECTRIC CONDUCTIVITY IN THE PRESENCE OF A UNIFORM MAGNETIC FIELD
STUDIES OF THE EQUATORIAL IONOSPHERE USING TRANSMISSIONS FROM ACTIVE SATELLITES FINAL REPORT SEPT 1967
HYDROMAGNETIC WAVES IN THE IONOSPHERE PROPAGATION THROUGH INHOMOGENEOUS AND CURRENT CARRYING REGIONS
ATMOSPHERIC MEASUREMENTS OF THE IONOSPHERE FINAL REPORT JAN 1968
PLASMA-WAVE INSTABILITIES IN THE IONOSPHERE OVER THE AURORA
STUDIES OF SPATIAL IRREGULARITIES IN THE IONOSPHERE AND THEIR VARIATIONS WITH TIME FINAL REPORT FEB 1968
EXTENT OF THERMAL NON-EQUILIBRIUM IN THE IONOSPHERE
RAY-TRACING OF THE Z-MODE IN A TILTED LAYER IONOSPHERE FINAL REPORT JAN 1968
RADAR THOMSON SCATTER STUDIES OF PHOTOELECTRONS IN THE IONOSPHERE AND LANDAU DAMPING
INVESTIGATION OF THE TURBULENT STRUCTURE AND DRIFT MOTIONS IN THE IONOSPHERE FINAL REPORT APR 1967
A SUMMARIZATION OF TECHNICAL AND SCIENTIFIC REPORTS ISSUED BY THE IONOSPHERE RESEARCH LABORATORY - PAPERS PRESENTED
DAILY AND SEASONAL VARIATION OF THE TOTAL ELECTRON CONTENT OF THE IONOSPHERE OVER TORIOSA
A PROPAGATION EXPERIMENT FOR MEASURING ELECTRON DENSITY IN THE D-REGION OF THE IONOSPHERE
ESTIMATES OF SURFICIAL ENERGY DENSITY APPLIED TO VERTICAL PROFILES OF THE HORIZONTAL WIND IN THE LOWER IONOSPHERE

AFCL66-0134
AFOSR67-1904
AFOSR66-0146
AFCL66-0020
AFCL67-0236
AFCL66-0106
AFOSR66-2775
AFCL66-0125
AFOSR67-2692
AFCL66-0090
AFOSR66-1007
AFCL67-0188
AFCL67-0466
AFCL67-0682
AFCL67-0536
AFCL67-0054

IONOSPHERIC

IONOSPHERIC RESEARCH USING SATELLITES
IONOSPHERIC RESEARCHES USING SATELLITES
IONOSPHERIC RESEARCH USING SATELLITES
IONOSPHERIC RESEARCH FINAL REPORT JUNE 1967
IONOSPHERIC RESEARCH USING SATELLITES

AFCL67-0284
AFCL67-0337
AFCL67-0355
AFCL67-0425
AFCL67-0649

| | |
|---|--------------|
| IONOSPHERIC RESEARCH FINAL REPORT FEB 1968 | AFCL68-0178 |
| IONOSPHERIC RESEARCH USING SATELLITES | AFCL68-0314 |
| IONOSPHERIC RESEARCH IN SUPPORT OF ATMOSPHERIC IONIZATION EFFECTS | AFCL68-0318 |
| IONOSPHERIC SOUNDERS IN AIRCRAFT | AFCL68-0389 |
| IONOSPHERIC RESEARCH USING SATELLITES | AFCL68-0484 |
| IONOSPHERIC RESEARCHS USING SATELLITES FINAL REPORT APR 1968 | AFCL68-0586 |
| IONOSPHERIC RESEARCH FINAL REPORT MARCH 1968 | AFOSR68-0737 |
| ARECINO IONOSPHERIC OBSERVATORY FINAL REPORT JAN 1967 | AFOSR67-1114 |
| ARECINO IONOSPHERIC OBSERVATORY | AFOSR67-2037 |
| ARECINO IONOSPHERIC OBSERVATORY | AFOSR67-2307 |
| RESEARCH IN IONOSPHERIC PHYSICS | AFOSR68-1629 |
| TRAIL OF AN IONOSPHERIC SATELLITE I | AFOSR68-2127 |
| AURORAL ZONE IONOSPHERIC RESEARCH FINAL REPORT MAY 1967 | AFCL67-0416 |
| THE TRAIL OF AN IONOSPHERIC SATELLITE II | AFOSR67-1937 |
| OBLIQUE INCIDENCE IONOSPHERIC INVESTIGATIONS FINAL REPORT FEB 1967 | AFCL67-0187 |
| REVIEW OF DOUBLE-DECK IONOSPHERIC AND COMMUNICATIONS EFFECTS OF U S 1962 NUCLEAR TESTS /U/ -- VOLUME II: FINAL REPORT NOV | AFCL67-0183 |
| A SATELLITE-TO-SATELLITE HF IONOSPHERIC PROPAGATION ENVIRONMENT STUDY | AFCL67-0374 |
| THE RINGING IRREGULARITY IN IONOSPHERIC SCINTILLATION | AFCL68-0263 |
| STATISTICAL INVESTIGATION OF IONOSPHERIC DRIFT FINAL REPORT MAY 1967 | AFCL67-0903 |
| 10.7 CM-BAND RADIO FLUX AND IONOSPHERIC TEMPERATURES | AFOSR67-2693 |
| AN INVESTIGATION OF F2 REGION IONOSPHERIC BEHAVIOR BY COMPUTER METHODS | AFCL68-0419 |
| A PROPOSED INDEX FOR MEASURING IONOSPHERIC SCINTILLATIONS | AFCL68-0306 |
| LANGMUIR PROBES FOR DETERMINING IONOSPHERIC PARTICLE DENSITIES AND TEMPERATURES | AFCL67-0373 |
| A SOLID STATE POLARIMETER SUITABLE FOR ROCKET-BORNE IONOSPHERIC DIFFERENTIAL ABSORPTION MEASUREMENTS | AFCL67-0176 |
| THE TROUGH SEEN IN HIGH LATITUDE OBSERVATIONS OF THE IONOSPHERIC ELECTRON CONTENT | AFOSR68-1334 |
| SIMULTANEOUS BALLOON MEASUREMENTS OF AURORAL X-RAYS DURING SLOWLY VARYING IONOSPHERIC ABSORPTION EVENTS | AFCL68-0010 |
| ROCKET AND SATELLITE TECHNIQUES FOR MEASUREMENT OF ELECTRON DENSITY AND RELATED IONOSPHERIC PARAMETERS FINAL REPORT | |
| IONS | |
| IDENTITY OF IONS CREATED BY ELECTRON IMPACT IN PLASMAS | ARL 67-0186 |
| HYDRATION OF IONS IN ACETONITRILE | AFOSR67-1209 |
| PRODUCTION OF IONS BY ELECTROHYDRODYNAMIC SPRAYING TECHNIQUES | AFOSR68-2360 |
| DIFFUSION OF LEAD IONS IN SODIUM CHLORIDE | AFOSR67-1499 |
| DIFFUSION OF LEAD IONS IN PURIFIED SODIUM CHLORIDE CRYSTALS | AFOSR68-1834 |
| RADICAL CARBONIUM IONS CARBONIUM ION RADICALS AND OXY RADICALS | AFOSR68-2089 |
| MOTION OF NEGATIVE IONS ALONG QUANTIZED VORTEX LINES | AFOSR68-2288 |
| CHEMISTRY OF POSITIVE IONS IN POSITIVE-ION CHEMISTRY IN SOLID METHANE | AFOSR67-1232 |
| DIFFUSION OF METALLIC IONS IN METALLIC OXIDES | ARL 67-1184 |
| THE EFFECT OF NEGATIVE IONS ON DOUBLE-CHARGE SHEATHS | ARL 68-0291 |
| REACTIONS OF A PLUS ONE IONS IN HELIUM-OXYGEN AND HELIUM-OXYGEN-NITROGEN MIXTURES FINAL REPORT SEPT 1966 | ARL 67-0083 |
| ELECTRON COLLISIONS WITH IONS OF THE 3P SUPER 3 CONFIGURATION | AFOSR67-1552 |
| REARRANGEMENT OF CARBONIUM IONS AND FREE RADICALS IN THE BICYCLO /3,1,0/ MEVYL SYSTEM | AFOSR68-0900 |
| MICROSCOPIC NEGATIVE HELIUM IONS USING POTASSIUM VAPOR EXCHANGE | AFOSR68-1135 |
| DISCUSSION OF CADMIUM 2 PLUS IONS IN SINGLE-CRYSTAL SODIUM CHLORIDE | AFCL68-0428 |
| RECOMBINATION RATES OF THERMAL IONS | AFOSR67-1307 |
| STUDY ON THE HYDROLYSIS OF METAL IONS PART 55. SOLVENT EXTRACTION STUDY OF THE HYDROLYSIS OF ZINC /II/ IN 3 M NaClO ₄ AT | AFOSR67-2249 |
| EFFECTS OF MAGNESIUM AND CALCIUM IONS ON THE ADENOSINETRIPHOSPHATASE ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC | ARL 68-0088 |
| ION-MOLECULE REACTIONS OF PROPANE IONS WITH BENZENE, 1,3- BUTADIENE, HYDROGEN SULFIDE, AND NITRIC OXIDE | ARL 67-0003 |
| DEPTH OF PENETRATION OF BOMBARDING IONS INTO A SPUTTERED SURFACE FINAL REPORT FEB 1967 | AFOSR67-1818 |
| OPTICAL EXCITATION OF TRANSITION-METAL IONS VIA INTRAMOLECULAR ENERGY TRANSFER | ARL 68-1047 |
| UNIMOLECULAR DECOMPOSITION OF POSITIVE IONS | AFOSR67-1739 |
| EFFECTS OF PRESSURE ON THE TRANSPORT OF IONS THROUGH ROTATING HELIUM II | AFOSR68-0348 |
| ON A NEW SOURCE OF HIGHLY STRIPPED HEAVY IONS | AFOSR67-1294 |
| STUDIES CONCERNING HYDROLYSIS OF METALLIC IONS 55. VANADIUM /III/ IN 3 MOLAR KCl MEDIUM/ | AFOSR68-2828 |
| REACTIONS OF HYDROGEN AND DEUTERIUM POSITIVE IONS IN HYDROGEN AND DEUTERIUM GASES | AFOSR68-2076 |
| MOBILITIES OF MASS IDENTIFIED H3- AND H- POSITIVE IONS IN HYDROGEN | AFOSR67-1687 |
| ACETONITRILE EXCHANGE RATES IN SOLUTIONS OF NICKEL/II/ IONS BY NUCLEAR MAGNETIC RESONANCE | AFOSR67-0863 |
| RATES OF EXCHANGE OF SOLVENT MOLECULES WITH PARAMAGNETIC IONS FINAL REPORT FEB 1967 | AFOSR67-2307 |
| RATES OF EXCHANGE OF SOLVENT MOLECULES WITH PARAMAGNETIC IONS FINAL REPORT OCT 1967 | ARL 68-0095 |
| RATE CONSTANTS FOR CHARGE EXCHANGE INVOLVING QUASITHERMAL IONS AND NITRIC OXIDE | AFCL67-0144 |
| OBSERVATIONS ON THE RELEASE OF A CLOUD OF BARIUM ATOMS AND IONS IN THE UPPER ATMOSPHERE | AFCL67-0278 |
| PHYSICS OF VIBRONIC TRANSITIONS IN THE SPECTRA FOR RARE EARTH IONS IN CRYSTALS FINAL REPORT FEB 1967 | AFOSR68-0329 |
| CHEMICAL IONIZATION MASS SPECTROMETRY VII REACTIONS OF BENZENE IONS WITH BENZENE | AFOSR67-0986 |
| MICROWAVE SATURATION OF PARAELECTRIC-RESONANCE TRANSITIONS OF OH IONS IN KCl | AFOSR68-0420 |
| ION RADICALS XIII SPECTROSCOPIC AND CRYSCOPIC CHARACTERIZATION OF IONS AND ION RADICALS FROM PHENOTHIAZINE AND | AFOSR67-1375 |
| COLLISION-INDUCED DISSOCIATION OF /DEUTERIUM POSITIVE MOLECULAR ION/ IONS BY ARGON AND NITROGEN | AFOSR68-0273 |
| SELF-CONSISTENT APPROXIMATIONS FOR THE RESONANT RESPONSE OF MAGNETIC IONS IN METALS | AFCL67-0090 |
| A SUBSONIC O-REGION PROBE EXPERIMENT USING AN ULTRAVIOLET SOURCE TO PRODUCE IONS AND FREE ELECTRONS | AFOSR68-1596 |
| GROUND STATES OF CONJUGATED MOLECULES. IX. HYDROCARBON RADICALS AND RADICAL IONS | ARL 67-0110 |
| MASS SPECTROMETRIC INVESTIGATION OF H. AND HSUB2 TRANSFER REACTIONS OF HYDROCARBON IONS | AFOSR68-2689 |
| LONGITUDINAL AND TRANSVERSE DIFFUSION COEFFICIENTS OF MASS-IDENTIFIED H AND H2 POSITIVE IONS IN NITROGEN | AFOSR68-0397 |
| DEUTERIUM ISOTOPE EFFECTS IN THE ELECTRON SPIN RESONANCE SPECTRA OF NAPHTHALENE NEGATIVE IONS | AFOSR67-0310 |
| UNIFORM-ELECTRIC-FIELD QUADRUPOLE POLARIZABILITIES AND SHIELDING FACTORS FOR S-STATE ATOMS AND IONS | AFOSR67-1162 |
| THE SPIN POLARIZED HARTREE-FOCK METHOD AND THE CONTRIBUTION OF CORE POLARIZATION TO HYPERFINE FIELDS OF 4D IONS | |
| IPONEA | |
| PHYTOCHEMICAL STUDY OF THE PSYCHOMETRIC SPECIE IPONEA CARNEA /SPANISH/ | AFOSR68-2762 |
| IRIDIUM | |
| SYNTHESIS OF RHODIUM CARBONYL AND IRIIDIUM CARBONYL | AFOSR68-0751 |
| LOW-TEMPERATURE SUSCEPTIBILITIES OF RHODIUM AND IRIIDIUM WITH IRON IMPURITIES | AFOSR67-1832 |
| IRIDIUM-IRON | |
| PHENOMENOLOGICAL THEORY OF THE RESISTIVITY AND SUSCEPTIBILITY OF DILUTE RHODIUM-IRON AND IRIIDIUM-IRON ALLOYS | AFOSR67-2660 |
| IRIS | |
| DOUBLE INNERVATION OF THE FELINE IRIS DILATOR | AFOSR67-2266 |
| POTENTIATION OF TYRAMINE EFFECT ON THE ISOLATED IRIS MUSCLE BY COCAINE | AFOSR68-2727 |
| IRON | |
| IRON POSITIVE ION AND IRON DOUBLE POSITIVE ION HYPERFINE FIELDS IN MAGNESIUM OXIDE AND CALCIUM OXIDE | AFOSR67-2417 |
| MOSSBAUER EFFECT IN IRON FIFTY-SEVEN IN COPPER AND THE SPIN-COMPENSATED STATE | AFOSR68-1091 |
| A MOSSBAUER STUDY OF IRON /II/ - 1,10-PHENANTHROLINE COMPLEXES | AFOSR67-1297 |
| IRON POSITIVE ION AND IRON DOUBLE POSITIVE ION HYPERFINE FIELDS IN MAGNESIUM OXIDE AND CALCIUM OXIDE | AFOSR67-2417 |
| MAGNETIC PROPERTIES OF IRON OXIDE AS RELATED TO THE DEFECT STRUCTURE | AFOSR67-1679 |
| MAGNETIC PROPERTIES OF IRON SUBOXIDE AS RELATED TO THE DEFECT STRUCTURE | AFOSR68-1873 |
| INVESTIGATION OF PRECURSOR DECAY IN IRON BY THE ARTIFICIAL VISCOSITY METHOD | AFOSR68-1005 |
| MAGNETOELASTIC PROPERTIES OF YTRIUM IRON GARNET AS A FUNCTION OF TEMPERATURE | AFCL67-0256 |
| MAGNETIC AND OPTICAL MEASUREMENTS ON IRON GROUP IMPURITIES IN IIb-VIA COMPOUNDS AT CRYOGENIC TEMPERATURE | ARL 67-1203 |
| EFFECT OF PRESSURE ON THE DIFFUSION OF IRON IN TITANIUM TITANIUM PLUS TEN PERCENT IRON | AFOSR67-1769 |

| | |
|--|--------------|
| MODIFICATION OF CHEMICAL PROPERTIES OF IRON CYANIDES IN SOLID SOLUTIONS | AFOSR68-2844 |
| MOSSBAUER EFFECT SPECTRA OF A SUPPORTED IRON CATALYST | AFOSR67-2473 |
| CRYSTAL STRUCTURE OF A 1:1 MIXTURE OF TWO IRON CARBONYL SULFUR COMPLEXES | AFOSR67-2727 |
| THE SHIFT OF SOME OF THE EMISSION LINES OF IRON AND OTHER METALS Zr Ni Ca Cu AND AL PRODUCED BY ARGON AND HELIUM | AFOSR67-2286 |
| WFL TRANSFORMATION IN NEAR-STOICHIOMETRIC IRON SUB X OXYGEN | AFOSR68-1872 |
| MAGNETIC-FIELD DEPENDENCE OF THE HYPERFINE FIELD AT IRON IN DILUTE IRON-PALLADIUM ALLOYS | AFOSR68-1454 |
| ANISOTROPIC MAGNETIZATION PROCESS AND MOSSBAUER EFFECT IN IRON POWDER | AFOSR68-0165 |
| LOW-TEMPERATURE SUSCEPTIBILITIES OF OSMIUM AND IRIUM WITH IRON IMPURITIES | AFOSR67-1832 |
| THE INFLUENCE OF AGING ON THE LOW-TEMPERATURE YIELD POINT IN IRON | ARL 67-1251 |
| MOSSBAUER EFFECT SPECTRA OF AMMONIA ADSORPTION ON A SUPPORTED IRON CATALYST | AFOSR67-2472 |
| CHEMISTRY OF THE METAL CARBONYLS PART XLVI PERFLUOROBUTADIENYL IRON RHENIUM AND MANGANESE COMPLEXES | AFOSR68-1335 |
| HIGH-MAGNETIC-FIELD STUDIES OF ORTHORHOMBIC AND RHOMBOHEDRAL ZINC IRON OXIDE/COMPOUNDS | AFOSR67-1688 |
| SUPERPARAMAGNETIC MAGNETITE PRECIPITATES FROM DILUTE SOLUTIONS OF IRON IN MAGNESIUM OXIDE | AFOSR67-2756 |
| CHEMISTRY OF THE METAL CARBONYLS PART XLIII PERFLUOROBUTADIENYL-RHENIUM AND IRON COMPLEXES | AFOSR68-0889 |
| THE EFFECT OF HYDROGEN CHANGING ON THE PITCH RELATIONSHIP FOR ZONE-REFINED IRON | ARL 67-0182 |
| BINDING OF ANESTHETICS TO PROTEIN LINKAGE BETWEEN THE SIXTH-LIGAND SITE OF HEME IRON ION AND THE NONPOLAR BINDING | AFOSR68-2705 |
| EFFECT OF PRESSURE ON THE DIFFUSION OF IRON IN TITANIUM TITANIUM PLUS TEN PERCENT IRON | AFOSR67-1769 |
| MAGNETIC PROPERTIES OF THE INTERMETALLIC COMPOUNDS DYSPREMIUM SUBX YTRIUM SUB ONE MINUS X IRON SUB TWO PLUS | AFOSR68-1542 |
| ATOMIC READJUSTMENT TO AN INNER-SHELL VACANCY MANGANESE POTASSIUM X-RAY EMISSION SPECTRA FROM AN IRON 55 POTASSIUM- | AFOSR67-1141 |
| ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVI POLYNUCLEAR CYCLOPENTADIENYLMETAL CARBONYLS OF IRON AND COBALT | AFOSR67-0599 |
| CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED FERRIC OXIDE BY THE FLUX METHOD AND SEGREGATION STUDIES OF IRON | AFOSR67-0353 |
| IRON-BERYLLIUM | |
| MOSSBAUER EFFECT AND MAGNETIC PROPERTIES OF IRON-BERYLLIUM COMPOUNDS | AFOSR68-2345 |
| IRON-COPPER | |
| PARAMAGNETIC RESONANCE OF IRON-COPPER IRON-SILVER AND IRON-LITHIUM ASSOCIATES IN TWO-FOUR COMPOUNDS | AFOSR68-1876 |
| IRON-GALLIUM | |
| LATTICE PARAMETERS OF IRON-RICH IRON-GALLIUM ALLOYS | AFOSR67-1224 |
| IRON-LITHIUM | |
| PARAMAGNETIC RESONANCE OF IRON-COPPER IRON-SILVER AND IRON-LITHIUM ASSOCIATES IN TWO-FOUR COMPOUNDS | AFOSR68-1876 |
| IRON-NICKEL | |
| THE KINETICS OF MUSTIFF SCALE FORMATION ON IRON-NICKEL ALLOYS | AFOSR67-2650 |
| IRON-PALLADIUM | |
| MAGNETIC-FIELD DEPENDENCE OF THE HYPERFINE FIELD AT IRON IN DILUTE IRON-PALLADIUM ALLOYS | AFOSR68-1454 |
| IRON-RICH | |
| SIGNIFICANCE OF IRON-RICH SILICATES IN THE MZO-MADARAS CHONDRITE | AFCL67-0012 |
| LATTICE PARAMETERS OF IRON-RICH IRON-GALLIUM ALLOYS | AFOSR67-1224 |
| IRON-SILVER | |
| PARAMAGNETIC RESONANCE OF IRON-COPPER IRON-SILVER AND IRON-LITHIUM ASSOCIATES IN TWO-FOUR COMPOUNDS | AFOSR68-1876 |
| IRONIC | |
| TEMPERATURE DEPENDENCE OF THE WIDTH OF THE FUNDAMENTAL LATTICE-VIBRATION ABSORPTION PEAK IN IRONIC CRYSTALS II | AFOSR68-0921 |
| IRADIATED | |
| FAST RECOVERY OF ELECTRON IRRADIATED GERMANIUM | AFCL68-0213 |
| RECOMBINATION FLUORESCENCE IN IRRADIATED GAP AND UNIRRADIATED GAP ZnTe AND SE | AFCL67-0203 |
| ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF AMMONIUM TRIFLUOROACETATE | AFOSR67-1476 |
| ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF GUANINE HYDROCHLORIDE DIHYDRATE | AFOSR68-0163 |
| ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF DEOXYADENOSINE MONOHYDRATE | AFOSR68-2236 |
| INVESTIGATION OF THE ULTRASONIC ATTENUATION IN IRRADIATED METALS FINAL REPORT JUNE 1967 | AFCL67-0309 |
| PHOTOCONDUCTIVITY SPECTRA OF LOW-TEMPERATURE ELECTRON-IRRADIATED GERMANIUM | AFCL68-0215 |
| HEARDOWN MINIMA DUE TO ELECTRON-IMPACT IONIZATION IN SUPER-HIGH-PRESSURE GASES IRRADIATED BY A FOCUSED GIANT-PULSE | AFOSR67-0782 |
| IRRADIATION | |
| LOW TEMPERATURE IRRADIATION AND ANNEALING OF N-TYPE GERMANIUM EFFECTS OF OPTICAL BLEACHING | AFCL68-0214 |
| APPARENT WAVELENGTH AS A FUNCTION OF THERMAL IRRADIATION | AFOSR68-0313 |
| THE PROPERTIES OF DEFECTS INTRODUCED IN SILICON BY 10-MEV ELECTRON IRRADIATION FINAL REPORT JUNE 1968 | AFCL68-0368 |
| 13N RADICALS & THE FORMATION OF THE PHENOTHAZINE RADICAL BY THE ULTRAVIOLET IRRADIATION OF PHENOTHAZINE SOLUTIONS | AFOSR67-0021 |
| IRRADIATIONS | |
| LOW TEMPERATURE TECHNIQUES FOR ELECTRON IRRADIATIONS | AFCL68-0502 |
| IRREDUCIBLE | |
| ON IRREDUCIBLE REPRESENTATION OF A CLASS OF ALGEBRAS AND RELATED PROJECTIVE REPRESENTATIONS | AFOSR67-0793 |
| IN THE CONSTRUCTION OF IRREDUCIBLE REALIZATIONS | AFOSR68-0234 |
| AN ALGORITHM FOR CONSTRUCTING IRREDUCIBLE REALIZATION OF TIME INVARIANT SYSTEMS | AFOSR68-1351 |
| SELECTION RULES AND THE DECOMPOSITION OF THE KRONECKER SQUARE OF IRREDUCIBLE REPRESENTATIONS | AFOSR68-2132 |
| IRREGULAR | |
| IRREGULAR REFRACTION OF A STRONG SHOCK WAVE BY A WEDGE OF HOT GAS | ARL 67-0229 |
| SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE VII. THE IRREGULAR PLANETARY NEBULA NGC 2440 | ARL 68-0294 |
| THE HARMONIC BOUNDARY VALUE PROBLEM AS APPLIED TO A MEMBRANE HAVING AN IRREGULAR SHAPE FINAL REPORT AUG 1967 | AFOSR67-1768 |
| IRREGULARITIES | |
| COMBUSTION IRREGULARITIES OF SOLID PROPELLANTS FINAL REPORT AUG 1967 | AFOSR67-2028 |
| COMBUSTION IRREGULARITIES OF SOLID PROPELLANTS FINAL REPORT AUG 1967 | AFOSR68-1191 |
| STUDIES OF SPATIAL IRREGULARITIES IN THE IONOSPHERE AND THEIR VARIATIONS WITH TIME FINAL REPORT FEB 1968 | AFCL68-0125 |
| IRREGULARITY | |
| THE WINDING IRREGULARITY IN IONOSPHERIC SCINTILLATION | AFCL68-0263 |

| | |
|--|--------------|
| IRREVERSIBILITY | |
| SOME COMMENTS ON IRREVERSIBILITY | AFOSR88-2719 |
| IRREVERSIBILITY | |
| SPIN-INVARIANTS IN IRREVERSIBLE STATISTICAL MECHANICS | AFOSR88-1827 |
| SECULAR BEHAVIOR AND FRIEDMAN'S MULTIPLE-TIME-SCALE THEORY OF IRREVERSIBLE PROCESSES | AFOSR88-2831 |
| IRWIN-CRACK | |
| STRESS FIELD IN THE VICINITY OF AN IRWIN-CRACK | AFOSR88-0891 |
| ISENTROPIC | |
| AN ISENTROPIC COMPRESSION TUBE | ARL 67-1823 |
| THE ISENTROPIC COMPRESSION TUBE: A NEW APPROACH TO GENERATING HYPERVELOCITY TEST FLOWS WITH LOW DISSOCIATION | ARL 67-0133 |
| SPECIFIC HEAT RATION AND ISENTROPIC EXPONENTS FOR CONSTANT -VOLUME COMBUSTION OF STOICHIOMETRIC MIXTURES OF HYDROGEN- | ARL 67-0017 |
| ISING | |
| FIRST-ORDER PHASE TRANSITIONS IN SPIN-ONE ISING SYSTEMS | AFOSR87-2035 |
| LOCAL WEIGHTS WHICH DETERMINE AREA AND THE ISING MODEL | AFOSR87-2606 |
| ISO-PENTANE | |
| INDEX OF REFRACTION OF ISO-PENTANE AND N-PENTYLENE AS FUNCTION OF PRESSURE | ARL 68-0226 |
| ISOBARIC | |
| ISOBARIC SPIN IN NUCLEAR PHYSICS | AFOSR87-0445 |
| ISOBARIC ANALOGUE STATES IN HEAVY NUCLEI IV SAMARIUM ISOTOPES | AFOSR87-2193 |
| ISOBARIC ANALOGUE STATES IN HEAVY NUCLEI V RESONANCES IN Zr-90 FROM PROTON INELASTIC SCATTERING | AFOSR88-1296 |
| ISOBARIC SPIN- ITS INFLUENCE ON RESEARCH IN NUCLEAR PHYSICS WITH SMALL ACCELERATORS | ARL 67-1045 |
| ISOBARIC ANALOG STATE STUDIES IN THE MARIUM REGION | ARL 67-1176 |
| ISOBARIC ANALOG STATES IN C150P835 | ARL 67-1196 |
| ISOBARIC ANALOG STATES IN N454-35 NUCLEI | ARL 67-1240 |
| ISOBARIC ANALOG STATES IN C150P839 | ARL 68-0036 |
| ISOBARIC ANALOG STATES IN 25-10 SHELL NUCLEI | ARL 68-1204 |
| ISOBARIC ANALOG STATES IN THE 5-0 SHELL | ARL 68-1203 |
| AN ISOBARIC ANALOG STATE WITH L F SUPPER 7 + OVER 2 CONFIGURATION IN SUPPER 37 CL | ARL 67-0111 |
| SAMARA-RAY ANGULAR CORRELATION STUDIES AND ISOBARIC ANALOG STATES IN 25-10 SHELL NUCLEI | ARL 67-1034 |
| ISOBUTYL | |
| REACTION OF ETHYL WITH ISOBUTYL AND T-BUTYL FREE RADICALS | ARL 68-0053 |
| DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND | ARL 67-1111 |
| ISOCON | |
| DEVELOPMENT OF AN IMAGE ISOCON WITH FIBER-OPTICS FACEPLATE FINAL REPORT OCTOBER 1968 | ARL 68-0142 |
| ISOCYANATE | |
| THE REACTION OF CHLOROSULFONYL ISOCYANATE WITH BRIDGED BI- AND TRICYCLIC OLEFINS | AFOSR88-0664 |
| ISOCYANIDE | |
| MICROWAVE ROTATION SPECTRA OF ETHYL ACETYLENE AND ETHYL ISOCYANIDE | AFOSR87-0659 |
| ISOLATED | |
| ISOLATED SINGULARITIES OF SOLUTIONS OF LINEAR ELLIPTIC EQUATIONS | AFOSR87-0356 |
| REUPTAKE OF NORADRENALINE IN ISOLATED ADRENERGIC NERVE GRANULES AND THE ACTION OF ATP | AFOSR88-0192 |
| UPTAKE OF NORADRENALINE IN THE ISOLATED PERFUSED RAT HEART AFTER DEPLETION WITH DECAPOANE | AFOSR88-2726 |
| ELECTROCHROMICITY IN THE CHRONIC ISOLATED HEMISPHERE OF THE CAT EFFECT OF ATROPINE AND ESERINE | AFOSR87-0915 |
| E ADRENERGIC ENDINGS AND VESICLES ISOLATED FROM BRAIN | AFOSR87-1103 |
| POTENTIATION OF TYRAMINE EFFECT ON THE ISOLATED IRIS MUSCLE BY COCAINE | AFOSR88-2727 |
| THEORY OF RADIATIONLESS TRANSITIONS IN AN ISOLATED MOLECULE | AFOSR88-2850 |
| SPECTRAL DIFFERENCES BETWEEN HAEMOGLOBIN AND ISOLATED HAEMOGLOBIN CHAINS IN THE DEOXYGENATED STATE | AFOSR88-2699 |
| INHIBITORY ACTION OF ADRENERGIC BLOCKING AGENTS ON CATRECHOLAMINE RELEASE AND UPTAKE IN ISOLATED NERVE GRANULES | AFOSR87-0500 |
| A STUDY OF FUNDAMENTAL FACTORS PERTINENT TO MICROBIOLOGICAL WASTE CONVERSION IN CONTROL OF ISOLATED ENVIRONMENTS FINAL | AFOSR87-0455 |
| EFFECTS OF ATROPINE PSEPHINE AND ADRENALINE IN CATS WITH MESENCEPHALIC TRANSSECTION AND IN THE ISOLATED HEMISPHERE CAT | AFOSR87-2380 |
| ISOLATION | |
| FORMATION AND ISOLATION OF HAMLET ANTIBODIES TO A SYNTHETIC ANTIGEN OF LOW MOLECULAR WEIGHT | AFOSR87-2369 |
| A TWO-STEP COLUMNS PROCEDURE FOR SINGLE STEP ISOLATION OF DEXTRAN FROM RED CELL SUSPENSIONS | AFOSR87-1483 |
| THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES I ISOLATION AND CHARACTERIZATION FROM CHICKEN AND RABBIT TISSUES | AFOSR87-0887 |
| STUDIES ON INTESTINAL SUCRASE AND ON INTESTINAL SUGAR TRANSPORT V ISOLATION AND PROPERTIES OF SUCRASE-ISOMALTASE FROM | AFOSR88-0194 |
| COMPARATIVE STUDY OF OPTIMIZATION TECHNIQUES FOR SHOCK AND VIBRATION ISOLATION | AFOSR88-0242 |
| ISOLATION-INDUCED | |
| RAPID MODIFICATION OF ISOLATION-INDUCED AGGRESSIVE BEHAVIOR AND ELEVATION OF BRAIN CATECHOLAMINES AND SEROTONIN BY THE | AFOSR88-2732 |
| ISOLATORS | |
| PARAMETRIC PHENOMENA AS APPLIED TO VIBRATION ISOLATORS AND MECHANICAL AMPLIFIERS | AFOSR87-2085 |
| ISOMALTASE | |
| STUDIES ON INTESTINAL SUCRASE AND INTESTINAL SUGAR TRANSPORT VI LIBERATION OF ALPHA-GLUCOSE BY SUCRASE AND ISOMALTASE | AFOSR88-0195 |
| ISOMERIC | |
| ION-MOLECULE REACTIONS IN THE ISOMERIC BUTENES | ARL 67-1133 |
| CHEMICAL IONIZATION MASS SPECTROMETRY. I. THE ISOMERIC HEXANES | ARL 67-1102 |
| IONIC REACTIONS IN UNSATURATED COMPOUNDS. III. PHENYLENE AND THE ISOMERIC BUTENES | ARL 68-0138 |
| ISOMERIZATION | |
| FLUORINE ISOMERIZATION AND PULSED LASER STUDIES OF SUBSTITUTED INDIGO DYES | AFOSR88-1449 |
| INTRAMOLECULAR ISOMERIZATION OF OCTAHEDRAL COMPLEXES BY MECHANISMS NOT INVOLVING BOND RUPTURE | ARL 67-0095 |
| QUANTUM-YIELD OF FLUORESCENCE BY THE SENSITIZATION OF THE ISOMERIZATION OF CIS-BUTENE-2 | AFOSR87-1417 |

| | |
|---|--------------|
| ISOMERIZATIONS | |
| REACTION RATE STUDIES OF GASEOUS UNIMOLECULAR ISOMERIZATIONS FINAL REPORT OCT 1967 | AFOSR67-2449 |
| ISOMERS | |
| ANIONIC REARRANGEMENT OF HYDRAZINES II ISOMERS OF BIS (ORGANOSILYL) HYDRAZINES | AFOSR67-0208 |
| ISOMETRIC | |
| DIELECTRIC RELAXATION IN ISOMETRIC OCTYL ALCOHOLS | AFOSR66-2243 |
| DIELECTRIC STUDY OF INTERMOLECULAR ASSOCIATION IN ISOMETRIC OCTYL ALCOHOLS | AFOSR66-2267 |
| ISOMORPHOUS | |
| MAGNETIC ELECTRON SPIN RESONANCE OPTICAL AND STRUCTURAL STUDIES OF THE ISOMORPHOUS SERIES SODIUM SCANDIUM-IRON | AFOSR66-1477 |
| ISOMORPHS | |
| CRYSTAL CHEMISTRY OF SODIUM SCANDIUM TITANATE AND ITS ISOMORPHS | AFOSR66-1476 |
| ISOPERIMETRIC | |
| LINEAR OPTIMAL CONTROL PROBLEMS WITH ISOPERIMETRIC CONSTRAINTS | AFOSR67-1458 |
| ISOPRENALINE | |
| THE UPTAKE OF ISOPRENALINE IN NERVE GRANULES | AFOSR67-2602 |
| ISOPROPYL | |
| CORRELATION BETWEEN THE PHOTOCHEMISTRY AND THE MASS SPECTRA OF PYRUVIC ACID AND ISOPROPYL PYRUVATE | AFOSR67-1847 |
| DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND | ARL 67-1131 |
| DISPROPORTIONATION AND COMBINATION REACTIONS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL AND ISOPROPYL | ARL 67-0208 |
| ISOTHERMAL | |
| RELATION BETWEEN ISOTHERMAL AND MIXED THIRD-ORDER ELASTIC CONSTANTS | AFOSR67-1100 |
| DEVICE FOR ATHERMAL AND ISOTHERMAL ELECTRICAL RESISTIVITY IN THE RANGE -186 TO 400DEGREES C | AFOSR67-1033 |
| DYNAMIC COLLAPSE OF LTHE ISOTHERMAL SPHERE | AFOSR66-1822 |
| THE EFFECTS OF HIGH MAGNETIC FIELDS ON THE ISOTHERMAL DISSOLUTION AND GROWTH RATES OF FERROUS AMMONIUM SULFATE | AFOSR67-2740 |
| ISOTHERMS | |
| STRESS-STRAIN ISOTHERMS FOR POLY-(DIMETHYLSILOXANE) NETWORKS | AFOSR67-0732 |
| ISOTHAZOLE | |
| MICROWAVE SPECTRA AND STRUCTURES OF ISOTHAZOLE 1 2 4 OXADIAZOLE AND IMIDAZOLE | AFOSR66-1059 |
| ISOTOPE | |
| ISOTOPE EFFECT IN THE REACTION OF NO WITH RARE GASES | AFOSR67-0752 |
| ISOTOPE EFFECT IN SUPERCONDUCTING RHENIUM | AFOSR66-0823 |
| ISOTOPE EFFECTS IN ION MOLECULE REACTIONS | ARL 67-1239 |
| ISOTOPE PRODUCTION AT ORNL | ARL 66-1525 |
| KINETIC ISOTOPE EFFECTS AND ORGANIC REACTION MECHANISMS | AFOSR67-0916 |
| SOLVENT ISOTOPE EFFECTS FOR TRIDUTEROETHANOL VS METHANOL FINAL REPORT NOV 1967 | AFOSR67-2791 |
| DEUTERIUM ISOTOPE EFFECTS IN THE ELECTRON SPIN RESONANCE SPECTRA OF NAPHTHALENE NEGATIVE IONS | AFOSR66-0397 |
| ZIRCONIUM ISOTOPE RATIOS IN THE S-TYPE STAR NR 1105 | AFOSR66-1156 |
| THE SOLVENT ISOTOPE EFFECT ON THE DISSOCIATION OF THE AQUOPENTAAMMINECOBALT (III) ION | AFOSR66-2878 |
| ELECTRON SPIN RESONANCE STUDIES OF DEUTERIUM ISOTOPE EFFECTS A NOVEL RESONANCE-INTEGRAL PERTURBATION | AFOSR66-0398 |
| COMPLETE PROTON AND NATURALLY OCCURRING SULFUR ISOTOPE SUPER 335 HYPERFINE SPLITTINGS IN THE THIANTHRENE CATION | AFOSR66-1312 |
| OBSERVATION OF CENTRIFUGAL STRETCHING IN SAMARIUM ISOTOPE 152 | AFOSR67-1446 |
| ISOTOPIES | |
| ISOTOPIES OF MAGNESIUM IN STELLAR ATMOSPHERES | AFOSR66-2514 |
| CHARGE STRUCTURE OF THE CALCIUM ISOTOPIES | AFOSR67-0911 |
| PRECISE ATOMIC MASS DIFFERENCES INVOLVING ISOTOPIES OF NO SH CO AND PB | AFOSR67-1745 |
| NUCLEAR QUADRUPOLE MOMENTS OF THE NEUTRON DEFICIENT ISOTOPIES 131CS AND 132CS | AFOSR66-1107 |
| ISOMERIC ANALOGUE STATES IN HEAVY NUCLEI IV SAMARIUM ISOTOPIES | AFOSR67-2193 |
| LEAST-SQUARES ADJUSTMENT OF ANHARMONIC POTENTIAL CONSTANTS APPLICATION TO CARBON DIOXIDE CONTAINING ISOTOPIES 12 AND 13 | AFOSR66-0207 |
| ISOTOPIC | |
| ISOTOPIC DIFFERENCES IN THE 7700 DEGREES K VOLUME AND SUBLIMATION ENERGIES OF SOLID NEON AND ARGON | AFOSR67-0489 |
| CAN THE SQUARE OF THE ISOTOPIC SPIN BE CONSERVED BUT NOT THE TOTAL ISOTOPIC SPIN | AFOSR67-1380 |
| A NEW DETERMINATION OF THE C12/C13 ISOTOPIC ABUNDANCE RATIO IN THE SOLAR PHOTOSPHERE | AFOSR67-0480 |
| THERMAL CONDUCTIVITY OF SOLID GME AND OF ISOTOPIC MIXTURES AT HIGH DENSITIES | AFOSR66-1080 |
| CAN THE SQUARE OF THE ISOTOPIC SPIN BE CONSERVED BUT NOT THE TOTAL ISOTOPIC SPIN | AFOSR67-1380 |
| ISOTROPIC | |
| ON NONLINEAR EQUATIONS OF ISOTROPIC ELASTIC SPHERICAL SHELLS | AFOSR67-2254 |
| ELECTRIC DIPOLE RADIATION IN ISOTROPIC AND UNIAXIAL PLASMAS | AFOSR66-1081 |
| ELECTROSTATIC RELAXATION WAVES IN AN ISOTROPIC LORENTZ GAS | ARL 66-0337 |
| DIALKYLPHOSPHINE/IRON(II) COMPLEXES ISOTROPIC PROTON MAGNETIC RESONANCE SHIFTS AND THE KINETICS OF LIGAND | AFOSR66-2624 |
| EXPERIMENTAL VERIFICATION OF LANDAU WAVES IN AN ISOTROPIC ELECTRON PLASMA | ARL 66-0360 |
| COMPARATIVE STUDIES OF THE ATTACK OF PYROLYTIC AND ISOTROPIC GRAPHITE BY ATOMIC AND MOLECULAR OXYGEN AT HIGH | AFOSR66-1280 |
| ON THE USE OF SYMMETRY TO SIMPLIFY THE CONSTITUTIVE EQUATIONS OF ISOTROPIC MATERIALS WITH MEMORY | AFOSR66-2667 |
| ON THE DIRECTIVITY OF SETS OF ELECTROMAGNETIC RADIATION SOURCES I GENERAL RESULTS FOR SETS OF IDENTICAL ISOTROPIC | AFOSR67-0152 |
| ISOTROPY | |
| ISOTROPY OF COSMIC BACKGROUND RADIATION AT 10690 MHZ | AFOSR67-1710 |
| ISSUES | |
| ISSUES IN SOCIAL SCIENCE DECISION MAKING FINAL REPORT MARCH 1968 | AFOSR66-0683 |
| ON MAN-COMPUTER INTERACTION A MODEL AND SOME RELATED ISSUES | AFOSR66-0083 |
| ITALIAN | |
| ON THE LOCAL REGION AND PHOTIC DEFLX /ITALIAN/ | AFOSR66-1991 |
| A GENERALIZATION OF THE THEOREM OF RIETH-THORIN /ITALIAN/ | AFOSR66-0061 |
| PRELIMINARY OBSERVATIONS ON THE POWER SPECTRUM OF THE HUMAN EEG /ITALIAN/ | AFOSR66-0944 |
| A SOLUTION FOR A CLASS OF PROBLEMS OF LINEAR SYSTEM OPTIMIZATION /ITALIAN/ | AFOSR66-0674 |

ITALIAN

- CONTINUED

LINEAR ASYMPTOTICALLY AUTONOMOUS FUNCTIONAL DIFFERENTIAL EQUATIONS /ITALIAN/ AFOSR66-1763
 AMPLITUDE CHANGES OF THE EEG POTENTIAL EVOKED BY GHOTIC STIMULI DURING SLEEP IN MAN /ITALIAN/ AFOSR67-1895
 RESONANCES AND CONSIDERATIONS ON THE HEMISPHERIC DOMINANCE AND SPECIALIZATION IN MAN /ITALIAN/ AFOSR67-1895
 A RESULT CONCERNING ELLIPTIC EQUATIONS OF THE SECOND ORDER AND OF NON VARIATIONAL TYPE /ITALIAN/ AFOSR68-0573

ITERATED

ON THE LAW OF THE ITERATED LOGARITHM FOR CONTINUED FRACTIONS AFOSR67-1322

ITERATION

RADIATIVE TRANSFER II THE ITERATION OF THE MONOCHROMATIC SOURCE FUNCTION IN THE PRESENCE OF SCATTERING AFOSR68-2683

ITERATIVE

ITERATIVE SOLUTIONS OF MAXWELL'S EQUATIONS AFOSR68-0495
 ITERATIVE COMPUTATION PROCEDURES FOR AN OPTIMUM CONTROL PROBLEM AFOSR67-0830
 AN ITERATIVE PROCEDURE FOR COMPUTING THE MINIMUM OF A QUADRATIC FORM ON A CONVEX SET AFOSR67-0839
 AN ITERATIVE SOLUTION FOR ROTATIONALLY SYMMETRIC NON-LINEAR MEMBRANE PROBLEMS AFOSR67-2057

ITINERANT-ELECTRON

BAND-STRUCTURE EFFECTS ON ITINERANT-ELECTRON MAGNETISM II AFOSR68-1071

JACOBIAN

REGULARIZING TRANSFORMATIONS OF THE JACOBIAN INTEGRAL AFOSR67-0635

JAHN-TELLER

JAHN-TELLER EFFECT OF A D₂ ION IN EIGHTFOLD CUBIC COORDINATION AFOSR68-0009
 PARAMAGNETIC-RESONANCE STUDY OF THE DYNAMIC JAHN-TELLER EFFECT IN CALCIUM FLUORIDE SCANDIUM TWO PLUS AND STRONTIUM AFOSR67-1203

JAKEMAN

COMMENTS ON A PAPER BY F. JAKEMAN AND E. R. PIKE--THE INTENSITY-FLUCTUATION DISTRIBUTION OF GAUSSIAN LIGHT AFOSR68-2626

JAPAN

RESEARCH ON FLUID DYNAMICS IN JAPAN ARL 67-1206
 RESEARCH ON FLUID DYNAMICS IN JAPAN ARL 68-0061

JETS

ON MASS ENTRAINMENT BY JETS PHASE II THE EFFECT OF SOUND ON JETS AFOSR67-0337
 SOME REMARKS ON THREE-DIMENSIONAL VAKES AND JETS AFOSR68-0892
 APPROXIMATE CALCULATION OF HIGHLY UNDEREXPANDED JETS AFOSR67-0999
 FURTHER EXPERIMENTAL RESULTS FOR THREE-DIMENSIONAL FREE JETS AFOSR67-1497
 A STUDY OF THREE-DIMENSIONAL INCOMPRESSIBLE TURBULENT WALL JETS AFOSR67-2580
 ON MASS ENTRAINMENT BY JETS PHASE II THE EFFECT OF SOUND ON JETS AFOSR67-0337
 A QUASI-AXISYMMETRIC APPROXIMATION FOR TURBULENT THREE-DIMENSIONAL JETS AND VAKES AFOSR68-0981
 MINIATURE PROBES FOR THE INSTANTANEOUS MEASUREMENT OF ENTHALPY IN ARC JETS FINAL REPORT SEP 1967 ARL 67-0191
 TRANSITION TO TURBULENCE FOR SUBMERGED INCOMPRESSIBLE AND FREE COMPRESSIBLE FLUID JETS AFOSR67-1894

JOHNS

CRYSTAL SPECTROSCOPY AT THE JOHNS HOPKINS UNIVERSITY AFOSR68-2114

JOINT

JOINT SERVICES ELECTRONICS PROGRAM FINAL REPORT FEB 1967 AFOSR67-1396
 JOINT EXPERIMENTAL OPTHOPTICAL INVESTIGATIONS IN PLASMA PHYSICS FINAL REPORT JULY 1967 AFOSR68-0121
 JOINT SERVICES ELECTRONICS PROGRAM FINAL REPORT MARCH 1968 AFOSR68-0980
 REPORT OF JOINT SATELLITE STUDIES GROUP ANNUAL MEETING OSLO APRIL 1968 FINAL REPORT APR 1968 AFOSR68-0260
 A REPORT ON JOINT AMERICAN PHYSICAL SOCIETY AND JAPANESE PHYSICAL SOCIETY MEETING ON FLUID DYNAMICS HONOLULU HAWAII AFOSR67-0613
 FIFTH ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW AFOSR68-0581
 SPACE SCIENCE JOINT US/UG-AP TECHNICAL SESSION AFOSR67-0832
 PROCEEDINGS OF ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW 4TH AUSTIN TEXAS 16-17 MAR 1967 AFOSR67-0851
 PROGRESS REPORT NO 32 TO THE JOINT SERVICES TECHNICAL ADVISORY COMMITTEE AFOSR67-2582
 PROGRESS REPORT NO 13 TO THE JOINT SERVICES TECHNICAL ADVISORY COMMITTEE AFOSR68-2163
 CERNENOV LIGHT EXPERIMENT BOLIVIAN AIR SHOWER JOINT EXPERIMENT FINAL REPORT JAN 1968 AFOSR68-0179
 STUDIES OF PRIMARY COSMIC RAYS IN THE ENERGY REGION 10-14 EV TO 10-17 EV /BOLIVIAN AIR SHOWER JOINT EXPERIMENT/ AFOSR68-0186
 A MONTE CARLO SIMULATION OF THE NUCLEAR ACTIVE CASCADE IN EAS /ANALYSIS OF BOLIVIAN AIR SHOWER JOINT EXPERIMENT/ AFOSR68-0184

JORDAN

A PROOF OF CONTROLLABILITY OF JORDAN FORM STATE EQUATIONS AFOSR68-2283
 CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC JORDAN CURVE WITH AFOSR67-2550

JOSEPHSON

FLUCTUATIONS IN A JOSEPHSON JUNCTION AFOSR68-1362
 ALTERNATING CURRENT JOSEPHSON EFFECT IN SUPERFLUID HELIUM AFOSR67-1772
 SELF-FIELD LIMITING OF JOSEPHSON TUNNELING OF SUPERCONDUCTING ELECTRON PAIRS AFOSR67-0170

JOST-LEHMANN

ELECTROMAGNETIC MASS SHIFTS EQUAL-TIME COMMUTATORS AND JOST-LEHMANN REPRESENTATION AFOSR68-1638

JOURNALS

PRESS AND JOURNALS IN COMMUNIST CHINA AFOSR67-0965

JOURNEYS

JOURNEYS IN SCIENCE SMALL STEPS--GREAT STRIDES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 17TH AFOSR68-2384

JUDGMENT

A TEST OF A TWO-STAGE MODEL OF MAGNITUDE JUDGMENT AFOSR68-1439

JUDGMENT

OPINION AND JUDGMENT IN THE POLITICAL EXTREMIST AFOSR68-2068
 SENSORY CONTRAST EFFECTS IN THE JUDGMENT OF LIFTED WEIGHTS AFOSR67-0768
 SOCIAL JUDGMENT IN THE MOTIVATION AND DISTORTION OF JUDGMENT AFOSR67-1722

JUDGMENTS

METHODS OF VALIDATION OF JUDGMENTS IN DECISION MAKING FINAL REPORT AUG 1967
 INTERNATIONAL EFFECT UPON NAUTIC JUDGMENTS OF DISTANCE
 RACIAL ATTITUDE AS A DETERMINANT OF JUDGMENTS OF PLAUSIBILITY
 THE EFFECTS OF CONTEXT AND OF RATER'S ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP
 THE EFFECTS OF CONTEXT AND OF RATER'S ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP

AFOSR67-2493
 AFOSR67-2109
 AFOSR67-1394
 AFOSR67-0073
 AFOSR67-1403

JULICH

MHD RESEARCH AT THE NUCLEAR RESEARCH CENTER /KFA/ IN JULICH GERMANY

ARL 68-1040

JUMPS

JUMPS ACROSS TRANSVERSE IONIZING MHD SHOCK WAVES IN REAL HYDROGEN USING β COMPRESSION AS A PARAMETER AN EXPLICIT
 WEAK HYDRAULIC JUMPS IN SHALLOW WATER

SRL 68-0006
 AFOSR67-0230

JUNCTION

JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS
 JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS
 ELECTROSTATIC JUNCTION MODULATORS
 SEMICONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY CRYSTALLOGRAPHIC IMPERFECTIONS
 SEMICONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY CRYSTALLOGRAPHIC IMPERFECTIONS FINAL REPORT MAR 1968
 FLUCTUATIONS IN A JOSEPHSON JUNCTION
 ANALYSIS AND DESIGN OF MAXIMUM-GAIN LOW-CURRENT JUNCTION FIELD EFFECT TRANSISTOR CONFIGURATIONS
 SCANNING ELECTRON MICROSCOPE INVESTIGATION OF PLANAR DIFFUSED PN JUNCTION PROFILES NEAR THE EDGE OF A DIFFUSION MASK
 SUPERCONDUCTIVE CURRENT IN A SUPERCONDUCTOR-NORMAL METAL SUPERCONDUCTOR JUNCTION
 DIRECT MEASUREMENT OF THE DEPLETION LAYER WIDTH VARIATION VS APPLIED BIAS FOR A P-N JUNCTION

AFOSR67-0096
 AFOSR67-0292
 AFOSR68-1190
 AFOSR67-0504
 AFOSR68-0175
 AFOSR68-1362
 AFOSR67-0186
 AFOSR68-1173
 AFOSR68-0821
 AFOSR67-0344

JUNCTION-GATE

CURRENT SATURATION AND DRAIN CONDUCTANCE OF JUNCTION-GATE FIELD-EFFECT TRANSISTORS

AFOSR67-1629

JUNCTIONS

SPECIALIZED JUNCTIONS INVOLVED IN ELECTRICAL TRANSMISSION BETWEEN NEURONS
 ORGANIC SEMICONDUCTOR JUNCTIONS FINAL REPORT JUNE 1968
 PHYSIOLOGY OF ELECTROTONIC JUNCTIONS
 SYSTEM FOR OBSERVING SMALL NONLINEARITIES IN TUNNEL JUNCTIONS
 THE SPATIAL VARIATION OF THE QUASI-FERMI POTENTIALS IN P-N JUNCTIONS
 EFFECTS OF MULTIPLY-CHARGED GOLD IMPURITY ON THE BREAKDOWN VOLTAGE OF SILICON P-N JUNCTIONS

AFOSR67-1491
 AFOSR68-0304
 AFOSR67-1492
 AFOSR67-0569
 AFOSR67-1151
 AFOSR68-1115

JUPITER

RADIO ROTATION PERIOD OF JUPITER
 RADAR OBSERVATIONS OF MARS AND JUPITER AT 70 CM
 RADIOCYTIC OBSERVATIONS OF THE PLANETS JUPITER VENUS AND MARS AT A WAVELENGTH OF 8.6 MILLIMETERS
 STUDY OF ABSORPTION AND REFRACTION CHANGES IN RADIATION EMANATING FROM JUPITER AND RADIO STARS FINAL REPORT FEB 1967

AFOSR67-0211
 AFOSR67-2694
 AFOSR67-0400
 AFOSR67-0114

JUPITERS

STIMULATION OF JUPITERS RADIO EMISSION BY IO

AFOSR67-2744

JUSTIFICATION

AN INEQUALITY FOR THE REDUCED WAVE OPERATOR AND THE JUSTIFICATION OF GEOMETRICAL OPTICS

AFOSR68-1513

K-LINE

ON THE K-LINE OF CA II IN SUNSPOTS
 ON THE K-LINE OF CA II IN SUNSPOTS
 SIMULTANEOUS OBSERVATIONS OF H α AND THE K-LINE OF CA II IN THE SOLAR SPECTRUM

AFOSR68-0201
 AFOSR68-0203
 AFOSR68-0197

K-LINES

ON THE CENTEN-LINE VARIATION OF THE H- AND K-LINES OF CA II

AFOSR67-0576

K-MATRIX

RANDOM-PHASE K-MATRIX APPROACH TO ABSORPTION IN PERIPHERAL INTERACTIONS

AFOSR67-0874

K-SHELL

D-STRUCTURE AND K-SHELL VACANCIES IN $He/Li-Ne$ COLLISIONS AT 150 TO 400 KEV

AFOSR67-1137

KANN-ROHM

VARIABLE-WIDTH GATE FOR KANN-ROHM PULSE HEIGHT DETECTOR

AFOSR68-2010

KANTOROVICH

AN EXTENSION OF THE KANTOROVICH METHOD
 AN EXTENSION OF THE KANTOROVICH METHOD
 AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO THE STRESS ANALYSIS OF A CLAMPED RECTANGULAR PLATE
 AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO EIGENVALUE PROBLEMS
 AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO MHD DUCT FLOW

AFOSR67-2794
 AFOSR67-2419
 AFOSR67-1580
 AFOSR68-1153
 AFOSR68-0958

KAON-PROTON

REACTION POSITIVE KAON-PROTON INTERACTIONS AT 2.26 BEV/C

AFOSR67-2324

KAONS

THE-PION DECAYS OF KAONS IN A NOVEL APPROACH TO NONLEPTONIC WEAK PROCESSES
 EFFECTIVE $\Delta I = 1/2$ RULE IN THE THREE-PION DECAYS OF KAONS

AFOSR67-0125
 AFOSR67-0120

KARMAN

AN EXISTENCE THEOREM FOR THE VON KARMAN EQUATIONS
 SERIES OF LECTURES ON SEPARATED FLOWS/ VON KARMAN INSTITUTE FOR FLUID DYNAMICS, BRUSSELS, BELGIUM, PART I / EXACT

AFOSR68-2051
 ARL 67-1208

KARMAN

ON VON KARMAN'S EQUATIONS AND THE BUCKLING OF A THIN PLASTIC PLATE

AFOSR68-2040

| | |
|---|--------------|
| KATNAI | |
| EVIDENCE FOR MAGMA IN THE KATNAI VOLCANIC RANGE | AFOSR67-2706 |
| KAZAKH | |
| A SINO-SOVIET CULTURAL FRONTIER THE ILI KAZAKH AUTONOMOUS CHOU | AFOSR67-0200 |
| KELVIN | |
| SUPERCONDUCTIVITY AT 20 DEGREES KELVIN | AFOSR67-1010 |
| THE OXYDE TEMPERATURE OF NICKEL FROM 0 TO 300 DEGREES KELVIN | AFOSR68-0550 |
| ELECTRON MICROSCOPY OF POLYETHYLENE BELOW TWENTY DEGREES KELVIN | AFOSR67-1780 |
| SINGLE-COLLISION-TIME THEORY OF SOUND PROPAGATION IN LIQUID HELIUM-4 BELOW 0.6 DEGREES KELVIN | AFOSR68-0151 |
| AN EXPERIMENTAL DETERMINATION OF THE DYNAMIC VISCOSITY OF ATMOSPHERIC ARGON FROM 3500 TO 8500 DEGREES KELVIN | AFOSR68-1210 |
| KENNEDY | |
| MELTING POINTS AT HIGH COMPRESSIONS FROM ZERO-COMPRESSION PROPERTIES THROUGH THE KENNEDY RELATION | AFOSR67-1239 |
| KEPLER | |
| ON THE DEGENERACY OF THE KEPLER PROBLEM | AFOSR68-2061 |
| KERNEL | |
| APPLICATION OF THE KERNEL FUNCTION FOR THE COMPUTATION OF FLOWS OF COMPRESSIBLE FLUIDS | AFOSR68-2890 |
| SOME APPLICATIONS OF REPRODUCING KERNEL HILBERT SPACES | AFOSR68-1973 |
| THE BOUNDARY BEHAVIOR OF THE BERGMAN KERNEL FUNCTION /FRENCH/ | AFOSR68-2876 |
| KERNELS | |
| SOME INTEGRAL EQUATIONS WITH NONRATIONAL KERNELS | AFOSR67-0772 |
| KERR | |
| KERR EFFECT IN POLYMER CHAINS | AFOSR68-2077 |
| KETENE | |
| THE PHOTOCHEMISTRY OF KETENE THE METHYLENE RADICAL | AFOSR67-0637 |
| KETO | |
| VAPOR-PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS | ARL 67-1161 |
| VAPOR PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS | ARL 67-1192 |
| KETONE | |
| PHOTOCHEMICAL CYCLOBUTANOL FORMATION OF AN ARYL KETONE THE SCOPE AND MECHANISM OF THE REACTION | AFOSR67-2627 |
| KETONES | |
| IONIC CHEMISTRY OF KETONES | ARL 68-0323 |
| IONIC CHEMISTRY OF KETONES | ARL 68-1054 |
| REACTIONS OF ACETYLENIC KETONES AND AN ALDEHYDE WITH PHOSPHORUS PENTACHLORIDE | AFOSR67-0030 |
| THE REACTION OF CYCLOPROPYL KETONES WITH PHOSPHORUS PENTACHLORIDE | AFOSR67-0029 |
| MOLECULAR PHOTOCHEMISTRY V. PHOTOCYCLOADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS | AFOSR67-2185 |
| THE CHEMISTRY OF CARBANIONS X THE SELECTIVE ALKYLATION OF UNSYMMETRICAL KETONES | AFOSR67-1423 |
| ORGANOPHOSPHORUS CHEMISTRY IV THE REACTIONS OF TRIALKYL PHOSPHITES WITH ALPHA-HALO KETONES | AFOSR67-1703 |
| THE CHEMISTRY OF CARBANIONS IX THE POTASSIUM AND LITHIUM ENOLATES DERIVED FROM CYCLIC KETONES | AFOSR67-1427 |
| KETYL | |
| ELECTRON SPIN RESONANCE OF HEXAFLUOROACETONE KETYL | AFOSR68-0809 |
| ELECTRON SPIN RESONANCE OF PERFLUOROCYCLOBUTANONE KETYL LONG-RANGE FLUORINE COUPLING | AFOSR68-2876 |
| THE CHEMISTRY OF CARBANIONS VIII THE INTRAMOLECULAR ALKYLATION OF KETYL RADICAL ANIONS | AFOSR67-1433 |
| KEYWORD | |
| A KEYWORD AND AUTHOR INDEX FOR THE MASTERS THESES IN THE PURE AND APPLIED SCIENCES ACCEPTED BY U S COLLEGES AND | AFOSR67-0621 |
| KIDNEY | |
| THE IDENTIFICATION OF PROSTAGLANDINS E TWO F TWO AND ALPHA TWO FROM RABBIT KIDNEY MEDULLA | AFOSR68-0357 |
| KILOGAUSS | |
| AC SUPERCONDUCTING SOLENOID FOR KILOGAUSS FIELD MODULATION | AFOSR67-1681 |
| RADIOFREQUENCY SOURCE OF POTASSIUM RESONANCE RADIATION FOR USE IN KILOGAUSS MAGNETIC FIELDS | AFOSR67-2637 |
| MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND UP TO 150 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC | AFOSR68-0422 |
| LARGE VOLUME PULSED FIELD COILS APPLICATIONS TO SYNCHRONOUS PULSE OPERATION FROM 250 TO 500 KILOGAUSS | AFOSR67-2374 |
| KILOMEGACYCLE | |
| MEGACYCLE AND KILOMEGACYCLE ULTRASONIC ATTENUATION STUDIES IN METALS FINAL REPORT MARCH 1968 | AFOSR68-0739 |
| KILOMETER | |
| WINDSPHERIC TIDAL MOTION IN THE 90 TO 120 KILOMETER HEIGHT REGION | AFOSR67-0309 |
| KILOMETERS | |
| MEASUREMENTS OF TIDAL OSCILLATIONS ABOVE 120 KILOMETERS | AFOSR67-0131 |
| RADAR SPECTROGRAPHIC ESTIMATES OF IONIC COMPOSITION FROM 225 TO 1400 KILOMETERS FOR SOLAR MINIMUM WINTER AND SUMMER | AFOSR67-0806 |
| KINASE | |
| EVOLUTION OF CREATINE KINASE | AFOSR67-1662 |
| KINASES | |
| MULTIPLE MOLECULAR FORMS OF CREATINE KINASES | AFOSR68-1900 |
| THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES II PHYSICAL AND CHEMICAL PROPERTIES | AFOSR67-0806 |
| THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES I ISOLATION AND CHARACTERIZATION FROM CHICKEN AND RABBIT TISSUES | AFOSR67-0807 |

KINEMATIC

KINEMATIC EFFECTS IN SPIN-1/2 ANTIFERROMAGNETISM
KINEMATIC SINGULARITIES OF HELICITY AMPLITUDES FOR COMPTON SCATTERING
KINEMATIC GEOMETRY
STEADY PROFILE OF A FINITE-AMPLITUDE KINEMATIC WAVE ON A GLACIER

AFOSR68-0414
AFOSR68-1303
ARL 67-1330
AFOSR68-1113

KINEMATICAL

KINEMATICAL GEOMETRY

AFOSR67-0626

KINESTHETIC

THE PSYCHOPHYSICS OF THE KINESTHETIC AFTEREFFECT IN THE PETRIE BLOCK EXPERIMENT

AFOSR68-1989

KINETIC

KINETIC THEORY AND RELAXATION PROCESSES OF WEAKLY IONIZED GASES
KINETIC THEORY OF DIFFUSION IN HARMONIC GASES
KINETIC STUDIES ON HEMOGLOBIN BY FLASH PHOTOLYSIS FINAL REPORT JAN 1967
KINETIC SPECTROSCOPY IN THE INFRARED A RAPID-SCAN INFRARED SPECTROMETER
KINETIC ISOTOPE EFFECTS AND ORGANIC REACTION MECHANISMS
KINETIC MODELS FOR A GAS WITH INTERNAL STRUCTURE
KINETIC EQUATIONS AND DENSITY EXPANSIONS EXACTLY SOLVABLE ONE-DIMENSIONAL SYSTEM
KINETIC EQUATION FOR A PLASMA AND ITS APPLICATION TO HIGH-FREQUENCY CONDUCTIVITY
KINETIC THEORY OF A SPHERICAL ELECTROSTATIC PROBE IN A STATIONARY PLASMA
KINETIC THEORY OF HEAT TRANSFER FOR A GAS WITH INTERNAL DEGREES OF FREEDOM
KINETIC AND EQUILIBRIUM STUDIES OF THE THERMAL DECOMPOSITION OF 2-METHYL-2-PROPANOL
KINETIC ORDER WITH RESPECT TO SOLVENT ACID HYDROLYSIS AND PREFERENTIAL SOLVATION OF THE REINECKATE ION
KINETIC THEORY OF TWO-TEMPERATURE PLASMAS
KINETIC DESCRIPTION OF CYLINDRICAL HEAT CONDUCTION IN A POLYATOMIC GAS
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELD I GENERAL THEORY
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELDS II LOWEST ORDER CORRECTIONS
ON THE KINETIC THEORY OF PLASMAS FINAL REPORT JULY 1968
MEAN-FIELD KINETIC EQUATIONS FOR A LASER
A CHEMICAL STUDY OF SUBSTITUTION REACTIONS IN COORDINATION COMPOUNDS FINAL REPORT JUNE 1968
STOKES PARADOX IN KINETIC THEORY
SOME RESULTS ABOUT A KINETIC MODEL WITH VELOCITY-DEPENDENT COLLISION FREQUENCY
UNSTEADY SOLUTIONS OF KINETIC MODELS WITH VELOCITY-DEPENDENT COLLISION FREQUENCY
THEORETICAL RESEARCH IN KINETIC THEORY AND RAREFIED GAS DYNAMICS
THE PRESENT STATE OF PLASMA KINETIC THEORY
A UNIFIED FORMULATION OF THE KINETIC EQUATION
TRANSFORMATION PROPERTIES OF THE KINETIC EQUATIONS
THE METHOD OF ELEMENTARY SOLUTIONS FOR KINETIC MODELS WITH VELOCITY-DEPENDENT COLLISION FREQUENCY
VARIATIONAL APPROACH TO BOUNDARY-VALUE PROBLEMS IN KINETIC THEORY
HIGH-RESOLUTION STUDY OF ELECTRON-IMPACT SPECTRA AT KINETIC ENERGIES BETWEEN 33 AND 100 ELECTRON VOLT AND SCATTERING
STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS
THE USE OF THE FIRST-ORDER RATE EQUATION IN TREATING KINETIC DATA
FURTHER STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS FINAL REPORT JULY 1968
TEST-PARTICLE RELAXATION IN AN ELECTRON GAS DESCRIBED BY THE FOKKER-PLANCK KINETIC EQUATION
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION STUDY OF ENERGY TRANSFER BY KINETIC SPECTROPHOTOMETRY
AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS USING THE TURBULENT KINETIC ENERGY EQUATION

AFOSR68-0237
AFOSR67-0469
AFOSR67-0521
AFOSR67-0875
AFOSR67-0918
AFOSR67-1280
AFOSR67-1747
AFOSR67-1868
AFOSR67-1897
AFOSR67-1935
AFOSR67-1969
AFOSR68-0174
AFOSR68-0625
AFOSR68-2423
ARL 67-0150
ARL 67-0158
ARL 68-0136
AFOSR68-0400
AFOSR68-1620
AFOSR68-2403
AFOSR67-1914
AFOSR67-0692
AFOSR68-2493
AFOSR67-0985
AFOSR68-1070
AFOSR68-1076
AFOSR67-0691
AFOSR67-0138
AFOSR68-2594
ARL 68-1077
AFOSR67-0539
ARL 68-0115
AFOSR67-1912
AFOSR67-0095
AFOSR68-1568

KINETICAL

KINETICAL STUDY OF HYDROGEN-NITROUS OXIDE FLAMES

AFOSR68-1247

KINETICS

KINETICS OF REACTIONS IN FROZEN SOLUTIONS DEMONSTRATION OF A REACTION IN FROZEN AQUEOUS SOLUTIONS
KINETICS OF HYDROGEN-OXYGEN AND HYDROCARBON-OXYGEN REACTIONS FINAL REPORT OCT 1966
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF ETHYLENEBISBIGUANIDE-NICKEL(II) ION
KINETICS OF THE ATTACK OF HIGH-TEMPERATURE MOLYBDENUM AND TUNGSTEN BY ATOMIC OXYGEN
KINETICS OF OSMIUM-CATALYZED REACTION BETWEEN CERIUM(IV) AND ARSENIC(III) IN SULFURIC ACID MEDIUM
KINETICS AND MECHANISM OF THE REACTION OF TRIPHENYLPHOSPHINE WITH ALPHA-HALOACETOPHENONES
KINETICS STUDIES ON MEMBRANES BY FLASH PHOTOLYSIS FINAL REPORT JAN 1968
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF ETHYLENEBISBIGUANIDE-PALLADIUM(II) ION
KINETICS OF ATOMIC ASSOCIATION REACTIONS USING FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE FINAL REPORT NOV 1968
KINETICS AND MECHANISM OF FORMATION OF ZINC FERRITE
THE KINETICS OF INVERSION OF 2-METHYLBUTYL MAGNESIUM BROMIDE AND RELATED COMPOUNDS
THE KINETICS OF CALCIUM OXALATE PYROLYSIS
THE KINETICS OF OXALATE ION PYROLYSIS IN A POTASSIUM BROMIDE MATRIX
THE KINETICS OF VULFITE SCALE FORMATION ON IRON-NICKEL ALLOYS
FLAMES KINETICS AND SPECTROSCOPY
STUDY OF KINETICS OF ALKALI METAL DEPOSITION IN NONAQUEOUS SOLUTIONS FINAL REPORT OCT 1968
REACTION KINETICS IN DIFFERENT TYPES OF DEFLAGRATIONS FINAL REPORT OCT 1968
CHEMICAL KINETICS OF ENTRY INTO THE MARTIAN ATMOSPHERE FINAL REPORT MAY 1967
COMBUSTION KINETICS OF TETRAFLUOROETHYLENE FINAL REPORT SEPT 1967
COMBUSTION KINETICS OF TETRAFLUOROETHYLENE FINAL REPORT JULY 1968
THEORY OF CHEMICAL KINETICS II FINAL REPORT 1968
MULTIDENTATE LIGAND KINETICS X EXCHANGE REACTIONS OF METAL(II)/--CYCLOHEXYLENEDIAMINETETRAACETATE COMPLEXES
ATOMIC AND MOLECULAR KINETICS ON SOLID SURFACES FINAL REPORT FEB 1968
THE PARADOX OF OXIDATION KINETICS OF NITRUM
REACTION MECHANISMS AND KINETICS IN SOLID PHASE REACTIONS FROM 1500-3000 DEGREES C
NEW ANIONIC REARRANGEMENTS V KINETICS OF CATALYZED ANIONIC REARRANGEMENT OF BIS(ORGANOSILYL)METHYLHYDRAZINES
STRESS PROPAGATION AND SPALLATION CONE KINETICS IN PENETRATED THIN PLATES
TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY KINETICS OF SECOND-ORDER DISPROPORTIONATION OF URANIUM V BY DECAY OF
COMMENTARY ON THE RIGNEY AND BLAKELY PAPER KINETICS OF THE SOLID-LIQUID TRANSITION IN TIN
EFFECTS OF THE STEFAN-NUSSELT FLOW ON THE APPARENT KINETICS OF HETEROGENEOUS CHEMICAL REACTIONS IN FORCED CONVECTION
MATHEMATICAL ANALYSIS OF THE THERMAL WAVE TECHNIQUE FOR LINEAR KINETICS
DIALKYLDIARYLPHOSPHINE/IRON(II) COMPLEXES ISOTROPIC PROTON MAGNETIC RESONANCE SHIFTS AND THE KINETICS OF LIGAND

AFOSR67-0090
AFOSR67-0381
AFOSR67-1769
AFOSR67-1986
AFOSR68-0366
AFOSR68-0495
AFOSR68-0524
AFOSR68-2271
AFOSR68-2756
AFOSR68-2885
AFOSR67-0047
AFOSR67-0540
AFOSR67-0541
AFOSR67-2650
AFOSR68-2199
AFOSR68-0560
AFOSR68-2634
ARL 67-0113
AFOSR68-0090
AFOSR68-2134
ARL 67-0061
AFOSR67-0713
AFOSR68-0456
AFOSR67-0322
AFOSR68-0641
AFOSR67-2376
AFOSR67-0167
AFOSR67-0542
AFOSR68-1544
AFOSR67-0468
AFOSR68-1518
AFOSR68-2624

KLEFS

NOTES ON KLEFS PAPER POLYHEDRAL SECTIONS OF CONVEX BODIES

AFOSR68-0247

KLEINIAN

KLEINIAN GROUPS IN THE PLANE AND IN SPACE (GERMAN)

AFOSR67-2421

KLEINS

THE LOCAL RING OF THE GENUS THREE MODULUS SPACE AT KLEINS 16A SURFACE

AFOSR67-2354

KNEIF-EDGE

ON THE DIFFRACTION BY A KNIFE-EDGE OBSTACLE ON A CONDUCTING EARTH

AFOSR68-0175

LABORATORY

LABORATORY SIMULATION OF LUNAR LUMINESCENCE WITH SPECIAL REFERENCE TO METEORITIC MATERIAL FINAL REPORT DEC 1967
 LABORATORY STUDIES OF PROPAGATION OF MAGNETIC DISTURBANCES IN THE MAGNETOSPHERE FINAL REPORT JULY 1968
 LABORATORY STUDY OF TURBULENCE IN COLLISION-FREE SHOCKS
 A SIMPLE LABORATORY MODEL FOR THE OCEANIC CIRCULATION
 REALISM IN LABORATORY SIMULATION WITH ONE METHOD
 NATIONAL MAGNET LABORATORY FINAL REPORT JAN 1967
 RESEARCH AND DEVELOPMENT LABORATORY MANAGEMENT KNOWLEDGE UTILIZATION STUDY FINAL REPORT JULY 1968
 METALLURGY AND CERAMICS RESEARCH LABORATORY
 THE MOORE SCHOOL INFORMATION SYSTEMS LABORATORY
 HIGH FIELD MAGNETS AT THE NATIONAL MAGNET LABORATORY
 PLASMA AND TECHNOLOGY AT THE THERMOMECHANICS RESEARCH LABORATORY
 PHYSICS WITH HIGH MAGNETIC FIELDS AT THE NATIONAL MAGNET LABORATORY
 THE REACTION OF HYDRAZINE AND CHLORINE PENTAFLOURIDE IN A LABORATORY ROCKET COMBUSTOR
 MODERN COMPUTER SYSTEMS AND THEIR APPLICATIONS TO A RESEARCH LABORATORY
 A SUMMARIZATION OF TECHNICAL AND SCIENTIFIC REPORTS ISSUED BY THE IONOSPHERE RESEARCH LABORATORY - PAPERS PRESENTED

AFCL68-0235
 AFCL68-0415
 AFOSR68-1937
 AFOSR67-0981
 AFOSR67-1726
 AFOSR67-0522
 AFOSR68-1694
 ARL 68-1336
 AFOSR67-1992
 AFOSR67-2371
 ARL 67-1207
 AFOSR67-2261
 AFOSR68-1294
 ARL 68-1078
 AFCL67-0466

LADDER

SPARK LADDER IN SOLIDS

AFOSR68-1820

LADDERS

ON THE MONIUS LADDERS

AFOSR68-1392

LAGRANGE

LAGRANGE FORMULATION FOR SYSTEMS WITH HIGHER SPIN
 FUNCTIONAL LAGRANGE EXPANSION IN STATE SPACE AND THE S-DOMAIN
 MULTIDIMENSIONAL LAGRANGE AND PONTRYAGIN PROBLEMS
 MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION IN A FIXED DOMAIN AND AN APPLICATION TO A PROBLEM OF
 CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC JORDAN CURVE WITH
 EXISTENCE THEOREMS FOR LAGRANGE AND PONTRYAGIN PROBLEMS OF THE CALCULUS OF VARIATIONS AND OPTIMAL CONTROL MORE
 SMOOTH SPACES AND MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION
 EXISTENCE THEOREMS FOR MULTIDIMENSIONAL LAGRANGE PROBLEMS

AFOSR68-0137
 AFOSR67-1706
 AFOSR68-1875
 AFOSR68-1957
 AFOSR67-2550
 AFOSR68-1931
 AFOSR68-2007
 AFOSR68-1915

LAGRANGIAN

MASS-SPIN RELATION IN A LAGRANGIAN MODEL
 THE SELF-ADJOINTNESS FOR LAGRANGIAN SYSTEMS

AFOSR67-2100
 AFOSR68-1903

LAMARCK

LEVELS OF RESPONSIVENESS TO FOOD OR ITS ABSENCE AND THE VERTICAL LOBE CIRCUIT OF OCTOPUS VULGARIS LAMARCK

AFOSR68-0291

LAMBDA

THE SOLAR LINE AT LAMBDA 8548 ANGSTROMS INTERPRETED AS CN
 UTILIZATION OF THE LAMBDA FUNCTIONS IN THE ANALYSIS AND SYNTHESIS OF MONOPULSE ANTENNA DIFFERENCE PATTERNS
 INFINITE VOLUME LIMIT OF LAMBDA PHI-A FIELD THEORY
 REMEASUREMENT OF THE CONVERSION CONSTANT LAMBDA

AFOSR67-1096
 AFOSR68-0838
 AFOSR68-1264
 AFOSR68-2722

LAMBDA-METHOD

THE LAMBDA-METHOD FOR LINEAR BOUNDARY VALUE PROBLEMS

AFOSR67-0975

LAMBDA-METER

PART I RESEARCH ON THE HETEROGENEOUS STRUCTURE OF THE SOLAR ATMOSPHERE A PROGRESS REPORT 1964-6 PART II LAMBDA-METER NO

AFCL67-0094

LAMELLAR

WAVE PROPAGATION IN LAMELLAR COMPOSITE MATERIALS

AFOSR68-2290

LAMINAR

LAMINAR SEPARATION IN SUPERSONIC AND HYPERSONIC FLOWS FINAL REPORT SEPT 1966
 LAMINAR BOUNDARY-LAYER SEPARATION AND NEAR-WAKE FLOW FOR A SMOOTH BLUNT BODY AT SUPERSONIC AND HYPERSONIC SPEEDS
 LAMINAR SEPARATION IN HYPERSONIC FLOWS FINAL REPORT SEPT 1967
 LAMINAR PARALLEL PLATE FLOW WITH ARBITRARY THERMAL CONDITIONS FINAL REPORT JAN 1967
 LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL BLUNT BASE FROM THE HIGH ENTHALPY FLOW IN THE SHOCK TUBE
 LAMINAR BOUNDARY-LAYER FLOW WITH MASS TRANSFER
 LAMINAR HEAT TRANSFER TO A TWO DIMENSIONAL BLUNT FLAT NOSED BODY IN TRANSONIC AND SUPERSONIC FLOW
 LAMINAR AND TRANSITIONAL HEAT TRANSFER IN THE TWO DIMENSIONAL SEPARATED FLOW BEHIND A SHARP PROTRUDING LEADING EDGE
 LAMINAR FLOW ALONG A VERTICAL WALL
 PLANE LAMINAR JET
 THEORY OF LAMINAR VISCOUS-INVISCID INTERACTIONS IN SUPERSONIC FLOW
 HYPERSONIC LAMINAR SEPARATION IN MINUTELY BLUNTED CONES IN SLIP FLOW
 COMPRESSIBLE LAMINAR MAGNETOHYDRODYNAMIC BOUNDARY LAYER FLOW INSIDE A FLAT DUCT WITH HEAT TRANSFER
 COMPRESSIBLE LAMINAR SKIN-FRICTION LAW
 SOLUTIONS OF LAMINAR BOUNDARY EQUATIONS WITH EMPHASIS ON SEPARATION, PART I - EXACT METHODS, PART II - INTEGRAL
 INCOMPRESSIBLE LAMINAR BOUNDARY LAYER PAST ELLIPTICAL BODIES
 INCOMPRESSIBLE LAMINAR SKIN-FRICTION LAW
 SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER BY THE GKO MULTIMOMENT METHOD, FINAL REPORT MAR
 CONSTANT-PRESSURE LAMINAR MIXING OF A SHEAR LAYER WITH A QUIESCENT FLUID
 INTERACTION OF THE LAMINAR BOUNDARY LAYER WITH FREE-STREAM TURBULENCE
 HEAT TRANSFER IN THE LAMINAR SUPERSONIC SEPARATED FLOW BEHIND AN AXISYMMETRICAL BACKWARD FACING STEP
 APPROXIMATE SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER
 A NUMERICAL SOLUTION FOR THE LAMINAR WAKE BEHIND A FINITE FLAT PLATE
 ELECTRICAL CONDUCTION FROM A LAMINAR ARC HEATED FLOW TO A COOLED CYLINDRICAL ANODE FINAL REPORT JULY 1967
 MOMENTUM AND HEAT TRANSFER IN LAMINAR FLOW OF GAS WITH LIQUID DROPLET SUSPENSION OVER A CIRCULAR CYLINDER
 FINITE DIFFERENCE SOLUTION OF THE LAMINAR COMPRESSIBLE BOUNDARY LAYER EQUATIONS IN THE VON MISES VARIABLES WITH
 ON THE GKO MULTIMOMENT METHOD FOR LAMINAR BOUNDARY LAYERS
 INTERACTION OF A CHEMICALLY REACTING LAMINAR BOUNDARY LAYER AND AN ABLATING SURFACE PART I ANALYSIS
 THE INTERACTION OF A SHOCK WAVE WITH A LAMINAR BOUNDARY LAYER
 SIMILARITY SOLUTIONS FOR THE COMPRESSIBLE LAMINAR BOUNDARY LAYER WITH HEAT AND MASS TRANSFER
 EFFECT OF SURFACE ROUGHNESS ON AXISYMMETRICAL LAMINAR SEPARATED FLOWS AT M EQUALS 5.0
 ON A COEFFICIENT MULTI-MOMENT METHOD FOR THE LAMINAR BOUNDARY LAYER EQUATIONS
 AN INVESTIGATION OF THE EFFECT OF SUCTION ON HYPERSONIC LAMINAR BOUNDARY-LAYER SEPARATION
 A UNIFIED ANALYSIS OF MASS-TRANSFER EFFECTS ON CONFINED LAMINAR VORTEX FLOWS
 AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
 AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
 SIMPLIFIED VARIATIONAL AND PHYSICAL ANALYSIS OF HEAT TRANSFER IN LAMINAR AND TURBULENT FLOW
 AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF MASS TRANSFER ON A WEDGE INDUCED LAMINAR SEPARATED BOUNDARY LAYER AT
 LEADING-EDGE BLUNTNESS AND BOUNDARY-LAYER DISPLACEMENT EFFECTS ON ATTACHED AND SEPARATED LAMINAR BOUNDARY LAYERS IN A
 OPERATION INSTRUCTIONS AND DESCRIPTION OF COMPUTER PROGRAM FOR FINITE DIFFERENCE SOLUTIONS OF THE LAMINAR COMPRESSIBLE

AFOSR67-0615
 AFOSR67-2446
 AFOSR68-0231
 ARL 67-0003
 ARL 67-0121
 ARL 67-1254
 ARL 68-0014
 ARL 68-0015
 ARL 68-0309
 AFOSR68-0633
 AFOSR68-1569
 AFOSR67-1507
 AFOSR68-0598
 AFOSR68-1745
 ARL 67-0273
 AFOSR68-1746
 AFOSR68-1771
 ARL 67-0045
 AFOSR68-1567
 AFOSR68-0627
 ARL 68-0218
 ARL 68-0063
 AFOSR68-1018
 ARL 67-0147
 ARL 67-0288
 ARL 67-0050
 ARL 67-1069
 ARL 68-0020
 AFOSR68-1682
 ARL 67-0226
 AFOSR68-2568
 ARL 68-0040
 ARL 68-0054
 ARL 68-0071
 ARL 68-0047
 ARL 68-0189
 AFOSR68-0103
 ARL 67-0144
 ARL 68-1001
 ARL 67-0048

| | |
|--|--------------|
| LAMINATED | |
| EDGE HUCKLING OF A LAMINATED MEDIUM | AFOSR66-0488 |
| DISPERSION OF TIME-HARMONIC WAVES IN A LAMINATED PLATE | AFOSR66-1367 |
| LAMPS | |
| EXPERIMENTAL INVESTIGATION OF ELECTRODELESS DISCHARGE LAMPS AS EXCITATION SOURCES FOR ATOMIC FLUORESCENCE PLANE | AFOSR66-1803 |
| LANDAU | |
| LANDAU DAMPING AND GROWTH OF ELECTROSTATIC MODES WITH EFFECTS OF SPATIAL VARIATION | AFOSR67-2089 |
| LANDAU WAVES FINAL REPORT JAN 1967 | ARL 67-0012 |
| LANDAU WAVES | ARL 68-1063 |
| EXTINCTION OF LANDAU DAMPING, AND COLLISIONAL INSTABILITIES IN DANGSAUER GASES | ARL 68-1439 |
| NONLINEAR MAGNETO-OPTICS OF LANDAU ELECTRONS | AFOSR67-0171 |
| EXPERIMENTAL VERIFICATION OF LANDAU WAVES IN AN ISOTROPIC ELECTRON PLASMA | ARL 68-0340 |
| THEORY OF PLASMA TRANSDUCANCE DUE TO LANDAU WAVES | ARL 68-0338 |
| THE PROBLEM OF THE EXPERIMENTAL CONFIRMATION OF LANDAU DAMPING | AFOSR66-0636 |
| RAJAR THOMSON SCATTER STUDIES OF PHOTOELECTRONS IN THE IONOSPHERE AND LANDAU DAMPING | AFOSR66-1007 |
| LANDAIS | |
| EXPERIMENTAL VERIFICATION OF LANDAU'S DISPERSION RELATION | ARL 68-1062 |
| LANDING | |
| STRENGTH RESPONSE PARAMETERS OF NATURAL SOIL SURFACES AND THEIR APPLICATION TO THE LANDING PROBLEM OF AIRCRAFT | AFCL67-0563 |
| LANDIS-TYPE | |
| MATHEMATICAL ANALYSIS OF LANDIS-TYPE EXPERIMENTS ON THE TRANSPORT OF FLUID ACROSS THE WALLS OF CAPILLARY BLOOD VESSELS | AFOSR66-2356 |
| LANGMUIR | |
| LANGMUIR PROBES FOR DETERMINING IONOSPHERIC PARTICLE DENSITIES AND TEMPERATURES | AFCL66-0306 |
| THEORY OF LANGMUIR PROBE CHARACTERISTICS FOR A COLLISION DOMINATED PARTIALLY IONIZED GAS FINAL REPT FEB 1967 | AFAL 67-0001 |
| COMMENT ON THE USE OF LANGMUIR PROBES FOR LOW-DENSITY PLASMA DIAGNOSTICS | ARL 68-0094 |
| SPONTANEOUS SECOND HARMONICS FROM MODULATED LANGMUIR PROBES | AFAL 67-0323 |
| LANGMUIRS | |
| APPROXIMATE SOLUTIONS TO LANGMUIRS EQUATIONS | AFOSR66-2251 |
| LANGUAGE | |
| LANGUAGE IDENTIFICATION IN THE LIMIT | AFOSR67-2815 |
| A LANGUAGE FOR PATTERN RECOGNITION | AFOSR66-2003 |
| NATURAL LANGUAGE LEARNING BY COMPUTER | AFOSR66-1594 |
| SIMPLIFIED LANGUAGE FOR ABSTRACT MATHEMATICAL STRUCTURES | AFOSR66-2325 |
| SURVEY OF AUTOMATED LANGUAGE PROCESSING 1966 | AFCL67-0269 |
| ACOUSTIC FACTORS VERSUS LANGUAGE FACTORS IN SHORT-TERM MEMORY | AFOSR67-1822 |
| SYNTAX ANALYSIS BY A PRODUCTION LANGUAGE | AFOSR67-0254 |
| AN ADAPTIVE TREE PRUNING SYSTEM A LANGUAGE FOR PROGRAMMING HEURISTIC TREE SEARCHES | AFOSR66-0038 |
| PRITFACTORS AN EDUCATIONAL PROGRAMMING LANGUAGE | AFOSR66-1299 |
| SYNTAX DIRECTED INTERPRETATION OF NATURAL LANGUAGE | AFOSR67-1758 |
| AN INTRODUCTION TO COLI A COMPUTER DESCRIPTION LANGUAGE | AFCL67-0565 |
| FORMAL DEFINITION OF COLI A COMPUTER DESCRIPTION LANGUAGE | AFCL67-0588 |
| STUDY OF A COMPUTER FOR DIRECT EXECUTION OF LIST PROCESSING LANGUAGE FINAL REPORT JAN 1968 | AFCL66-0063 |
| COMPUTABLE SEMANTIC DERIVATIONS AND THEIR APPLICATION TO NATURAL LANGUAGE TEXTS | AFOSR66-0796 |
| LANGUAGES | |
| LANGUAGES AUTOMATA AND CLASSES OF CHAIN-ENCODED PATTERNS | AFOSR66-0794 |
| DERIVATION-BOUNDED LANGUAGES | AFCL66-0080 |
| SURVEY OF COMPUTER LANGUAGES FOR SYMBOLIC AND ALGEBRAIC MANIPULATIONS PROCEEDINGS OF IFIPS CONFERENCE ON SYMBOL | AFOSR67-0311 |
| ABSTRACT FAMILIES OF LANGUAGES | AFCL67-0363 |
| ABSTRACT FAMILIES OF LANGUAGES | AFCL66-0240 |
| THE ROLE OF ENGLISH, LANGUAGES AND SYMBOLS IN CHEMISTRY | ARL 68-1013 |
| A NOTE ON PRESERVATION OF LANGUAGES BY TRANSLATORS | AFCL67-0364 |
| SUBSTITUTION IN FAMILIES OF LANGUAGES | AFCL66-0592 |
| ONE-WAY REAL-TIME LIST-STORAGE LANGUAGES | AFCL67-0078 |
| CHECKING AUTOMATA AND ONE-WAY STACK LANGUAGES | AFCL66-0241 |
| A BASE FOR THE DEFINITION OF COMPUTER LANGUAGES | AFOSR66-0104 |
| A NOTE ON UNDECIDABLE PROPERTIES OF FORMAL LANGUAGES | AFCL67-0539 |
| A DATA DEFINITION FACILITY FOR PROGRAMMING LANGUAGES | AFOSR67-2045 |
| PARTIAL ALGORITHM PROBLEMS FOR CONTEXT FREE LANGUAGES | AFCL67-0024 |
| ON A FORMAL DEFINITION OF DIRECT MACHINE TOOL LANGUAGES | AFOSR66-2770 |
| CLOSURES WHICH PRESERVE FINITENESS IN FAMILIES OF LANGUAGES | AFCL67-0665 |
| ON THE PROBLEM OF DESCRIBING THE GRAMMAR OF NATURAL LANGUAGES | AFOSR67-2348 |
| LANTHANIDE | |
| VAPOR PRESSURES, HEATS OF VAPORIZATION, AND HEATS OF SUBLIMATION OF VOLATILE LANTHANIDE CHELATES | ARL 67-1120 |
| LANTHANIDES | |
| DATA-DIRECTED COMPOUNDS OF THE LANTHANIDES | ARL 68-1004 |
| LANTHANUM | |
| SUPERCONDUCTIVITY OF LANTHANUM AND LANTHANUM COMPOUNDS AT ZERO AND HIGH PRESSURE | AFOSR67-1213 |
| NUCLEAR MAGNETIC RELAXATION OF F-19 IN RARE EARTH DOPED LANTHANUM TRIFLUORIDE | AFOSR66-2471 |
| CLARIFICATION OF DISCREPANCIES IN THE CHARACTERIZATION OF LANTHANUM SERIES COMPLEXES OF 2,2,6,6-TETRAMETHYL-3,5- | ARL 67-0213 |
| LANTHANUM-ANTIMONY | |
| THE PHASE AB TWO IN THE TERNARY SYSTEMS LANTHANUM-ANTIMONY-TELLURIUM AND LANTHANUM-TIN-ANTIMONY | AFOSR67-1917 |
| LAPLACE | |
| THE LAPLACE TRANSFORM AND INITIAL-BOUNDARY VALUE PROBLEMS | AFOSR67-1265 |
| EXCEPTIONAL BOUNDARY PRINTS FOR THE NONDIVERGENCE EQUATION WHICH ARE REGULAR FOR THE LAPLACE EQUATION - AND VICE-VERSA | AFOSR66-2661 |
| LAPPING | |
| LAPPING MACHINE ATTACHMENT FOR PREPARING ORIENTED CRYSTALS | ARL 68-0248 |

LARGE

LARGE DEFLECTIONS OF AN AXIALLY COMPRESSED OVAL CYLINDRICAL SHELL
 LARGE APERTURE SEISMIC FLEMETTING SYSTEM FOR CENTRAL ALASKA
 LARGE VOLUME PULSED FIELD COILS APPLICATIONS TO SYNCHRONOUS PULSE OPERATION FROM 250 TO 500 KILOGAUSS
 LARGE AMPLITUDE ELECTROSTATIC WAVES IN A NON-EQUILIBRIUM PLASMA
 LARGE AMPLITUDE STABILIZATION OF PLUTonium GROWTH
 LARGE AND SMALL SCALE SENSITIVITY ANALYSIS OF OPTIMUM ESTIMATION ALGORITHMS
 A LARGE DYNAMIC RANGE MICROWAVE POWER MEASUREMENT SYSTEM EMPLOYING FEEDBACK
 THE LARGE AND SMALL OF LEARNING
 RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH FINAL REPORT FEB 1966
 FORM FACTORS AT LARGE MOMENTUM TRANSFER
 LEAK DETECTION OF LARGE PRESSURIZED SPHERICAL BALLOONS FINAL REPORT APR 1969
 SPIN PROPAGATION OF LARGE FLEXIBLE SATELLITES BY THE SOLAR RADIATION FIELD
 FLUID HELIX MAGNETS FOR LARGE VOLUME PULSED HIGH FIELDS
 A FORM REPRESENTING A LARGE COLLECTION OF RHINES
 CRITICAL DISEMPLOYMENT IN LARGE LINEAR SYSTEMS
 A LHM-SOURCE CORRELATOR FOR LARGE SPHERICAL REFLECTORS
 APPROXIMATE EIGENSYSTEMS OF LARGE COVARIANCE MATRICES
 SEISMOLOGICAL EVIDENCE OF SOME LARGE EARTHQUAKES IN THE REGION OF GREECE
 DIAGNOSTICS OF MAGNETOPLASMAS BY LARGE ANGLE LASER SCATTERING
 EXISTENCE AND NONEXISTENCE IN THE LARGE OF SOLUTIONS OF QUASILINEAR WAVE EQUATIONS
 INTEGRATED VARIABLE CAPACITORS FOR LARGE CAPACITANCE VARIATIONS
 THEORETICAL STUDY OF THE RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH FINAL REPORT FEB
 HIGH WALL COEFFICIENT EXPERIMENTS IN A LARGE DISK GENERATOR
 RESEARCH ON FLUID DYNAMICAL MODELS OF THE LARGE SCALE ATMOSPHERIC CIRCULATIONS FINAL REPORT APR 1967
 SMOOTHNESS PROPERTIES OF PERIODIC SOLUTIONS IN THE LARGE OF NONLINEAR HYPERBOLIC DIFFERENTIAL SYSTEMS
 SOME RESULTS GIVING RATES OF CONVERGENCE IN THE LAW OF LARGE NUMBERS FOR WEIGHTED SUMS OF INDEPENDENT RANDOM VARIABLES
 STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360
 ON THE FLEXURE OF AN INFINITE ELASTIC PLATE CONTAINING A LARGE UNSTRESSED CIRCULAR HOLE
 ERROR DETECTING AND ERROR CORRECTING INDEXING SYSTEMS FOR LARGE SERIAL NUMBERS
 THE PRESSURE-FLOW RELATIONSHIP IN LONG-WAVE PROPAGATION IN LARGE ARTERIES
 AN EXPERIMENTAL STUDY OF SOME CASE INJECTION TECHNIQUES AND THE EFFECT OF LARGE PRESSURE GRADIENTS ON TURBULENT
 CORRELATION BETWEEN OPTICAL AND RADIO EMISSION FROM EXTENSIVE AIR SHOWERS AT LARGE ZENITH ANGLES
 A RELATION BETWEEN MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
 SOME RESULTS RELATING MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
 NATURAL CONVECTION FROM A HORIZONTAL CYLINDER IN THE PRESENCE OF A SOUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS

AFOSR67-2067
 AFOSR67-2151
 AFOSR67-2374
 AFOSR67-0743
 AFOSR67-1174
 AFOSR67-2027
 AFOSR67-0886
 AFOSR67-0823
 AFOSR67-2086
 AFOSR67-1587
 AFOSR67-0203
 ARL 66-1097
 AFOSR67-1836
 AFOSR67-2163
 AFOSR67-1526
 AFOSR67-0142
 AFOSR67-0392
 AFOSR67-0097
 ARL 67-0020
 AFOSR67-0916
 AFOSR67-0130
 AFOSR67-0866
 ARL 66-1192
 AFOSR67-0166
 AFOSR67-1902
 AFOSR67-0942
 AFOSR67-0763
 AFOSR67-0816
 AFOSR67-1109
 AFOSR67-0590
 ARL 66-0160
 AFOSR67-1324
 AFOSR67-0941
 AFOSR67-2410
 ARL 66-0048

LARGE-ANGLE

SPECULATIONS CONCERNING LARGE-ANGLE MESON-NUCLEON SCATTERING AT HIGH ENERGIES

AFOSR67-1442

LARGE-SCALE

OBSERVATIONS OF LARGE-SCALE COHERENT PULSATING ELECTRON PRECIPITATION EVENTS IN THE AURORAL ZONE ACCOMPANIED BY

AFOSR67-1314

LASA

LASA DATA SERVICE FINAL REPORT MAY 1968

AFOSR67-2151

LASER

LASER DAMAGE A SELECTED LITERATURE SURVEY
 LASER LOG OSCILLOMETER SYSTEM FINAL REPORT JUNE 1967
 LASER CAVITIES PART I RESEARCH ON OPEN RESONATORS FINAL REPORT MAY 1968
 LASER FLASH HEATING TECHNIQUES FOR ATOMIC ABSORPTION SPECTROSCOPY
 LASER AND MICROWAVE INTERFEROMETRIC STUDY OF RECOMBINATION IN A HIGHLY IONIZED HELIUM PLASMA
 LASER Q - SWITCHING SYSTEMS
 LASER OSCILLATION IN ATOMIC Cl IN HCl GAS DISCHARGES
 LASER OSCILLATION ON ELECTRONIC TRANSITIONS IN NEUTRAL NSUB2 AND CO
 LASER TEMPERATURE-JUMP STUDIES OF FAST REACTIONS FINAL REPORT NOV 1967
 LASER INDUCED ELECTRICAL BREAKDOWN AND SHOCK DYNAMICS IN SUPER-HIGH PRESSURE GASES
 LASER PHOTOLYSIS AND SPECTROSCOPY IN THE NANOSECOND TIME RANGE EXCITED SINGLET STATE ABSORPTION IN CORDONENE
 LASER DOPPLER FLOW METER
 LASER DIAGNOSTICS OF PLASMAS
 GAS LASER STUDIES IN THE 100 TO 1 000 MICRON RANGE FINAL REPORT DEC 1966
 GAS LASER STUDIES IN THE 100 TO 1000 MICRON RANGE FINAL REPORT SEPT 1967
 POLYMER LASER RADIATION SOURCE
 A UNIQUE LASER DETECTOR UTILIZING THE PHOTOELECTRIC EFFECT IN COOLED SEMICONDUCTORS
 USE OF THE LASER AS AN ENERGY SOURCE IN FLUID MECHANICS
 GIANT PULSE LASER ACTION AT 77 DEGREE K
 CONFERENCE OF LASER RADIATION
 FAR-INFRARED LASER POWER MEASUREMENTS
 INTERACTION OF LASER RADIATION WITH GASES
 EXPERIMENTS ON LASER INTERACTION WITH MATTER /FROZEN HYDROGEN/
 INVESTIGATION OF LASER RADIATION SIMULATION FOR MICROELECTRONIC DEVICE HARDENING FINAL REPORT JAN 1967
 A NEW PULSED ION LASER TRANSITION IN NITROGEN AT 3995 A
 A PHOTOGRAPHY OF LASER APPLICATIONS
 QUANTUM THEORY OF LASER OSCILLATION I
 QUANTUM THEORY OF LASER OSCILLATION II
 THEORY OF A ZEEMAN LASER I
 THEORY OF A ZEEMAN LASER II
 STUDIES FOR A GEODETIC LASER SYSTEM FINAL REPORT MAY 1967
 A THEORETICAL STUDY OF LASER OSCILLATION FINAL REPORT JAN 1968
 MULTIPLE SCATTERING OF LASER LIGHT IN THE ATMOSPHERE FINAL REPORT JULY 1968
 POPULATION INVERSION AND LASER OSCILLATION IN ATOMIC AND MOLECULAR GASES
 CORRELATION MEASUREMENTS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
 SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
 SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
 INFLUENCE OF BEAM ON COORDINATE LASER PLASMAS
 BEAM-FIELD KINETIC EQUATIONS FOR A LASER
 CIS-TRANS ISOMERIZATION AND PULSED LASER STUDIES OF SUBSTITUTED INDIGO DYES
 GAIN CHARACTERISTICS OF A WATER VAPOR LASER
 DYNAMICS OF OPTICAL MIXING IN A HE-NE LASER
 INVESTIGATION OF PHASE DISTRIBUTION OF LASER FINAL REPORT DEC 1967
 SELF-LOCKING OF MODES IN THE ARGON-ION LASER
 MACH-ZEHNDER OPTICAL INTERFEROMETRY OF LASER INDUCED DISCHARGES IN HIGH PRESSURE GASES
 PASSIVE Q-SWITCHING OF A CARBON DIOXIDE LASER
 SONIC DETECTION OF A PULSED WATER VAPOR LASER
 RADIAL DRIFT VELOCITIES IN THE ARGON ION LASER
 WOOD SELECTOR PROPERTIES OF A MANY-ELEMENT LASER
 AN EXPERIMENTAL TEST OF PROPOSED WATER-VAPOR LASER TRANSITION ASSIGNMENTS
 DIAGNOSTICS OF MAGNETOPLASMAS BY LARGE ANGLE LASER SCATTERING
 REFLECTION EFFECTS IN A HIGH GAIN 3.39U HE-NE LASER APPLICATION TO THE LASER HETERODYNE MEASUREMENT OF PLASMA DENSITY
 OPTICAL MIXING IN THE ATOMIC STATES OF A HE/NE LASER
 SCATTERING AND REFLECTION OF LIGHT FROM AIRBORNE LASER SYSTEMS
 INVESTIGATION OF CRYSTAL IMPERFECTIONS BY MEANS OF LASER LIGHT SCATTERING
 PRESSURE MODULATING EFFECTS ON THE OUTPUT OF A GAS LASER

AFOSR67-0137
 AFOSR67-0399
 AFOSR67-0532
 AFOSR67-0287
 AFOSR67-0065
 AFOSR67-0763
 AFOSR67-1124
 AFOSR67-1588
 AFOSR67-2800
 AFOSR67-1613
 ARL 66-0144
 ARL 66-1134
 ARL 66-1448
 AFOSR67-0689
 AFOSR67-2328
 AFOSR67-0130
 AFOSR67-2138
 ARL 67-1231
 AFOSR67-0069
 AFOSR67-0035
 AFOSR67-1186
 ARL 67-1229
 ARL 68-1304
 AFOSR67-0102
 AFOSR67-0764
 AFOSR67-0223
 AFOSR67-0511
 AFOSR67-0244
 AFOSR67-1105
 AFOSR67-1106
 AFOSR67-0229
 AFOSR67-0361
 AFOSR67-0367
 AFOSR67-0389
 AFOSR67-0626
 AFOSR67-0515
 AFOSR67-2773
 ARL 66-0117
 AFOSR67-0400
 AFOSR67-0459
 AFOSR67-2895
 ARL 66-0033
 AFOSR67-0243
 AFOSR67-1277
 AFOSR67-1570
 AFOSR67-1184
 AFOSR67-2446
 AFOSR67-2630
 AFOSR67-0066
 AFOSR67-2628
 ARL 67-0020
 ARL 66-0135
 ARL 67-0264
 AFOSR67-0479
 AFOSR67-0646
 AFOSR67-1978

LASER

- CONTINUED

THE RADIAL PROFILE OF NEON IS METASTABLE IN A HE-NE LASER AND THEIR LENS EFFECT ON LASING AT 6401A
 THEORY OF THE INTERFERENCE-MAGNETOOPTICAL SEMICONDUCTOR LASER
 RESONANCE-RADIATION-TRAPPING EFFECTS IN A PULSED-ION LASER
 INVESTIGATION OF STANDING BLAST WAVES AND THE DYNAMICS OF LASER-INDUCED PLASMAS IN HIGH PRESSURE GASES
 NONLINEAR AND ANISOTROPIC EFFECTS IN MAGNETICALLY TUNED LASER AMPLIFIERS
 TRANSIENT INTERFERENCE STUDIES IN PASSIVELY Q-SWITCHED RUBY LASER EMISSION
 VELOCITY-SPACE INSTABILITIES IN A SIMULATED FUSION PLASMA AND LASER GENERATION OF PLASMA FINAL REPORT JUNE 1968
 STUDIES OF RADIATIONLESS TRANSITIONS IN CRYSTALS USING NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY
 MULTIPLE ACOUSTIC DIFFRACTION TECHNIQUES FOR FREQUENCY SHIFTING OF LASER SOURCES
 TEMPERATURES, LONGITUDINAL WIDTHS AND DRIFT VELOCITIES IN THE ARGON-ION LASER
 DIRECT ELECTRON EXCITATION CROSS SECTIONS PERTINENT TO THE ARGON-ION LASER
 DIFFUSION EFFECTS IN A HIGH GAIN 1.39u HE-NE LASER APPLICATION TO THE LASER HETERODYNE MEASUREMENT OF PLASMA DENSITY
 EXCITED SINGLET ABSORPTION IN 1,2-DIBENZANTHRAcene BY THE USE OF NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY
 INVESTIGATION OF THE VARIABLES CONTROLLING THE FLUX GROWTH OF HIGH QUALITY LASER CRYSTALS FINAL REPORT MAR 1967
 TEMPORAL COHERENCE AND FREQUENCY VS TIME CHARACTERISTICS OF A Q-SWITCHED RUBY LASER
 SPECTROSCOPIC CONSIDERATIONS OF CHROMIUM DOPED LITHIUM GERMANATE AS A POSSIBLE LASER MATERIAL
 ARL 68-1444
 AFOSR67-0570
 AFOSR68-2574
 AFOSR68-0832
 AFOSR68-0871
 AFOSR68-0444
 AFOSR68-1796
 ARL 68-1123
 AFOSR67-0439
 AFOSR67-0323
 AFOSR67-2617
 ARL 68-0135
 ARL 68-0325
 AFOSR67-0196
 AFOSR67-0052
 AFOSR68-0370

LASER-DRIVEN
 LASER-DRIVEN DETONATION WAVES IN GASES
 A LASER-DRIVEN IMPLSION FOR GENERATING VERY HIGH TEMPERATURES
 ARL 67-0203
 ARL 67-0134

LASER-INDUCED
 BREAKDOWN MECHANISMS FOR LASER-INDUCED DISCHARGES IN SUPER-HIGH PRESSURE GASES
 ACCELERATION OF MICROPARTICLES BY LASER-INDUCED VAPOR EMISSION
 AFOSR67-2497
 AFOSR68-1358

LASERS
 RAMAN LASERS USING SECONDARY RAMAN LINES
 ARGON-ION LASERS
 GIANT PULSE LASERS
 LOSSES IN RUBY LASERS THE SPHERICAL-MIRROR FARRY-PEROT INTERFEROMETER FINAL REPORT DEC 1967
 PROPERTIES OF GAS LASERS FINAL REPORT APRIL 1968
 DISCHARGE PROCESSES IN GAS LASERS
 OPTICAL INTERACTIONS IN RUBY LASERS FINAL REPORT FEB 1967
 QUANTUM THEORY OF INTERNALLY MODULATED LASERS
 SOME OF THE LATEST DISCOVERIES IN II-VI LASERS AND THEIR POTENTIAL APPLICATION IN SUCH AREAS AS LOW INTENSITY RADAR
 MODE-LOCKING AND MODE PROPERTIES OF OPTICAL LASERS FINAL REPORT MAR 1967
 ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION
 INVESTIGATION OF MODE-LOCKING AND CERTAIN OTHER MECHANISMS IN LASERS AND THEIR IMPLICATIONS FINAL REPORT JUNE 1968
 THEORETICAL STUDY OF THE INTERACTION OF RADIATION AND MATTER IN GASEOUS AND SOLID LASERS FINAL REPORT FEB 1968
 AFOSR67-0341
 AFOSR68-1018
 ARL 68-1132
 AFOSR68-0861
 AFOSR68-0969
 ARL 68-1138
 AFOSR67-0194
 AFOSR67-0119
 ARL 67-1313
 AFOSR67-0084
 AFOSR67-1766
 AFOSR68-0234
 AFOSR68-0106

LASING
 LASING TRANSITIONS IN II-VI COMPOUND SEMICONDUCTORS
 THE LASING TRANSITIONS OF CO₂
 THE RADIAL PROFILE OF NEON IS METASTABLE IN A HE-NE LASER AND THEIR LENS EFFECT ON LASING AT 6401A
 ARL 68-1061
 ARL 67-1083
 ARL 67-1444

LATE
 FREQUENCY ANALYSIS OF THE LATE RECEPTOR POTENTIAL
 NEAR INFRARED PHOTOMETRY OF LATE TYPE STARS
 AFOSR68-2689
 AFOSR68-0042

LATE-TYPE
 NEUTRAL OXYGEN IN LATE-TYPE STARS
 THE INFLUENCE OF WATER-VAPOR OPACITY AND THE EFFICIENCY OF CONVECTION ON MODELS OF LATE-TYPE STARS
 AFOSR67-1332
 AFOSR68-0116

LATENCY
 STUDIES WITH RATS I. BRAIN MECHANISM IN FEAR SUPPRESSION II. COMPLEXITY AND STIMULUS CHOICE III. ACQUISITION LATENCY AND
 ARL 67-0012

LATERAL
 LATERAL INTERACTION AND TRANSFER IN THE TACTILE MEMORY OF THE OCTOPUS
 TRANSFER PROPERTIES OF THE LATERAL GENICULATE BODY
 OUTPUT-TO-INPUT RELATIONSHIPS IN LATERAL GENICULATE AND VISUAL CORTX
 RELATION BETWEEN CREEPING WAVES AND LATERAL WAVES ON A CURVED INTERFACE
 BUCKLING OF CYLINDRICAL PANELS UNDER LATERAL PRESSURE
 THE EFFECT OF A UNIFORMLY DISTRIBUTED LATERAL LOAD UPON THE BUCKLING OF A CONTINUOUSLY SUPPORTED BEAM
 AUDITORY RESPONSES OF NEURONES IN THE LATERAL MESENCEPHALIC NUCLEUS /INFERIOR COLICULUS/ OF THE BARRARY DOVE
 DEPOLARIZATION OF OPTIC FIBER ENDINGS IN THE LATERAL GENICULATE BODY
 THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE NUCLEUS AFTER STIMULATION OF VISUAL CORTX
 A METHOD FOR RESTRICTING STIMULI TO THE FRONTAL OR LATERAL VISUAL FIELD OF EACH EYE SEPARATELY IN PIGEON
 BINCULAR OCCIPITAL INTERACTION UPON FIBER ENDINGS IN THE LATERAL GENICULATE NUCLEUS OF THE CAT
 RELATIONSHIP BETWEEN CORTICAL ACTIVITY AND THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE BODY
 AFOSR68-0287
 AFOSR67-2543
 AFOSR67-0877
 AFOSR68-0093
 AFOSR68-1934
 AFOSR67-1308
 AFOSR68-0607
 AFOSR68-2700
 AFOSR67-2539
 AFOSR67-2112
 AFOSR67-2537
 AFOSR67-2544

LATEST
 SOME OF THE LATEST DISCOVERIES IN II-VI LASERS AND THEIR POTENTIAL APPLICATION IN SUCH AREAS AS LOW INTENSITY RADAR
 ARL 67-1313

LATIN
 PRIMERAS JORNADAS LATINO AMERICANAS DE ACOUSTICA /FIRST LATIN AMERICAN SYMPOSIUM ON ACOUSTICS CORDOBA ARGENTINA 17-23 MAY
 AFOSR67-1954

LATITUDE
 THE TROUGH SEEN IN HIGH LATITUDE OBSERVATIONS OF THE IONOSPHERIC ELECTRON CONTENT
 VARIATIONS WITH SEASON AND LATITUDE OF DENSITY TEMPERATURE AND COMPOSITION IN THE LOWER THERMOSPHERE
 SOLAR DAILY VARIATION MEASURED AT A LOW LATITUDE STATION BY EAST AND WEST POINTING TELESCOPES DURING PERIODS OF
 AFOSR67-0175
 AFOSR67-0161
 AFOSR67-0794

LATITUDES
 Q-REGION PROCESSES IN NON-POLAR LATITUDES
 SATELLITE SCINTILLATION AT HIGH LATITUDES AND ITS POSSIBLE RELATION TO PRECIPITATION OF SOFT PARTICLES
 TOTAL ELECTRON CONTENT MEASUREMENTS AT HIGH LATITUDES FINAL REPORT JAN 1967
 AN EXPERIMENT IN NUMERICAL PRECIPITATION IN EQUATORIAL LATITUDES
 DIAGNOSTIC STUDIES OF WEATHER SYSTEMS OF LOW AND HIGH LATITUDES /ROSSBY NUMBER 12/ FINAL REPORT APRIL 1967
 AFOSR67-0418
 AFOSR68-0245
 AFOSR67-0356
 AFOSR68-0453
 AFOSR67-0128

LATITUDINAL
 NEW MODE ATMOSPHERES GIVING LATITUDINAL AND SEASONAL VARIATIONS IN THE THERMOSPHERE
 AFOSR67-0330

LATTICE

LATTICE DYNAMICS AND THERMAL PROPERTIES OF LITHIUM HYDRIDE AND LITHIUM DEUTERIDE CRYSTALS
 LATTICE PARAMETERS OF IRON-RICH IRON-GALLIUM ALLOYS
 LATTICE DEFECTS IN STAINLESS STEEL SHOCK-LOADED TO PRESSURES ABOVE 1 MEGABAR
 LATTICE DYNAMICS OF WURTZITE/CDM
 LATTICE DYNAMICS AND PROPERTIES OF COS WURTZITE
 LATTICE PARAMETERS AND GROWTH CHARACTERISTICS OF SOME II-VI SEMICONDUCTING COMPOUNDS
 A LATTICE THEORETICAL ANALOGUE OF THE SCHUR LEMMA
 SURFACE LATTICE DYNAMICS OF SILVER I LOW-ENERGY ELECTRON DEBYE-WALLER FACTOR
 SURFACE LATTICE DYNAMICS OF SILVER II LOW-ENERGY ELECTRON THERMAL DIFFUSE SCATTERING
 THEORY OF LATTICE RAMAN EFFECT IN INSULATORS
 THEORY OF I R LATTICE VIBRATION ABSORPTION BY GAP MODES AND RESONANCE MODES IN KI
 OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS
 OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS
 FERROELECTRICITY AND LATTICE ANHARMONICITY
 SUPERCONDUCTIVITY AND LATTICE PARAMETERS IN FACE-CENTERED CUBIC PLATINUM TUNGSTEN AND PALLADIUM TUNGSTEN SOLID
 MICROSCOPIC THEORY OF LATTICE RAMAN SCATTERING IN CRYSTAL CONTAINING IMPURITIES
 EMPIRICAL AND THEORETICAL STUDY OF LATTICE DYNAMICS FINAL REPORT SEPT 1967
 LOCAL MODES AND RESONANCE SCATTERING OF LATTICE WAVES DUE TO POINT DEFECTS OPTICAL AND THERMAL PROPERTIES OF IMPERFECT
 A COMPUTER PROGRAM FOR CALCULATING SECTIONS OF THE RECIPROCAL LATTICE OF ANY CRYSTAL SYSTEM
 SIMULTANEOUS APPROXIMATION IN GAIN AND PHASE OF TWO-PORTS USING LATTICE OF PARALLELED RESONATORS

AFOSR67-1127
 AFOSR67-1224
 AFOSR68-0629
 ARL 67-0267
 ARL 67-1202
 ARL 68-0252
 AFOSR68-1221
 AFOSR67-0533
 AFOSR67-2478
 ARL 67-1322
 AFOSR68-1472
 ARL 68-0139
 ARL 68-0104
 AFOSR68-1001
 AFOSR68-1804
 ARL 68-1414
 AFOSR67-0889
 AFOSR68-1094
 ARL 68-0201
 AFOSR67-0862

LATTICE-VIBRATION

TEMPERATURE DEPENDENCE OF THE WIDTH OF THE FUNDAMENTAL LATTICE-VIBRATION ADSORPTION PEAK IN IRONIC CRYSTALS II

AFOSR68-0921

LATTICES

MOL IONIC LATTICES THE ORGANIC SEMICONDUCTORS TMD/CIO4 AND TMD/CHLORANIL FINAL REPORT MAY 1967
 THE DYNAMICS OF CRYSTAL LATTICES WITH DEFECTS

AFOSR67-0854
 ARL 68-1154

LAUNCH

THE /C/ LAUNCH TECHNIQUE FOR HIGH-ALTITUDE BALLOONS
 THEORETICAL AND EXPERIMENTAL STUDIES OF INFRARED EMISSION DURING THE LAUNCH PHASE /U/ FINAL REPORT DEC 1966

AFOSR67-0672
 AFOSR67-0173

LAUNCHER

IMPLSION DRIVEN HYPERVELOCITY LAUNCHER PERFORMANCE USING GASEOUS DETONATION WAVES
 PERFORMANCE ANALYSIS OF UTIAS IMPLSION-DRIVEN HYPERVELOCITY LAUNCHER
 THE APPLICATION OF IMPLSION WAVE DYNAMICS TO A HYPERVELOCITY LAUNCHER, FINAL REPORT DEC 1967

ARL 67-0278
 ARL 68-0018
 ARL 67-0220

LAUNCHING

SPHERICAL-IMPLSION LAUNCHING TECHNIQUE
 FLIGHT CONTROL SYSTEMS AND LAUNCHING TECHNIQUES FOR AIR BALLAST SYSTEMS

ARL 67-1211
 AFOSR67-0679

LAWS

LAWS OF LEARNING FINAL REPORT AUG 1968
 RELATIVISTIC TRANSFORMATION LAWS FOR THERMODYNAMICAL VARIABLES WITH APPLICATION TO THE CLASSICAL ELECTRON THEORY
 WEAK SOLUTIONS OF CONSERVATION LAWS IN GENERAL RELATIVITY
 MOTHER EQUATIONS AND CONSERVATION LAWS
 EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART I
 EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART II
 KORTWEG-DE VRIES EQUATION AND GENERALIZATIONS II EXISTENCE OF CONSERVATION LAWS AND CONSTANTS OF MOTION

AFOSR68-1667
 AFOSR67-0192
 AFOSR68-0204
 AFOSR68-0113
 ARL 68-1346
 ARL 68-1367
 AFOSR68-2381

LAX-WENDROFF

THE LAX-WENDROFF METHOD APPLIED TO AXIAL SYMMETRIC SWIRL FLOW

ARL 67-1270

LAYER

TWO LAYER ABLATION AT AN ARISYMMETRIC STAGNATION POINT
 BOUNDARY LAYER TRANSITION ON CONES AND SPHERES AT SUPERSONIC SPEEDS-EFFECTS OF ROUGHNESS AND COOLING
 BOUNDARY LAYER INSTABILITY ON SWEPT WINGS /GERMAN/
 THE THIN LAYER APPROXIMATION IN HYPERSONIC VISCOUS FLOW THEORY FINAL REPORT MARCH 1968
 BOUNDARY LAYER CHARACTERISTICS FOR HYPERSONIC FLOW WITH AND WITHOUT MASS ADDITION, FINAL REPORT JAN 1968
 ON MHD BOUNDARY LAYER APPROXIMATION METHODS
 ON MHD BOUNDARY LAYER APPROXIMATION METHODS
 RADIATION COUPLED SHOCK LAYER INCLUDING UPSTREAM ABSORPTION EFFECTS
 THE GENERATION OF A BOUNDARY LAYER IN HYDRODYNAMICS
 AN OPTICALLY TRANSPARENT THIN LAYER ELECTROCHEMICAL CELL
 NON-IDEAL MGO FLOWS IN BOUNDARY LAYER APPROXIMATION
 A SHEAR-FREE TURBULENT BOUNDARY LAYER
 EFFECT OF A MAGNETIC FIELD ON A LAYER OF FREE SURFACE MERCURY
 INCOMPRESSIBLE LAMINAR BOUNDARY LAYER PAST ELLIPTICAL BODIES
 THE NUMERICAL SOLUTION OF BOUNDARY LAYER PROBLEMS
 A SURVEY OF HIGHER-ORDER BOUNDARY LAYER THEORY
 DIRECT MEASUREMENT OF THE DEPLETION LAYER WIDTH VARIATION VS APPLIED BIAS FOR A P-N JUNCTION
 INTERACTION OF THE LAMINAR BOUNDARY LAYER WITH FREE-STREAM TURBULENCE
 RAY-TRACING OF THE Z-MODE IN A TILTED LAYER IONOSPHERE FINAL REPORT JAN 1968
 AN APPROXIMATE SOLUTION OF THE BOUNDARY LAYER EQUATIONS USING THE METHOD OF PARAMETRIC DIFFERENTIATION
 AN EXPERIMENTAL STUDY OF TURBULENT BOUNDARY LAYER ON ROUGH WALLS
 CONSTANT-PRESSURE LAMINAR MIXING OF A SHEAR LAYER WITH A QUIESCENT FLUID
 AN APPROXIMATE SOLUTION OF VON NISES BOUNDARY LAYER EQUATION
 ON THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER THEORY AN EXAMPLE
 COMPRESSIBLE LAMINAR MAGNETOHYDRODYNAMIC BOUNDARY LAYER FLOW INSIDE A FLAT DUCT WITH HEAT TRANSFER
 A STUDY OF THE STRUCTURE OF THE TURBULENT BOUNDARY LAYER WITH AND WITHOUT LONGITUDINAL PRESSURE GRADIENTS
 A COMPUTER STUDY OF AN ANALYTICAL MODEL OF BOUNDARY LAYER TRANSITION
 QUASILINEARIZATION TECHNIQUE FOR SOLUTION OF BOUNDARY LAYER EQUATIONS
 SHOCK GENERATORS IN THE HYPERSONIC TURBULENT BOUNDARY LAYER
 INTERACTION OF A CHEMICALLY REACTING LAMINAR BOUNDARY LAYER AND AN ABLATING SURFACE PART I ANALYSIS
 THE INTERACTION OF A SHOCK WAVE WITH A LAMINAR BOUNDARY LAYER
 STUDIES OF NITRIC OXIDE CHEMILUMINESCENCE USING BOUNDARY LAYER APPROXIMATIONS FINAL REPORT APR 1968
 SIMILARITY SOLUTIONS FOR THE COMPRESSIBLE LAMINAR BOUNDARY LAYER WITH HEAT AND MASS TRANSFER
 STRUCTURE OF VELOCITY SPACE-TIME CORRELATIONS IN A BOUNDARY LAYER
 SIMILARITY SOLUTIONS FOR THE RETARDED COMPRESSIBLE BOUNDARY LAYER WITH HEAT AND MASS TRANSFER FINAL REPORT MARCH 1967
 PERTURBATION SOLUTIONS AND ASYMPTOTIC SOLUTIONS IN BOUNDARY LAYER THEORY
 ON A CONVERGENT MULTI-MOMENT METHOD FOR THE LAMINAR BOUNDARY LAYER EQUATIONS
 FINITE DIFFERENCE SOLUTION OF THE LAMINAR COMPRESSIBLE BOUNDARY LAYER EQUATIONS IN THE VON NISES VARIABLES WITH
 ASYMPTOTIC BEHAVIOR OF VELOCITY PROFILES IN THE PRANDTL BOUNDARY LAYER THEORY
 THEORETICAL AND EXPERIMENTAL STUDIES OF SHOCK WAVE-LAMINAR BOUNDARY LAYER INTERACTION IN THE STRONG INTERACTION REGIME
 THE TRANSFER OF HEAT ACROSS A TWO-DIMENSIONAL OSCILLATING BOUNDARY LAYER
 CONSIDERATIONS REGARDING THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER THEORY
 NUMERICAL EXPERIMENTS ON THE FORMATION OF A TORNADO FUNNEL IN THE BOUNDARY LAYER
 AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A HIGHLY COOLED TURBULENT BOUNDARY LAYER

ARL 68-0181
 AFOSR67-2048
 AFOSR67-2606
 AFOSR68-0742
 ARL 68-0002
 ARL 68-1252
 ARL 68-1473
 AFOSR68-0549
 AFOSR68-0253
 AFOSR68-0209
 AFOSR67-0992
 AFOSR67-2009
 AFOSR68-0229
 AFOSR68-1744
 AFOSR67-2048
 AFOSR67-2291
 AFOSR67-0364
 AFOSR68-0627
 AFOSR68-0099
 AFOSR67-1912
 AFOSR67-0420
 AFOSR68-1567
 ARL 67-0852
 AFOSR68-2053
 AFOSR68-0598
 AFOSR67-0685
 AFOSR68-0617
 AFOSR68-2407
 ARL 67-0186
 ARL 68-0029
 AFOSR68-1682
 AFOSR68-0143
 ARL 67-0226
 AFOSR67-0860
 ARL 67-0054
 ARL 68-0043
 ARL 68-0040
 ARL 67-0050
 AFOSR68-2111
 ARL 67-0112
 ARL 67-0290
 AFOSR68-1914
 AFOSR68-0625
 ARL 68-0091

LAYER

- CONTINUED

AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A HIGHLY COOLED TURBULENT BOUNDARY LAYER
 AN EXPERIMENTAL STUDY OF TURBULENCE PRODUCTION NEAR A SMOOTH WALL IN A TURBULENT BOUNDARY LAYER WITH ZERO
 THE EFFECT OF WALL TEMPERATURE ON THE LOW REYNOLDS NUMBER HYPERSONIC STAGNATION REGION SHOCK LAYER
 ENHANCEMENT OF DIFFUSION-LIMITED VAPORIZATION RATES BY CONDENSATION WITHIN THE THERMAL BOUNDARY LAYER I THE CRITICAL
 AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF MASS TRANSFER ON A WEDGE INDUCED LAMINAR SEPARATED BOUNDARY LAYER AT
 WORK DONE 1967/68 AT INNSBRUCK UNIVERSITY ON INSTABILITIES THE VLASOV EQUATION FARADAY GENERATORS AND BOUNDARY LAYER

ARL 68-0348
 AFOSR68-0383
 ARL 67-0076
 AFOSR68-1282
 ARL 67-0169
 AFOSR68-1323

LAYERED

SEISMIC EVIDENCE FOR A NEW LAYERED STRUCTURE OF THE EARTH'S CORE
 REFLECTION AND TRANSMISSION FROM A PLANE LAYERED CORE-MANTLE BOUNDARY
 DYNAMICS AND VIBRATIONS OF HOMOGENEOUS AND LAYERED PLATES AND SHELLS INCLUDING THOSE OF SANDWICH CONSTRUCTION FINAL
 THE FIELD FROM AN SH POINT SOURCE IN A CONTINUOUSLY LAYERED INHOMOGENEOUS HALF-SPACE II THE FIELD IN A HALF-SPACE

AFOSR67-2115
 AFOSR67-2117
 AFOSR67-2368
 AFOSR67-0678

LAYERS

IONIZING LAYERS IN THE PLASMA PROPULSION DEVICES
 BOUNDARY LAYERS AND TURBULENCE-INTERNATIONAL SYMPOSIUM ON BOUNDARY LAYERS AND TURBULENCE INCLUDING GEOPHYSICAL
 INSULATION BOUNDARY LAYERS IN A SUPERSONIC MAGNETOGASDYNAMIC CHANNEL
 VISCOUS AND THERMAL BOUNDARY LAYERS IN INCOMPRESSIBLE STEADY FLOWS ALONG LONGITUDINALLY CURVED SURFACES INCLUDING
 THE STRUCTURE OF TURBULENT BOUNDARY LAYERS
 ASYMPTOTIC SOLUTIONS OF VAKES AND BOUNDARY LAYERS
 VERTICAL MOVEMENT OF TEMPERATURE-ZONE SPORADIC F LAYERS
 PERTURBATIONS OF PLANE AND AXISYMMETRIC ENTROPY LAYERS
 ON THE GKO MULTIMOMENT METHOD FOR LAMINAR BOUNDARY LAYERS
 AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS USING THE TURBULENT KINETIC ENERGY EQUATION
 APPROXIMATE ANALYTIC SOLUTIONS FOR NONSIMILAR BOUNDARY LAYERS
 RECENT ADVANCES IN THE CALCULATION OF TURBULENT BOUNDARY LAYERS
 A FINITE-DIFFERENCE SOLUTION OF SIMILAR NONEQUILIBRIUM BOUNDARY LAYERS
 BOUNDARY LAYERS AND TURBULENCE-INTERNATIONAL SYMPOSIUM ON BOUNDARY LAYERS AND TURBULENCE INCLUDING GEOPHYSICAL
 PRELIMINARY ANALYTICAL EXPLORATIONS OF HEAT TRANSFER FROM BOUNDARY LAYERS CONTAINING STREAKWISE VORTICES. FINAL REPORT
 SIMILARITY SOLUTIONS FOR TWO-DIMENSIONAL STEADY VISCOUS AND BOUNDARY LAYERS
 MULTILAYER ENHANCEMENT OF MICROWAVE DIELECTRIC CONVERSION IN CAS-SIO LAYERS
 AMPLIPAR CARRIER TRANSPORT AND SURFACE RECOMBINATION VELOCITY IN SEMICONDUCTOR SURFACE LAYERS
 EXPERIMENTAL INVESTIGATION OF INTERACTIONS BETWEEN BLUNT FIN SHOCK WAVES AND ADJACENT BOUNDARY LAYERS AT MACH NUMBERS
 LEADING-EDGE BLUNTNESS AND BOUNDARY-LAYER DISPLACEMENT EFFECTS ON ATTACHED AND SEPARATED LAMINAR BOUNDARY LAYERS IN A

AFOSR67-2068
 AFOSR68-0265
 AFOSR68-1536
 ARL 68-0222
 AFOSR68-0448
 AFOSR68-2822
 AFOSR68-1120
 AFOSR68-0571
 ARL 67-1069
 AFOSR68-1568
 ARL 67-0131
 ARL 67-1067
 AFOSR68-0462
 AFOSR68-0285
 ARL 67-0280
 AFOSR68-1326
 AFOSR67-0017
 AFOSR67-2269
 ARL 68-0214
 ARL 68-1001

LEAD

SOME EARLY LEAD SALT DETECTOR DEVELOPMENTS FINAL REPORT MARCH 1968
 DIFFUSION OF LEAD IONS IN SODIUM CHLORIDE
 DIFFUSION OF LEAD IONS IN PURIFIED SODIUM CHLORIDE CRYSTALS
 BETA-DECAY OF RADIOACTIVE LEAD TETRAMETHYL
 SUPERCONDUCTIVITY AND PARTICLES SIZE IN HETEROGENEOUS COPPER LEAD ALLOY /GERMAN/
 FREE RADICALS IN THERMAL AND PHOTOCHEMICAL OXIDATIVE DECARBOXYLATIONS WITH LEAD /IV/

AFOSR68-0264
 AFOSR67-1499
 AFOSR68-1834
 AFOSR67-2378
 AFOSR67-0159
 AFOSR68-2510

LEAD-BASED

ELECTRON AND PHONON EFFECTS IN SUPERCONDUCTING FCC LEAD-BASED ALLOYS

AFOSR67-1773

LEAD-INDIUM

TRANSITION TEMPERATURE OF LEAD-INDIUM AND LEAD-THALLIUM ALLOYS

AFOSR68-1558

LEAD-THALLIUM

TRANSITION TEMPERATURE OF LEAD-INDIUM AND LEAD-THALLIUM ALLOYS

AFOSR68-1558

LEADERS

EMERGENT LEADERS IN DEVELOPING NATIONS FINAL REPORT APRIL 1968

AFOSR68-0752

LEADERSHIP

LEADERSHIP BEHAVIOR OF AIR FORCE ROTC CADETS
 ROLE STRUCTURE LEADERSHIP AND NEGOTIATION EFFECTIVENESS

AFOSR68-1846
 AFOSR67-1571

LEADING

STUDIES OF THE LEADING EDGE EFFECT ON THE RAREFIED HYPERSONIC FLOW OVER A FLAT PLATE
 HYPERSONIC INTERACTIONS NEAR SHARP LEADING EDGES
 A DETAILED STUDY OF THE FLOW AROUND THE LEADING EDGE OF A FLAT PLATE IN HYPERSONIC LOW DENSITY FLOW
 HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES WITH SHARP LEADING EDGES
 HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES HAVING SHARP LEADING EDGES
 PRELIMINARY RESULTS OF A NEW FORMULATION OF THE HYPERSONIC LEADING EDGE FLOW PROBLEM
 LAMINAR AND TRANSITIONAL HEAT TRANSFER IN THE TWO DIMENSIONAL SEPARATED FLOW BEHIND A SHARP PROTRUDING LEADING EDGE

ARL 68-1000
 AFOSR68-1568
 ARL 68-1112
 AFOSR68-2818
 AFOSR67-1118
 AFOSR67-1136
 ARL 68-0015

LEADING-EDGE

LEADING-EDGE BLUNTNESS AND BOUNDARY-LAYER DISPLACEMENT EFFECTS ON ATTACHED AND SEPARATED LAMINAR BOUNDARY LAYERS IN A

ARL 68-1001

LEAK

LEAK DETECTION OF LARGE PRESSURIZED SPHERICAL BALLOONS FINAL REPORT APR 1968

AFOSR68-0283

LEAKAGE

THE ATMOSPHERIC AND LEAKAGE FLUX OF NEUTRONS PRODUCED IN THE ATMOSPHERE BY COSMIC RAY INTERACTIONS
 A CONVEYER FOR THE MEASUREMENT OF THE ATMOSPHERIC AND EARTH LEAKAGE FLUX OF SECONDARY COSMIC RAY NEUTRONS

AFOSR68-0173
 AFOSR67-6463

LEAN

DENSITY INDUCTION TIMES IN VERY LEAN MIXTURES OF O₂SO₂ H₂SO₂ C₂H₂SO₂ H₂SO₂ AND C₂H₂SO₂ H₂SO₂ WITH O₂SO₂
 DENSITY INDUCTION TIMES IN VERY LEAN MIXTURES OF OSO₂, H₂SO₂, CSO₂H₂SO₂, AND CSO₂H₂SO₂, WITH OSO₂
 RADICAL CONCENTRATIONS AND DECAYS IN LEAN HYDROGEN-NITROGEN-OXYGEN FLAMES

ARL 67-0130
 ARL 67-1020
 AFOSR67-1441

LEARNING

LEARNING THEORY FOR STIMULUS AND RESPONSE CONTINUA FINAL REPORT JUNE 1967
 LEARNING THROUGH PATTERN RECOGNITION APPLIED TO A CLASS OF GAMES
 THE LEARNING OF PSYCHOMOTOR SKILLS
 THE LEARNING AND RULE INTERFERENCE IN TIRGHAM ENCODING
 LAWS OF LEARNING FINAL REPORT AUG 1968
 UNSUPERVISED LEARNING MINIMUM RISK ADAPTIVE PATTERN CLASSIFICATION
 THE CONTROL OF LEARNING IN SMALL SUBSYSTEMS OF A PROGRAMMED EDUCATIONAL SYSTEM
 NATURAL LANGUAGE LEARNING BY COMPUTER

AFOSR67-1444
 AFOSR68-0514
 AFOSR68-0804
 AFOSR68-0596
 AFOSR68-1867
 AFOSR67-1889
 AFOSR67-2727
 AFOSR68-1596

LEARNING

- CONTINUED

TESTS FOR A SIMPLE LEARNING AND PERCEIVING ARTIFACT
A MODEL OF CONCEPT LEARNING
OPTIMAL UNSUPERVISED LEARNING MULTICATEGORY DEPENDENT HYPOTHESES PATTERN RECOGNITION
THE LARGE AND SMALL OF LEARNING
FACILITATION OF CONCEPT LEARNING BY A SIMULTANEOUS CONTRAST PROCEDURE
MECHANISMS OF INWARD PATTERN LEARNING MEMORY AND READ-OUT WITHIN SINGLE NEURONS FINAL REPORT DEC 1967
COMPUTER EXPERIMENTS IN MOTOR LEARNING
EFFECTS OF THIMBENTAL SEDATION ON LEARNING AND MEMORY
ELECTROENCEPHALOGRAPHIC CORRELATES OF LEARNING IN SUBCORTICAL AND CORTICAL STRUCTURES
RESEARCH ON CYBERNETIC INVESTIGATION OF LEARNING AND PERCEPTION FINAL REPORT JAN 1967
NERVOUS PROCESSES UNDERLYING BEHAVIOR AND LEARNING FINAL REPORT APRIL 1967
BIOCHEMICAL STUDIES OF NEURONS AND GLIA DURING LEARNING AND DIFFERENT FUNCTIONAL CONDITIONS FINAL REPORT MAY 1967
STIMULUS RECOGNITION IN AURAL PAIRED-ASSOCIATE LEARNING
THE METHOD OF ADAPTIVELY CONTROLLED PSYCHOLOGICAL LEARNING EXPERIMENTS
THE EFFECTS OF DIFFERENTIAL EARLY EXPERIENCE UPON LEARNING, PERFORMANCE, AND BIOLOGICAL RESPONSES OF NONHUMAN
STIMULUS PREDICTABILITY IN AURAL PAIRED-ASSOCIATE LEARNING
ESTIMATION OF THE NUMBER OF HYPOTHESES IN A CONCEPT LEARNING TASK
VERBAL SHORT TERM-MEMORY AS A FUNCTION OF DEGREE OF LEARNING ON A PERCEPTUAL MOTOR INTERPOLATED ACTIVITY
THE STATISTICAL AND COMPUTATIONAL ANALYSIS OF A SIMPLE LEARNING PROGRAM FINAL REPORT MARCH 1968
THE INFLUENCE OF NETWORK STRUCTURE ON THE PERFORMANCE OF LEARNING SYSTEMS
INSTRUCTIONS ABOUT RANDOMNESS AND RUN DEPENDENCY IN TWO-CHOICE LEARNING
HIPPOCAMPAL STATES AND FUNCTIONAL RELATIONS WITH CORTICOSUBCORTICAL SYSTEMS IN ATTENTION AND LEARNING
AFOSR67-2719
AFOSR68-2804
AFOSR68-2932
AFOSR68-0823
AFOSR68-0868
AFOSR67-2833
AFOSR67-0702
AFOSR67-2214
AFOSR68-0314
AFOSR67-0861
AFOSR67-2272
AFOSR67-1690
AFOSR67-1828
AFOSR68-1782
AML 67-0010
AFOSR67-1827
AFOSR68-0819
AFOSR68-1801
AFOSR68-0505
AFOSR68-1350
AFOSR67-2743
AFOSR67-2586

LEARNINGAND
ANATOMICAL LOCALIZATION OF TARGET LEARNINGAND MEMORY FINAL REPORT NOV 1967
AFOSR67-2580

LEAST-SQUARES
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER DATA III
LEAST-SQUARES ADJUSTMENT OF ANHARMONIC POTENTIAL CONSTANTS APPLICATION TO CARBON DIOXIDE CONTAINING ISOTOPES 12 AND 13
ON THE PROBLEM OF MULTIPLE SOLUTIONS IN THE CALCULATION OF FORCE CONSTANTS BY LEAST-SQUARES
AFOSR67-0215
AFOSR67-0276
AFOSR67-0277
AFOSR68-0207
AFOSR68-0296

LENNWITZ-PENROSE
QUANTUM-MECHANICAL EXTENSION OF THE LENNWITZ-PENROSE THEOREM ON THE VAN DER WAALS THEORY
AFOSR67-0033

LECTURE
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 3 BOUNDARY VALUE PROBLEMS
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 4 DIFFERENTIAL OPERATORS
AFOSR67-2301
AFOSR67-2302

LECTURES
EDUCATION FOR POLICY MAKERS AN ANALYSIS OF LECTURES AND READING MATERIALS AT SELECTED WAR COLLEGES
AFOSR68-0953

LECTURES
LECTURES ON TURBULENT FLOW
LECTURES ON BOUNDARY THEORY
SERIES OF LECTURES ON COMPRESSIBLE FLOWS/ VON KARMAN INSTITUTE FOR FLUID DYNAMICS, BRUSSELS, BELGIUM, PART I / EXACT
INTRODUCTION TO LECTURES ON SUPersonic TURBOMACHINERY
AFOSR67-2168
ARL 68-1280
ARL 67-1208
ARL 67-1226

LEED
LEED STUDY OF THE GROWTH OF ALUMINUM FILMS ON THE TA /110/ SURFACE
LEED STUDY OF EFFECTS OF GAS ADSORPTION ON THE NO 110 SURFACE
LEED STUDY OF GROWTH OF TIN FILMS ON NR 110
LEED STUDY OF EFFECTS OF GAS ADSORPTION ON THE NO 110 SURFACE
A LEED STUDY OF CO AND CO SUB 2 ADSORPTION ON NO 110
LOW TEMPERATURE CLEAVAGE MANIPULATOR FOR LEED APPARATUS
SURFACE ASYMMETRY MECHANISM FOR FRACTIONAL ORDER PEAKS OBSERVED IN LEED BEAMS FROM METALS
ARL 68-0042
ARL 68-0219
ARL 68-1197
ARL 68-1221
ARL 68-0220
AFOSR67-2319
AFOSR67-2316

LEEWARD
INVESTIGATION OF THE LEEWARD SIDE OF A DELTA WING AT HYPERSONIC SPEEDS
ARL 68-1106

LEFT-HANDED
ON THE LEFT-HANDED RIGHT-HANDED AND TWO-SIDED PRIMES
AFOSR68-0709

LEGENDRE
CONJUGATES AND LEGENDRE TRANSFORMS OF CONVER FUNCTIONS
AFOSR67-1390

LEGGED
SOME FINITE STATE ASPECTS OF LEGGED LOCOMOTION
AUTOMATIC CONTROL SYSTEMS FOR LEGGED LOCOMOTION MACHINES
AFOSR68-1764
AFOSR68-1340

LEMMA
ON LEMMA 3 OF ZFFMAN
AN EXTENSION OF THE GENERALIZED BERNSTEIN LEMMA
A LATTICE THEORETICAL ANALOGUE OF THE SCHUR LEMMA
REMARKS ON SOME RECENT EXTENSIONS OF FILIPPOUS IMPLICIT FUNCTIONS LEMMA
AFOSR68-0565
AFOSR68-0410
AFOSR68-1221
AFOSR68-0161

LENGTH
SENTENCE LENGTH AND SENTENCE RETENTION IN THE FREE-LEARNING SITUATION
THE NUCLEON-NUCLEON SCATTERING LENGTH THE THREE-BODY PROBLEM AND CHARGE SYMMETRY
AN EXPERIMENTAL STUDY OF THE EFFECT OF LENGTH ON THE RUCKLE PATTERN OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS
FREE MOLECULAR FLOW IN A CIRCULAR TUBE OF FINITE LENGTH
FREE MOLECULAR FLOW THROUGH A CIRCULAR TUBE OF FINITE LENGTH
WAVEFRONT RECONSTRUCTION WITH LIGHT OF FINITE COHERENCE LENGTH
EQUATION-OF-STATE PARAMETERS FOR NORMAL ALKANES CORRELATION WITH CHAIN LENGTH
NOTE ON THE PROPAGATION OF PLASIC WAVES IN A NONHOMOGENEOUS ROD OF FINITE LENGTH
AFOSR67-2235
AFOSR67-2194
AFOSR67-1981
ARL 67-1070
ARL 68-0114
AFOSR67-0288
AFOSR68-0718
AFOSR67-1987

LENGTHS
LENGTHS OF TENSORS
MEASUREMENT OF DIFFUSION LENGTHS IN DIRECT-GAP SEMICONDUCTORS BY ELECTRON-BEAM EXCITATION
SURFACE RECOMBINATION VELOCITIES AND DIFFUSION LENGTHS IN GAS
EXTINCTION PROBLEM IN CURRENT-ALGEBRA CALCULATIONS OF THE PI PI SCATTERING LENGTHS
AFOSR67-2845
AFOSR67-1391
AFOSR67-0453
AFOSR67-1393

LENS
ACCURACY AND SENSITIVITY OF THE THERMAL LENS METHOD FOR MEASURING ABSORPTION
THE RADIAL PROFILE OF MEDIA IS METASTABLE IN A HO-HE LASER AND THEIR LENS EFFECT ON LASING AT 8001A
AFOSR67-2064
ARL 68-1444

LENSES
A SCALING TECHNIQUE FOR THE DESIGN OF IDEALIZED ELECTROMAGNETIC LENSES
AFOSR68-1857

LENNARD
ANALYSIS OF THE LEONARD AND RANBY METHOD OF DETERMINING THE THICKNESS OF THIN METALLIC FILMS
AFOSR68-0936

LEPIDOPTERA
PIGMENT MIGRATION LIGHT SCREENING AND RECEPTOR SENSITIVITY IN THE COMPOUND EYE OF NOCTURNAL LEPIDOPTERA
AFOSR67-0908

LEPTONIC
RADIATIVE CORRECTIONS TO LEPTONIC DECAYS AND COMPOSITE MODELS FOR STRONG INTERACTIONS
AFOSR67-2792

LEPTONS
DYNAMICAL THEORY OF HADRONS AND LEPTONS
AFOSR68-1316

LESION
PERMANENT INSOMNIA AND DIMINUTION OF CEREBRAL SEROTONIN BY LESION OF THE RAPHE SYSTEM IN THE CAT (FRENCH)
AFOSR67-2562

LESIONS
EFFECTS OF THE LESIONS OF THE RAPHE SYSTEM UPON SLEEP AND CEREBRAL SEROTONIN (FRENCH)
THE EFFECTS ON LOCOMOTION OF LESIONS TO THE VISUO-MOTOR SYSTEM IN OCTOPUS
ALTERATIONS IN SODIUM CHLORIDE AND WATER INTAKE AFTER SEPTAL LESIONS IN THE RAT
AFOSR67-2464
AFOSR68-0292
AFOSR68-0416

LETTER
A REMARK ON PER LETTER CONVERTERS FOR A DISCRETE CHANNEL
REMARKS ON THE RECENT LETTER OBSERVATION OF NAGAOKAS BOUND STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS
AFOSR68-2346
AFOSR67-1754

LEUCOENCEPHALITIS
SLEEP STUDY IN SUBACUTE SCLEROSING LEUCOENCEPHALITIS (SSPE) (FIRST RESULTS)
AFOSR68-2698

LEVEL
LEVEL SHIFTS DUE TO THE CONFINEMENT OF AN ATOM BY CONDUCTING WALLS
LEVEL OF CONSCIOUSNESS EEG AND EVOKED POTENTIALS IN MAN (FRENCH)
TWO LEVEL REALIZATION OF SWITCHING FUNCTIONS WITH A MINIMUM OF THRESHOLD GATES
THE BALANCE LEVEL IN CONVECTIVE STORMS
THE STRUCTURE OF THE LEVEL SURFACES OF A LYAPUNOV FUNCTION
ON THE USE OF IONIZATION LEVEL AS AN INDEPENDENT VARIABLE FOR PLOTTING PLASMA TRANSPORT PROPERTIES
DECOMPOSITION OF NUCLEAR LEVEL PROPERTIES WITH PROTON CAPTURE REACTIONS
SECOND 0 SUPPER PLUS 1 EQUALS 1 LEVEL IN SUPPER 30 P
MEASUREMENT OF THE QUANTUM-ELECTRODYNAMIC LEVEL SHIFT IN THE (THIRD EXCITED STATE OF SINGLY IONIZED HELIUM/
INTERFERENCE EFFECTS AT THE SINGLE PHOTON LEVEL
TACTILE SPATIAL AFTER EFFECT OR ADAPTATION LEVEL
MOSSBAUER EFFECT AND LIFETIME OF THE 44.5 KEV LEVEL OF 183 W
THE RELATIVISTIC POSITION OPERATOR AT SUBATOMIC LEVEL
INDIVIDUAL PERFORMANCE AND SELF-EVALUATION AS A FUNCTION OF LEVEL OF TEAM OUTPUT FINAL REPORT SEPT 1967
SMALL INCOMPLETE FACTORIAL EXPERIMENT DESIGNS FOR TWO AND THREE LEVEL FACTORS
A THEORETICAL ANALYSIS OF EXTENSIVE AIR SHOWERS (NEAR- VERTICAL SHOWERS AT SEA LEVEL
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS- PART I THE SINGLE ENERGY LEVEL DEFECT CENTERS
HIGH ENERGY INTERACTIONS OF COSMIC RAYS GREATER THAN 1000 BFV OBSERVED AT 5200 M ABOVE SEA LEVEL
AFOSR67-0297
AFOSR67-0504
AFOSR68-1920
AFOSR67-0113
AFOSR67-2174
ARL 68-0289
ARL 68-1208
ARL 68-0012
AFOSR67-1282
AFOSR67-2320
AFOSR67-1736
AFOSR68-0905
AFOSR67-1774
AFOSR67-2494
ARL 67-0022
AFOSR67-0261
AFOSR67-1650
AFOSR68-2880

LEVELS
LEVELS OF RESPONSIVENESS TO FOOD OR ITS ABSENCE AND THE VERTICAL LORE CIRCUIT OF OCTOPUS VULGARIS LAMARCK
LEVELS IN CISUPPER37 FROM THE SUPPER36 (P.GAMMA) (CISUPPER37 REACTION)
LEVELS IN DISUPPER18 THROUGH ALPHA CAPTURE BY CISUPPER14
ENERGY LEVELS OF PSUPPER30
ENERGY LEVELS IN CI SUPPER 35
RESONANCE LEVELS IN P SUPPER 30 FROM THE SI SUPPER 29 P.P. SI SUPPER 24 REACTION
PROPERTIES OF LEVELS IN VSUPPER 47 FROM THE TISUPPER 46 P. GAMMA VSUPPER 47 REACTION
(U) SOUND PRESSURE LEVELS AND SPECTRA FROM FIRING A CLASS OF SOVIET ROCKETS
PROPERTIES OF PSUPPER31 LEVELS DETERMINED FROM THE SISUPPER30 (P.GAMMA) (PSUPPER31) REACTION
PRESSURE SHIFT OF THE 10.1 MEV IN AL DUNE 3 STATE
PROPERTIES OF P SUPPER 30 LEVELS FROM THE SI SUPPER 29 (P. GAMMA) (P SUPPER 30) REACTION. I
PROPERTIES OF P SUPPER 30 LEVELS
TUNNELING CURRENTS VIA GOLD LEVELS IN GERMANIUM ESAKI DIODES
DISPERSION CORRECTIONS TO THE LEVELS OF MUONIC ATOMS
ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON ATOMS FINAL REPORT FEB 1967
FINE STRUCTURE OF (FOURTH ENERGY) LEVELS OF (SINGLY IONIZED HELIUM
THE THERMAL BROADENING OF EXCITON LEVELS IN II-VI COMPOUND SEMICONDUCTORS
THE HYPERFINE STRUCTURE OF THE 2P 3P LEVELS OF LITHIUM
EFFECTS OF AXIAL STRESS ON THE EXCITON LEVELS IN WURTZITE II-VI COMPOUNDS
EVIDENCE FOR 0/1 2/1 ASSIGNMENT OF HADRON LEVELS
NUCLEAR STRUCTURE OF SC SUPPER 43 1. ENERGY LEVELS AND DECAY SCHEMES
COLLISIONAL EXCITATION TRANSFER BETWEEN THE 2P1/2 AND 2P3/2 LEVELS IN ALKALI ATOMS
FURTHER EXPERIMENTS ON INTERFERENCE OF INDEPENDENT PHOTON BEAMS AT LOW LIGHT LEVELS
AFOSR68-0291
ARL 67-1034
ARL 67-1035
ARL 67-1037
ARL 68-1206
ARL 68-1337
ARL 65-1200
AFOSR68-0457
ARL 67-1040
ARL 67-0073
ARL 67-0162
ARL 68-1338
AFOSR67-1976
AFOSR67-2824
AFOSR67-0899
AFOSR67-1221
ARL 68-1352
AFOSR68-0537
ARL 68-1375
AFOSR68-1226
ARL 68-1342
AFOSR67-0017
AFOSR68-2229

LEVO
STIMULUS-DEPENDENT ANTAGONISM OF THE ALPHA-METHYLTYROSINE- INDUCED LOWERING OF BRAIN CATECHOLAMINES BY LEVO
AFOSR68-2060

LEVY
SOME REMARKS ON A PAPER OF PAUL LEVY ON HADAMARD MATRICES
AFOSR68-1762

LEWIS
REACTIONS OF DIFLUORAMINE WITH LEWIS ACIDS
AFOSR67-1991

LEXICAL
COMPILATION AND ANALYSIS OF LEXICAL RESOURCES IN INFORMATION SCIENCE FINAL REPORT JUNE 1968
AFOSR68-1375

| | |
|---|--------------|
| LIAPUNOV | |
| A LIAPUNOV METHOD FOR THE ESTIMATION OF STATISTICAL AVERAGES | AFOSR67-0997 |
| LIAPUNOV'S | |
| LIAPUNOV'S SECOND METHOD | AFOSR67-0841 |
| LIBERATION | |
| STUDIES ON INTESTINAL SUCRASE AND INTESTINAL SUGAR TRANSPORT VI LIBERATION OF ALPHA-GLUCOSE BY SUCRASE AND ISOMALTASE | AFOSR68-0195 |
| LIBERTIES | |
| ATTITUDES TOWARD CIVIL LIBERTIES A CROSS-CULTURAL STUDY | AFOSR67-0835 |
| LIBRARIES | |
| QUESTION NEGOTIATION AND INFORMATION SEEKING IN LIBRARIES FINAL REPORT JULY 1967 | AFOSR67-2365 |
| LIBRARY | |
| THE REACTIVE LIBRARY | AFOSR68-0948 |
| PLANNING IMPROVED LIBRARY SERVICE FOR SCIENTISTS IN UNIVERSITIES | AFOSR68-1238 |
| THE PLACE OF THE SMALL LIBRARY IN THE NATIONAL NETWORK | AFOSR67-2005 |
| LIBRATION | |
| OPTIMAL STATION KEEPING AT THE L4 LIBRATION POINT | ARL 67-1009 |
| EFFECT OF INITIAL CONFIGURATION ON LIBRATION POINT MOTION | ARL 67-0204 |
| LIBRES | |
| RADICALES LIBRES INERTES PERCHLORADOS DE LA SERIE DEL DIFENILMETANO | ARL 67-1096 |
| MONO Y HETERORADICALES LIBRES INERTES PERCHLORADOS DE LA SERIE DEL TRIFENILMETANO | ARL 67-1095 |
| LICHNEROWICZ | |
| HOMOGENEOUS LICHNEROWICZ UNIVERSES | AFOSR68-0127 |
| LIDAR | |
| ANALYSIS OF LIDAR DATA OBTAINED UNDER CONDITIONS OF LOW CEILING AND VISIBILITY | AFOSR68-0522 |
| LIDAR-RADAR | |
| LIDAR-RADAR LOWER ATMOSPHERIC OBSERVATIONS FINAL REPORT DEC 1966 | AFOSR67-0013 |
| LIDAR-RADAR LOWER ATMOSPHERIC OBSERVATIONS FINAL REPORT NOV 1966 | AFOSR68-0536 |
| LIFENARD | |
| ON OBTAINING THE TIME RESPONSE FROM THE EXTENDED LIFENARD CONSTRUCTION | AFOSR68-2322 |
| LIFE | |
| LIFE AND DEATH IN EXTREME CAPTIVITY SITUATIONS | AFOSR67-1020 |
| LIFE IN SPACE | AFOSR68-1251 |
| PERFORMANCE AND LIFE SUPPORT IN ALTERED ENVIRONMENTS | AFOSR68-2096 |
| RELIABILITY AND LIFE TESTING | ARL 68-1253 |
| RELIABILITY AND LIFE TESTING | ARL 68-1470 |
| DISTRIBUTION-FREE LIFE TEST SAMPLING PLANS | ARL 67-0252 |
| RESEARCH ANALYSIS IN THE LIFE SCIENCES FINAL REPORT NOV 1967 | AFOSR67-2603 |
| ESTIMATION OF PARAMETERS OF LIFE DISTRIBUTIONS | ARL 67-1252 |
| LIFE-CYCLE | |
| LIFE-CYCLE OF A SUMMER STORM FROM RADAR RECORDS | AFOSR68-0305 |
| LIFE-LENGTHS--OLD | |
| SOME MATHEMATICS OF LIFE-LENGTHS--OLD AND NEW | ARL 68-1293 |
| LIFETIME | |
| LIFETIME OF THE NEUTRAL DION | AFOSR67-0172 |
| LIFETIME OF THE TRIPLET M CENTER IN ALKALI HALIDE CRYSTALS | AFOSR68-1116 |
| LIFETIME OF THE FIRST EXCITED ATOMIC STATES OF RUBIDIUM 87 ATOM | AFOSR68-2100 |
| LIFETIME GRADIENT PHOTOVOLTAIC IN SEMICONDUCTORS | ARL 67-0239 |
| ON THE LIFETIME OF VISCOELASTIC STRUCTURES IN A RANDOM TEMPERATURE FIELD | AFOSR68-0321 |
| MOSSBAUER EFFECT AND LIFETIME OF THE 46.5 KEV LEVEL OF 183 W | AFOSR68-0995 |
| OBSERVATION OF OSCILLATORY LIFETIME IN COS | ARL 68-0230 |
| EFFECT OF IMPRISONMENT OF RADIATION IN SODIUM VAPOR ON THE MEASURED LIFETIME OF THE 3 SUPER 20 STATES | AFOSR67-1129 |
| LIFETIMES | |
| LIFETIMES OF RESONANCE STATES IN ALKALI ATOMS | AFOSR67-0840 |
| AN APPARATUS FOR THE PRECISE DETERMINATION OF LIFETIMES OF ATOMIC STATES | AFOSR68-1767 |
| A PULSE EXCITATION METHOD OF DETERMINING NANSECONDFLUORESCENT LIFETIMES | ARL 67-1015 |
| THE FLUORESCENCE OF CYCLIC AZO-COMPOUNDS DETERMINATION OF SINGLET LIFETIMES | AFOSR67-0709 |
| LIFTED | |
| SENSORY CONTRAST EFFECTS IN THE JUDGMENT OF LIFTED WEIGHTS | AFOSR67-0268 |
| LIFTING | |
| HYPERSONIC LIFTING BODY OPTIMIZATION | ARL 68-1363 |
| INVESTIGATION OF OPTIMUM LIFTING BODIES | ARL 67-1081 |
| EFFECT OF GAPS ON THE LIFTING DISTRIBUTION OF PLANAR LIFTING SURFACES | AFOSR68-1802 |
| LIGAND | |
| LIGAND SUBSTITUTION DYNAMICS | AFOSR68-2675 |
| MULTICENTRIC LIGAND KINETICS & EXCHANGE REACTIONS OF METAL ZINC--CYCLOHEXYLENEDIAMINETETRAACETATE COMPLEXES | AFOSR67-0713 |
| THE MASKING OF LIGAND REACTIVITY BY COORDINATION | AFOSR67-2870 |
| THE DETECTION OF LIGAND PRETENSIONS BY COORDINATION | AFOSR67-2811 |
| THE USES OF NUCLEAR MAGNETIC RESONANCE IN THE STUDY OF LIGAND SUBSTITUTION PROCESSES | AFOSR67-2826 |
| EFFECT OF N-METHYLENEDIACETIC ACID AS A NON-BRIDGING LIGAND IN THE CHROMIUM ZINC--CHROMIUM/ZINC ELECTRON-TRANSFER | AFOSR68-2807 |

LIMIT

DYNAMICS OF RETICULAR AND LINEAR POST STIMULUS DISCHARGE

AFOSR66-0479

LIMIT

SOME LIMIT THEOREMS FOR A GENERAL MARKOV PROCESS
SOME LIMIT THEOREMS FOR ORDINARY DIFFERENTIAL SYSTEMS
FIRST LIMIT OF THE HYDROGEN AND OXYGEN REACTION IN VESSELS COATED WITH BARIUM NITRIDE
ON THE LIMIT SETS OF THE 2×1 HOMOGENEOUS NETS
QUANTUM LIMIT GALVANOMAGNETIC PHENOMENA IN NORMAL-INDOLINE ANTHIONE
AN UPPER LIMIT TO CURCULANLY POLARIZED RADIATION FROM THE CRAB NEBULA
ON THE UNION LIMIT OF MULTIPLE RAYLAGE OF VECTOR INTEGRALS
INFINITE VOLUME LIMIT OF LAMBDA PHI-4 FIELD THEORY
QUANTUM HARD-SPHERE GAS IN THE LIMIT OF HIGH DENSITIES WITH APPLICATION TO SOLIDIFIED LIGHT GASES
LANGUAGE IDENTIFICATION IN THE LIMIT
IS NEWTONIAN PHYSICS THE ASYMPTOTIC LIMIT OF GENERAL RELATIVITY
ANGULAR RESOLUTION BEYOND THE RAYLEIGH LIMIT
APPROXIMATE QUANTUM AND ITS NONRELATIVISTIC LIMIT
INTERPRETATION OF THE FLOW REACTION AND SECOND LIMIT OF HYDROGEN PLUS OXYGEN MIXTURES BY COMPUTER METHODS
A STUDY OF BASIC FACTORS GOVERNING THE DETECTION LIMIT IN ASTRONOMICAL IMAGING
ANOMALOUS AND NORMAL SINGULARITIES AND THE INFINITE MOMENTUM LIMIT
FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II SUPERCONDUCTORS II PURE LIMIT
FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II SUPERCONDUCTORS I DIRTY LIMIT
ANHARMONIC CONTRIBUTIONS TO THE HELMHOLTZ FREE ENERGY OF A SIMPLE CRYSTAL MODEL HIGH-TEMPERATURE LIMIT AND ZERO-POINT

AFOSR67-1271
AFOSR67-1996
AFOSR67-1990
AFOSR67-0539
AFOSR67-1877
AFOSR66-1049
AFOSR67-0780
AFOSR66-1264
AFOSR67-1667
AFOSR67-2615
ARL 66-1085
AFOSR67-0061
AFOSR67-2317
AFOSR67-1879
ARL 67-1066
AFOSR66-0987
AFOSR67-2487
AFOSR67-2488
AFOSR66-0093

LIMITATION

A LIMITATION ON THE USE OF CURRENT ALGEBRA TECHNIQUES FOR MESON DECAYS

AFOSR67-2002

LIMITATIONS

LIMITATIONS OF PION POLE DOMINANCE
QUANTUM LIMITATIONS TO ELECTROMAGNETIC SIGNAL MEASUREMENTS FINAL REPORT DEC 1966
THE BASIC LIMITATIONS IN THERMAL IMAGE DETECTION AS AFFECTED BY COOLING, SPECTRAL MATCHING, THE OPTICAL SYSTEM AND CONVECTIVE DIFFUSION LIMITATIONS ON THE RATES OF CHEMICAL REACTIONS AT SOLID SURFACES--KINETIC IMPLICATIONS
PROBABILISTIC ASPECT OF THE BASIC LIMITATIONS IN IMAGE DETECTION
EXPERIMENTAL STUDY PROGRAM TO INVESTIGATE LIMITATIONS IN FOURIER SPECTROSCOPY FINAL REPORT JAN 1968
AN ANALYSIS OF FUNDAMENTAL FACTORS GOVERNING THE LIMITATIONS IN DETECTION OF IMAGES, FINAL REPORT MAY 1968

AFOSR67-1652
AFOSR67-0102
ARL 66-1427
AFOSR67-2256
ARL 66-1087
AFOSR66-0050
ARL 66-0102

LIMITED

IN THE REPRESENTATION OF LIMITED INFORMATION BY MEANS OF PICTURES TREES AND ENGLISH-LIKE SENTENCES
THE EQUIVALENCE OF CONTEXT LIMITED GRAMMARS TO CONTEXT FREE GRAMMARS
SMALL SURFACE-TO-AIR MISSILES IN A LIMITED WAR ENVIRONMENT FINAL REPORT MAR 1968
LOGIC DESIGN TECHNIQUES FOR PROPAGATION LIMITED NETWORKS FINAL REPORT NOV 1967
ON THE RESPONSE OF LINEAR SYSTEMS TO INPUTS WITH LIMITED AMPLITUDES AND SLOPPES
ONE-ORDER-STATISTICAL CONDITIONAL ESTIMATORS OF SHAPE PARAMETERS OF LIMITED AND PARETO DISTRIBUTIONS AND SCALE
CONDITIONAL MAXIMUM LIKELIHOOD ESTIMATION, FROM SINGLY CENSORED SAMPLES, OF THE SHAPE PARAMETERS OF PARETO AND LIMITPO

AFOSR66-1343
AFOSR67-0434
ORA 66-0004
AFOSR66-0002
AFOSR66-0069
ARL 66-0036
ARL 66-0276

LIMITING

LIMITING RELATION FOR THE FLOW DIFFUSIVITY CLOSE TO A WALL
A LIMITING CONDITION FOR SUPERSONIC INVISCID INTERACTION IN THE CORNER OF INTERSECTING WEDGES FINAL REPORT MAY 1968
SOME LIMITING CASES OF THE RESTRICTED FOUR-BODY PROBLEM
AMPLITUDE LIMITING APPLIED TO A SENSITIVE CORRELATION DETECTOR
SPIN-FIELD LIMITING OF JOSEPHSON TUNNELING OF SUPERCONDUCTING ELECTRON PAIRS
A STATISTICAL METHOD FOR EVALUATION OF LIMITING DETECTABLE SAMPLE CONCENTRATIONS
DERIVATION OF EXPRESSIONS FOR CALCULATION OF LIMITING DETECTABLE ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE FLAME

AFOSR67-2135
ARL 66-0099
AFOSR66-0340
AFOSR66-0964
AFOSR67-0170
AFOSR66-0338
AFOSR67-1302

LIMITS

LIMITS ON SMALL SCALE VARIATIONS IN THE COSMIC BACKGROUND RADIATION
ON LIMITS OF RIEMANN SUMS AND THE RANGE OF INTEGRALS
NEW LIMITS ON THE DIAMETERS OF RADIO SOURCES
ANCHOR EFFECT LIMITS
ESTIMATION OF LIMITS OF DETECTION FOR THE FLAME EMISSION GAS CHROMATOGRAPHIC DETECTOR
ANOMALOUS THRESHOLDS AS LIMITS OF COMPLEX SINGULARITIES
MAGNETIC MOMENT OF PD TO 150 KG LIMITS OF EXCHANGE ENHANCEMENT IN PD
ON THE EXISTENCE OF NON-TANGENTIAL LIMITS OF SURFACIC FUNCTIONS
INFLUENCE OF TYPE OF TURBULENT FLAME ON LIMITS OF DETECTION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY
EFFECTIVE RADIUS OF A VACANCY AND THE CALCULATION OF SOLUBILITY LIMITS IN CRYSTALS OF HIGHLY IONIC PHASES OF THE

AFOSR66-2720
AFOSR66-1026
AFOSR66-1089
AFOSR67-2492
AFOSR66-0337
AFOSR67-1541
AFOSR66-0559
AFOSR67-1385
AFOSR67-2812
AFOSR66-0914

LINC

LINC COMPUTER USER-INTERACTIVE PROGRAMS AND MACRO INSTRUCTIONS

AFOSR67-1465

LINDELÖF

A LINDELÖF THEOREM AND ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL VARIABLES WITH AN APPLICATION TO THE PEYNNAN
PHRAGMEN LINDELÖF AND COMPARISON THEOREMS FOR ELLIPTIC-PARABOLIC DIFFERENTIAL EQUATIONS

AFOSR66-2526
AFOSR67-2373

LINE

LINE INTENSITY AND PRESSURE BROADENING STUDIES IN HYDROGEN FLUORIDE-AND OTHER PROBLEMS IN INFRARED SPECTROSCOPY FINAL
LINE SOURCE APERTURE MONOPULSE EXCITATIONS FINAL REPORT APR 1968
LINE MIXING BY COLLISIONS IN THE FAR INFRARED SPECTRUM OF AMMONIA
LINE PARAMETERS OF THE INFRARED METHANE BANDS
LINE SHAPES IN ELECTRON SPIN RESONANCE SPECTRA
ON LINE SOLUTION OF OPTIMAL NONSTATIONARY LINEAR SYSTEMS
THE SOLAR LINE AT LAMBDA 8448 ANGSTROMS INTERPRETED AS CN
A STUDY OF LINE SHAPE FOR CO INFRARED EMISSION LINES FINAL REPORT JUNE 1967
TRANSMISSION LINE MODELS OF MAGNON-PHONON MODES IN FERRITES PART II COUPLED MODES
TRANSMISSION LINE PARAMETER MEASUREMENTS - STANDING WAVE IMPEDANCE PROBE
COMPARISON OF LINE AND CONTINUOUS SOURCES IN ATOMIC ABSORPTION SPECTROPHOTOMETRY
ULTRA PRECISION BASE LINE MEASUREMENT PROGRAM FINAL REPORT FEB 1967
ANALYSIS OF A CIRCLING LINE
BASIC STUDIES REGARDING LINE BROADENING FINAL REPORT OCTOBER 1968
CURRIC SPLINES ON THE REAL LINE
CHARGE DENSITY NEAR A VORTEX LINE IN TYPE II SUPERCONDUCTORS
LOW ENERGY ELECTRONS ON A FIELD LINE WITH A POTENTIAL MINIMUM
APPLICATIONS OF A METHOD FOR ON LINE ESTIMATION AND CONTROL
DETERMINATION OF CARBON DIOXIDE LINE PARAMETERS USING A CARBON DIOXIDE - NITROGEN-HELIUM LASER
RADIO INTERFEROMETRY USING A BASE LINE OF 20 MILLION WAVELENGTHS
A MODEL ATMOSPHERE FOR A RA V STAR WITH LINE BLANKETING
THE INFLUENCE OF A PERFECT GRATING ON THE LINE PROFILE OF A SPECTROGRAPH
ONE-DIMENSIONAL ATOMIC MODEL FOR A DISLOCATION LINE
MASS EXTREMUM EFFECT ON THE CYCLOTRON RESONANCE LINE SHAPE IN GALLIUM

AFOSR67-0612
AFOSR66-0254
AFOSR66-0422
AFOSR66-0521
AFOSR66-0367
AFOSR66-0280
AFOSR67-1096
AFOSR67-0439
AFOSR67-0314
AFOSR67-0505
AFOSR67-1301
AFOSR67-0162
ARL 66-1300
ARL 66-0196
AFOSR66-1992
AFOSR67-2366
AFOSR67-0328
AFOSR66-2047
AFOSR66-2119
AFOSR66-2006
AFOSR66-1754
AFOSR67-0576
AFOSR67-1905
AFOSR66-1776

STATIC AND DYNAMIC INSTABILITIES OF A PROPELLANT LINE
 ADMITTANCE OF A THICK MONOPOLE DRIVEN FROM A COAXIAL LINE
 LOCAL THERMODYNAMIC EQUILIBRIUM MODEL ATMOSPHERE WITH LINE BLANKETING REVIEW AND FUTURE PROSPECTS
 SOLUTION TO THE PHENOMENOLOGICAL PROBLEM OF A MAGNETIC LINE SOURCE ABOVE A PLANE STRUCTURE THAT SUPPORTS N-EXCITED
 A COMPUTER-AIDED INSTRUCTIONAL SYSTEM FOR TRANSMISSION LINE SIMULATION
 STUDY OF NEUTRON DEFICIENT NUCLEI FAR FROM RATA-STABILITY LINE
 COUPLING OF OPTO-ELECTRONIC DEVICES BY A THIN-FILM TRANSMISSION LINE
 TRANSIENT MOTION OF AN ELASTIC HALF-SPACE DUE TO A MOVING SURFACE LINE LOAD
 RANDOM SCATTERING OF QUASIMONOCROMATIC RADIATION IN A LONG TRANSMISSION LINE
 CRIPPLED MOTION OF AN ELASTIC HALF-SPACE NP TO MURIED STATIONARY AND MOVING LINE SOURCES
 A GENERAL LEAST SQUARE DETERMINATION OF THE IMPEDANCE OF AN ANTENNA FROM SLOTTED LINE MEASUREMENTS ACCOUNT TAKEN OF
 AN EXPERIMENTAL STUDY OF AN ELECTRICALLY THICK TUBULAR MONOPOLE ANTENNA DRIVEN BY A COAXIAL TRANSMISSION LINE

AFOSR67-1398
 PCRL-67-0533
 AFOSR67-0310
 AFOSR68-0086
 AFOSR68-1680
 ARL 67-1174
 AFOSR67-0292
 AFOSR67-0312
 AFOSR67-0353
 AFOSR68-0686
 AFOSR68-0889
 AFOSR67-0406

LINE-OF-SIGHT

WAVE-FRONT OBSERVATIONS AT 35 GHz ON A LINE-OF-SIGHT RADIO- WAVE PROPAGATION PATH
 WAVE-FRONT OBSERVATIONS AT 35 GHz ON A LINE-OF-SIGHT RADIO-WAVE PROPAGATION PATH FINAL REPORT DEC 1967

AFOSR67-0676
 AFOSR68-0086

LINE-SOURCE

A LINE-SOURCE CORRECTOR FOR LARGE SPHERICAL REFLECTORS

AFOSR67-0142

LINE-WIDTH

INFRA-RED MAGNETO-OPTICAL STUDIES OF LINE-WIDTH ANOMALIES CAUSED BY RESONANT POLARON COUPLING TO MAGNETIC STATES IN

ARL 68-1374

LINEAR

LINEAR SOLUTIONS OF THE DIRICHLET BOUNDARY-VALUE PROBLEM
 LINEAR MULTIBODY SYNTHESIS
 LINEAR OPTIMAL CONTROL PROBLEMS WITH ISOPERIMETRIC CONSTRAINTS
 LINEAR POSITIVE MACHINES
 LINEAR DISCRETE OPTIMAL SYSTEMS WITH SIDE CONSTRAINTS
 LINEAR THEORY OF ROTATING STRATIFIED FLUID MOTIONS
 LINEAR SEQUENTIAL CIRCUITS ANALYSIS SYNTHESIS AND APPLICATIONS
 LINEAR SPACES OF ANALYTIC FUNCTIONS
 LINEAR CRYSTAL MOMENTUM VALENCE-BAND SPLITTING IN INDIUM ANTIMONIDE
 LINEAR ASYMPTOTICALLY AUTONOMOUS FUNCTIONAL DIFFERENTIAL EQUATIONS /ITALIAN/
 LINEAR FILTERING WITH CONSTRAINTS
 LINEAR POLARIZATION MEASUREMENTS
 LINEAR COMPRESSIBILITIES OF TI-VI COMPOUND SINGLE CRYSTALS
 ON LINEAR FORMS STOCHASTIC INTEGRALS
 ON LINEAR UNEQUAL ERROR PROTECTION CODES
 ON LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES
 BEST LINEAR UNBIASED ESTIMATORS OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION USING ORDER STATISTIC
 OPTIMUM LINEAR INTERPOLATION OF SAMPLED FUNCTIONS
 OPTIMUM LINEAR TRANSMISSION OF ANALOG DATA FOR CHANNELS JANUARY 1968
 DISCRETE LINEAR OPTIMAL CONTROL SYSTEMS WITH ESSENTIALLY QUADRATIC COST FUNCTIONALS
 A UNIFIED LINEAR THEORY OF HOMOGENEOUS AND STRATIFIED ROTATING FLUIDS
 BOUNDS FOR LINEAR FUNCTIONALS
 CONTROL OF LINEAR TIME DELAY SYSTEMS WITH ESSENTIALLY LINEAR COST FUNCTIONALS
 DUALITY IN LINEAR PROGRAMMING
 GENERALIZED LINEAR DIFFERENTIAL SYSTEMS AND RELATED RICCATI MATRIX INTEGRAL EQUATIONS
 CONDITIONAL LINEAR ESTIMATION OF THE SCALE PARAMETER OF THE EXTREME-VALUE DISTRIBUTION BY USE OF SELECTED ORDER
 LOWER ORDER LINEAR FILTERING AND PREDICTION OF NONSTATIONARY RANDOM SEQUENCES FINAL REPORT FEB 1967
 SECOND-ORDER LINEAR PARABOLIC EQUATIONS WITH A SMALL PARAMETER
 SYNTHESIS OF LINEAR SEQUENTIAL CIRCUITS FROM INPUT-OUTPUT RELATIONS
 STABILITY OF LINEAR MULTIVARIABLE FEEDBACK SYSTEMS
 STABILITY OF LINEAR TIME-INVARIANT SYSTEMS
 SIMULTANEOUS LINEAR ESTIMATION OF THE MEAN AND STANDARD DEVIATION OF THE NORMAL AND LOGISTIC DISTRIBUTION BY THE USE
 SIMULTANEOUS LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE EXTREME-VALUE DISTRIBUTION USING SELECTED
 THE EFFECT OF LINEAR FREQUENCY MODULATION ON ANGULAR RESOLUTION AND POINTING ACCURACY
 APPLICATION OF LINEAR GRAPH THEORY TO PRINTED CIRCUITS
 APPROXIMATION BY LINEAR POSITIVE OPERATORS
 APPROXIMATION BY LINEAR POSITIVE OPERATORS
 SURFACE FIELDS OF LINEAR ANTENNAS IN FREE SPACE DIELECTRIC RODS AND MAGNETOTONIC MEDIA
 AN INEQUALITY FOR LINEAR TRANSFORMATIONS
 A NEW APPROACH TO LINEAR PURSUIT-EVASION PROBLEMS
 RECENT RESULTS IN LINEAR AND NON-LINEAR FILTERING
 ON THE RESPONSE OF LINEAR SYSTEMS TO INPUTS WITH LIMITED AMPLITUDES AND SLOPES
 FEASIBILITY OF USING LINEAR PATTERN CLASSIFIERS FOR PROBABILISTIC PATTERN CLASSES
 THE LAMBDA-METHOD FOR LINEAR BOUNDARY VALUE PROBLEMS
 ALGEBRAIC STRUCTURE OF LINEAR DYNAMICAL SYSTEMS I THE MODULE OF SIGMA
 ON THE DISTRIBUTION OF LINEAR FUNCTIONS AND RATIOS OF LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES
 ASYMPTOTIC NORMALITY OF LINEAR COMBINATIONS OF FUNCTIONS OF ORDER STATISTICS II
 PRINCIPAL SUBMATRICES OF LINEAR INEQUALITIES
 APPROXIMATION BY POSITIVE LINEAR OPERATORS
 APPROXIMATION BY POSITIVE LINEAR OPERATORS
 ON STRUCTURAL PROPERTIES OF LINEAR CONSTANT MULTIVARIABLE SYSTEMS
 SOME EXISTENCE THEOREMS FOR LINEAR OPTIMAL CONTROL PROBLEMS
 OPTIMAL BOUNDED CONTROL WITH LINEAR STOCHASTIC EQUATIONS AND QUADRATIC COST
 MINIMUM-STATE REALIZATIONS OF LINEAR TIME-VARYING SYSTEMS
 THE DEGREE OF APPROXIMATION BY LINEAR POSITIVE OPERATORS
 OPTIMAL STATIONARY CONTROL OF A LINEAR SYSTEM WITH STATE-DEPENDENT NOISE
 THE CORRESPONDENCE PRINCIPLE OF LINEAR VISCOELASTICITY THEORY FOR MIXED BOUNDARY VALUE PROBLEMS INVOLVING
 CRITICAL DEGENERATENESS IN LARGE LINEAR SYSTEMS
 OPTIMAL COOPERATIVE REMEDIOUS OF LINEAR SINGLE INPUT SYSTEMS
 PLASMA DIAGNOSTIC TECHNIQUES IN A LINEAR OCTUPOLE
 SOME FUNCTION-THEORETIC ASPECTS OF LINEAR SECOND-ORDER DIFFERENTIAL EQUATIONS
 A STUDY OF THE MODAL PROPERTIES OF LINEAR DYNAMICAL SYSTEMS
 NONLINEAR PREPROCESSING OF INPUTS TO LINEAR NEURAL NETS
 SELF-DIFFUSION IN SIMPLE LIQUIDS THE LINEAR TRAJECTORY APPROXIMATION
 TWO-POINT BOUNDARY VALUE PROBLEMS OF LINEAR HAMILTONIAN SYSTEMS
 THE UNBROKEN GROWTH OF SOLUTIONS OF LINEAR PARABOLIC DIFFERENTIAL EQUATIONS
 OPTIMUM TRANSIENT GUIDANCE IN DAMPED LINEAR SYSTEMS
 A SOLUTION FOR A CLASS OF PROBLEMS OF LINEAR SYSTEM OPTIMIZATION /ITALIAN/
 ISOLATED SINGULARITIES OF SOLUTIONS OF LINEAR ELLIPTIC EQUATIONS
 ON DETERMINABLE CLASSES OF SIGNALS AND LINEAR CHANNELS
 ON THE FEASIBILITY AND OPTIMIZATION OF LINEAR FREQUENCY MODULATION IN DIGITAL SIGNALING
 CONFIGURATION-INTERACTION STUDY OF THE LINEAR TRI ATOMIC HYDROGEN SYSTEM
 GRATOR AND STATE-VARIABLE RESULTS FOR LINEAR INTEGRATED CIRCUITS
 A REMARK ON THE HANG-BANG PRINCIPLE FOR LINEAR CONTROL SYSTEMS IN INFINITE-DIMENSIONAL SPACE
 ON LINE SOLUTION OF OPTIMAL NONSTATIONARY LINEAR SYSTEMS
 THE DEGREE OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS
 THE DEGREE OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS
 AN ALGORITHM FOR THE ANALYSIS AND DESIGN OF LINEAR STATE VARIABLE FEEDBACK SYSTEMS

AFOSR67-0044
 AFOSR67-0633
 AFOSR67-1468
 AFOSR67-1740
 AFOSR67-1777
 AFOSR67-2181
 AFOSR68-0036
 AFOSR68-0203
 AFOSR68-1489
 AFOSR68-1763
 AFOSR68-2031
 ARL 68-0170
 ARL 68-0296
 AFOSR67-1969
 AFOSR68-0732
 ARL 67-0260
 ARL 67-1004
 AFOSR67-0407
 AFOSR68-1190
 AFOSR67-0296
 AFOSR68-0389
 AFOSR67-0824
 AFOSR68-0308
 ARL 68-1272
 AFOSR67-0216
 ARL 67-1005
 SML 67-0003
 AFOSR68-0967
 AFOSR68-2057
 AFOSR68-2065
 AFOSR68-2573
 ARL 67-1002
 ARL 67-1004
 AFOSR67-0480
 AFOSR68-2129
 ARL 68-1241
 ARL 68-1242
 AFOSR68-0574
 AFOSR67-2814
 AFOSR68-2109
 AFOSR68-2451
 AFOSR68-0069
 AFOSR67-0863
 AFOSR67-0975
 AFOSR67-1469
 ARL 67-0253
 AFOSR68-1277
 AFOSR68-1833
 ARL 68-1247
 ARL 68-1248
 AFOSR67-1376
 AFOSR67-2426
 AFOSR67-0327
 AFOSR68-2043
 ARL 68-1258
 AFOSR67-2299
 AFOSR68-1643
 AFOSR68-1525
 AFOSR67-1592
 AFOSR68-1709
 AFOSR67-1470
 AFOSR68-0240
 AFOSR67-0854
 AFOSR67-2772
 AFOSR68-0363
 AFOSR68-2293
 AFOSR68-2427
 AFOSR68-0676
 AFOSR67-0356
 AFOSR68-0084
 AFOSR68-1861
 AFOSR68-2101
 AFOSR68-2504
 AFOSR68-0768
 AFOSR68-0289
 ARL 68-0176
 ARL 68-1259
 AFOSR68-2049

LINEAR

- CONTINUED

| | |
|--|--------------|
| THE FIRST BOUNDARY VALUE PROBLEM FOR CERTAIN LINEAR ELLIPTIC DIFFERENTIAL EQUATIONS INVOLVING TWO SMALL PARAMETERS | AFOSR67-2248 |
| CLOSED FORM FOR THE PERTURBATION TERMS OF THE LINEAR BOLTZMANN EQUATION | AFOSR67-1120 |
| CONTROLLABILITY OBSERVABILITY AND STABILITY OF LINEAR SYSTEMS | AFOSR68-1304 |
| ON POLY ASSIGNMENT IN MULTI-INPUT CONTROLLABLE LINEAR SYSTEMS | AFOSR68-1318 |
| ON HYPOHOMOLOGIES AND CONNECTIONS IN PARTITIONED LINEAR MODELS | ARL 67-1184 |
| ON THE UPPER BOUND OF THE PROBABILITY OF ERROR OF A LINEAR PATTERN CLASSIFIER FOR PROBABILISTIC PATTERN CLASSES | AFOSR68-1306 |
| A METHOD FOR THE SOLUTION OF STOCHASTIC PROBLEMS IN LINEAR THERMOELASTICITY AND HEAT CONDUCTION | AFOSR67-0896 |
| THE CONVERGENCE OF FINITE ELEMENT METHOD IN SOLVING LINEAR ELASTIC PROBLEMS | AFOSR67-0907 |
| SOME COMPUTATIONAL ASPECTS OF THE TENSOR PRODUCT OF LINEAR PROGRAMS | ARL 67-1272 |
| SINGULAR PERTURBATIONS OF BOUNDARY VALUE PROBLEMS FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS INVOLVING TWO PARAMETERS | AFOSR67-0348 |
| CONTROL OF LINEAR TIME DELAY SYSTEMS WITH ESSENTIALLY LINEAR COST FUNCTIONALS | AFOSR68-0308 |
| ON THE DISTRIBUTION OF LINEAR FUNCTIONS AND RATIOS OF LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES | ARL 67-0263 |
| VARIATIONAL METHODS AND BOUNDARY PROBLEMS FOR ORDINARY LINEAR DIFFERENTIAL SYSTEMS | AFOSR68-2859 |
| MATHEMATICAL ANALYSIS OF THE THERMAL WAVE TECHNIQUE FOR LINEAR KINETICS | AFOSR68-1814 |
| SIMPLIFIED CONDITIONS FOR CONTROLLABILITY AND OBSERVABILITY OF LINEAR TIME-INVARIANT SYSTEMS | AFOSR67-0340 |
| AN APPROXIMATION TO ROUNDOFF PHASE COORDINATE CONTROL PROBLEM FOR LINEAR DISCRETE SYSTEMS | AFOSR67-1497 |
| OPTIMAL MATCHING A NEW APPROACH TO THE MATCHING PROBLEM FOR REAL LINEAR TIME-INVARIANT ONE-PORT NETWORKS | AFOSR68-2462 |
| A SURVEY OF METHODS FOR MEASUREMENTS OF RADIATION FIELDS FROM THE APCAL LINEAR ACCELERATOR | AFOSR67-0301 |
| NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY-WAVE NUMBER SPECTRA OF SEISMIC WAVES USING LINEAR ARRAYS | AFOSR67-1201 |
| EFFECT OF WIND INCLINATION ON THE MERGING OF A HYPERSONIC LOW DENSITY FLOW OVER SHARP TWO-DIMENSIONAL LINEAR BODIES | ARL 68-1111 |
| LINEARITY | |
| THE LINEARITY OF THE CHARGE CONVERSION FUNCTION FOR COOLED LITHIUM-DRIFTED SILICON DETECTORS IN RESPONSE TO X-RAY AND A THEOREM ON LINEARITY | AFOSR67-1948 |
| | AFOSR68-2121 |
| LINEARIZED | |
| A LINEARIZED ANALYSIS OF MASS-TRANSFER EFFECTS ON CONFINED LAMINAR VORTEX FLOWS | ARL 68-0071 |
| ON THE LINEARIZED HYDRODYNAMICAL EQUATIONS IN TWO DIMENSIONS | AFOSR68-2823 |
| APPROXIMATE ANALYSIS OF LINEARIZED INVISCID RELAXING GAS FLOW | AFOSR68-0348 |
| INTEGRAL EQUATION TREATMENT OF THE LINEARIZED THEORY OF ELECTROSTATIC PLASMA OSCILLATIONS | ARL 68-0239 |
| INTERNAL EQUATION TREATMENT OF THE LINEARIZED VLASOV EQUATION THEORY | ARL 68-1474 |
| THE TURBULENT, ROUNDOFF WALL-JET A SOLUTION TO THE LINEARIZED EQUATIONS FINAL REPORT NOVEMBER 1968 | ARL 68-0204 |
| ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING FLAT PLATE IN A | ARL 67-0124 |
| LINEARLY | |
| A METHOD FOR FITTING LINEARLY SEGMENTED MULTI-LAYER ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER BOUNDARY | AFOSR67-0198 |
| LINES | |
| NITROGEN LINES IN THE INFRARED FRAUNHOFER SPECTRUM | AFOSR67-0479 |
| 2FRO PHONON LINES IN DIAMOND AND LOCALIZED MODES | AFOSR67-0139 |
| STRENGTHS OF LINES IN THE SUB 1 AND SUB 3 INFRARED BANDS OF H SUB 20 FINAL REPORT FEB 1967 | AFOSR67-0164 |
| ON THE CRITICAL LINES OF A GRAPH | AFOSR68-1393 |
| SPLITTING OF EXCITON LINES IN WURTZITE-TYPE II-VI CRYSTALS BY UNIAXIAL STRESS | ARL 68-0059 |
| THE WEAKNESS OF HELIUM LINES IN GLOBULAR CLUSTER AND HALO M STARS | AFOSR67-0625 |
| PRESSURE SHIFTS OF INFRARED LINES LOW LOW-TEMPERATURE SPECTRA OF MOLECULES AND TECHNIQUES OF INTERFERENCE SPECTROSCOPY | AFOSR68-0490 |
| NEGATIVE-ION CAPTURE BY VORTEX LINES IN HELIUM II | AFOSR68-0097 |
| THRESHOLD FOR SUPERFLUID VORTEX LINES IN A ROTATING ANNULUS | AFOSR67-2969 |
| A STUDY OF THE 4044- AND 5045-A LINES IN THE LOW-TEMPERATURE EMISSION OF CADMIUM SULFIDE | ARL 68-1479 |
| THE SHIFT OF SOME OF THE EMISSION LINES OF IRON AND OTHER METALS FOR NI CA CU AND AL/ PRODUCED BY ARGON AND HELIUM | AFOSR67-2886 |
| RAMAN LASERS USING SECONDARY RAMAN LINES | AFOSR67-0341 |
| STRAIN-INDUCED SPLITTING OF EXCITON LINES IN WURTZITE TYPE II-VI CRYSTALS | ARL 68-0306 |
| STRAIN-INDUCED SPLITTING OF EXCITON LINES IN WURTZITE TYPE II-VI CRYSTALS | ARL 68-1484 |
| COLLISION CROSS-SECTIONS OF FORWIDDEN LINES OF THE 3S3P3P AND 3S3P3P3P CONFIGURATIONS | ARL 67-1324 |
| THE ABSORPTION AND EMISSION OF IMPURITY LINES FROM HOT COMPRESSED ARGON WITH A TRACE OF GRAPHITE POWDER | AFOSR68-2105 |
| FURTHER RESEARCH ON OPTICAL TRANSMISSION LINES | AFOSR67-1113 |
| A STUDY OF LINE SHAPE FOR CO INFRARED EMISSION LINES FINAL REPORT JUNE 1967 | AFOSR67-0430 |
| MOTION OF NEGATIVE IONS ALONG QUANTIZED VORTEX LINES | AFOSR68-2888 |
| THE MEANING OF COLLISION BROADENING OF SPECTRAL LINES I THE CLASSICAL-OSCILLATOR ANALOG | AFOSR68-0489 |
| INVESTIGATION OF THIN-FILM OPTICAL TRANSMISSION LINES FINAL REPORT FEB 1968 | AFOSR68-0563 |
| A RELIABILITY THEORY FOR SMOOTH LOSSLESS TRANSMISSION LINES | AFOSR67-1317 |
| INTERACTION OF QUANTIZED VORTEX RINGS WITH QUANTIZED VORTEX LINES IN ROTATING HF II | AFOSR68-2527 |
| MODULATED LIGHT SOURCE FOR ELECTRO-OPTICAL ANALYSIS OF SPECTRAL LINES | ARL 67-1193 |
| APPLICATION OF ELECTROMAGNETIC THEORY TO RADIATING AND NON-RADIATING TRANSMISSION LINES FINAL REPORT MAY 1968 | AFOSR68-0262 |
| LINES-OF-SIGHT | |
| CLEAR LINES-OF-SIGHT FROM AIRCRAFT | AFOSR67-0435 |
| LINEWIDTHS | |
| SEMICLASSICAL THEORY OF THE EFFECTS OF INTERNAL MOTIONS ON THE LINEWIDTHS IN ELECTRON SPIN RESONANCE SPECTRA | AFOSR68-0368 |
| LINGUISTIC | |
| LINGUISTIC SPECIFICATION AND ANALYSIS OF CLASSES OF PATTERNS | AFOSR67-0987 |
| LINGUISTICS | |
| COMPUTATION IN LINGUISTICS A CASE BOOK INDIANA UNIVERSITY PRESS BLOOMINGTON 1966 FINAL REPORT 1966 | AFOSR67-0525 |
| NEW PROOFS OF DELO THEOREMS IN LOGIC AND FORMAL LINGUISTICS | AFOSR67-2517 |
| LINGUISTS | |
| A HANDBOOK OF HAZARDS FOR LINGUISTS FINAL REPORT APRIL 1967 | AFOSR67-0770 |
| LINK | |
| THE SCHOOL TEACHER A LINK TO CHINAS FUTURE | AFOSR68-2540 |
| LINKAGE | |
| BINDING OF ANESTHETICS TO PROTEINS LINKAGE BETWEEN THE SIXTH-LIGAND SITE OF HEME IRON ION AND THE NONPOLAR BINDING | AFOSR68-2705 |
| LINKED | |
| LINKED CLUSTER THEOREM AND THE GREENS FUNCTION EQUATIONS OF MOTION FOR A MANY-FERMION SYSTEM | AFOSR67-1244 |
| LINKS | |
| RADIO LINKS AND ANTENNAS IN BOUNDLSS OR ROUNDOFF LOSSY MEDIA FINAL REPORT JAN 1967 | AFOSR67-0187 |
| A STUDY OF THE RELATIONSHIP BETWEEN MULTIPATH DISTORTION AND WAVE NUMBER SPECTRUM OF DIELECTRIC NOISE IN RADIO LINKS | AFOSR68-0439 |

LINNE
 LOCALIZATION OF MONOAMINOergic NEURONS IN THE CENTRAL NERVOUS SYSTEM OF ASTACUS ASTACUS LINNE (CRUSTACEA) AFOSR67-0109

LIPID
 RESISTANCE CHANGES IN LIPID BILAYERS IMMUNOLOGICAL APPLICATIONS AFOSR68-2120

LIPLUS
 HYDROLYSIS OF LIPLUS BY HMTUS HE AND LIPLUS AFOSR68-2068

LIPOBILIN-SCHWINGER
 RELATION BETWEEN LIPOBILIN-SCHWINGER AND MOCH SCATTERING THEORIES
 SCATTERING FROM COULOMB-LIKE POTENTIALS WITHOUT DIVERGENCE OR CUTOFFS I FORMALISM GENERALIZED LIPOBILIN-SCHWINGER AFOSR68-0899
 AFOSR67-2031

LIPSCHITZ
 NOTE ON CLASSES OF FUNCTIONS DEFINED BY INTEGRATED LIPSCHITZ CONDITIONS AFOSR68-1076

LIQUIFIED
 ELECTRON DRIFT VELOCITIES IN LIQUIFIED ARGON AND KRYPTON AT LOW ELECTRIC FIELD STRENGTHS A USR67-0048

LIQUID
 LIQUID MOTION IN A CIRCULAR CYLINDRICAL CONTAINER WITH A FLEXIBLE BOTTOM AFOSR68-0221
 LIQUID PHASE ORIGINATIONS OF CYCLIC ALKENES II AFOSR68-0359
 LIQUID DENSITY AND EXCESS VOLUME OF LIGHT HYDROCARBON MIXTURES AT -105 DEGREES CENTIGRADE AFOSR68-2130
 LIQUID FUEL - AIR COMBUSTION IN ADDITION OF METAL COMPOUNDS AS VOLUME CHELATES TO LIQUID FUELS. II. SPECTRAL ARL 67-1187
 ON LIQUID DROPLET COMBUSTION AT HIGH PRESSURES AFOSR67-2042
 ORDERING IN LIQUID CRYSTALS DUE TO ELECTRIC AND MAGNETIC FIELDS AFOSR67-1779
 THE MOTION OF LIQUID INSIDE A CLOSED VIBRATING VESSEL AFOSR67-1034
 GROUND STATE OF LIQUID HELIUM-BORON SOLUTIONS FOR MASS 3 AND 4 AFOSR67-0238
 AFOSR PROGRAM ON LIQUID STRUCTURES FINAL REPORT OCT 1967 AFOSR67-2512
 SELF-DIFFUSION IN LIQUID METALS AFOSR68-0086
 FUNCTIONAL COMPOUNDS AS LIQUID ADSORBERS FOR MOSSBAUER EXPERIMENTS AFOSR67-2581
 MOTION OF ELECTRONS IN LIQUID ARGON AFOSR67-2168
 AN ELECTRON MICROSCOPE LIQUID HELIUM STAGE FOR USE WITH ACCESSORIES AFOSR68-0838
 COMBUSTION INSTABILITY IN LIQUID PROPELLANT ROCKET ENGINES FINAL REPORT OCT 1966 AFOSR67-0149
 STRUCTURE AND PROPERTIES OF LIQUID WATER AFOSR67-2048
 FLAME-INITIATING MECHANISMS IN LIQUID PROPELLANT ROCKET ENGINES AFOSR67-0938
 THEORY OF A LOW-DENSITY DENSE LIQUID AFOSR68-2433
 VARIABLE PROPERTY EFFECTS ON LIQUID DROPLET COMBUSTION AFOSR68-2685
 APPLICATIONS OF THE SOLID AND LIQUID STATE CONCEPTS FOR MACROMERITIC SYSTEMS FINAL REPORT JUNE 1967 AFOSR67-0414
 A CONDUCTIVITY STAGE FOR USE AT LIQUID HELIUM TEMPERATURES AFOSR67-0389
 MAGNETOCALORIC ATTENUATION IN LIQUID GALLIUM TO 150 KILOGAUSS AFOSR67-1528
 A COMMENT ON SELF-DIFFUSION IN LIQUID METALS AFOSR68-0047
 A COMMENT ON SELF-DIFFUSION IN LIQUID METALS AFOSR68-0050
 ENERGY TRANSFER STUDIES IN THE LIQUID PHASE RADIOLYSIS OF RARE GAS-HYDROGEN MIXTURES ARL 67-1166
 TRANSPORT PROPERTIES OF A FERMION LIQUID AFOSR68-2536
 PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART I AT KENT STATE UNIVERSITY AUGUST 16-20 1968 AFOSR67-0072
 PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART II AT THE KENT STATE UNIVERSITY AUGUST 16-20 1968 AFOSR67-0073
 PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART III AT KENT STATE UNIVERSITY AUGUST 16-20 1968 AFOSR67-0074
 PRESSURE DEPENDENCE OF VISCOSITY LIQUID BORDON TRIOXIDE AFOSR68-2786
 THERMAL CONDUCTIVITY OF NYLON AT LIQUID HELIUM TEMPERATURES ARL 68-1467
 ATOMIZATION AND VAPORIZATION OF A LIQUID SHEET EXPOSED TO A SUPERSONIC AIRSTREAM AFOSR68-1421
 ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE I IODIDE DONOR SOLUTES AFOSR67-0742
 ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE II IODIDE ACCEPTOR SOLUTES AFOSR68-0367
 STATISTICAL MECHANICAL THEORIES OF LIQUID TRANSPORT AFOSR68-2723
 ON THE NATURE OF CHARGE-CARRIERS IN LIQUID SELENIUM CONTAINING CHLORINE AFOSR67-1311
 PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM THE EFFECT OF PRESSURE ON THE PROPERTIES OF THE NEGATIVE ION AFOSR68-0111
 VIBRATIONS OF AN ELECTRON BUNDLE IN LIQUID HELIUM AFOSR68-2476
 ULTRASOUND VELOCITY AND DISPERSION IN LIQUID HELIUM II FROM 0 TO 1.8 DEGREES K AFOSR67-2071
 SUPERPARAMAGNETIC BEHAVIOR OF SOLIDS AT LIQUID HELIUM TEMPERATURES FINAL REPORT FEB 1967 AFOSR67-2009
 QUANTUM THEORY OF SUPERFLUID VORTICES I LIQUID HELIUM II AFOSR67-2621
 MOBILITY OF A CHARGED IMPURITY IN A FERMION LIQUID AFOSR68-0355
 DRIFT VELOCITY AND ENERGY OF ELECTRONS IN LIQUID ARGON AFOSR67-1073
 DISCONTINUOUS MAGNETOFLUID DYNAMICS A SIMPLE LIQUID SIMULATION AFOSR68-1935
 ANALYSIS OF THERMODYNAMIC EXCESS PROPERTIES OF LIQUID MIXTURES OF ARGON AND KRYPTON AFOSR68-1183
 SOME FUNDAMENTAL PROBLEMS ON THE COMBUSTION OF LIQUID DROPLETS IN HYDROGEN AFOSR68-1165
 ELECTRIC FIELD GRADIENT AT THE DEUTERON SITE IN LIQUID DCI AFOSR67-1168
 REMAGNETIZATION OF FERROMAGNETIC MULTIPLE FILMS AT LIQUID HELIUM TEMPERATURES AFOSR67-0433
 EFFECT OF ELECTROMAGNETIC FORCE ON THE STABILITY OF LIQUID FILMS AFOSR67-2060
 THERMAL TIME CONSTANTS OF GERMANIUM THERMISTERS AT LIQUID HELIUM TEMPERATURES AFOSR68-0201
 SINGLE-COLLISION-TIME THEORY OF SOUND PROPAGATION IN LIQUID HELIUM-4 BELOW 0.6 DEGREES KELVIN AFOSR68-0151
 CHLORINE AND DEUTERON RELAXATION TIME MEASUREMENTS IN LIQUID HCl AND DCI AFOSR67-2568
 THEORY OF OPTICAL PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM AFOSR68-1732
 ELECTRIC-FIELD-INDUCED OPTICAL ROTATION IN CHOLESTERIC LIQUID CRYSTALS AFOSR68-1070
 MOMENTUM AND HEAT TRANSFER IN LAMINAR FLOW OF GAS WITH LIQUID DROPLET SUSPENSION OVER A CIRCULAR CYLINDER ARL 67-0288
 STRUCTURE OF LIQUIDS IV DIRECT CORRELATION FUNCTIONS OF LIQUID ARGON AFOSR67-1187
 MAGNETIC RELAXATION PROPERTIES OF MAGNETITE POWDER DOWN TO LIQUID HELIUM TEMPERATURES AFOSR67-0354
 SOME REMARKS ABOUT SPINWAVE AND ZERO SOUND IN LOW TEMPERATURE LIQUID HF3 AFOSR67-0323
 AN INVESTIGATION OF THE ORDERING OF MOLECULES IN THE ANISOTROPIC LIQUID PHASE OF LIQUID CRYSTALS FINAL REPORT 1967 AFOSR67-2622
 CHARGE-TO-MASS RELATIONSHIPS FOR ELECTROHYDRODYNAMICALLY SPRAYED LIQUID DROPLETS AFOSR68-0547
 NEW APPROXIMATION FOR THE CALCULATION OF NEUTRON SCATTERING FROM A SIMPLE LIQUID AFOSR68-0721
 AN INVESTIGATION OF THE ORDERING OF MOLECULES IN THE ANISOTROPIC LIQUID PHASE OF LIQUID CRYSTALS FINAL REPORT 1967 AFOSR67-2622
 QUANTIZED VORTICES IN AN IMPERFECT DENSE GAS AND THE BREAKDOWN OF SUPERFLUIDITY IN LIQUID HELIUM II AFOSR68-0970
 TEMPERATURE DEPENDENCE OF THE SPIN SUSCEPTIBILITY OF A NEARLY FERROMAGNETIC FERMION LIQUID AFOSR68-2307
 CORRECTION TO STOKES LAW FOR A CHARGED SPHERE MOVING IN A POLARIZABLE COMPRESSIBLE LIQUID AFOSR68-0218
 ON THE THEORY OF FLOES IN LIQUIDS II A CLASSICAL MODEL OF POLARIZATION WAVES IN A SIMPLE LIQUID AFOSR67-2187

LIQUID-CRYSTAL
 INFLUENCE OF ELECTRIC FIELDS ON THE MOLECULAR ALIGNMENT IN THE LIQUID-CRYSTAL PARA-AZOXYANISOLE AFOSR67-1498

LIQUID-HELIUM
 ELECTRON RADIATION DAMAGE IN CADMIUM-SELENIDE CRYSTALS AT LIQUID-HELIUM TEMPERATURE ARL 67-0201

LIQUIDS
 DYNAMICS OF LIQUIDS FINAL REPORT DEC 1967 AFOSR68-1041
 STRUCTURE OF LIQUIDS III AN X-RAY DIFFRACTION STUDY OF FLUID ARGON AFOSR67-1181
 STRUCTURE OF LIQUIDS IV DIRECT CORRELATION FUNCTIONS OF LIQUID ARGON AFOSR67-1182
 STRUCTURE OF LIQUIDS VI SOME CHARACTERISTICS OF FIRST-ORDER DENSITY EXPANSIONS OF RADIAL DISTRIBUTION DIRECT AFOSR67-2576
 STRUCTURE OF LIQUIDS PART 7 - DETERMINATION OF INTER-MOLECULAR POTENTIAL FUNCTIONS AND CORRELATION FUNCTIONS IN AFOSR67-2577

- REACTIONS IN LIQUIDS AT CRITICAL CONDITIONS - DECOMPOSITION OF BENZOYL PEROXIDE
 PROPERTIES OF SIMPLE LIQUIDS
 THEORY OF EXCITONS IN LIQUIDS III NONRESONANT BROADENING OF IMPURITY SPECTRA IN SIMPLE LIQUIDS
 THEORY OF EXCITONS IN LIQUIDS IV A SIMPLIFIED TREATMENT OF THE SHIFT AND DAMPING OF POLARIZATION WAVES
 SELF-DIFFUSION IN SIMPLE LIQUIDS THE LINEAR TRAJECTORY APPROXIMATION
 ON THE THEORY OF EXCITONS IN LIQUIDS II A CLASSICAL MODEL OF POLARIZATION WAVES IN A SIMPLE LIQUID
 THEORY OF HOT ELECTRONS IN GASES LIQUIDS AND SOLIDS
 GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS FINAL REPORT DEC 1966
 GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS
 MOLECULAR THERMODYNAMICS OF SIMPLE LIQUIDS
 GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS
 FORMATION OF CAVITIES AND MICROJECTS IN LIQUIDS AND THEIR ROLE IN INITIATION AND GROWTH OF EXPLOSION
 THERMAL DIFFUSION AND STRUCTURAL ORDER IN LIQUIDS
 STUDIES OF THE ELECTRONIC STATES OF SIMPLE LIQUIDS
 NEUTRON KRYNKO APPROXIMATION FOR THE VISCOSITY OF SIMPLE LIQUIDS APPLICATION TO ARGON
 FREQUENCY DEPENDENCE OF DIELECTRIC CONSTANT AND DENSITY OF LIQUIDS
 MOMENTS OF THE MOMENTUM DENSITY CORRELATION FUNCTIONS IN SIMPLE LIQUIDS
 ANALYSIS OF SCATTERING DATA FOR MIXTURES OF ANOMALOUS SOLIDS OF LIQUIDS
 FREQUENCY DEPENDENT VISCOSITY CONSTANT ANALYSIS OF DIFFUSION IN SIMPLE LIQUIDS
 COMMENTS ON THE EXPERIMENTAL AND THEORETICAL STUDY OF TRANSPORT PHENOMENA IN SIMPLE LIQUIDS
 THEORY OF EXCITONS IN LIQUIDS III NONRESONANT BROADENING OF IMPURITY SPECTRA IN SIMPLE LIQUIDS
- AFOSR66-1222
 AFOSR66-1348
 AFOSR66-0026
 AFOSR66-1977
 AFOSR67-2772
 AFOSR67-2167
 AFOSR67-2809
 AFOSR67-0820
 AFOSR66-0872
 AFOSR66-1316
 AFOSR66-1789
 AFOSR67-2230
 ARL 66-1218
 AFOSR66-1098
 AFOSR66-2214
 AFOSR66-1078
 AFOSR66-2221
 AFOSR66-2107
 AFOSR66-1944
 AFOSR66-2000
 AFOSR66-0026
- LISP
- A LISP 1.5 SYSTEM FOR THE M44 COMPUTER FINAL REPORT JAN 1967
 THE M44 AND LISP SYSTEM
 DESIGN AND IMPLEMENTATION OF FLIP A LISP FORMAT DIRECTED LIST PROCESSOR
- AFCL67-0047
 AFCL67-0458
 AFCL67-0514
- LIST
- BURN DOWN LIST MEMORY PROBLEM FINAL REPORT AUG 1966
 STUDY OF A COMPUTER FOR DIRECT EXECUTION OF LIST PROCESSING LANGUAGE FINAL REPORT JAN 1968
 DESIGN AND IMPLEMENTATION OF FLIP A LISP FORMAT DIRECTED LIST PROCESSOR
- AFCL66-0403
 AFCL66-0063
 AFCL67-0514
- LIST-STORAGE
- ONE-WAY REAL-TIME LIST-STORAGE LANGUAGES
- AFCL67-0078
- LISTENING
- RECEIVER OPERATING CHARACTERISTICS DETERMINED UNDER SEVERAL INTERAURAL CONDITIONS OF LISTENING
- AFOSR67-1861
- LITERATURE
- THE ROLE OF LITERATURE: THEORY AND PREDICTIONS IN CHEMISTRY
 LASER DAMAGE A SELECTED LITERATURE SURVEY
 APPLICATION OF AUTOMATIC LITERATURE ANALYSIS TECHNIQUES TO PSYCHIATRIC INTERVIEWS
 SYSTEMS MANUAL FOR THE EXPERIMENTAL LITERATURE COLLECTION AND REFERENCE RETRIEVAL SYSTEM OF THE CENTER FOR THE
 AN EXPLORATORY REVIEW AND CRITIQUE OF THE LITERATURE RELATING TO TRENDS AND CHANGES IN HIGHER EDUCATION FINAL REPORT
 MACROSCOPIC FINITE VISCOELASTIC INSTABILITIES-A LITERATURE SURVEY
 PLAN FOR IMPLEMENTING AN INFORMATION SYSTEM FOR MARINE SCIENCES LITERATURE
- ARL 66-1011
 AFCL67-0137
 AFOSR67-2019
 AFOSR67-1676
 AFOSR66-1847
 AFOSR67-1086
 AFOSR66-2578
- LITHIUM
- LITHIUM OBSERVATIONS IN THE PLEIADES AND IN F STARS IN THE FIELD
 RESPONSE OF LITHIUM DRIFTED SILICON RADIATION DETECTORS TO HIGH ENERGY CHARGED PARTICLES
 THE ABUNDANCES OF LITHIUM AND BERYLLIUM IN SOME F DWARFS AND K GIANTS
 SLOW SCATTERING OF LITHIUM BY A SPIKE OF MOLECULES I DIATONICS
 SIMPLE AND FUNCTION FOR THE LITHIUM MOLECULE
 LOCALIZED VIBRATIONAL MODES OF LITHIUM IN LITHIUM-DIFFUSED P-TYPE GAAS
 RADIATION DAMAGE NEAR THE EDGE IN LITHIUM DOPED COSE
 CHARGE COLLECTION EFFICIENCIES FOR LITHIUM DRIFTED SILICON AND GERMANIUM DETECTORS IN THE X-RAY ENERGY REGION
 HEATS OF FORMATION OF THE FLUORIDES OF LITHIUM SODIUM AND POTASSIUM
 LATTICE DYNAMICS AND THERMAL PROPERTIES OF LITHIUM HYDRIDE AND LITHIUM DEUTERIDE CRYSTALS
 HYPERFINE SPLITTING OF THE GROUND STATE OF LITHIUM
 GEOMETRY OF MOLECULES III OXYGEN DIFLUORIDE LITHIUM OXIDE HYDROGEN HYPOFLUORITE LITHIUM HYDROXIDE
 SPECTROSCOPIC CONSIDERATIONS OF CHROMIUM DOPED LITHIUM GERMANATE AS A POSSIBLE LASER MATERIAL
 THE HYPERFINE STRUCTURE OF THE 2P 2P LEVELS OF LITHIUM
 THE CHEMISTRY OF CARBANIONS IX THE POTASSIUM AND LITHIUM ENOLATES DERIVED FROM CYCLIC KETONES
 EVIDENCE FOR THE EXISTENCE OF THE HYPERNUCLEUS OF LITHIUM SIX
 CALCULATIONS OF THE DOUBLET-S GROUND STATE OF THE LITHIUM ATOM USING WAVE FUNCTIONS OF HILLERAA-S-TYPE
 STUDY OF THERMAL NEUTRON CAPTURE GAMMA RAYS USING A LITHIUM DRIFTED GERMANIUM SPECTROMETER
 HEAT OF FORMATION AND TRANSITION TEMPERATURES OF SOLID LITHIUM HEXAFLUOROALUMINATE
 ENERGY CALCULATION OF THE METASTABLE STATE OF HELIUM ION AND LITHIUM
 LATTICE DYNAMICS AND THERMAL PROPERTIES OF LITHIUM HYDRIDE AND LITHIUM DEUTERIDE CRYSTALS
 OSCILLATIONS IN THE TOTAL CROSS SECTION FOR RESONANT CHARGE TRANSFER IN LITHIUM - LITHIUM ION COLLISION
 ACIDITY OF HYDROCARBONS XII EQUILIBRIUM ACIDITIES OF SOME HYDROCARBONS TOWARDS LITHIUM CYCLOHEXYLAMINE IN
 GEOMETRY OF MOLECULES III OXYGEN DIFLUORIDE LITHIUM OXIDE HYDROGEN HYPOFLUORITE LITHIUM HYDROXIDE
- AFOSR67-0624
 AFOSR66-1675
 AFOSR67-0386
 AFOSR66-2420
 AFOSR66-1069
 AFOSR67-2216
 ARL 67-1792
 AFOSR66-1676
 AFOSR67-1985
 AFOSR67-1127
 AFOSR66-2656
 AFOSR67-2464
 AFCL66-0370
 AFCL66-0537
 AFOSR67-1427
 AFOSR66-1246
 AFOSR66-2570
 AFCL67-0104
 AFOSR67-1084
 AFOSR67-1308
 AFOSR67-1127
 AFOSR66-1980
 AFOSR67-0730
 AFOSR67-2464
- LITHIUM-DIFFUSED
- LOCALIZED VIBRATIONAL MODES OF LITHIUM IN LITHIUM-DIFFUSED P-TYPE GAAS
- AFOSR67-2216
- LITHIUM-DRIFTED
- THE LINEARITY OF THE CHARGE CONVERSION FUNCTION FOR COOLED LITHIUM-DRIFTED SILICON DETECTORS IN RESPONSE TO X-RAY AND
- AFOSR67-1948
- LITTLE
- INHOMOGENEOUS COMPLETION OF NON-COMPACT SEMISIMPLE GROUPS WITH THE MAXIMAL COMPACT SUBGROUP AS LITTLE GROUP
- AFOSR67-0473
- LIVER
- THE FORMATION OF VERDOHAEMOCHROME FROM PYRIDINE PROTOHAEMOCHROME BY EXTRACTS OF RED ALGAE AND OF LIVER
- AFOSR66-0532
- LIVING
- ELECTRON MICROSCOPY OF LIVING INSECTS
 ON THE FORMULATION OF CONSTITUTIVE EQUATIONS FOR LIVING SOFT TISSUES
- AFOSR66-0077
 AFOSR67-2509
- LLOYD
- DECISION PROCESSES IN RETRIEVAL FROM MEMORY COMMENT ON THE CONTRIBUTIONS OF LLOYD R PETERSON AND CHARLES N COPER
- AFOSR67-2232

CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL SHELLS OF THE EFFECT OF A UNIFORMLY DISTRIBUTED LATERAL LOAD UPON THE BUCKLING OF A CONTINUOUSLY SUPPORTED BEAM ON NONLINEAR STEADY-STATE SOLUTIONS IN MOVING LOAD PROBLEMS
TRANSIENT MOTION OF AN ELASTIC HALF-SPACE DUE TO A MOVING SURFACE LINE LOAD
THE INFLUENCE OF DAMPING ON THE SHAPING OF A SHALLOW ARCH UNDER A STEP PRESSURE LOAD
FURTHER RESEARCH ON THE EFFECT OF TEST MACHINE EXTENSIONAL RIGIDITY ON THE INITIAL BUCKLING LOAD OF UNIFORMED RING DEFORMATIONS OF A CYLINDRICAL MEMBRANE LOADED BY A UNIFORM INTERNAL PRESSURE AND AN AXIAL LOAD

LOADED

SCATTERING FROM AN IMPEDANCE LOADED SLOTTED CYLINDER
FINITE DEFORMATIONS OF A CYLINDRICAL MEMBRANE LOADED BY A UNIFORM INTERNAL PRESSURE AND AN AXIAL (AND
ON MARTIN LUTHER KING JR RESPONSE TIME OF IMPULSIVELY LOADED RIGID-PLASTIC STRUCTURES
THE STRESS INTENSITY FACTORS FOR A GRIFITH CRACK WHOSE SURFACES ARE LOADED ASYMMETRICALLY
THE DETERMINATION OF THE STRESS INTENSITY FACTORS OF A PAIR OF COPLANAR GRIFITH CRACKS WHOSE SURFACES ARE LOADED

4P C 01 00-0000
 4P C 01 00-0000
 4P C 01 00-0000
 4P C 01 00-0000
 4P C 01 00-0000

EFFECT OF GAPS ON THE LOADING DISTRIBUTION OF PLANAR LIFTING SURFACES
INVESTIGATION OF REACTIVE LOADING FINAL REPORT JAN 1968
NETWORK THEORY PROBLEMS IN IMPEDANCE LOADING
SIMPLE INSTABILITY MECHANISMS FOR DYNAMIC LOADING FINAL REPORT MAR 1968
REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING QUB
REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING QUB
REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING QUB FINAL REPORT JAN 1968
INVESTIGATION OF PLATES AND SHELLS UNDER EXTERNAL LOADING AND ELEVATED TEMPERATURES FINAL REPORT MARCH 1967
MODIFICATION OF BACKSCATTERING OF A LOOP BY IMPEDANCE LOADING
SCATTERING OF UNDIFFERENTIATED CONICAL SHELLS UNDER COMBINED LOADING
REDUCTION OF RADAR CROSS SECTION OF A SPHERICAL RING UNDER DISTRIBUTED LOAD VS
REDUCTION OF BACKSCATTERING FROM THE INFINITE CONE AND THE SPHERE BY IMPEDANCE LOADING
NON-EXISTENCE OF A SHAR-THROUGH FOR CLAMPED SHALLOW ELASTIC ARCHES SUBJECTED TO IMPULSIVE LOADING

AF 050408-1007
 AF 050409-0800
 AF 050409-0827
 AF 050409-0840
 AF 050409-0850
 AF 050409-0930
 AF 050409-0935
 AF 050409-0945
 AF 050409-0951
 AF 050409-0954
 AF 050409-0959
 AF 050409-1000
 AF 050409-1008
 AF 050409-1010

LOW BUCKLING LOADS OF AXIALLY COMPRESSED CONICAL SHELLS
LONG CYLINDRICAL SHELL UNDER LOADS APPLIED TO A REINFORCING RING
RESPONSE OF CYLINDRICAL SANDWICH SHELLS TO MOVING LOADS

AFOSR-1404
AFOSR-2921
AFOSR-1423

THE PEDUNCLE LOBE A VISUO-MOTOR CENTRE IN OCTOPUS
LEVELS OF RESPONSIVENESS TO FOOD OR ITS ABSENCE AND THE VERTICAL LOBE CIRCUIT OF OCTOPUS VULGARIS LAMARCK

▲附註事項 一、本報告係根據「中華民國統計年報」及「中華民國統計年報」之資料編製。
二、本報告係根據「中華民國統計年報」及「中華民國統計年報」之資料編製。

LOCAL MODE STUDIES OF LI-DEFECT COMPLEXES IN Ga-As AND Si PAIRS IN SI FINAL REPORT APR 1968
LOCAL THERMODYNAMIC EQUILIBRIUM MODEL ATMOSPHERE WITH LINE BLANKETING REVIEW AND FUTURE PROSPECTS
LOCAL MODE ABSORPTION IN COMPENSATED SILICON-DOPED GALLIUM ARSENIDE
LOCAL WEIGHTS WHICH DETERMINE AREA AND THE ISING MODEL
LOCAL MODES AND RESONANCE SCATTERING OF LATTICE WAVES DUE TO POINT DEFECTS OPTICAL AND THERMAL PROPERTIES OF IMPERFECT
LOCAL BEHAVIOR OF SOLUTIONS OF QUASILINEAR PARABOLIC EQUATIONS
THE LOCAL RING OF THE GENUS THREE MODULUS SPACE AT KLEIN'S 168 SURFACE
THE LOCAL MAXIMUM THEOREM FOR THE COEFFICIENTS OF UNIVALENT FUNCTIONS
THE NMR LOCAL MAGNETIC FIELD SHIFT IN SOLID KRYPTON
FORMATION OF LOCAL MAGNETIC MOMENTS IN METALS
A PERSISTENT LOCAL MAXIMUM OF THE PTH POWER DEVIATION ON AN INTERVAL π IS LESS THAN ONE
S-MATRIX THEORY OF LOCAL MOMENTS
SCHWINGER TERMS FROM LOCAL CURRENTS
REPRESENTATION THEORY OF LOCAL CURRENT ALGEBRAS
PRELIMINARY CALCULATIONS OF LOCAL MODES IN CO2
DETERMINATION OF DEPARTURES FROM LOCAL THERMODYNAMIC EQUILIBRIUM IN ARC PLASMAS FINAL REPORT MARCH 1967
SPACE-TIME SINGULARITIES AND THEIR LOCAL CHARACTERIZATION
OFF-ENERGY-SHELL T-MATRIX ELEMENTS FOR LOCAL POTENTIALS CONTAINING HARD CORES
INTERFEROMETER EXPERIMENT WITH INDEPENDENT LOCAL OSCILLATORS
ELECTRICAL RESISTIVITY OF OLIVINE UNDER LOW-TEMPERATURE LOCAL EXCHANGE ENHANCEMENT EFFECTS
AN INTERTEMPORAL ANALYSIS OF THE DEFENSE IMPACT UPON A LOCAL COMMUNITY CASE STUDY OF EL PASO COUNTY COLORADO 1961-1968
DERIVATION OF RENORMALIZED RELATIVISTIC PERTURBATION THEORY FROM FINITE LOCAL FIELD EQUATIONS

AFCSMB 88-2140
AFCSMB 7-0319
AFCSMB 7-0479
AFCSMB 7-2866
AFCSMB 8-1804
AFCSMB 8-2467
AFCSMB 7-2368
AFCSMB 8-0480
AFCSMB 7-0887
AFCSMB 8-0425
AFCSMB 8-1160
AFCSMB 8-0584
AFCSMB 8-0769
AFCSMB 8-0970
AML 67-1321
AML 67-0000
AML 67-1398
AFCSMB 8-2973
AFCSMB 7-2410
AFCSMB 8-0930
SML 68-0001
AFCSMB 7-2408

NUCLEAR MAGNETIC RESONANCE LOCAL-MAGNETIC-FIELD SHIFT IN SOLID XENON

AF05267-0029

SOME LOCAL-MODE MEASUREMENTS OF LI-DIFFUSED TE-DOPED GaS

AP 93897-2215

LOCAL-MOMENT FORMATION AND THE Kondo EFFECT

AF 03000-2420

POSITION OPERATORS AND LOCALIZABILITY OF QUANTUM SYSTEMS

APL 66-1000

LOCALIZATION OF NONDIMERIC NEURONS IN THE CENTRAL NERVOUS SYSTEM OF ASTACUS ASTACUS LINNE /CRUSTACEA/
LOCALIZATION OF SPIKE-PRODUCING CELLS IN THE PRG OF RETINA
ANATOMICAL LOCALIZATION OF TARGET LEARNING AND MEMORY FINAL REPORT NOV 1967
SOME REMARKS ABOUT THE LOCALIZATION OF STATES IN A QUANTUM FIELD THEORY
THE ELECTRONIC COMPUTER PROGRAM FOR LOCALIZATION OF NEAR SEISMIC IN THE IBERIAN PENINSULA REGION

AFOSM67-0109
AFOSM67-2707
AFOSM67-2800
AFOSM67-7013
AFOSM67-2130

LOCALIZED VIBRATIONAL MODE ABSORPTION OF PHOSPHORUS IN GALLIUM ARSENIDE
LOCALIZED DIAGNOSTIC POSSIBILITIES OF SELECTIVE EXCITATION SPECTROSCOPY
LOCALIZED VIBRATIONAL MODES OF LITHIUM IN LITHIUM-DIFFUSED p-TYPE GASES
INTERACTION OF LOCALIZED VIBRATIONS WITH PLASMONS IN A POLAR SEMICONDUCTOR
OBSERVATION OF LOCALIZED PHONON MODES OF SUPERCONDUCTIVE TUNNELING
A NEW APPROACH TO LOCALIZED PHONONS
OPTICAL STUDIES OF LOCALIZED MAGNETONS AND EXCITONS
SPIN WAVE SIDE BANDS OF LOCALIZED EXCITONS
SPIN POLARIZATION AROUND A LOCALIZED MAGNETIC IMPURITY IN A MAGNETIZED METAL
ZERO PHONON LINES IN DIAMOND AND LOCALIZED MODES
FINANCIALLY EFFECTIVE EXCHANGE INTERACTION DUE TO LOCALIZED SPINS IN DILUTE ALLOYS AND RARE EARTH METALS
IMPURITY-INDUCED SECOND-HARMONIC INFRARED ABSORPTION AND RAMAN SCATTERING BY U-CENTER LOCALIZED MODES IN ALKALI-HALIDES

AFOSM67-0636
AFOSM67-1022
AFOSM67-2214
AFOSM68-0039
AFOSM68-1595
AFOSM68-1606
AFOSM68-2005
AFOSM68-2009
AFOSM68-0509
AFOSM67-0139
AFOSM68-1073
AFOSM68-0023

| | |
|--|--------------|
| LOCALIZING | |
| REGIONAL DISTRIBUTION IN ESOPHAGEAL TEMPERATURE AND ITS USE IN LOCALIZING GASTROINTESTINAL ORGANS AND MONITORING CENTRAL | AFOSR67-0276 |
| LOCALLY | |
| ASYMPTOTICALLY LOCALLY MOST POWERFUL RANK ORDER TEST STATISTICS | ARL 68-1267 |
| UNIFORM DISTRIBUTION IN LOCALLY COMPACT ANALYTIAN GROUPS | AFOSR68-2295 |
| FLUCTUATIONS OF A PLANE WAVE PROPAGATING THROUGH A LOCALLY HOMOGENEOUS MEDIUM | AFCL68-0133 |
| LOCALLY-DISTRIBUTED | |
| A LOCALLY-DISTRIBUTED ASSOCIATIVE MEMORY NETWORK | AFOSR68-0950 |
| LOCALIZED | |
| ON TWO ARBITRARILY LOCATED IDENTICAL PARALLEL ANTENNAS | AFCL67-0260 |
| LOCATION | |
| RESULTS ON LOCATION AND SCALE PARAMETER ESTIMATION WITH APPLICATION TO THE EXTREME-VALUE DISTRIBUTION | ARL 67-0023 |
| EFFECT OF SIZE AND LOCATION OF INFORMATION TRANSFORMS UPON SHORT TERM RETENTION | AFOSR67-1811 |
| WILCOXON CONFIDENCE INTERVALS FOR LOCATION PARAMETERS IN THE DISCRETE CASE | AFOSR67-1409 |
| SIMULTANEOUS LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE EXTREME-VALUE DISTRIBUTION USING SELECTED | ARL 67-1004 |
| CERTAIN GENERAL PROPERTIES OF UNBIASED ESTIMATES OF LOCATION AND SCALE PARAMETERS BASED ON ORDERED OBSERVATIONS | AFOSR68-1634 |
| POINT INTERVAL ESTIMATION FROM ONE-ORDER STATISTIC OF THE LOCATION PARAMETER OF AN EXTREME-VALUE DISTRIBUTION WITH | ARL 67-0027 |
| LOCATIONS | |
| THE JUNE 21 1967 EARTHQUAKE SERIES AT FAIRBANKS ALASKA AFTERSHOCK LOCATIONS DEPTHS AND MAGNITUDES | AFOSR67-2660 |
| LOCATIVE | |
| A SEMANTIC ANALYSIS OF ENGLISH LOCATIVE PREPOSITIONS | AFCL68-0056 |
| LOCKS | |
| IN DEGRADATION OF COMBINATION LOCKS AND THE MAXIMUM TIME TO OPEN THEM | ARL 67-1269 |
| MATHEMATICAL PROPERTIES ASSOCIATED WITH COMBINATION LOCKS. FINAL REPORT MARCH 1968 | ARL 68-0950 |
| LOCOMOTION | |
| THE EFFECTS ON LOCOMOTION OF LESIONS TO THE VISUO-MOTOR SYSTEM IN OCTOPUS | AFOSR68-0292 |
| FINITE STATE CONTROL OF QUADRUPEL LOCOMOTION | AFOSR68-1320 |
| SOME FINITE STATE ASPECTS OF LEGGED LOCOMOTION | AFOSR68-1764 |
| AUTOMATIC CONTROL SYSTEMS FOR LEGGED LOCOMOTION MACHINES | AFOSR68-1340 |
| LOCOMOTORY | |
| OPTIMOTOR REACTION LOCOMOTORY BIAS AND REACTIVE INHIBITION IN THE MILKWEEF PUG ONCOPELTUS AND THE BEETLE ZOPHOBAS | AFOSR67-1344 |
| OPTIMOTOR REACTION LOCOMOTORY BIAS AND REACTIVE INHIBITION IN THE MILKWEEF BUG ONCOPELTUS AND THE BEETLE ZOPHOBAS | AFOSR68-1691 |
| LOCUS | |
| SEMI-ANALYTIC APPROACH TO ROOT LOCUS | AFOSR67-0463 |
| BRIGHTNESS AS A FUNCTION OF RETINAL LOCUS IN THE LIGHT- ADAPTED EYE | AFOSR68-1651 |
| LOG-PERIODIC | |
| HIGH GAIN LOG-PERIODIC ANTENNAS | AFCL67-0325 |
| DISPERSION RELATIONS OF PERIODIC AND LOG-PERIODIC DIPOLE ARRAYS WITH PARASITIC ELEMENTS | AFCL67-0369 |
| ARRAYS OF UNEQUAL AND UNEQUALLY SPACED DIPOLES WITH APPLICATION TO THE LOG-PERIODIC ANTENNA | AFCL67-0036 |
| LOGARITHM | |
| ON THE LAW OF THE ITERATED LOGARITHM FOR CONTINUED FRACTIONS | AFOSR67-1322 |
| LOGARITHMIC | |
| LOGARITHMIC DENSITY BEHAVIOR OF A NON-EQUILIBRIUM BOLTZMANN GAS | AFOSR67-2665 |
| A HIGH PRECISION LOGARITHMIC AMPLIFIER USING SAMPLING TECHNIQUES | AFCL68-0191 |
| A CONSTANT BANDWIDTH WIDE RANGE TRANSISTORIZED LOGARITHMIC AMPLIFIER | AFCL67-0186 |
| LOGIC | |
| LOGIC NETS THEIR CHARACTERIZATION RELIABILITY AND EFFICIENT SYNTHESIS FINAL REPORT OCT 1967 | AFCL67-0619 |
| LOGIC DESIGN TECHNIQUES FOR PROPAGATION LIMITED NETWORKS FINAL REPORT NOV 1967 | AFCL68-0002 |
| LOGIC FUNCTIONS AND SEQUENTIAL MACHINES | AFOSR67-0667 |
| LOGIC HAZARDS IN THRESHOLD NETWORKS | AFOSR68-1107 |
| LOGIC OF DISCOVERY FINAL REPORT JULY 1968 | AFOSR68-2796 |
| UNIVERSAL LOGIC CIRCUITS AND THEIR MODULAR REALIZATIONS | AFOSR68-1559 |
| INTEGRATED LOGIC NETS FINAL REPORT JAN 1967 | AFCL67-0006 |
| INTEGRATED LOGIC NETWORKS FINAL REPORT OCT 1968 | AFCL68-0510 |
| THE ROLE OF LOGIC AND MATHEMATICS IN CHEMISTRY | ARL 68-1014 |
| MULTIPURPOSE LOGIC CELL STUDY FINAL REPORT OCT 1968 | AFCL68-0594 |
| INVESTIGATION OF LOGIC CIRCUIT COMPLEXES UNIVERSAL FUNCTION MODULES FINAL REPORT APR 1967 | AFCL67-0243 |
| THEORY OF CELLULAR LOGIC NETWORKS AND MACHINES FINAL REPORT JAN 1968 | AFCL68-0148 |
| AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS | AFOSR67-1593 |
| AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS | AFOSR68-1178 |
| FUNDAMENTALS OF THRESHOLD LOGIC | AFCL68-0066 |
| NEW PROOFS OF OLD THEOREMS IN LOGIC AND FORMAL LINGUISTICS | AFOSR67-2617 |
| PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE | AFCL67-0463 |
| PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE FINAL REPORT NOV 1967 | AFCL68-0005 |
| FINITE NET STRUCTURES AND PROPOSITIONAL LOGIC | AFOSR67-1525 |
| AN ADAPTIVE COMPUTING SYSTEM FOR THE SYNTHESIS OF THRESHOLD LOGIC NETWORKS | AFOSR68-0039 |
| REALIZATION OF A CLASS OF SWITCHING FUNCTIONS BY THRESHOLD- LOGIC NETWORKS | AFOSR68-1869 |
| IMPLEMENTATION OF LIE GROUP TRANSFORMS OF SPATIAL DATA ON PARALLEL LOGIC ARRAYS | AFCL68-0443 |
| LOGICAL | |
| DECISION-THEORETIC PSYCHOMETRICS A LOGICAL ANALYSIS OF GUESSING | AFOSR68-2154 |
| DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES ENTITY TABLE DESIGN FINAL REPORT FEB 1968 | AFCL68-0126 |
| DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM PROGRAM MANUAL FINAL REPORT FEB 1968 | AFCL68-0129 |
| DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM OPERATORS MANUAL FINAL REPORT FEB | AFCL68-0130 |
| DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES TIME-SHARING INPUT-OUTPUT EXECUTIVE /IDE/ | AFCL68-0131 |

LOGISTIC

ARL 67-0258
ARL 67-0255
ARL 67-0261
ARL 67-1003
ARL 67-0184
ARL 67-1002
ARL 67-0296

ESTIMATION OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION
ON THE BIVARIATE MOMENTS OF ORDER STATISTICS FROM A LOGISTIC DISTRIBUTION
BEST LINEAR UNBIASED ESTIMATORS OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION USING ORDER STATISTIC
DEVIATIONS CONDITIONAL ESTIMATION OF THE STANDARD OF THE NORMAL AND LOGISTIC DISTRIBUTIONS FROM DOUBLY CENSORED
MAXIMUM-LIKELIHOOD ESTIMATION FROM CENSORED SAMPLES OF THE PARAMETERS OF A LOGISTIC DISTRIBUTION
SIMULTANEOUS LINEAR ESTIMATION OF THE MEAN AND STANDARD DEVIATION OF THE NORMAL AND LOGISTIC DISTRIBUTION BY THE USE
EXACT MOMENTS AND PERCENTAGE POINTS OF THE ORDER STATISTICS AND THE DISTRIBUTION OF THE RANGE FROM THE LOGISTIC

LOGNORMAL

AFCL67-0432

STATISTICAL DESCRIPTION OF A CLASS OF NONGAUSSIAN CHANNELS USING EXPANSIONS BASED ON THE LOGNORMAL DISTRIBUTION

LOKI-DART

AFCL68-0622

RALLUTE DEVELOPMENT FOR LOKI-DART AND ARCAE MCKEYSOODES FINAL REPORT NOV 1968

LOMNITZ

AFCL69-0162

COMMENT ON PAPER BY C LOMNITZ /STATISTICAL PREDICTION EARTHQUAKES/

LONDON

AFOSR67-1167

THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE FINAL REPORT MAY 1967

LONG

AFOSR67-0023

THE SIZE OF A LONG PAIR OF ELECTRONS EVIDENCE FOR AN AXIAL T-BUTYL GROUP

LONG-PAIR

AFOSR67-0641

THE LONG-PAIR MODEL AND THE VIBRATIONAL FORCE CONSTANTS OF NITROGEN TRIFLUORIDE

LONG

AFCL67-0179

LONG RICH COOFS ARE HAD

AFOSR67-0104

LONG RANGE SPIN-POLARIZATION IN THE KONOZO EFFECT

AFOSR67-2583

LONG CYLINDRICAL SHELL UNDER LOADS APPLIED TO A REINFORCING RING

AFOSR68-1508

LONG RANGE RECORDS OF LAKE SUPERIOR 1966 SHOT POINTS FINAL REPORT JAN 1968

AFOSR68-2373

LONG RANGE NAVIGATION IN ANIMALS FINAL REPORT SEPT 1968

ARL 67-1138

NARROW BAND LONG RANGE COLOR TELEVISION SYSTEM INCORPORATING COLOR ANALYZER

AFCL67-0361

PROPAGATION OF LONG ELECTROMAGNETIC WAVES THROUGH ROCK

AFCL67-0449

PROPAGATION OF A LONG PERIOD SEISMOGRAPH NETWORK UTILIZING MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON

AFOSR67-1941

ACTIVATION AND LONG TERM PERFORMANCE

AFOSR68-1672

SHORT TERM AND LONG TERM MEMORY PROCESSES A FUNCTIONAL MODEL OF FRONTO-TEMPORAL RELATIONSHIPS FINAL REPORT JULY 1968

AFOSR67-2600

A COMPARISON OF LONG SHOT AND EARTHQUAKES FINAL REPORT AUG 1967

AFOSR67-0434

MAGNETIC REFRACTION IN THE LONG DVA PERIODS IN ZINC

AFCL68-0553

RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC

AFOSR67-2050

THE INFLUENCE OF ROTATION ON FLOW IN A LONG RECTANGULAR CHANNEL - AN EXPERIMENTAL STUDY

AFCL67-0351

RANDOM SCATTERING OF QUASIMONOCROMATIC RADIATION IN A LONG TRANSMISSION LINE

AFCL68-0780

ON THE SCATTERING AND THE MODIFICATION OF SCATTERING OF WAVES FROM A LONG WIRE

LONG-CHAIN

AFOSR67-2369

THE DAMPING OF TURBULENT FLOW BY LONG-CHAIN MOLECULES

LONG-DISTANCE

AFOSR68-2750

A LONG-DISTANCE COINCIDENCE RADIO-PULSE EXPERIMENT

LONG-PERIOD

AFOSR68-2152

DEVELOPMENT OF A THREE-AXIS LONG-PERIOD SEISMOGRAPH

LONG-RANGE

AFOSR67-2373

LONG-RANGE 312 SUPER IN SPIN-SPIN COUPLINGS IN BENZYL AND TOLYL PHOSPHORUS COMPOUNDS

AFOSR68-0974

LONG-RANGE FORCES FROM NEUTRINO-PAIR EXCHANGE

AFOSR67-1931

FAR-INFRARED MEASUREMENT OF LONG-RANGE ORDERED IN A DISPLACIVE PHASE TRANSITION

AFCL68-0209

COLLECTIVE METHODS FOR SYSTEMS WITH LONG-RANGE COHERENCE FINAL REPORT MAR 1968

AFOSR68-2874

ELECTRON SPIN RESONANCE OF DEFLUOROCYCLOUTANONE KETYL LONG-RANGE FLUORINE COUPLING

AFOSR69-0998

SHAPE DEPENDENCE OF THE SPECIFIC HEAT OF MAGNETIC SYSTEMS WITH LONG-RANGE INTERACTIONS

LONG-WAVE

AFOSR67-0590

THE PRESSURE-FLOW RELATIONSHIP IN LONG-WAVE PROPAGATION IN LARGE ARTERIES

LONGITUDINAL

AFOSR67-2036

LONGITUDINAL SOUND VELOCITIES OF GRANULAR COMPOSITS OF AMMONIUM PERCHLORATE AND POTASSIUM CHLORIDE

AFOSR68-0722

LONGITUDINAL MAGNETOACOUSTIC EFFECT IN ALUMINUM

AFOSR68-2682

LONGITUDINAL AND TRANSVERSE DIFFUSION COEFFICIENTS OF MASS-IDENTIFIED N AND NP POSITIVE IONS IN NITROGEN

AFOSR68-1065

HIGHER ORDER APPROXIMATIONS IN THE THEORY OF LONGITUDINAL PLASMA OSCILLATIONS

AFCL67-0579

SIGNAL DISTORTION IN ANISOTROPIC HOMOGENEOUS IONIZED MEDIA I LONGITUDINAL MAGNETIC FIELD

AFOSR67-2605

A STUDY OF THE STRUCTURE OF THE TURBULENT BOUNDARY LAYER WITH AND WITHOUT LONGITUDINAL PRESSURE GRADIENTS

LOOP

AFCL67-0180

THE CLOSED LOOP CHARACTERISTICS OF AN AUTOMATIC DIRECT READOUT IMPEDANCE BRIDGE

AFCL67-0429

MODIFICATION OF BACKSCATTERING OF A LOOP BY IMPEDANCE LOADING

AFOSR68-2788

TAKING PERFORMANCE COSTS OF CONTROL LOOP HARDWARE

AFOSR67-0830

EQUUM PROBABILITIES IN PCEW WITH PHASE-LOCK LOOP DISCRIMINATORS

LOOPS

AFOSR68-0166

ORIGIN OF CONSTRICTED MAGNETIZATION LOOPS IN HARD-ROLLED NICKEL AT LOW TEMPERATURES

AFOSR67-0693

DIRECT EVIDENCE OF PERSISTENT CURRENT LOOPS IN HARD SUPERCONDUCTING WIRE

AFOSR67-0372

LC-TIME BEHAVIOR OF WEAK SUPERCONDUCTING LOOPS

LORENTZ

AFOSR69-1028

LORENTZ TRANSFORMATIONS IN PHASE SPACE AND IN PHYSICAL SPACE

AFOSR67-2154

DIFFRACTION EFFECTS IN LORENTZ MICROSCOPY

AFOSR67-2663

DIRECT OBSERVATION OF HOLY-DIRING LORENTZ WIDTHS AND COLLISION BROADENING USING STIMULATED EMISSION TECHNIQUES

AFOSR68-1237

ON THE ϵ ELECTRICAL CONDUCTIVITY OF A LORENTZ GAS

ARL 68-0337

ELECTROSTATIC RELAXATION WAVES IN AN ISOTROPIC LORENTZ GAS

AFOSR68-2212

FREE MASSLESS FIELDS AS INFINITE-DIMENSIONAL REPRESENTATIONS OF THE LORENTZ GROUP

| | |
|---|--------------|
| LORENTZ-INVARIANT | |
| LORENTZ-INVARIANT METHOD OF GRAVITATIONAL PERTURBATION | ARL 68-0728 |
| LORENTZ-LORENTZ | |
| LORENTZ-LORENTZ FUNCTION FOR SOLID ARGON | AFOSR67-1598 |
| LORENTZ-POLE | |
| SU(2) SYMMETRY EXCHANGE OF GEMINACY AND LORENTZ-POLE CLASSIFICATION OF CONSPIRATOR FAMILIES | AFOSR68-1483 |
| LORENTZIAN | |
| TEMPERATURES LORENTZIAN WIDTHS AND DRIFT VELOCITIES IN THE ARGON-ION LASER | AFOSR67-0323 |
| LOSS | |
| LOSS MEASUREMENT OF ORGANIC MATERIALS AT 6330 ANGSTROMS | AFOSR68-0082 |
| ENERGY LOSS MECHANISMS OF PARTICLES IN SEMICONDUCTORS FINAL REPORT FEB 1968 | AFOSR68-0344 |
| MICROWAVE LOSS IN A REFLEX PLASMA DISCHARGE | AFOSR68-0091 |
| DETERMINATION OF LOSS AND TRANSPORT IN THE HIGH-TIME F- REGION FROM BACKSCATTER N-H PROFILES | AFOSR67-2662 |
| STUDIES IN STELLAR EVOLUTION VI EVOLUTION OF A SOLAR MASS RED GIANT WITH MASS LOSS | AFOSR68-2684 |
| LOSSES | |
| LOSSES IN RUBY LASERS THE SPHERICAL-MIRROR PARRY-PEROY INTERFEROMETER FINAL REPORT DEC 1967 | AFCL68-0061 |
| LOSSES IN PLASMA ACCELERATION | AFOSR68-0004 |
| MAGNETIC LOSSES IN SUPERCONDUCTORS AT HIGH FREQUENCIES | AFOSR67-0766 |
| ANALYSIS OF DIFFUSION AND RECOMBINATION LOSSES IN THE NEGATIVE GLOW | ARL 68-1448 |
| LOSSLESS | |
| A REALIZABILITY THEORY FOR SMOOTH LOSSLESS TRANSMISSION LINES | AFOSR67-1317 |
| LOSSY | |
| POWER FLOW FROM A SHORT ANTENNA IN A LOSSY UNIAXIAL MEDIUM | AFCL68-0573 |
| RADIO LINKS AND ANTENNAS IN BOUNDED OR BOUNDED LOSSY MEDIA FINAL REPORT JAN 1967 | AFCL67-0187 |
| LOUDNESS | |
| LOUDNESS AS A FUNCTION OF THE DURATION OF AUDITORY STIMULATION | AFOSR68-2557 |
| ADAPTATION OF LOUDNESS TO MONAURAL STIMULATION | AFOSR67-1450 |
| A FURTHER STUDY OF THE TEMPORAL INTEGRATION OF LOUDNESS | AFOSR68-2204 |
| LOVE | |
| LOVE WAVE SPECTRA AND THE MECHANISM OF THE 1966 PARKFIELD SEQUENCE | AFOSR68-1432 |
| LOW-ALTITUDE | |
| DETERMINATION OF PATH RADIANCE FOR DOWNWARD PATH OF SIGHT FROM GROUND-BASED OR LOW-ALTITUDE MEASUREMENT | AFCL68-0394 |
| LOW-BETA | |
| A NONLINEAR COMPUTER MODEL APPLICABLE TO LOW-BETA PLASMA INTERCHANGE MODES IN TWO DIMENSIONS | AFOSR68-0079 |
| LOW-CONVECTIVE | |
| AMMONIUM PERCHLORATE-BASED PROPELLANT IGNITION BY LOW-CONVECTIVE HEAT FLUXES | AFOSR68-1685 |
| LOW-CURRENT | |
| ANALYSIS AND DESIGN OF MAXIMUM-GAIN LOW-CURRENT JUNCTION FIELD EFFECT TRANSISTOR CONFIGURATIONS | AFCL67-0184 |
| LOW-DENSITY | |
| THEORY OF A LOW-DENSITY ROSE LIQUID | AFOSR68-2433 |
| HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS | ARL 68-1108 |
| COMMENT ON THE USE OF LANGMUIR PROBES FOR LOW-DENSITY PLASMA DIAGNOSTICS | ARL 68-0094 |
| SURFACE MEASUREMENTS ON SHARP FLAT PLATES AND WINGS IN LOW-DENSITY HYPERSONIC FLOW | AFOSR68-0645 |
| LOW-ENERGY | |
| LOW-ENERGY AURORAL ELECTRONS MEASURED BY SATELLITE OY3-1 | AFCL68-0399 |
| LOW-ENERGY ELECTRON DIFFRACTION STUDIES OF EPITAXIAL GROWTH OF SILVER AND GOLD IN ULTRAHIGH VACUUM | AFOSR67-1173 |
| LOW-ENERGY ELECTRON DIFFRACTION STUDY OF SURFACES OF ANTIMONY AND BISMUTH | AFOSR67-2698 |
| LOW-ENERGY CONSTRAINTS ON PION PRODUCTION AMPLITUDES IN PI NUCLEON SCATTERING | AFOSR68-0198 |
| LOW-ENERGY THEORY FOR PION PHOTOPRODUCTION FROM THE HYPOTHESIS OF PARTIALLY CONSERVED AXIAL-VECTOR CURRENT | AFOSR68-0439 |
| LOW-ENERGY THEOREMS DISPERSION RELATIONS AND SUPERCONVERGENCE SUM RULES FOR COMPTON SCATTERING | AFOSR68-1261 |
| STUDIES OF LOW-ENERGY IONIC COLLISIONS FINAL REPORT NOV 1967 | AFOSR67-2669 |
| HIGH-ORDER LOW-ENERGY THEOREMS FOR NUCLEON COMPTON SCATTERING | AFOSR68-1502 |
| ROCKET MEASUREMENTS OF LOW-ENERGY AURORAL ELECTRON ENERGY SPECTRA FINAL REPORT OCT 1967 | AFCL67-0618 |
| SURFACE LATTICE DYNAMICS OF SILVER I LOW-ENERGY ELECTRON DEBYE-HALLER FACTOR | AFOSR67-0933 |
| SURFACE LATTICE DYNAMICS OF SILVER II LOW-ENERGY ELECTRON THERMAL DIFFUSE SCATTERING | AFOSR67-2475 |
| RESEARCH IN EXPERIMENTAL AND THEORETICAL LOW-ENERGY NUCLEAR PHYSICS FINAL REPORT JAN 1967 | AFOSR67-0608 |
| LOW-ENERGY-ELECTRON | |
| LOW-ENERGY-ELECTRON DIFFRACTION STUDY OF THE EPITAXIAL GROWTH OF SILICON ON SILICON | AFOSR67-2761 |
| LOW-FIELD | |
| LOW-FIELD DE HAAS-VAN ALPHEN STUDY OF THE FERMI SURFACE OF ALUMINUM | AFOSR67-1963 |
| QUANTUM SPECTROSCOPY OF THE LOW-FIELD OSCILLATIONS IN THE SURFACE IMPEDANCE | AFOSR68-1580 |
| LOW-FREQUENCY | |
| LOW-FREQUENCY OSCILLATIONS IN A THERMAL CESIUM PLASMA | AFOSR67-0139 |
| NONCORRELATION OF ANOMALOUS PLASMA TRANSPORT EQUILIBRIUM PLASMA DENSITY AND LOW-FREQUENCY POTENTIAL OSCILLATIONS IN A | AFOSR68-0741 |
| LOW-LYING | |
| LOW-LYING SUPERFLUID STATES IN A ROTATING ANNULUS | AFOSR67-0917 |
| LOW-LYING EXCITED TRIPLET STATES AND INTERSYSTEM CROSSING IN AROMATIC HYDROCARBONS | ARL 67-1069 |
| ENERGY STATES OF LOW-LYING IMPURITIES UNDER STRESS | ARL 68-1371 |
| MOLECULAR ORBITAL STUDIES OF THE GROUND AND LOW-LYING EXCITED STATES OF THE HELIUM HYDRIDE MOLECULAR ION | AFOSR68-2080 |

LOW-MOBILITY
 APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES ARL 68-0234
 APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES ARL 68-0331

LOW-PRESSURE
 AN EXPERIMENTAL STUDY OF THE FLOW IN A LOW-PRESSURE SWIRL CHAMBER COLLISIONAL ENERGY TRANSFER THERMAL UNIMOLECULAR SYSTEMS IN THE LOW-PRESSURE REGION ARL 68-0072
 APOSR67-0488

LOW-TEMPERATURE
 LOW-TEMPERATURE SUSCEPTIBILITIES OF RHODIUM AND IRIUM WITH IRON IMPURITIES APOSR67-1532
 LOW-TEMPERATURE SPECIFIC HEAT OF ANTIMONY APOSR67-1845
 LOW-TEMPERATURE SPECIFIC HEAT OF ARSENIC APOSR67-2712
 LOW-TEMPERATURE RESISTIVITY AND THE SIGN OF THE EXCHANGE INTEGRAL APOSR67-2788
 LOW-TEMPERATURE QUANTUM CORRECTIONS TO THE SECOND VIRIAL COEFFICIENT APOSR68-2463
 LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM INTERMETALLIC COMPOUNDS ARL 68-1188
 LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM INTERMETALLIC COMPOUNDS ARL 68-1381
 PHOTOCONDUCTIVITY SPECTRA OF LOW-TEMPERATURE ELECTRON-IRRADIATED GERMANIUM AFCLRL68-0215
 THE INFLUENCE OF AGING ON THE LOW-TEMPERATURE YIELD POINT IN IRON ARL 67-1251
 PRESSURE SHIFTS OF INFRARED LINES LOW-TEMPERATURE SPECTRA OF MOLECULES AND TECHNIQUES OF INTERFERENCE SPECTROSCOPY AFCLRL68-0490
 A STUDY OF THE 4926- AND 5005-A LINES IN THE LOW-TEMPERATURE EMISSION OF CADMIUM SULFIDE ARL 68-1479

LOWER
 LOWER D-REGION ROCKET EXPERIMENTS USING LOW FREQUENCY RADIO WAVE ABSORPTION AFCLRL67-0560
 LOWER BOUNDS AND UNIFORMITY THEOREMS FOR SOLUTIONS OF DIFFERENTIAL EQUATIONS IN A HILBERT SPACE APOSR67-2847
 LOWER BOUND ON THE DECAY RATE FOR MU PAIR PRODUCTION FROM THE ETA PARTICLE APOSR68-0274
 LOWER CASE N SUBSCRIPT J MIXING IN ORIENTED A SUPERSUBSCRIPT 2 P SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY COLLISIONS APOSR68-1073
 LOWER BOUNDS TO ERROR PROBABILITY FOR CODING ON DISCRETE MEMORYLESS CHANNELS II APOSR68-2019
 LOWER BOUNDS FOR EIGENVALUES OF A QUADRATIC FORM RELATIVE TO A POSITIVE QUADRATIC FORM ARL 68-0274
 LOWER ORDER LINEAR FILTERING AND PREDICTION OF NONSTATIONARY RANDOM SEQUENCES FINAL REPORT FEB 1967 SRL 67-0003
 A LOWER BOUND FOR DISCRIMINATION INFORMATION IN TERMS OF VARIATION APOSR67-1250
 A LOWER BOUND FOR PERMANENTS OF 10×11 -MATRICES APOSR68-0646
 A LOWER BOUND FOR THE FIRST EIGENVALUE OF SECOND ORDER ELLIPTIC OPERATORS APOSR68-2001
 UPPER AND LOWER BOUNDS FOR SOLUTIONS TO THE TRANSPORT EQUATION APOSR67-0320
 UPPER AND LOWER BOUNDS AND THE GENERALIZED VARIATION-PERTURBATION APPROACH OF MANY-ELECTRON THEORY APOSR68-2571
 UPPER AND LOWER BOUNDS FOR THE FREQUENCIES OF RECTANGULAR CANTILEVER PLATES ARL 68-0273
 ON MARTIN'S LOWER BOUND FOR RESPONSE TIME OF IMPULSIVELY LOADED RIGID-PLASTIC STRUCTURES APOSR68-1332
 LIDAR-RADAR LOWER ATMOSPHERIC OBSERVATIONS FINAL REPORT DEC 1966 AFCLRL67-0013
 LIDAR-RADAR LOWER ATMOSPHERIC OBSERVATIONS FINAL REPORT NOV 1966 AFCLRL68-0566
 CONTINUED FRACTIONS AND UPPER AND LOWER BOUNDS IN THE BRILLOUIN WIGNER PERTURBATION SCHEME APOSR68-1817
 REDUCTION OF NOREPINEPHRINE IN THE LOWER BRAINSTEM BY PSYCHOLOGICAL STIMULUS APOSR68-2697
 RADAR REFLECTIONS FROM INSECTS IN THE LOWER ATMOSPHERE APOSR67-0823
 PRINCIPAL SUBMATRICES II THE UPPER AND LOWER QUADRATIC INEQUALITIES APOSR68-1955
 CATIONS AND OXY CATIONS OF IODINE III THE I AND LOWER OXIDATION STATES OF IODINE IN SULFURIC ACID APOSR67-0566
 EMPIRICAL DETERMINATION OF SCATTERED LIGHT TRANSPORT THROUGH THE LOWER ATMOSPHERE AFCLRL68-0256
 A STUDY OF MESOSCALE FEATURES OF SUMMERTIME MINIMUM WIND FIELDS IN THE LOWER STRATOSPHERE AFCLRL67-0601
 VARIATIONS WITH SEASON AND LATITUDE OF DENSITY TEMPERATURE AND COMPOSITION IN THE LOWER THERMOSPHERE AFCLRL67-0161
 AN EXPERIMENTAL STUDY ON THE AEROELASTIC STABILITY OF THIN CYLINDRICAL SHELLS AT THE LOWER SUPERSONIC MACH NUMBERS ARL 67-0096
 ESTIMATES OF SPECTRAL ENERGY DENSITY APPLIED TO VERTICAL PROFILES OF THE HORIZONTAL WIND IN THE LOWER IONOSPHERE AFCLRL67-0054
 A METHOD FOR FITTING LINEARLY SEGMENTED MULTI-LAYER ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER BOUNDARY APOSR67-0198

LOWERING
 GREATER LOWERING OF BRAIN AND ADRENAL CATECHOLAMINES IN GROUP-HOUSED THAN IN INDIVIDUALLY-HOUSED MICE ADMINISTERED APOSR68-1774
 STIMULUS-DEPENDENT ANTAGONISM OF THE ALPHA-METHYLTYROSINE- INDUCED LOWERING OF BRAIN CATECHOLAMINES BY LEVO APOSR68-2060

LOWEST
 THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELDS II LOWEST ORDER CORRECTIONS ARL 67-0158

LOYALTY
 PRISONERS IN THE COLD WAR HOSTAGE ACTORS IN LOYALTY PLAYS APOSR68-1409

LURRICATION
 MAGNETOHYDRODYNAMIC LURRICATION FLOW BETWEEN PARALLEL PLATES APOSR67-0324

LUCIOLA
 NERVOUS CONTROL OF FLASHING IN THE FIREFLY LUCIOLA ITALICA L APOSR68-2717
 CENTRAL AND PERIPHERAL MECHANISMS IN THE MODULATION OF FLASHING IN THE FIREFLY LUCIOLA ITALICA L APOSR68-2716

LUMBAR
 THE EFFECT OF OXYTOCIN AND ADRENALINE ON BLOOD FLOW IN THE HIND LIMB OF THE DOG FOLLOWING CHRONIC LUMBAR SYMPLECTOMY APOSR67-2572

LUMBRICUS
 MONOAMINERGIC MECHANISMS IN THE NERVOUS SYSTEM OF LUMBRICUS TERRESTRIS L / APOSR68-0315

LUMINESCENCE
 LUMINESCENCE PHENOMENA IN MAGNESIUM OXIDE APOSR68-0197
 LUMINESCENCE AND PHOSPHORESCENCE OF AROMATIC HYDROCARBONS IN SOLID MATRICES ARL 67-1173
 REASSIGNMENT OF THE LUMINESCENCE FROM RUTHENIUM II COMPLEXES APOSR67-2632
 LABORATORY SIMULATION OF LUNAR LUMINESCENCE WITH SPECIAL REFERENCE TO METEORITIC MATERIAL FINAL REPORT DEC 1967 AFCLRL68-0235
 SPECTROSCOPIC STUDIES OF RUTHENIUM II COMPLEXES. ASSIGNMENT OF THE LUMINESCENCE APOSR68-1576

LUMINESCENT
 FUNDAMENTAL INVESTIGATIONS OF LUMINESCENT MATERIALS FINAL REPORT JAN 1969 APOSR68-0213

LUMINOUSITIES
 LUMINOUSITIES COLORS MOTIONS AND DISTRIBUTION OF FAINT BLUE STARS APOSR68-1998

LUMINOUS
 THE LUMINOUS CHARACTERISTICS OF CYANOGEN-OXYGEN-NORON TRICHLORIDE DIFFUSION FLAMES ARL 68-0177
 A GASEOUS SYSTEM OF HIGH LUMINOUS EFFICIENCY ARL 67-1101
 A STUDY OF THE PREHEAT FLAME OF CYANOGEN-OXYGEN-NORON TRICHLORIDE AS A LUMINOUS SOURCE ARL 68-1074

LUNAR
LUNAR NETWORK PASSIVITY CRITERIA
STABILITY CONDITIONS FOR A MIXED DISTRIBUTED AND LUNAR PARAMETER CONTROL SYSTEM
AFOSR68-2460
AFOSR68-0214

LUNAR
LUNAR OCCULTATION STUDIES OF FIVE WEAK RADIO SOURCES OF SMALL ANGULAR SIZE
LUNAR OCCULTATIONS OF THE RADIO SOURCES 3C15 3C248 AND MS12 PLUS 64
LUNAR OCCULTATION STUDIES OF SIX WEAK RADIO SOURCES
LUNAR DELAY-DOPPLER MAPPING
PRINTED LUNAR IN EXPERIMENT FINAL REPORT AUG 1968
SEMI 7 LUNAR MEASUREMENTS
MAPPING OF LUNAR RADAR REFLECTIVITY AT 10 CENTIMETERS
RADIOGRAPHY OF LUNAR AND PLANETARY RESEARCH-1968
RADIOGRAPHY OF LUNAR AND PLANETARY RESEARCH SUPPLEMENT NO 2 - 1968
LABORATORY SIMULATION OF LUNAR LUMINESCENCE WITH SPECIAL REFERENCE TO METEORITIC MATERIAL FINAL REPORT DEC 1967
PROVIDE PAYLOAD FOR AROBEE ROCKET REFURBISH AND TEST A LUNAR POINTING CONTROL AND TELEMETRY SYSTEM FINAL REPORT NOV
DISCUSSION OF PAPER BY H F RAIBACH A J DESSLER AND A G W CAMERON THE LUNAR PERIOD THE SOLAR PERIOD AND A SUB P
AFOSR67-1730
AFOSR67-2698
AFOSR68-1181
AFOSR68-1187
AFOSR68-0411
AFOSR68-0438
AFOSR67-0189
AFOSR67-0043
AFOSR67-0518
AFOSR68-0235
AFOSR67-0647
AFOSR67-0288

LURP
ROUNDED-INPUT/ROUNDED-OUTPUT STABILITY FOR THE LURE PROBLEM
AFOSR68-0084

LYAPUNOV
ON THE INVERSE OF THE LYAPUNOV OPERATOR MAPPING THE SPACE OF NXN MATRICES INTO ITSELF
THE STRUCTURE OF THE LEVEL SURFACES OF A LYAPUNOV FUNCTION
AFOSR67-0343
AFOSR67-2174

LYAPUNOV'S
TRANSIENT STABILITY OF AN A C GENERATOR BY LYAPUNOV'S DIRECT METHOD
AFOSR68-2898

LYING
THE ROLE OF LYING IN PSYCHOPHYSIOLOGICAL DETECTION
CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC JORDAN CURVE WITH
AFOSR67-1371
AFOSR67-2990

LYMAN
AN EXPERIMENTAL DETERMINATION OF THE OSCILLATOR STRENGTHS FOR SOME TRANSITIONS IN THE LYMAN BANDS OF MOLECULAR HYDROG
AFOSR68-2203

LYSOZYME
ANALYSIS OF THE SKELETAL CONFIGURATION OF CRYSTALLINE HEN EGG-WHITE LYSOZYME
AFOSR67-2813

M-SUNSHHELL
M-SUNSHHELL MEASUREMENTS ON PURE E2 TRANSITIONS IN EVEN-EVEN NUCLEI
M-SUNSHHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS
M-SUNSHHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS
M-SUNSHHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS
ARL 67-1266
ARL 68-0227
ARL 68-1201
ARL 68-1213

MACAQUES
ELECTROPHYSIOLOGICAL STUDY OF VISUAL CORTICAL MECHANISMS ACTIVATED DURING AVOIDANCE CONDITIONING TRAILS IN MACAQUES
AFOSR68-0196

MACH
THE HIGH MACH NUMBER MAYLEIGH PROBLEM ACCORDING TO THE KROOK MODEL
DEFINITIVE MACH STERN FINAL REPORT SEPT 1968
NOSE BLUNTNESS, CONE ANGLE, AND MACH NUMBER EFFECTS ON THE STABILITY DERIVATIVES OF SLENDER CONES FINAL REPORT SEP 1968
THE DESIGN AND OPERATION OF A HIGH MACH NUMBER-REYNOLDS NUMBER FACILITY FINAL REPORT DECEMBER 1968
FLOW INVESTIGATION ABOUT A FIN PLATE MODEL AT A MACH NUMBER OF 11.26 FINAL REPORT SEP 1967
PRESSURE DISTRIBUTION ON A 5.6 DEGREE BLUNT CONE AT MACH 14 FINAL REPORT NOVEMBER 1968
FLOW VISUALIZATION USING GLOW DISCHARGE AT HYPERSONIC MACH NUMBERS
AN INVESTIGATION OF AERODYNAMIC CONTROLS AT HYPERSONIC MACH NUMBERS FINAL REPORT MAY 1967
PRESSURE DISTRIBUTION ON A CONE-CYLINDER-FLARE BODY AT MACH 14 IN THE PRESENCE OF FLOW SEPARATION FINAL REPORT FEB
WAKE MEASUREMENTS BEHIND A CONE SUSPENDED MAGNETICALLY IN A MACH NUMBER 4.3 STREAM
AN EXPERIMENTAL STUDY ON THE AEROELASTIC STABILITY OF THIN CYLINDRICAL SHELLS AT THE LOWER SUPERSONIC MACH NUMBERS
EXPERIMENTAL INVESTIGATION OF INTERACTIONS BETWEEN BLUNT FIN SHOCK WAVES AND ADJACENT BOUNDARY LAYERS AT MACH NUMBERS
AFOSR67-2082
AFOSR68-2343
ARL 67-0185
ARL 68-0213
ARL 67-0188
ARL 68-0208
ARL 68-1048
ARL 67-0030
ARL 68-0032
AFOSR68-1565
ARL 67-0006
ARL 68-0214

MACH-ZEMMDFR
MACH-ZEMMDFR OPTICAL INTERFEROMETRY OF LASER INDUCED DISCHARGES IN HIGH PRESSURE GASES
SPACE-TIME RESOLVED MACH-ZEMMDFR INTERFEROMETER MEASUREMENTS OF CROSSSECTIONAL ELECTRON DISTRIBUTION IN THETA-PICH
AFOSR67-1570
AFOSR68-0878

MACHINE
MACHINE RECOGNITION OF TRANSFORMATIONAL GRAMMARS OF ENGLISH FINAL REPT JAN 1967
MACHINE RETRIEVAL OF RADIOGRAPHICAL DATA
LAPPING MACHINE ATTACHMENT FOR PREPARING ORIENTED CRYSTALS
THE DYNAMIC LOW CYCLE TESTING MACHINE /DESIGN AND CALIBRATION/
ON THE STRUCTURE OF STOCHASTIC MACHINE REALIZATIONS
ON A FORMAL DEFINITION OF DIRECT MACHINE TOOL LANGUAGES
FURTHER RESEARCH ON THE EFFECT OF TEST MACHINE FLEXURAL RIGIDITY ON THE INITIAL BUCKLING LOAD OF UNREINFORCED
ON THE EQUIVALENCE OF FINITE-STATE SEQUENTIAL MACHINE MODELS
ENSEMBLE DEPENDENCE OF FLUCTUATIONS WITH APPLICATIONS TO MACHINE COMPUTATIONS
A REMARK ON DETERMINING THE NUMBER OF STATES OF A SEQUENTIAL MACHINE
AFOSR67-0316
AFOSR68-0190
ARL 68-0248
AFOSR68-0267
AFOSR67-1764
AFOSR68-2770
AFOSR67-1588
AFOSR68-2104
AFOSR67-1775
AFOSR68-2102

MACHINES
LINEAR POSITIVE MACHINES
LOGIC FUNCTIONS AND SEQUENTIAL MACHINES
PERIODIC DECOMPOSITION OF SEQUENTIAL MACHINES
THEORY OF CELLULAR LOGIC NETWORKS AND MACHINES FINAL REPORT JAN 1968
STUDY OF MINIMAL SYNTHESIS OF SEQUENTIAL MACHINES FINAL REPORT AUG 1967
ABSTRACT BIOLOGICAL SYSTEMS AS SEQUENTIAL MACHINES III SOME ALGEBRAIC ASPECTS
ABSTRACT BIOLOGICAL SYSTEMS AS SEQUENTIAL MACHINES REMAINTORAL REVERSIBILITY
ON SHIFT-REGISTER REALIZATIONS OF SEQUENTIAL MACHINES
AUTOMATIC CONTROL SYSTEMS FOR LOGGED MOTION MACHINES
UNITARY-SHIFT-REGISTER REALIZATIONS OF SEQUENTIAL MACHINES
CLASSIFICATION AND ENUMERATION OF AUTONOMOUS SEQUENTIAL MACHINES
THE UNSOLVABILITY OF THE EQUIVALENCE PROBLEM FOR A-FREE NONDETERMINISTIC GENERALIZED MACHINES
AFOSR67-1740
AFOSR67-0667
AFOSR68-1947
AFOSR68-0148
AFOSR67-0484
AFOSR67-0901
AFOSR67-0912
AFOSR67-0422
AFOSR68-1340
AFOSR68-1807
AFOSR67-1412
AFOSR68-0012

MACHINING
CONSTRUCTION OF SLOTTED DISKS FOR MECHANICAL VELOCITY SELECTORS USING ELECTRIC DISCHARGE MACHINING
AFOSR67-2264

| | |
|---|---|
| MACHS | |
| MACHS PRINCIPLE AND GENERAL RELATIVITY | ARL 88-1089 |
| MACKAY | |
| ON A THEOREM OF MURRAY AND MACKAY | AFOSR68-0392 |
| MACRO | |
| LINE COMPUTER USER-INTERACTIVE PROGRAMS AND MACRO INSTRUCTIONS | AFOSR67-1465 |
| MACROMERITIC | |
| APPLICATIONS OF THE SOLID AND LIQUID STATE CONCEPTS FOR MACROMERITIC SYSTEMS FINAL REPORT JUNE 1967
SHEAR RESISTANCE AND EQUATION OF STATE FOR NONCOMPRESSIBLE GRANULAR MACROMERITIC SYSTEMS | AFCL67-0414
AFCL67-0048 |
| MACROMOLECULARS | |
| CHLORIDES OF CARBON AROMATIC MACROMOLECULARS | ARL 67-1093 |
| MACROSCOPIC | |
| MACROSCOPIC FINITE RESISTIVITY INSTABILITIES-A LITERATURE SURVEY
ENTROPY OF TURBULENT GAS MACROSCOPIC AND TURBULENT PARTS BOUNDARY-LAYER EXPRESSIONS FOR Celerities OF FILTERED | AFOSR67-1086
AFOSR68-0798 |
| MACROVORTEX | |
| THE FORMATION OF THE MACROVORTEX STRUCTURE IN HARD SUPERCONDUCTORS | AFOSR67-2250 |
| MACULATUS | |
| ORGAN GROWTH IN THE PUFFER FISH SPHEROIDES MACULATUS | AFOSR67-1320 |
| MADELUNG | |
| THE MADELUNG ENERGY OF MINERALS POLYMORPHS OF SILICA | AFOSR67-7427 |
| MAGAZINES | |
| SOVIET NEWSPAPERS AND MAGAZINES | AFOSR67-1488 |
| MAGMA | |
| EVIDENCE FOR MAGMA IN THE KATHAI VOLCANIC RANGE | AFOSR67-2704 |
| MAGNETOFERRITE | |
| SUPERPARAMAGNETIC MAGNETOFERRITE PRECIPITATES FROM DILUTE SOLUTIONS OF IRON IN MAGNESIUM OXIDE | AFOSR67-2756 |
| MAGNESIUM | |
| EFFECTS OF MAGNESIUM AND CALCIUM IONS ON THE ADENOSINETRIPHOSPHATASE ACTIVITY OF INSECT ACTOMYOSIN AT LOW IONIC
ISOTOPIES OF MAGNESIUM IN STELLAR ATMOSPHERES
COMBUSTION OF BORON, MAGNESIUM, AND ALUMINUM SUSPENSIONS IN HYDROCARBON FUELS
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS
LUMINESCENCE PHENOMENA IN MAGNESIUM OXIDE
MULTIPLE QUANTUM TRANSITIONS IN MAGNESIUM OXIDE
REVISED DATA ON POLYCRYSTALLINE MAGNESIUM OXIDE
OBSERVATION OF CYCLOTRON RESONANCE IN MAGNESIUM
PARAMAGNETIC RESONANCES OF COPPER IONS IN MAGNESIUM OXIDE AT 1.2 DEGREES POTASSIUM
EPITAXIAL GROWTH OF GOLD AND SILVER ON MAGNESIUM OXIDE CLEAVED IN ULTRAHIGH VACUUM
Doubly-Associated Cation-Vacancy Centers in Magnesium Oxide
A CALCULATION OF THE COHESIVE ENERGY AND ELASTIC CONSTANTS OF MAGNESIUM OXIDE
IRON POSITIVE ION AND IRON DOUBLE POSITIVE ION HYPERFINE FIELDS IN MAGNESIUM OXIDE AND CALCIUM OXIDE
STRUCTURAL EFFECTS ON THE COMPLEXING ABILITY OF ALKYL DIPHENYLPHOSPHINATES WITH MAGNESIUM IODIDE
SUPERPARAMAGNETIC MAGNETOFERRITE PRECIPITATES FROM DILUTE SOLUTIONS OF IRON IN MAGNESIUM OXIDE | AFOSR67-2249
AFOSR68-2516
ARL 68-1048
ARL 68-0319
ARL 68-1073
AFOSR68-0197
AFOSR67-0535
AFOSR68-1452
AFOSR67-0436
AFOSR67-0052
AFOSR67-2318
AFOSR68-0200
AFOSR67-1835
AFOSR67-2417
AFOSR67-0751
AFOSR67-2756 |
| MAGNET | |
| NATIONAL MAGNET LABORATORY FINAL REPORT JAN 1967
HIGH FIELD MAGNETS AT THE NATIONAL MAGNET LABORATORY
HIGH POWER CRYOGENIC AND SUPERCONDUCTING MAGNET TECHNOLOGY
PHYSICS WITH HIGH MAGNETIC FIELDS AT THE NATIONAL MAGNET LABORATORY
TRANSPORT OF HEAT IN A TYPE I SUPERCONDUCTOR BY A MOVING MAGNET | AFOSR67-0522
AFOSR67-2371
ARL 68-1305
AFOSR67-2201
AFOSR68-1448 |
| MAGNETI-PLASMA | |
| TRANSIENT EXCITATION OF BOUNDED COLD MAGNETI-PLASMA | AFCL68-0348 |
| MAGNETIC | |
| MAGNETIC FIELDS AND SMALL-SCALE STRUCTURE OF THE SOLAR ATMOSPHERE
MAGNETIC FIELD DEPENDENCE OF THE KNIGHT SHIFT
MAGNETIC FIELD DEPENDENCE OF ULTRASONIC ATTENUATION OF SHEAR WAVES IN POTASSIUM
MAGNETIC MOMENT TO SECOND ORDER FOR AXISYMMETRIC STATIC FIELD
MAGNETIC RELAXATION PROPERTIES OF MAGNETITE POWDER DOWN TO LIQUID HELIUM TEMPERATURES
MAGNETIC BREAKDOWN IN THE LONG-DURATION PERIODS IN ZINC
MAGNETIC RELAXATION NEAR A SECOND-ORDER PHASE-TRANSITION POINT
MAGNETIC LOSSES IN SUPERCONDUCTORS AT HIGH FREQUENCIES
MAGNETIC PROPERTIES OF SUPERCONDUCTING MOLYBDENUM-RHENIUM ALLOYS
MAGNETIC SUSCEPTIBILITY OF URANIUM TRIFLUORIDE IN THE RANGE 2-300 DEGREES K
MAGNETIC MOMENT MEASUREMENTS IN SINGLE-CRYSTAL DYSPROSIUM MOLDIUM EUROPIUM AND GADOLINIUM IN DC FIELDS UP TO 170 KG
MAGNETIC PROPERTIES OF IRON OXIDE AS RELATED TO THE DEFECT STRUCTURE
MAGNETIC CHARGE AND GENERAL RELATIVITY
MAGNETIC MOMENTS AND PION CURRENTS IN NUCLEAR MATTER
MAGNETIC EFFECTS IN NICKEL THIOUREA DI-iodide
MAGNETIC IMPURITIES AND SUPERCONDUCTIVITY BELOW THE KONDO TEMPERATURE
MAGNETIC FIELD-DEPENDENT ELASTIC EFFECTS IN THE CUBIC ANTIFERROMAGNET /RUBIDIUM MANGANESE TRIFLUORIDE/
MAGNETIC ANISOTROPY IN FERROMAGNETIC THIN FILMS
MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND UP TO 150 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC
MAGNETIC MOMENT OF Pd TO 150 KG LIMITS OF EXCHANGE ENHANCEMENT IN Pd
MAGNETIC MOMENTS FORM FACTORS AND MASS SPECTRUM OF BARYONS
MAGNETIC TORSION MEASUREMENTS ON HEXAGONAL PEGE
MAGNETIC MOMENTS OF BARYONS IN BROKEN SU-3
MAGNETIC POLARIZABILITY OF CLOSED SHELLS
MAGNETIC ELECTRON SPIN RESONANCE OPTICAL AND STRUCTURAL STUDIES OF THE ISOMORPHOUS SERIES SODIUM SCANDIUM-IRON | AFCL67-0216
AFOSR67-0085
AFOSR67-0161
AFOSR67-0318
AFOSR67-0354
AFOSR67-0434
AFOSR67-0588
AFOSR67-0766
AFOSR67-1010
AFOSR67-1608
AFOSR67-1674
AFOSR67-1679
AFOSR67-1864
AFOSR67-2051
AFOSR67-2480
AFOSR67-2659
AFOSR67-2731
AFOSR68-0158
AFOSR68-0422
AFOSR68-0559
AFOSR68-0725
AFOSR68-0881
AFOSR68-1241
AFOSR68-1466
AFOSR68-1477 |

MAGNETIC SUSCEPTIBILITY OF RARIUM MOLYBDATE/IV AND STRONTIUM MOLYBDATE/IV IN THE RANGE 2-300 DEGREES K
 MAGNETIC PROPERTIES OF THE INTERMETALLIC COMPOUND OXYBROMIDE SURF YTRIUM SUB ONE MINUS X IRON SUB TWO PLUS
 MAGNETIC PROPERTIES OF IRON SUB OXYGEN AS RELATED TO THE DEFECT STRUCTURE
 MAGNETIC TRANSITIONS FOR THE CONFIGURATION F₃
 MAGNETIC SUSCEPTIBILITIES OF THE HEAVY RARE EARTH SODIUM MOLYBDATE
 MAGNETIC PROPERTIES OF DIVALENT EUROPIUM COMPOUNDS FINAL REPORT MARCH 1966
 MAGNETIC AND OPTICAL MEASUREMENTS ON IRON GROUP IMPURITIES IN TiB-VIA COMPOUNDS AT CRYOGENIC TEMPERATURE
 MAGNETIC WIND-TUNNEL-MODEL SUSPENSION AND BALANCE SYSTEMS
 A MAGNETIC ANNUAL ARE DRIVEN SHOCK TUBE
 THE MAGNETIC FIELD AND ENERGY OF AN AXISYMMETRIC VAN ALLEN BELT
 THE MAGNETIC MOMENT OF THE FIVE STATE OF ONE ONE SIX AND OTHER SPECTROSCOPIC INVESTIGATIONS IN THE DECAY OF ONE ONE
 WPAK MAGNETIC FIELD MEASUREMENT USING PERMALLOY-FILM NMR RESONANCE
 SOLAR MAGNETIC FIELDS FINAL REPORT FOR 1966
 AXIAL MAGNETIC ANISOTROPY IN THE HEAVY RARE EARTH SODIUM MOLYBDATE
 HYDROGEN MAGNETIC RESONANCE SPECTRA OF METHYL PHOSPHINATES
 NUCLEAR MAGNETIC RESONANCE LOCAL-MAGNETIC-FIELD SHIFT IN SOLID XENON
 NUCLEAR MAGNETIC RELAXATION IN RARE-EARTH-DOPED CALCIUM FLUORIDE CRYSTALS AT LOW TEMPERATURES
 NUCLEAR MAGNETIC RESONANCE STUDIES OF POINT DEFECTS IN RARIUM FLUORIDE CRYSTALS
 NUCLEAR MAGNETIC RESONANCE STUDY OF ELECTRON-COUPLED INTERNUCLEAR INTERACTIONS IN THALLIUM CHLORIDE
 SURFICIAL MAGNETIC MEASUREMENT TECHNIQUES
 NUCLEAR MAGNETIC RESONANCE STUDY OF OXALATE-POLYMOXALATE EQUILIBRIA IN AQUEOUS SOLUTION
 NUCLEAR MAGNETIC RELAXATION TIMES OF HELIUM THREE IN HELIUM THREE - HELIUM FIUM SOLUTIONS
 NUCLEAR MAGNETIC RELAXATION OF F-19 IN RARE EARTH DOPED LANTHANUM TRIFLUORIDE
 NUCLEAR MAGNETIC RESONANCE STUDIES OF 3-ACYLATED-D- CAMPHORATO COBALT III STUDIES
 ARCS IN MAGNETIC FIELDS
 GALACTIC MAGNETIC FIELDS
 A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE RE ACTIONS IN THE SYSTEM BORDN TRIFLUORIDE-METHANOL A MODIFIED
 THEORY OF MAGNETIC HYPERFINE AND ZEEMAN INTERACTIONS FOR HUNDOS CASE
 A NUCLEAR MAGNETIC RESONANCE INVESTIGATION OF PARAMAGNETIC RELAXATION IN VISCOUS SOLUTIONS
 CALCULATED MAGNETIC ELECTRON DRIFT VELOCITIES IN H₂SUB87/ O/SUB877 ATM AND C/SUB878/SUB877 FOR 10 E/P 10/TO THE 4TH
 QUARKS AND MAGNETIC PULSES
 QUARKS AND MAGNETIC PULSES
 PROPOSED MAGNETIC FIELDS AND SOLAR FILAMENTS
 THE NUCLEAR MAGNETIC RESONANCE AND MICROWAVE SPECTRA OF SOME DEUTERIO DERIVATIVES OF 2 4-DICARBACLOVOMHEPTABORANE /7/
 APPROACH TO MAGNETIC SATURATION IN SINGLE CRYSTAL THULIUM AT 42 SUPER O K AND 140 K
 EFFECT OF A MAGNETIC FIELD ON A LAYER OF FREE SURFACE MERCURY
 THERMAL AND MAGNETIC PROPERTIES OF ADSORBED PHASES OF H₂-3 AND -4 AT LOW TEMPERATURES FINAL REPORT JULY 1966
 INTRA-ATOMIC MAGNETIC INTERACTIONS FOR FOURTH SHELL ELECTRO
 A BROAD-RANGE MAGNETIC SPECTROGRAPH SYSTEM FOR ROUTINE ANGULAR DISTRIBUTION DETERMINATIONS
 DILUTE NUCLEAR MAGNETIC RESONANCE IN ROTATING SOLIDS
 THE NMR LOCAL MAGNETIC FIELD SHIFT IN SOLID KRYPTON
 LOW TEMPERATURE MAGNETIC SPECIFIC HEAT OF NICKEL
 H AND F NUCLEAR MAGNETIC RESONANCE SPECTRA OF THE ADDUCT BPSUM3H5U20 /BORDN TRIFLUORIDE - MONOHYDRATE/
 PHYSICS WITH HIGH MAGNETIC FIELDS AT THE NATIONAL MAGNET LABORATORY
 MAGNETISM IN HIGH MAGNETIC FIELDS
 ARC STRUCTURE IN A MAGNETIC ANNUAL DISCHARGE
 FORMATION OF LOCAL MAGNETIC MOMENTS IN METALS
 THE INFLUENCE OF A MAGNETIC FIELD ON THE TRANSPORT PROPERTIES OF POLY-ATOMIC GASES A COMPARISON OF THEORY WITH
 ON THE DEFECTION OF MAGNETIC MICROSTRUCTURES WITH CHARGED PARTICLES
 THE EFFECTS OF HIGH MAGNETIC FIELDS ON THE ISOTHERMAL DISSOLUTION AND GROWTH RATES OF FERROUS AMMONIUM SULFATE
 THE USES OF NUCLEAR MAGNETIC RESONANCE IN THE STUDY OF LIGAND SUBSTITUTION PROCESSES
 CLASSICAL THEORY OF MAGNETIC CHARGE
 A HISTORY OF INTENSE MAGNETIC FIELDS AND THEIR CONTRIBUTION TO PHYSICS
 SOLAR DIMATENESS AND MAGNETIC FIELD
 MOSSBAUER EFFECT AND MAGNETIC PROPERTIES OF IRON-BERYLLIUM COMPOUNDS
 CRYSTAL CHEMISTRY AND MAGNETIC RESONANCE PROPERTIES OF THE VANADATE GARNETS FINAL REPORT OCT 1966
 EXTREMELY HIGH DENSITY MAGNETIC INFORMATION STORAGE
 ANOMALOUS SCATTERING BY MAGNETIC IMPURITIES IN SUPERCONDUCTORS
 A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE COMPLEXES OF PLATINUM /1/
 DYNAMICAL SCREENING AND MAGNETIC PHASES FOR ELECTRONS IN SOLIDS
 A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBOXYLS
 A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBOXYLS II
 REMARKS ON THE GALACTIC MAGNETIC FIELD
 ACOUSTICAL ACOUSTICS IN MAGNETIC MATERIALS
 INVESTIGATION OF ORDERED MAGNETIC STATES AND THEIR CORRELATIONS TO OPTICAL AND ELECTRICAL PROPERTIES OF SELECTED
 INTERACTION OF THE EARTH'S MAGNETIC FIELD WITH THE SOLAR WIND FINAL REPORT DEC 1967
 PRACT SUM RULE FOR NUCLEON MAGNETIC MOMENTS
 GAS IONIZING SHOCK WAVE IN MAGNETIC SHOCK TUBE
 MAGNETO-RESISTANCE OF DILUTE MAGNETIC ALLOYS
 ELECTRIC ARCS IN TRANSVERSE MAGNETIC FIELDS FINAL REPORT NOVEMBER 1968
 ELECTRIC ARCS IN TRANSVERSE MAGNETIC FIELDS
 EFFECT OF THE INTERPLANETARY MAGNETIC FIELD ON THE PROPAGATION OF COSMIC RAYS FINAL REPORT FEB 1968
 THE PROBLEM OF SCATTERING BY MAGNETIC IMPURITIES IN METALS
 ZIND SOUND IN H₂ SUPER 1 IN A MAGNETIC FIELD
 TEMPERATURE DEPENDENCE OF THE MAGNETIC FIELD PERIODICITY IN FLUX QUANTIZATION EXPERIMENTS
 THE INFLUENCE OF A D.C. CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND
 THE INFLUENCE OF A D.C. CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND
 GAS CHARGED QUADRUPOLE AND NUCLEAR MAGNETIC RESONANCE STUDIES OF SOME METAL CHELATES
 THE MECHANISM OF ELECTRIC ARCS IN MAGNETIC FIELDS
 DERIVATION OF MASS SPECTRUM AND MAGNETIC MOMENTS FROM CURRENT CONSERVATION IN RELATIVISTIC 0/3 1/ AND 0/4 2/ -
 EFFECT OF PAULI PARAMAGNETISM ON MAGNETIC PROPERTIES OF HIGH-FIELD SUPERCONDUCTORS
 ANOMALY IN SPIN-WAVE SPECTRUM OF MAGNETIC METALS
 CONTRIBUTION TO THE KNOWLEDGE OF MAGNETIC BALANCE AND SUSPENSION SYSTEMS
 THE INTERACTION OF PLASMOIDS WITH MAGNETIC FIELDS FINAL REPORT AUG 1958
 STABILIZATION OF HELICAL MODES BY MAGNETIC WELLS
 THE INTERACTION OF PLASMOIDS WITH MAGNETIC FIELDS
 ELECTRON SPIN POLARIZATION DUE TO A MAGNETIC IMPURITY
 RARE EARTH METAL SINGLE CRYSTALS II MAGNETIC PROPERTIES OF THULIUM EUROPIUM SAMARIUM AND YTERBIUM
 LABORATORY STUDIES OF PROPAGATION OF MAGNETIC DISTURBANCES IN THE MAGNETOSPHERE FINAL REPORT JULY 1966
 SYMMETRY OF GROUND STATE IN A DILUTE MAGNETIC METAL ALLOY
 SPIN POLARIZATION AROUND A LOCALIZED MAGNETIC IMPURITY IN A MAGNETIZED METAL
 AN ELECTRIC AND MAGNETIC STATIONARY BY A MAGNETIC FIELD IN A UNIFORM FLOW THEORY FOR LOW REYNOLDS NUMBER FLOW
 INVESTIGATION OF ERRORS IN MEASURING MAGNETIC FIELDS IN HIGH TEMPERATURE PLASMA DISCHARGES
 ELECTRIC ARC DISCHARGES IN TRANSVERSE MAGNETIC FIELDS - PART I FINAL REPORT JUNE 1967
 SINGLE-IMPURITY FORMULATION FOR DILUTE MAGNETIC ALLOYS I S-D EXCHANGE MODEL
 SINGLE-IMPURITY FORMULATION FOR DILUTE MAGNETIC ALLOYS II THE ANDERSON MODEL
 LOW TEMPERATURE SPECIFIC HEAT OF DILUTE MAGNETIC ALLOYS
 SHAPE DEPENDENCE OF THE SPECIFIC HEAT OF MAGNETIC SYSTEMS WITH LONG-RANGE INTERACTIONS
 EVIDENCE FOR A SINGLE GROUND STATE IN THE MAGNETIC IMPURITY PROBLEM
 MOMENTUM BALANCE FOR CURRENT FILAMENTS IN MAGNETIC FIELDS FINAL REPORT NOVEMBER 1966
 PLASMA-TYPE OSCILLATIONS ASSOCIATED WITH MAGNETIC STORM SUDEN COMMENCEMENTS
 THE COMPLEXITY OF EXAMINATIONS REVEAL THE NUCLEAR MAGNETIC RESONANCE SPECTRA OF VARIOUS METHYLMAGNESIUM DERIVATIVES AND
 SOLUTION TO THE NONHOMOGENEOUS PROBLEM OF A MAGNETIC LINE SOURCE ABOVE A PLANE STRUCTURE THAT SUPPORTS N-EXCITED
 PLASMA TRANSPORT AND STABILITY IN A MINIMUM-A MAGNETIC FIELD FINAL REPORT APRIL 1967
 CALCULATION STUDY FOR A KICK-OUT-OF-FREEDOM MAGNETIC BALANCE AND SUSPENSION SYSTEM
 THE EFFECT OF PURE TYPICAL SUPERCONDUCTORS IN HIGH MAGNETIC FIELDS II ULTRASONIC ATTENUATION

AFOSR66-1478
 AFOSR66-1482
 AFOSR66-1873
 AFOSR66-2651
 AFOSR66-2743
 AFOSR66-2883
 ARL 67-1203
 ARL 67-1212
 AFOSR67-0418
 AFOSR67-0418
 AFOSR67-0555
 AFOSR67-0578
 AFOSR67-0378
 AFOSR66-1462
 AFOSR66-2489
 AFOSR67-0055
 AFOSR67-0368
 AFOSR67-0594
 AFOSR67-0813
 AFOSR67-1460
 AFOSR67-1701
 AFOSR67-2708
 AFOSR66-2471
 ARL 68-1179
 ARL 68-1312
 AFOSR67-0088
 AFOSR67-2478
 AFOSR66-0164
 AFOSR66-0780
 AFOSR67-0032
 AFOSR67-0571
 AFOSR67-2823
 AFOSR66-1824
 AFOSR67-2265
 AFOSR67-2747
 AFOSR66-0229
 AFOSR66-2320
 AFOSR66-2247
 AFOSR67-0446
 AFOSR67-1416
 AFOSR67-0057
 AFOSR67-0371
 AFOSR67-1270
 AFOSR67-2461
 AFOSR66-1522
 AFOSR67-2049
 AFOSR66-0425
 AFOSR66-0650
 AFOSR67-0053
 AFOSR67-2740
 AFOSR67-2826
 AFOSR66-0134
 AFOSR66-1090
 AFOSR66-1808
 AFOSR66-2348
 AFOSR66-0467
 AFOSR66-1353
 AFOSR67-1058
 AFOSR67-1813
 AFOSR67-2682
 AFOSR67-2725
 AFOSR66-0504
 AFOSR66-1960
 AFOSR67-0025
 AFOSR67-0593
 AFOSR66-0047
 AFOSR67-0582
 AFOSR67-1907
 AFOSR66-1829
 ARL 68-0211
 ARL 68-1002
 AFOSR66-0219
 AFOSR66-1688
 AFOSR66-0169
 AFOSR66-1460
 AFOSR67-0033
 AFOSR66-0017
 ARL 67-1121
 ARL 68-1234
 AFOSR67-1746
 AFOSR67-0040
 AFOSR67-0108
 ARL 67-0283
 AFOSR66-0405
 AFOSR67-2076
 AFOSR66-1669
 AFOSR67-1965
 AFOSR66-1010
 AFOSR66-0415
 AFOSR66-0364
 AFOSR66-0549
 ARL 68-0025
 ARL 68-1136
 ARL 67-0117
 AFOSR66-163
 AFOSR66-2452
 AFOSR66-0021
 AFOSR66-0908
 AFOSR67-1476
 ARL 68-0194
 AFOSR67-0249
 AFOSR67-2679
 AFOSR66-0086
 AFOSR67-1785
 ARL 67-1330
 AFOSR67-1744

CURRENT DIFFUSION IN A SHOCK TUBE WITH VARYING MAGNETIC FIELD
 CRITICAL DATA OF NIOBIUM NITRIDE IN TRANSVERSE MAGNETIC FIELDS
 COMPRESSION OF A RAPIDLY PLASMA BY CONVERGING MAGNETIC FIELDS
 A STUDY OF ARC DISCHARGE SHAPES IN A TRANSVERSE MAGNETIC FIELD
 DIFFUSION OF PHOSPHINE COMPLEXES OF NICKEL SPECTRAL MAGNETIC AND PROTON RESONANCE STUDIES A PLANAR-TETRAHEDRAL
 SHORPING IN LIQUID CRYSTALS DUE TO ELECTRIC AND MAGNETIC FIELDS
 DIFFUSION OF PHOSPHINE COMPLEXES OF CRYSTAL SPECTRAL MAGNETIC AND ELECTRON PARAMAGNETIC RESONANCE STUDIES
 UNIFORM-FIELD SPARKING VOLTAGES OF GASES IN CROSSED MAGNETIC FIELDS
 STABILITY OF MILLIMETER PLASMA PLUM IN A DISCONTINUOUS MAGNETIC FIELD
 A FAST RECOVERY PROBE AND RECEIVER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
 MAGNETOELASTIC AND MAGNETOSTATIC WAVES IN TIME-VARYING MAGNETIC FIELDS
 RADIATION DAMAGE STUDIES OF SILICON PHOTODETECTORS AND MAGNETIC DEVICES FINAL REPORT APR 1968
 CALORIMETRY AND DIFFERENTIAL FIELD MEASUREMENT OF HIGH MAGNETIC FIELDS BY MEANS OF A PERIODIC SIZE EFFECT IN GALLIUM
 CONFIGURATIONAL CORRELATION OF PHOSPHINATES BY NUCLEAR MAGNETIC RESONANCE AND OPTICAL ROTATORY DISPERSION
 INTERACTIONS OF AN ELECTRIC ARC PLASMA WITH TRANSVERSE MAGNETIC FIELDS AND GAS FLOWS. FINAL REPORT APR 1968
 OPERATION OF A LONG PERIOD SEISMOGRAPH NETWORK UTILIZING MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON
 CRYSTALLIZATION OF FERROUS AMMONIUM SULFATE ON A GRID IN MAGNETIC FIELDS UP TO KILO-GAUSS
 CONFORMATIONAL ANALYSIS XIII THE VALIDITY OF THE NUCLEAR MAGNETIC RESONANCE METHOD OF ESTABLISHING CONFORMATIONAL
 THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELD I GENERAL THEORY
 THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELDS II LOWEST ORDER CORRECTIONS
 THE EFFECTIVE SUPERCONDUCTING HAMILTONIAN FOR ALLOYS WITH MAGNETIC IMPURITIES
 THE LOW TEMPERATURE SPECIFIC HEAT OF EUROPIUM SULFIDE IN A MAGNETIC FIELD
 SELF-CONSISTENT APPROXIMATIONS FOR THE RESONANT RESPONSE OF MAGNETIC IONS IN METALS
 ANOMALOUS CONCENTRATION DEPENDENCE OF RESISTIVITY IN DILUTE MAGNETIC ALLOYS
 NOISE EMISSION OF ELECTRODELESS RING DISCHARGES WITH STATIC MAGNETIC FIELD
 THERMAL CONDUCTIVITY OF PURE TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELDS
 FREQUENCY CONVERSION OF SPIN AND SPIN-CLASTIC WAVES IN PULSED MAGNETIC FIELDS
 DIALYSIS/TRIADYDROPHOSPHINE/IRON(II) COMPLEXES ISOTROPIC PROTON MAGNETIC RESONANCE SHIFTS AND THE KINETICS OF LIGAND
 ON ARC PUMPING AND THE MOTION OF ELECTRIC ARCS IN A TRANSVERSE MAGNETIC FIELD
 CONCERNING THE UNIQUENESS OF A MOLECULAR FIELD SOLUTION FOR TWO MAGNETIC SUBLATTICES
 INTERACTIONS OF FREE-RUNNING ARCS WITH TRANSVERSE GAS FLOWS AND MAGNETIC FIELDS
 NONPLANAR CYCLOTRONIC I THE γ -ISOPROPYLCYCLOPENTYL SYSTEM NUCLEAR MAGNETIC RESONANCE SPECTRA OF ALCOHOLS AND AMINES
 MOTION OF THE VORTEX STRUCTURE IN TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELD
 TECHNIQUES AND COMPUTER PROGRAMS TO COMPUTE GRAVITY FROM IN-FLIGHT MAGNETIC TAPE RECORDINGS FINAL REPORT JUNE 1967
 EXPERIMENTAL INVESTIGATION OF PLASMA MICROINSTABILITIES IN CROSSED MAGNETIC AND AC ELECTRIC FIELDS
 ON ANTENNA IMPEDANCES IN A COLD PLASMA WITH A PERPENDICULAR STATIC MAGNETIC FIELD
 THE DIELECTRIC CONSTANT OF BLOCH ELECTRONS IN CROSSED ELECTRIC AND MAGNETIC FIELDS
 A HIGH-POWER UNIMODULATED RADIO-FREQUENCY TRANSMITTER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
 PLASMA ACCELERATION IN AN ELECTRICAL DISCHARGE BY THE SELF-INDUCED MAGNETIC FIELD
 TWO MODES OF MOMENTUM TRANSFER FOR A STATIONARY ARC IN A TRANSVERSE MAGNETIC FIELD
 AN ANALYTICAL STUDY OF A FLUID CYLINDER ARC MODEL BALANCED BY CROSSED MAGNETIC AND FLOW FIELDS FINAL REPORT JAN 1968
 ACETONITRILE EXCHANGE RATES IN SOLUTIONS OF NICKEL(II) IONS BY NUCLEAR MAGNETIC RESONANCE
 SIGNAL DISTORTION IN ANISOTROPIC HOMOGENEOUS IONIZED MEDIA I LONGITUDINAL MAGNETIC FIELD
 INTERACTION OF AN HIGH CURRENT ELECTRICAL DISCHARGE WITH ITS SELF-INDUCED MAGNETIC FIELD IN THE PRESENCE OF GAS FLOW
 UNSTEADY MAGNETOHYDRODYNAMIC FLOW PAST THIN RODS WITH INVADINGLY DIFFUSING MAGNETIC FIELD
 RESEARCH DIRECTED TOWARD UNDERSTANDING OF PLASMA IN MAGNETIC FIELD FINAL REPORT APR 1968
 RADIOFREQUENCY SOURCE OF POTASSIUM RESONANCE RADIATION FOR USE IN KILOGAUSS MAGNETIC FIELDS
 EXPERIMENTAL INVESTIGATION OF AN ELECTRIC ARC IN TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS
 ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION
 APPLICATION OF A TEMPERATURE-OSCILLATION METHOD TO THERMOMAGNETIC STUDIES OF MAGNETIC PHENOMENA AT LOW TEMPERATURES
 EXPERIMENTAL INVESTIGATIONS OF AN ELECTRIC ARC IN TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS
 RESEARCH IN THE DESIGN DEVELOPMENT AND CONSTRUCTION OF NON-MAGNETIC SENSORS FOR MAGNETIC FIELD-CHARGED PARTICLE
 AN EXPERIMENTAL METHOD FOR THE STUDY OF INTERACTIONS BETWEEN DETONATION WAVES AND MAGNETIC FIELDS
 PROTON-ASSISTED MAGNETOTUNNELING IN OSMIUM IN PARALLEL AND CROSSED ELECTRIC AND MAGNETIC FIELDS
 ORIONS ASSOCIATED WITH CENTERS OF SOLAR ACTIVITY AND THEIR PROPAGATION IN INTERPLANETARY MAGNETIC FIELD REGIONS
 DETERMINATION OF RATES OF OPTICAL INVERSION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NUCLEAR MAGNETIC RESONANCE
 IMPROVED MAGNETO-OPTICAL STUDIES OF LINE-WIDTH ANOMALIES CAUSED BY RESONANT POLARON COUPLING TO MAGNETIC STATES IN
 NUCLEAR EXPLOSIONS IN A IONOSPHERE WITH FINITE ELECTRIC CONDUCTIVITY IN THE PRESENCE OF A UNIFORM MAGNETIC FIELD
 REMARKS ON THE RECENT LETTER OBSERVATION OF MAGNETIC SOUND STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS
 DETERMINATION OF THE MEAN VALUES OF CONDUCTIVITY AND DIELECTRIC CONSTANT FROM THE FIELD STRUCTURE OF A MAGNETIC DIPOLE
 THE COPPER-CATALYZED REACTION OF BENZONORADIANE WITH BENZOYL PEROXIDE AND T-BUTYL PEROXIDE NUCLEAR MAGNETIC

AFOSR67-1906
 AFOSR67-2509
 AFOSR68-0048
 ARL 67-1190
 AFOSR67-0036
 AFOSR67-1779
 AFOSR67-2794
 AFOSR68-0035
 AFOSR67-2066
 AFOSR68-0031
 AFOSR67-0081
 AFOSR68-0080
 AFOSR67-2157
 AFOSR67-2413
 ARL 68-0074
 AFOSR67-3419
 AFOSR67-1729
 AFOSR68-0077
 ARL 67-0150
 ARL 67-0159
 AFOSR68-0004
 AFOSR67-0054
 AFOSR68-0073
 AFOSR68-1749
 ARL 68-1130
 AFOSR67-2480
 AFOSR67-0061
 AFOSR68-2024
 ARL 67-0120
 AFOSR68-0093
 ARL 67-0077
 AFOSR67-0057
 AFOSR68-0040
 AFOSR67-0022
 AFOSR68-0044
 AFOSR68-0078
 AFOSR67-0091
 AFOSR68-1687
 ARL 67-0248
 ARL 68-1333
 ARL 68-0019
 AFOSR67-1687
 AFOSR67-0079
 ARL 67-0007
 AFOSR68-0060
 AFOSR68-0021
 AFOSR67-2637
 ARL 67-0032
 AFOSR67-1766
 AFOSR68-1014
 ARL 67-1073
 AFOSR68-0085
 AFOSR67-1088
 AFOSR68-0178
 AFOSR68-0086
 ARL 67-0024
 ARL 68-1374
 AFOSR68-0148
 AFOSR67-1754
 AFOSR67-0494
 AFOSR68-0708

MAGNETIC-CHARGE

ELECTRIC-AND MAGNETIC-CHARGE RENORMALIZATION II
 ELECTRIC-AND MAGNETIC-CHARGE RENORMALIZATION I

AFOSR67-0471
 AFOSR67-0474

MAGNETIC-FIELD

MAGNETIC-FIELD DEPENDENCE OF THE HYPERFINE FIELD AT IRON IN DILUTE IRON-PALLADIUM ALLOYS
 MAGNETIC-FIELD STRUCTURE ASSOCIATED WITH CORONAL STREAMERS
 THERMALLY DRIVEN ROSSBY-WOHLF DYNAMO FOR SOLAR MAGNETIC-FIELD REVERSALS

AFOSR68-1444
 AFOSR68-2452
 AFOSR68-0298

MAGNETICALLY

MAGNETICALLY CHARGED FIELDS WITH INTEGER SPIN
 MAGNETICALLY INDUCED PLASMA STREAMING AND THE MOTION OF ELECTRIC ARCS
 MAGNETICALLY INDUCED PLASMA STREAMING AND ITS APPLICATION TO AEROSPACE TECHNOLOGY
 MAGNETICALLY INDUCED PLASMA STREAMING AND MOTION OF ELECTRIC ARCS
 PRE-INDUCTION DECAY IN A MAGNETICALLY DILUTE SOLID
 SLOW RELAXATION EFFECTS IN MAGNETICALLY NONUNIFORM MATERIALS
 COLLISIONAL DISALIGNMENT OF MAGNETICALLY ORIENTED SUPER 2D ALKALI ATOMS
 COLLISIONAL DEPOLARIZATION OF MAGNETICALLY ORIENTED 4 SUPPERSCRIPT 2D POTASSIUM ATOMS
 NONLINEAR AND ANISOTROPIC EFFECTS IN MAGNETICALLY TUNED LASER AMPLIFIERS
 WAVE MEASUREMENTS OF A COM. SUPPERSCRIPT MAGNETICALLY IN A MACH NUMBER 4.3 STREAM
 FLOW AND HEAT TRANSFER PHENOMENA OF PLASMA ARCS MAGNETICALLY BALANCED IN A CROSS FLOW
 THE INFLUENCE OF FINITE ELECTRICAL CONDUCTIVITY ON THE DEVELOPMENT OF A MAGNETICALLY DRIVEN SHOCK IN MAGNETICALLY QUIET AND DISTURBED
 ELECTRIC ARC ATTACHMENT, HEAT TRANSFER, AND ELECTRODE EROSION OF HIGH CURRENT ARCS DRIVEN MAGNETICALLY OVER METAL

AFOSR67-0122
 ARL 68-1310
 ARL 68-1319
 ARL 68-1326
 AFOSR68-0098
 AFOSR67-0361
 AFOSR68-1123
 AFOSR68-1863
 AFOSR68-0671
 AFOSR68-1565
 ARL 67-1335
 AFOSR67-1924
 AFOSR68-1126
 ARL 68-1022

MAGNETISM

MAGNETISM IN HIGH MAGNETIC FIELDS
 FUNDAMENTALS OF MAGNETISM IN METALS I
 BAND-STRUCTURE EFFECTS ON ITINERANT-ELECTRON MAGNETISM II

AFOSR68-1022
 AFOSR67-0930
 AFOSR68-1071

MAGNETITE

MAGNETIC RELAXATION PHENOMENA OF MAGNETITE POWDER DOWN TO LIQUID HELIUM TEMPERATURES

AFOSR67-0354

MAGNETIZATION

MAGNETIZATION MEASUREMENTS AND PRESSURE DEPENDENCE OF THE CURIE POINT OF THE PHASE TRI SCANDIUM - INDIVIDUAL
 THIN FILM MAGNETIZATION ANALYSIS
 ANISOTROPIC MAGNETIZATION PROCESS AND MOSSBAUER EFFECT IN IRON POWDER
 ORIGIN OF CONSTRICTED MAGNETIZATION LOOPS IN HARD-ROLLED NICKEL AT LOW TEMPERATURES

AFOSR68-0924
 AFOSR68-
 AFOSR68-0165
 AFOSR68-0166

| | |
|---|--|
| MAGNETIZED | |
| SPIN POLARIZATION AROUND A LOCALIZED MAGNETIC IMPURITY IN A MAGNETIZED METAL
A RESONANCE TECHNIQUE FOR STUDYING DISPERSION IN LONGITUUDINALLY MAGNETIZED PLASMA GUIDES | AFOSR68-0689
AFOSR67-0827 |
| MAGNETO | |
| TURBULENCE IN MAGNETO PLASMAS
PROPERTIES OF THE ARL MAGNETO PLASMA DEVICE PART I SYSTEM OPERATION AND PLASMA GENERATION FINAL REPORT MAY 1968
A REVIEW OF DISPERSION RELATIONS FOR LOW FREQUENCY WAVES IN QUIESCENT MAGNETO PLASMAS FINAL REPORT MARCH 1967 | ARL 68-1466
ARL 68-0098
ARL 67-0058 |
| MAGNETO-IONIC | |
| GENERALIZED MAGNETO-IONIC THEORY FOR STRONG ELECTRIC FIELDS | AFCHL67-0397 |
| MAGNETO-OPTICAL | |
| MAGNETO-OPTICAL PHENOMENA
MAGNETO-OPTICAL AND RELATED STUDIES IN SIMPLE OXIDE CRYSTALS FINAL REPORT MARCH 1968
INTERBAND MAGNETO-OPTICAL ABSORPTION IN GALLIUM ARSENIDE
INFRA-RED MAGNETO-OPTICAL STUDIES OF LINE-WIDTH ANOMALIES CAUSED BY RESONANT POLARON COUPLING TO MAGNETIC STATES IN
MULTIPHOTON MAGNETO-OPTICAL RESONANCE IN PbTe AND InSb
POPE EMISSION AND MAGNETO-OPTICAL EFFECTS IN CdSe
FIBRIL STRUCTURE AND MAGNETO-OPTICAL EFFECTS IN ZINC SULFIDE
FLUCTUATION-DEPENDENT STUDY OF INTERBAND MAGNETO-OPTICAL TRANSITIONS IN INDIUM ARSENIDE AND INDIUM ANTIMONIDE AT 1.8 | AFOSR67-0212
AFOSR68-0461
AFOSR68-0601
ARL 68-1374
AFOSR67-0159
ARL 67-0146
AFOSR67-1782
AFOSR67-2381 |
| MAGNETO-OPTICS | |
| NONLINEAR MAGNETO-OPTICS OF LANDAU ELECTRONS
NONLINEAR MAGNETO-OPTICS OF ELECTRONS AND HOLES IN SEMICONDUCTORS AND SEMIMETALS | AFOSR67-0171
AFOSR67-1126 |
| MAGNETO-OSCILLATORY | |
| ENERGY BAND STRUCTURE OF COPROUS OXIDE IN THE VICINITY OF THE FUNDAMENTAL EDGE FROM MAGNETO-OSCILLATORY ABSORPTION | AFOSR67-2331 |
| MAGNETOABSORPTION | |
| INTERBAND MAGNETOABSORPTION IN INDIUM ARSENIDE AND INDIUM ANTIMONIDE | AFOSR67-1019 |
| MAGNETOACOUSTIC | |
| MAGNETOACOUSTIC ATTENUATION IN HIGH-FIELD SUPERCONDUCTORS
MAGNETOACOUSTIC ATTENUATION IN LIQUID GALLIUM TO 150 KELVINS
MAGNETOACOUSTIC ATTENUATION OF CIRCULARLY POLARIZED ULTRASOUND IN SnAl AND Sb
OSCILLATORY MAGNETOACOUSTIC ATTENUATION
LONGITUDINAL MAGNETOACOUSTIC EFFECT IN ALUMINUM
THE EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT NOV 1968
RESEARCH DIRECTED TOWARD EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT AUG 1968 | AFOSR67-0984
AFOSR67-1928
AFOSR68-0784
AFOSR67-0787
AFOSR68-0782
AFCHL67-0111
AFCHL68-0449 |
| MAGNETOACTIVE | |
| WAVE PROPAGATION IN A NON-MAXWELLIAN MAGNETOACTIVE NONLINEAR PLASMA FINAL REPORT MAY 1967 | AFCHL67-0319 |
| MAGNETOCONDUCTIVITY | |
| TRANSITION MATRIX DESCRIPTION OF DYNAMIC MAGNETOCONDUCTIVITY | AFOSR67-1827 |
| MAGNETOELASTIC | |
| MAGNETOELASTIC INTERACTIONS IN FERRITES
MAGNETOELASTIC PROPERTIES OF YTTRIUM IRON GARNET AS A FUNCTION OF TEMPERATURE
MAGNETOELASTIC PARALLEL-PUMP INSTABILITIES FOR GENERALLY DIRECTED WAVES
MAGNETOELASTIC AND MAGNETOSTATIC WAVES IN TIME-VARYING MAGNETIC FIELDS
NONLINEAR MAGNETOELASTIC INTERACTIONS
SMALL SIGNAL POWER AND MOMENTUM THEOREMS FOR A MAGNETOELASTIC FERROMAGNET | AFCHL67-0037
AFCHL67-0266
AFCHL67-0463
AFCHL67-0601
AFOSR68-0622
AFCHL68-0664 |
| MAGNETOELECTRIC | |
| MAGNETOELECTRIC SUSCEPTIBILITIES OF S-STATE ATOMIC SYSTEMS | AFOSR68-0119 |
| MAGNETOFLUID | |
| MAGNETOFLUID DYNAMICS, 19TH CENTURY PROPHECY | ARL 68-1003 |
| MAGNETOFLUIDDYNAMICS | |
| DISCONTINUOUS MAGNETOFLUIDDYNAMICS A SIMPLE LIQUID SIMULATION | AFOSR68-1935 |
| MAGNETOGASDYNAMIC | |
| COMPRESSIBLE MAGNETOGASDYNAMIC FREE JET
INSULATOR BOUNDARY LAYERS IN A SUPERSONIC MAGNETOGASDYNAMIC CHANNEL | AFOSR68-1198
AFOSR68-1036 |
| MAGNETOGASDYNAMICS | |
| MAGNETOGASDYNAMICS
MAGNETOGASDYNAMICS AND RADIATION GASDYNAMICS
MAGNETOGASDYNAMICS AND RADIATION GASDYNAMICS
RADIATION MAGNETOGASDYNAMICS
MULTIFLUID THEORY OF MAGNETOGASDYNAMICS
QUASI-ONE DIMENSIONAL MAGNETOGASDYNAMICS
DISCONTINUITIES IN NONIDEAL MAGNETOGASDYNAMICS
MODERN ASPECTS OF RADIATION MAGNETOGASDYNAMICS
RESEARCH ON PLASMADYNAMICS AND MAGNETOGASDYNAMICS
QUASI-ONE-DIMENSIONAL ANALYSIS OF MAGNETOGASDYNAMICS
SOME SIMILARITY TRANSFORMATIONS IN MAGNETOGASDYNAMICS
ON THE USE OF VARIATIONAL METHODS IN STEADY MAGNETOGASDYNAMICS
DISCONTINUITY RELATIONS AND SHOCK POLARS FOR CONSERVATION EQUATIONS WITH APPLICATION TO MAGNETOGASDYNAMICS | ARL 68-1031
ARL 68-1034
ARL 68-1038
ARL 68-1026
ARL 68-1033
ARL 68-1029
ARL 68-1030
AFOSR68-1926
ARL 68-1028
AFOSR68-1196
AFOSR67-1000
AFOSR68-1187
AFOSR67-0416
AFOSR67-2438 |
| MAGNETOHYDRODYNAMIC | |
| MAGNETOHYDRODYNAMIC LUBRICATION FLOW BETWEEN PARALLEL PLATES
MAGNETOHYDRODYNAMIC CHANNEL FLOW WITH NONEQUILIBRIUM IONIZATION
MAGNETOHYDRODYNAMIC FLOW IN A RECTANGULAR DUCT WITH CONDUCTING ELECTRODES
VISCIOUS MAGNETOHYDRODYNAMIC FLOWS
UNSTEADY MAGNETOHYDRODYNAMIC FLOW PAST THIN BODIES WITH INWARDLY DIFFUSING MAGNETIC FIELD
SUNSPOTS AND MAGNETOHYDRODYNAMIC FLOWS | AFOSR67-0324
AFOSR67-0910
AFOSR67-2460
AFOSR68-2620
AFOSR68-0460
AFCHL68-0476 |

MAGNETOHYDRODYNAMIC - CONTINUED

| | |
|--|--------------|
| STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET II. INVISCID STABILITY OF INCOMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET | AFOSR66-1561 |
| STABILITY OF MAGNETOHYDRODYNAMIC SHOCK WAVES | AFOSR66-1611 |
| STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART I MAGNETOHYDRODYNAMIC HALF-JET | AFOSR66-1594 |
| STABILITY OF A MAGNETOHYDRODYNAMIC HALF-JET III. INVISCID STABILITY OF A COMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET | AFOSR66-1578 |
| COMPRESSIBLE LAMINAR MAGNETOHYDRODYNAMIC BOUNDARY LAYER FLOW INSIDE A FLAT DUCT WITH HEAT TRANSFER | AFOSR66-0898 |
| NUMERICAL EXPERIMENTS OF MAGNETOHYDRODYNAMIC SHOCKS AND THE STABILITY OF SWITCH-ON SHOCKS | AFOSR67-2078 |
| STABILITY OF RELATIVISTIC MAGNETOHYDRODYNAMIC SHOCK WAVES | AFOSR66-1806 |
| NONUNIFORM ELECTRICAL CONDUCTION IN MAGNETOHYDRODYNAMIC CHANNELS | AFOSR67-2851 |
| STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART I MAGNETOHYDRODYNAMIC HALF-JET | AFOSR66-1704 |
| STABILITY OF A MAGNETOHYDRODYNAMIC HALF-JET III. INVISCID STABILITY OF A COMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET | AFOSR66-1578 |
| STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART II. INVISCID STABILITY OF INCOMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET | AFOSR66-1581 |
| MAGNETOHYDRODYNAMICS | |
| GASDYNAMIC METHODS IN MAGNETOHYDRODYNAMICS FINAL REPORT DEC 1966 | AFOSR67-0151 |
| MAGNETOHYDRODYNAMIC | |
| STABILITY OF A MAGNETOHYDRODYNAMIC HALF-JET III. INVISCID STABILITY OF A COMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET | AFOSR66-1578 |
| MAGNETOIONIC | |
| SURFACE FIELDS OF LINEAR ANTENNAS IN FREE SPACE DIELECTRIC RODS AND MAGNETOIONIC MEDIA | AFCL66-0874 |
| MULTI-MODE WAVE COUPLING IN INHOMOGENEOUS ANISOTROPIC MEDIA - WITH SOME MAGNETOIONIC APPLICATIONS | AFCL66-0057 |
| MAGNETOMETER | |
| ASPECT OF A ROCKET FROM MAGNETOMETER DATA FINAL REPORT JUNE 1967 | AFCL67-0424 |
| AIRBORNE RECONNAISSANCE MAGNETOMETER SYSTEM /U/ FINAL REPORT DEC 1967 | AFCL67-0694 |
| AIRBORNE RECONNAISSANCE MAGNETOMETER SYSTEM /U/ FINAL REPORT JUNE 1968 | AFCL68-0359 |
| VERY LOW FREQUENCY INTEGRATING VIBRATING SAMPLE MAGNETOMETER /VLPVSM/ WITH HIGH DIFFERENTIAL SENSITIVITY IN HIGH DC | AFOSR66-0822 |
| MAGNETOOPTICAL | |
| THEORY OF THE INTERBAND MAGNETOOPTICAL SEMICONDUCTOR LASER | AFOSR67-0570 |
| MAGNETOPLASMA | |
| MAGNETOPLASMA EFFECTS IN SOLIDS FINAL REPORT APRIL 1968 | AFOSR66-1349 |
| HELICONS MAGNETOPLASMA EDGE AND PARADAY ROTATION IN SOLID STATE PLASMAS AT MICROWAVE FREQUENCIES | AFOSR67-1569 |
| ABSORPTION SPECTRUM OF A MAGNETOPLASMA DIELECTRIC IN A RESO CAVITY | AFOSR66-2409 |
| AN EXPERIMENTAL AND THEORETICAL STUDY OF WAVE MIXING IN A BOUNDED MAGNETOPLASMA | AFCL66-0437 |
| MAGNETOPLASMAS | |
| DIAGNOSTICS OF MAGNETOPLASMAS BY LARGE ANGLE LASER SCATTERING | ARL 67-0020 |
| ELECTRICAL CONDUCTIVITY OF MAGNETOPLASMAS PART I - GENERAL THEORY OF EFFECTIVE PARAMETERS | AFCL67-0527 |
| ELECTRICAL CONDUCTIVITY OF MAGNETOPLASMAS PART II - EFFECTIVE PARAMETERS FOR NON-MAXWELLIAN DISTRIBUTIONS | AFCL67-0526 |
| TRANSPORT PROPERTIES AND TURBULENCE IN MAGNETOPLASMAS | ARL 68-1447 |
| MAGNETOREFLECTION | |
| INTERBAND MAGNETOREFLECTION AND BAND STRUCTURE OF HGT | AFOSR66-0022 |
| MAGNETORESISTANCE | |
| MAGNETORESISTANCE OF STRAY-FIELD COUPLED FILMS | AFOSR66-0164 |
| MAGNETORESISTANCE OF DILUTE MAGNETIC ALLOYS | AFOSR66-1829 |
| QUANTUM THEORY OF AC MAGNETORESISTANCE | AFOSR67-1031 |
| QUANTUM THEORY OF DYNAMIC MAGNETORESISTANCE | AFOSR67-1137 |
| MAGNETOSOLIDMECHANICS | |
| TRANSPORT PROCESSES IN MAGNETOSOLIDMECHANICS | AFOSR67-1039 |
| MAGNETOSPHERE | |
| F REGION AND MAGNETOSPHERE BACKSCATTER RESULTS | AFOSR67-2280 |
| BULK MOTION OF THE MAGNETOSPHERE | AFOSR66-1055 |
| A THEORY OF DISCRETE VLF EMISSIONS FROM THE MAGNETOSPHERE | AFOSR66-1406 |
| LABORATORY STUDIES OF PROPAGATION OF MAGNETIC DISTURBANCES IN THE MAGNETOSPHERE FINAL REPORT JULY 1968 | AFCL66-0415 |
| MAGNETOSPHERES | |
| ON THE MAGNETOSPHERES OF SELF-GRAVITATING BODIES | AFOSR67-1852 |
| MAGNETOSPHERIC | |
| MAGNETOSPHERIC TAIL STUDIES I ANALYSIS OF HOURLY AVERAGED IMP-C DATA IN THE MAGNETOSPHERIC TAIL 2 UNCOUPLING OF | AFCL67-0551 |
| RECENT RESEARCH ON THE MAGNETOSPHERIC PLASMAPAUSE | AFOSR66-2009 |
| ELECTRONS WITHIN THE NEUTRAL SHEET OF THE MAGNETOSPHERIC TAIL | AFOSR66-0684 |
| MAGNETOSPHERIC TAIL STUDIES I ANALYSIS OF HOURLY AVERAGED IMP-C DATA IN THE MAGNETOSPHERIC TAIL 2 UNCOUPLING OF | AFCL67-0551 |
| MAGNETOSTATIC | |
| MAGNETOELASTIC AND MAGNETOSTATIC WAVES IN TIME-VARYING MAGNETIC FIELDS | AFCL67-0681 |
| A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT FINAL | AFCL66-0406 |
| A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT | AFOSR66-1670 |
| EXCITATION OF WAVES IN HOT-PLASMA WAVEGUIDES WITH INFINITE MAGNETOSTATIC FIELDS | AFOSR67-0432 |
| MAGNETOTUNNELING | |
| PHOTON-ASSISTED MAGNETOTUNNELING IN GERMANIUM IN PARALLEL AND CROSSED ELECTRIC AND MAGNETIC FIELDS | AFOSR66-0176 |
| MAGNETRON | |
| COHERENT TUNABLE CW OSCILLATIONS IN A SMOOTH-BORE MAGNETRON THE -PLASMA-MAGNETRON FINAL REPORT JULY 1967 | AFOSR67-1663 |
| COHERENT TUNABLE CYCLOTRON MODE OSCILLATIONS IN A SMOOTH-BORE MAGNETRON FINAL REPORT JULY 1968 | AFOSR66-1723 |
| MAGNETS | |
| HIGH FIELD MAGNETS AT THE NATIONAL MAGNET LABORATORY | AFOSR67-2371 |
| SOLID HELIX MAGNETS FOR LARGE VOLUME PULSED HIGH FIELDS | AFOSR67-1236 |
| ORIGIN OF HIDDEN MOMENTUM FORCES-ON MAGNETS | AFOSR66-2424 |

| | |
|--|--------------|
| MAGNITUDE | |
| THE BRISNIC... 12 AND THE COEFFICIENT OF ABSORPTION IN THE IBERIAN PENINSULA REGION /SPANISH/ IN THE ABSOLUT... NITUDE AND EFFECTIVE TEMPERATURE OF THE HYDROGENPOOR STAR HD 30383 | AFOSR67-1200 |
| A TEST OF A TWO-STAGE MODEL OF MAGNITUDE JUDGEMENT | AFOSR67-1438 |
| BARRETTED EARTHQUAKE OF JUNE 28 1966 MAGNITUDE AND SOURCE MECHANISM | AFOSR67-1436 |
| EXCITATION OF MANTLE RAYLEIGH WAVES OF PERIOD 100 SECONDS AS A FUNCTION OF MAGNITUDE | AFOSR67-1431 |
| MAGNITUDES | |
| INTRINSIC DISTRIBUTIONS OF COMETARY PERIHELIA AND MAGNITUDES | AFOSR67-1776 |
| THE JUNE 21 1967 EARTHQUAKE SERIES AT FAIRBANKS ALASKA AFTERSHOCK LOCATIONS DEPTHS AND MAGNITUDES | AFOSR67-2880 |
| MAGNON | |
| ROLE OF EXCITON DISPERSION AND EXCITON-MAGNON INTERACTIONS ON THE SHAPE OF MAGNON SIDEBANDS IN STRESSED MANGANESE | AFOSR67-1433 |
| MAGNON-PHONON | |
| TRANSMISSION LINE MODELS OF MAGNON-PHONON MODES IN FERRITES PART II COUPLED MODES | AFOSR67-0314 |
| MAGNONS | |
| OPTICAL STUDIES OF LOCALIZED MAGNONS AND EXCITONS | AFOSR67-0482 |
| MAIN-SEQUENCE | |
| RAPIDLY ROTATING STARS III MASSIVE MAIN-SEQUENCE STARS | AFOSR67-2695 |
| MAINTENANCE | |
| DESIGN FOR MAINTENANCE OF THE SYSTEM BANDWIDTH IN THE PRESENCE OF PARAMETER CHANGES FINAL REPORT MAR 1967 | SRL 67-0007 |
| COMPARISON OF THE ROLE OF THE SUBTHALAMUS AND OF VARIOUS RUBRO-NEOCORTICAL STRUCTURES IN THE MAINTENANCE OF | AFOSR67-0101 |
| MAJOR | |
| CHOICE REACTION TIME AN ANALYSIS OF THE MAJOR THEORETICAL POSITIONS | AFOSR67-1804 |
| MAJORANA | |
| CURRENT OPERATORS AND MAJORANA EQUATION FOR THE HYDROGEN ATOM FROM DYNAMICAL GROUPS | AFOSR67-2134 |
| MARKER | |
| DISSEMINATE A DISTRIBUTIONAL-SEMANTICS INFERENCE MAKER | AFOSR67-0255 |
| MALKUS | |
| STABILITY OF TURBULENT CHANNEL FLOW WITH APPLICATION TO MALKUS'S THEORY | AFOSR67-2063 |
| MAMMALS | |
| OLFACTION IN MAMMALS | AFOSR67-0699 |
| SOME COMPARISONS BETWEEN THE NERVOUS SYSTEMS OF CEPHALOPODS AND MAMMALS | AFOSR67-0286 |
| MAN-COMPUTER | |
| ON MAN-COMPUTER INTERACTION A MODEL AND SOME RELATED ISSUES | AFOSR67-0093 |
| MAN-MACHINE | |
| RECENT PSYCHOLOGICAL RESEARCH RELEVANT TO THE HUMAN FACTORS ENGINEERING OF MAN-MACHINE SYSTEMS | AFOSR67-1824 |
| MAN/MACHINE | |
| MAN/MACHINE INTERACTION IN ADAPTIVELY CONTROLLED EXPERIMENTAL CONDITIONS | AFOSR67-2720 |
| MANAGEMENT | |
| SOCIAL RESEARCH AND MILITARY MANAGEMENT FINAL REPORT OCT 1966 | AFOSR67-2153 |
| RESEARCH AND DEVELOPMENT LABORATORY MANAGEMENT KNOWLEDGE UTILIZATION STUDY FINAL REPORT JULY 1966 | AFOSR67-1054 |
| A MATHEMATICAL MODEL OF THE FLOW OF DATA IN A MANAGEMENT INFORMATION SYSTEM | AFOSR67-0095 |
| UNDESIRABLE EFFECTS OF HYPNOSIS THE DETERMINANTS AND MANAGEMENT | AFOSR67-1844 |
| MANDELSTAM | |
| UNITARITY AND THE MANDELSTAM REPRESENTATION I MOMENT CONDITIONS FOR THE DOUBLE SPECTRAL FUNCTIONS | AFOSR67-0438 |
| MANIPRO | |
| SOME DISCUSSION AND EXTENSION OF MANFRED RIERWISCHS WORK I GERMAN ADJECTIVALS | AFOSR67-0055 |
| MANGANATE | |
| ELECTRONIC STRUCTURE OF THE MANGANATE CHROMATE VANADATE ION FROM THE METAL POTASSIUM X-RAY SPECTRA | AFOSR67-0403 |
| MANGANESE | |
| THE MANGANESE STAR 63 TAURI II FINE ANALYSIS | AFOSR67-1119 |
| STUDIES ON THE MANGANESE OF THE CHLOROPLAST | AFOSR67-0492 |
| OPTICAL PROPERTIES OF ALPHA MANGANESE SULFIDE | AFOSR67-1753 |
| HIGH TEMPERATURE ELECTRICAL PROPERTIES OF MANGANESE MONOXIDE | ARL 67-1145 |
| HIGH-TEMPERATURE ELECTRICAL PROPERTIES OF MANGANESE MONOXIDE | ARL 68-0147 |
| THE METAL-METAL BOND DISSOCIATION ENERGY IN MANGANESE CARBONYL | AFOSR67-1464 |
| ATOMIC READJUSTMENT TO AN INNER-SHELL VACANCY MANGANESE POTASSIUM X-RAY EMISSION SPECTRA FROM AN IRON 55 POTASSIUM- | AFOSR67-1141 |
| MAGNETIC FIELD-DEPENDENT PLASTIC EFFECTS IN THE CUBIC ANTIFERROMAGNET /RUBIDIUM MANGANESE TRIFLUORIDE/ | AFOSR67-2731 |
| CHEMISTRY OF THE METAL CARBONYLS PART XLVI PERFLUOROBUTADIENYL IRON RHEINIUM AND MANGANESE COMPLEXES | AFOSR67-1335 |
| ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS XI SOME CIS-1,2-ETHYLENEDITHIOATE DERIVATIVES OF MANGANESE CARBONYL | AFOSR67-1711 |
| ROLE OF EXCITON DISPERSION AND EXCITON-MAGNON INTERACTIONS ON THE SHAPE OF MAGNON SIDEBANDS IN STRESSED MANGANESE | AFOSR67-1453 |
| MANGANESE-DOPED | |
| ESR STUDY OF MANGANESE-DOPED ALPHA-ZINC SILICATE CRYSTALS | AFOSR67-1572 |
| MANGANIC | |
| AROMATIC OXIDATION BY ELECTRON TRANSFER II OXIDATIONS OF AROMATIC ETHERS AND AMINES BY MANGANIC ACETATE | AFOSR67-0242 |
| AROMATIC OXIDATION BY ELECTRON TRANSFER III OXIDATION OF 1- AND 2-METHOXY-NAPHTHALENE BY MANGANIC ACETATE | AFOSR67-0243 |

| | |
|---|-------------|
| MANGANESE | |
| ANTIFERROMAGNETISM IN DIBUTYRDIUM MANGANESE CHLORIDE DIHYDRATE | AFOSMA-0051 |
| MANIA | |
| ACID MONOMER METALLOIDS OF CEMENTATION FLUID IN MENTAL DEPRESSION AND MANIA | AFOSMA-0067 |
| MANIFOLDS | |
| STRUCTURALLY STABLE SYSTEMS ON OPEN MANIFOLDS ARE NEVER DENSE | AFOSMA-0060 |
| REMARKS ON INTEGRAL INEQUALITIES ON COMPLEX MANIFOLDS | AFOSMA-0114 |
| PARALLEL AND CENTRAL TRANSFORMATIONS OF RIEMANNIAN MANIFOLDS | AFOSMA-1076 |
| MANIPULATIONS | |
| SURVEY OF COMPUTER LANGUAGES FOR SYMBOLIC AND ALGEBRAIC MANIPULATIONS PROCEEDINGS OF IPIPS CONFERENCE ON SYMBOL | AFOSMA-0111 |
| MANIPULATOR | |
| LOW TEMPERATURE CLEAVAGE MANIPULATOR FOR LEED APPARATUS | AFOSMA-0210 |
| MANTLE | |
| EXCITATION OF MANTLE RAYLEIGH WAVES OF PERIOD 100 SECONDS AS A FUNCTION OF MAGNITUDE | AFOSMA-1451 |
| THE ANELASTICITY OF THE MANTLE | AFOSMA-1450 |
| P-WAVE VELOCITIES IN THE MANTLE BELOW 700 KM | AFOSMA-0062 |
| DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY | AFOSMA-0019 |
| DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY | AFOSMA-0019 |
| ON THE STRUCTURE OF THE UPPER MANTLE | AFOSMA-0141 |
| ATTENUATION OF SEISMIC BODY WAVES IN THE MANTLE | AFOSMA-0068 |
| TECTONIC FEATURES OF THE EARTH'S CRUST AND UPPER MANTLE FINAL REPORT AUG 1967 | AFOSMA-0107 |
| ARRAY MEASUREMENTS OF P VELOCITIES IN THE UPPER MANTLE | AFOSMA-1445 |
| INVESTIGATION ON THE NONPLASTIC BEHAVIOR OF THE UPPER MANTLE | AFOSMA-0077 |
| REFLECTION AND TRANSMISSION FROM A PLANE LAYERED CORE-MANTLE BOUNDARY | AFOSMA-0147 |
| INVESTIGATIONS ON THE NONPLASTIC BEHAVIOR OF THE UPPER MANTLE FINAL REPORT MAY 1968 | AFOSMA-0147 |
| P WAVE DIFFRACTION THEORY AND THE STRUCTURE OF THE CORE-MANTLE BOUNDARY | AFOSMA-1932 |
| DISSIPATION FACTOR OF THE TORSIONAL MODE FOR A HOMOGENEOUS MANTLE EARTH WITH A SOFT-SOLID OR A VISCOUS-LIQUID CORE | AFOSMA-1149 |
| SPECTRUM OF SHORT-PERIOD CORE PHASES IN RELATION TO THE ATTENUATION IN THE MANTLE | AFOSMA-0150 |
| ATTENUATION OF THE TORSIONAL FREE OSCILLATIONS IN AN EARTH WITH A DISSIPATIVE MANTLE AND A DISSIPATIVE SOFT-SOLID CORE | AFOSMA-0141 |
| THE TRAVEL TIMES OF P WAVES TO 30 DEGREES IN THE CENTRAL UNITED STATES AND UPPER MANTLE STRUCTURE FINAL REPORT JULY | AFOSMA-1604 |
| SPECTRUM OF P AND PCP IN RELATION TO THE MANTLE-CORE BOUNDARY AND ATTENUATION IN THE MANTLE | AFOSMA-0172 |
| MANTLE-CORE | |
| SPECTRUM OF P AND PCP IN RELATION TO THE MANTLE-CORE BOUNDARY AND ATTENUATION IN THE MANTLE | AFOSMA-0172 |
| MANUAL | |
| 1. MANUAL | AFOSMA-0016 |
| SYSTEMS MANUAL FOR THE EXPERIMENTAL LITERATURE COLLECTION AND REFERENCE RETRIEVAL SYSTEM OF THE CENTER FOR THE | AFOSMA-1676 |
| A USER'S MANUAL FOR A COMPUTER PROGRAM TO REDUCE SPECTROGRAPHIC DATA FROM A ROTATIONALLY SYMMETRIC PLASMA, FINAL REPORT | AFOSMA-0003 |
| SCORE USER MANUAL | AFOSMA-0027 |
| FORMULA ALGOL MANUAL | AFOSMA-0060 |
| SUPPLEMENT TO 1964 INSTRUCTION MANUAL NO 15 COSMIC RAY TABLES ASYMPTOTIC DIRECTIONS VARIATIONAL COEFFICIENTS AND CUTOFF | AFOSMA-0030 |
| ASYNCHRONOUS FINITE STATE MODELS OF MANUAL CONTROL SYSTEMS | AFOSMA-0055 |
| SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART II-PROGRAM MANUAL | AFOSMA-0093 |
| DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM PROGRAM MANUAL FINAL REPORT PER 1968 | AFOSMA-0122 |
| DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM OPERATORS MANUAL FINAL REPORT PER | AFOSMA-0130 |
| MANUALLY | |
| SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART I-THEORETICAL BACKGROUND AND APPLICATIONS | AFOSMA-0092 |
| SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART II-PROGRAM MANUAL | AFOSMA-0093 |
| MANY | |
| MANY BODY THEORY AND QUANTUM FLUIDS FINAL REPORT JUNE 1968 | AFOSMA-1034 |
| THEORY OF MANY BODY PROBLEM AND PARTICLE PHYSICS FINAL REPORT JAN 1968 | AFOSMA-1741 |
| ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON ATOMS FINAL REPORT FEB 1967 | AFOSMA-0899 |
| THE DIRICHLET PROBLEM FOR QUASILINEAR EQUATIONS WITH MANY INDEPENDENT VARIABLES | AFOSMA-1844 |
| RESEARCH ON THEORETICAL HIGH ENERGY PHYSICS AND QUANTUM THEORY OF MANY PARTICLE SYSTEMS FINAL REPORT DEC 1967 | AFOSMA-0910 |
| MANY-BODY | |
| MANY-BODY PHYSICS | AFOSMA-1137 |
| SOME EXTENSIONS OF THE MANY-BODY POTENTIAL MODEL OF QUARK BINDING | AFOSMA-1452 |
| STACKING-FAULT ENERGY AND MANY-BODY FORCE EFFECTS IN SOLID ARGON | AFOSMA-1524 |
| GROUND STATE OF THE KONDOR MANY-BODY SCATTERING PROBLEM | AFOSMA-1875 |
| STATISTICAL MECHANICS OF EQUILIBRIUM NON-EQUILIBRIUM AND QUANTUM MANY-BODY PROCESSES FINAL REPORT DEC 1967 | AFOSMA-2047 |
| MANY-ELECTRON | |
| A NEW APPROACH TO MANY-ELECTRON THEORY AT INTERMEDIATE DENSITIES | AFOSMA-2471 |
| UPPER AND LOWER BOUNDS AND THE GENERALIZED VARIATION-PERTURBATION APPROACH OF MANY-ELECTRON THEORY | AFOSMA-2511 |
| MANY-ELEMENT | |
| MODE SELECTION PROPERTIES OF A MANY-ELEMENT LASER | AFOSMA-0066 |
| MANY-FERMION | |
| SINGLE PARTICLE GREENS FUNCTION FOR A ONE-DIMENSIONAL MANY-FERMION SYSTEM | AFOSMA-1845 |
| LINKED CLUSTER THEOREM AND THE GREENS FUNCTION EQUATIONS OF MOTION FOR A MANY-FERMION SYSTEM | AFOSMA-1244 |
| MANY-PARTICLE | |
| QUANTUM THEORY OF MANY-PARTICLE SYSTEMS | AFOSMA-0100 |
| ATOMIC PHYSICS AND MANY-PARTICLE INTERACTIONS | AFOSMA-2020 |
| MAOIST | |
| MODERNISATION AND THE MAOIST VISION - SOME REFLECTIONS ON CHINESE COMMUNIST GOALS | AFOSMA-0150 |
| MAPPING | |
| MAPPING OF LUNAR RADAR REFLECTIVITY AT 70 CENTIMETERS | AFOSMA-0179 |
| ON A MAPPING POLYNOMIAL FOR GALILEI FIELDS | AFOSMA-0114 |

MAPPING - CONTINUED

| | |
|---|--|
| SYNTHETIC ARRAY MAPPING AND TARGET DETECTION FOR
LUNAR SLAY-DOPPLER MAPPING
A PROCEDURE FOR CONFORMAL MAPPING OF TRIPLY - CONNECTED DOMAINS
INTERNAL PROCESSING FOR HIGH-RESOLUTION MAPPING
ON THE CONFORMAL MAPPING OF THE SPACE OF NON-MATRICES INTO ITSELF
A MATRIX APPROACH TO THE THEORY OF RIEMANN-ROTH MAPPING
BOUNDARY VALUE PROBLEMS AND THE POINCARÉ-LEFSCHITZ MAPPING
SETTER IDENTIFICATION AND THE PRINCIPLE OF RANDOM CONTRACTION MAPPING | AFCL 67-0640
AFOSR67-1127
AFOSR68-0304
AFCL 67-0637
AFOSR67-0643
AFOSR67-0698
AFOSR67-2715
AFOSR68-1798 |
| MAPPING | |
| A CLASSIFICATION OF MAPPINGS
A THEOREM ON PAIR WITH APPLICATIONS TO MAPPINGS ON SYMMETRY CLASSES OF TENDERS
UNIFORMITY CONDITIONS FOR CERTAIN MORPHOLOGIC MAPPINGS | AFOSR67-1080
AFOSR67-2476
AFOSR67-1092 |
| MARS | |
| ON HOMOTOPIC MAPS
ON HOMOTOPIC MAPS
PRELIMINARY DEPTH (CONTOUR) MAPS FOR THE CONRAD A.E. MOUND DISCONTINUITIES IN EUROPE | AFOSR67-2127
AFOSR68-2562
AFCL 67-0492 |
| MARGINALS | |
| CONTINGENCY TABLES WITH GIVEN MARGINALS
PROBABILITY DENSITIES WITH GIVEN MARGINALS | AFOSR68-1427
AFOSR68-2239 |
| MARINE | |
| PLAN FOR IMPLEMENTING AN INFORMATION SYSTEM FOR MARINE SCIENCES LITERATURE | AFOSR68-2578 |
| MARINER | |
| COSMIC-RAY RADIATION DENSITY GRADIENT AND ITS RIGIDITY DEPENDENCE OBSERVED AT SOLAR MINIMUM ON MARINER IV
ANISOTROPIC PROPAGATION OF SOLAR PARTICLES DERIVED FROM SIMULTANEOUS OBSERVATIONS BY EARTH SATELLITES AND THE MARINER | AFOSR67-2854
AFOSR67-1212 |
| MARS | |
| OCTAGONAL RESEARCH SATELLITE MARS III DYS-1 (LARK 2) FINAL REPORT APR 1968 | AFCL68-0265 |
| MARSH | |
| THE OBSERVATION OF MARSHES DURING THE OXIDATION OF COLUMBIUM | ARL 68-0044 |
| MARSON | |
| SEMI-EMPIRICAL APPROACHES TO THE THEORY OF MARSON
ON THE MARSON THEORY FOR MARSON CHAINS II
SOME LIMIT THEOREMS FOR A SEVERAL MARSON PROCESSES
CONTRIBUTIONS TO THE THEORY OF MARSON PROCESSES
ON THE CONVERGENCE OF APPROXIMANTS TO A MARSON CHAIN II
ON THE CONVERGENCE OF APPROXIMANTS TO A MARSON CHAIN I | AFOSR67-1860
AFOSR67-0153
AFOSR67-1271
AFOSR67-1858
AFOSR68-2296
AFOSR68-2477 |
| MARS | |
| MARS OBSERVATION OF MARS AND JUPITER AT 24 CM
MINIMUM TIME FOR EARTH TO MARS TRAJECTORY FOR A SOLAR SAIL
RADIO-METRIC OBSERVATIONS OF THE PLANETS JUPITER VENUS AND MARS AT A WAVELENGTH OF 8.6 MILLIMETERS | AFOSR67-2694
ARL 68-1296
AFCL67-0409 |
| MARTIAN | |
| CHEMICAL KINETICS: ENTRY INTO THE MARTIAN ATMOSPHERE FINAL REPORT MAY 1967
THE EFFECTS OF TIDAL FORCES ON THE EVOLUTION OF THE MARTIAN MOON PHOTOS | ARL 67-0113
ARL 68-1299 |
| MARTINGALE | |
| ON THE COEFFICIENTS IN A WIERER CANONICAL EXPANSION FOR THE LIKELIHOOD FUNCTION OF A CONTINUOUS MARTINGALE | AFOSR67-1555 |
| MARTINGALES | |
| A DECOMPOSITION FOR A SUPER ONE-BOUNDED MARTINGALES | AFOSR68-0968 |
| MARTING | |
| ON MARTING LOWER BOUND FOR RESONANCE TIME OF IMPULSIVELY LOADED RIGID-PLASTIC STRUCTURES | AFOSR68-1332 |
| MASK | |
| EXPERIMENTAL MASK COUPLED RESONATOR AND PARADOX ROTATION TECHNIQUES FOR EXPERIMENTAL IONIZED GAS DIAGNOSTICS
STRUCTURE THEORY OF AN OPTICAL MASK I GENERAL THEORY
CHARACTERISTICS OF AN OPTICAL MASK II SPECTRAL PROPERTIES | AFOSR67-0826
AFOSR68-0117
AFOSR68-1067 |
| MASK | |
| SCANNING ELECTRON MICROSCOPE INVESTIGATION OF PLANAR DIFFUSED PN JUNCTION PROFILES NEAR THE EDGE OF A DIFFUSION MASK | AFOSR68-1173 |
| MASKER | |
| MASKING-LEVEL DIFFERENCES WITH AND WITHOUT INTERAURAL DISPARITIES IN MASKER INTENSITY | AFOSR68-2677 |
| MASKING | |
| THE MASKING OF LILAND REACTIVITY BY COMBINATION
ELECTROCHEMICAL MASKING WITH AN ADSORBENT METAL COMPLEX DETERMINATION OF SILVER- - MERCURY MIXTURES
MASKING-LEVEL DIFFERENCES WITH CONTINUOUS AND WITH BURST MASKING NOISE
DETERMINATION OF TRACE METALS USING COMBINATION CHAIN REACTIONS WITH MASKING AGENTS AND WITH AUTOMATED RATE
INTERACTION OF AN ILLUMINANT WITH AND WITHOUT UNDER MASKING REGARDING THE INTERAURAL PHASE OF THE MASKING NOISE | AFOSR67-2828
AFOSR68-0211
AFOSR67-1498
AFOSR67-2653
AFOSR67-2393 |
| MASKING-LEVEL | |
| MASKING-LEVEL DIFFERENCES WITH CONTINUOUS AND WITH BURST MASKING NOISE
MASKING-LEVEL DIFFERENCES WITH AND WITHOUT INTERAURAL DISPARITIES IN MASKER INTENSITY | AFOSR67-1498
AFOSR68-2677 |
| MASKING | |
| THE NUMBER OF TERMS IN THE GENERAL GAUSS FORMULA FOR COATES AND HAZON SIGNAL FLOW GRAPHS | AFOSR67-0346 |

444

MASTERS

MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1963 VOLUME VIII FINAL REPORT AUG 1966
 MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1962 VOLUME VII FINAL REPORT AUG 1966
 MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1961 VOLUME VI FINAL REPORT AUG 1966
 A KEYWORD AND AUTHOR INDEX FOR THE MASTERS THESES IN THE PURE AND APPLIED SCIENCES ACCEPTED BY U S COLLEGES AND

AFOSR67-0302
 AFOSR67-0363
 AFOSR67-0364
 AFOSR67-0421

MATCH

MATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE
 MATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE

AFOSR67-0710
 AFOSR67-1569

MATCHED

DIGITAL MATCHED FILTERS FOR DETECTING GAUSSIAN SIGNALS IN GAUSSIAN NOISE
 REPLY TO TRANSDUCER POWER GAIN IN OPTIMALLY MATCHED NETWORKS

AFOSR68-1919
 AFOSR68-2643

MATCHING

OPTIMAL MATCHING A NEW APPROACH TO THE MATCHING PROBLEM FOR REAL LINEAR TIME-INVARIANT ONE-PORT NETWORKS
 A GENERAL MATCHING THEORY AND ITS APPLICATION TO TUNNEL DIODE AMPLIFIERS
 VARIABLE AIR TRANSFORMER FOR IMPEDANCE MATCHING
 OPTIMAL MATCHING A NEW APPROACH TO THE MATCHING PROBLEM FOR REAL LINEAR TIME-INVARIANT ONE-PORT NETWORKS
 DEVELOPMENT AND ANALYSIS OF MODELS FOR A MAP MATCHING NAVIGATION SYSTEM
 REPROGRAMMING OF THE SONIC OUTPUT OF THE DOLPHIN SONIC BURST-COUNT MATCHING FINAL REPORT MARCH 1968
 THE BASIC LIMITATIONS IN THERMAL IMAGE DETECTION AS AFFECTED BY COOLING, SPECTRAL MATCHING, THE OPTICAL SYSTEM AND
 DIRECT CONFIGURATIONAL CORRELATION OF SULFOXIDES AND PHOSPHINE OXIDES BY INTERSYSTEM MATCHING OF COTTON EFFECTS

AFOSR68-2462
 AFOSR67-0333
 AFOSR67-0142
 AFOSR68-2462
 AFOSR68-2050
 AFOSR68-0818
 ARL 68-1427
 AFOSR68-2233

MATERIAL

MATERIAL FUNCTIONS OF ARC PLASMAS FROM CHARACTERISTIC MEASUREMENTS
 THE SPINNING MATERIAL DERIVATIVE AND THE CONTINUITY EQUATION
 SLIDING OF COPPER-BASED SINTERED MATERIAL AGAINST STEEL IN PARAFFINIC MINERAL OIL
 CONSTITUTIVE EQUATIONS FOR DYNAMIC MATERIAL BEHAVIOR
 A CENTER OF COMPETENCE IN SOLID STATE MATERIAL AND DEVICES
 SIZING OF STORAGE TANKS FOR OFF-GRADE MATERIAL
 SCANNING ELECTRON MICROSCOPY OF BIOLOGICAL MATERIAL
 LABORATORY SIMULATION OF LUNAR LUMINESCENCE WITH SPECIAL REFERENCE TO METEORITIC MATERIAL FINAL REPORT DEC 1967
 INTERIOR ELASTIC STRESS FIELD IN A CONTINUOUS CLOSE-PACKED FILAMENTARY COMPOSITE MATERIAL UNDER UNIAXIAL TENSION
 SPECTROSCOPIC CONSIDERATIONS OF CHROMIUM DOPED LITHIUM GERMANATE AS A POSSIBLE LASER MATERIAL

ARL 68-0341
 AFOSR68-1703
 AFML 67-0018
 AFOSR67-2311
 AFOSR68-0403
 AFOSR67-2220
 AFOSR67-0347
 AFOSR68-0235
 AFOSR68-1906
 AFOSR68-0370

MATERIALS

EXCITONS IN II-VI MATERIALS
 STUDIES OF OPTICAL MATERIALS FINAL REPORT AUG 1967
 THE SEARCH FOR NEW MATERIALS
 WAVE PROPAGATION IN MATERIALS HAVING FREQUENCY DEPENDENT RHEOLOGICAL PROPERTIES
 ELECTRICAL PROPERTIES OF MATERIALS IN THE FAR INFRARED REGION FINAL REPORT FEB 1968
 LOSS MEASUREMENT OF ORGANIC MATERIALS AT 6328 ANGSTROMS
 EXCITON PROPERTIES OF II-VI MATERIALS
 HIGH ENERGY ION IMPLANTATION OF MATERIALS FINAL REPORT JAN 1967
 ELECTRONIC PROPERTIES OF CERAMIC MATERIALS
 GEOMETRICAL ACOUSTICS IN MAGNETIC MATERIALS
 CODING AND ANALYSIS OF DOCUMENTARY MATERIALS FROM COMMUNIST CHINA
 A GENERAL THEORY OF DISSIPATION IN MATERIALS WITH MEMORY
 EFFECTS OF RADIATION ON SEMICONDUCTOR MATERIALS AND DEVICES FINAL REPORT DEC 1966
 OPTICAL SPECTROSCOPY OF SEMICONDUCTOR MATERIALS FINAL REPORT JUNE 1967
 RESEARCH ON ELECTRONIC INTERACTION IN MATERIALS AND ON DATA PROCESSING THEORY FINAL REPORT NOV 1967
 A CENTER OF COMPETENCE IN SOLID STATE MATERIALS AND DEVICES
 EFFECTS OF RADIATION ON SEMICONDUCTOR MATERIALS AND DEVICES FINAL REPORT APR 1968
 WAVE PROPAGATION IN LAMELLAR COMPOSITE MATERIALS
 PHYSICAL CHARACTERIZATION OF ELECTRONIC MATERIALS DEVICES AND THIN FILMS
 INVESTIGATION OF SOLID STATE DEVICES AND MATERIALS FINAL REPORT SEPT 1967
 FUNDAMENTAL INVESTIGATIONS OF LUMINESCENT MATERIALS FINAL REPORT JAN 1968
 DEVELOPMENT OF DESIGN CRITERIA FOR COMPOSITE MATERIALS
 CONTENT ANALYSIS OF DOCUMENTARY AND BIOGRAPHIC MATERIALS METHODOLOGY
 CRYSTAL GROWTH AND OPTICAL PROPERTIES OF II-VI MATERIALS
 EFFECT OF VACUUM ENVIRONMENT ON THE BEHAVIOR OF MATERIALS
 PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS FINAL REPORT JAN 1967
 THERMODYNAMICS AND WAVE PROPAGATION IN NON-LINEAR MATERIALS WITH MEMORY
 SLOW RELAXATION EFFECTS IN MAGNETICALLY NONUNIFORM MATERIALS
 DETONATION CHARACTERISTICS OF LOW DENSITY GRANULAR MATERIALS
 DETONATION CHARACTERISTICS OF LOW DENSITY GRANULAR MATERIALS
 MATRIX-LIMITED FATIGUE PROPERTIES IN FIBRE COMPOSITE MATERIALS
 ON THE STABILITY OF CERTAIN NOTIONS OF INCOMPRESSIBLE MATERIALS WITH MEMORY
 AN APPLICATION OF STRAIN-GRADIENT THEORY TO NONHOMOGENEOUS MATERIALS
 RESEARCH ON STRUCTURE CHARACTERIZATION OF CONTINUOUS FILAMENT MATERIALS
 THE ROLE OF IMPERFECTION CHEMISTRY IN THE CHARACTERIZATION OF MATERIALS
 SPECTROSCOPIC STUDIES OF THE VAPORIZATION OF HIGH TEMPERATURE MATERIALS FINAL REPORT APRIL 1968
 EDUCATION FOR POLICY ROLES AN ANALYSIS OF LECTURERS AND READING MATERIALS AT SELECTED WAR COLLEGES
 DEVELOPMENT AND APPLICATION OF METHODS FOR ANALYSES OF RESEARCH MATERIALS FINAL REPORT JAN 1967
 SOME PROPERTIES OF GASES WITH VIBRATIONAL RELAXATION WHEN VIEWED AS MATERIALS WITH MEMORY
 INVESTIGATION OF ELECTRON BEAM PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT DEC 1966
 ON THE USE OF SYMMETRY TO SIMPLIFY THE CONSTITUTIVE EQUATIONS OF ISOTROPIC MATERIALS WITH MEMORY
 RELATIONSHIP BETWEEN DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF CERAMIC MATERIALS
 METHOD FOR PRODUCTION OF BLAZED OPTICAL DIFFRACTION GRATINGS FROM SINGLE CRYSTAL MATERIALS
 A SIMPLIFIED MODEL FOR THERMAL SHOCK AND SPALLATION IN PARTIALLY TRANSPARENT ELASTIC MATERIALS UNDER ENERGETIC
 INVESTIGATION OF ELECTRON BEAM AND HOLLOW CATHODE PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT NOV
 CALIBRATION AND USE OF AN ELECTRON MICROSCOPE FOR PRECISION MICROMEASUREMENTS IN THIN FILM MATERIALS

ARL 67-1316
 AFOSR67-0467
 AFOSR67-2407
 AFOSR68-0141
 AFOSR68-0405
 AFOSR68-0082
 ARL 67-1307
 AFOSR67-0123
 ARL 68-1157
 AFOSR67-0025
 AFOSR67-1167
 AFOSR68-0409
 AFOSR67-0068
 AFOSR67-0263
 AFOSR67-0657
 AFOSR68-0145
 AFOSR68-0250
 AFOSR68-2200
 AFOSR68-0091
 AFOSR67-0685
 AFOSR68-0213
 AFML 67-0095
 AFOSR67-2619
 ARL 68-1060
 AFOSR68-0371
 AFOSR67-0181
 AFOSR68-1753
 AFOSR67-0381
 AFOSR67-0413
 AFOSR68-1265
 AFOSR67-0650
 AFOSR68-2654
 AFOSR68-2224
 AFML 67-0290
 AFOSR67-1091
 AFOSR68-1211
 AFOSR68-0953
 ARL 67-0002
 AFOSR68-1103
 AFOSR67-0273
 AFOSR68-2667
 ARL 68-1158
 AFOSR68-0333
 AFOSR68-1552
 AFOSR68-0004
 AFOSR67-1933

MATHEMATICAL

MATHEMATICAL RESEARCH ON CODING THEORY FINAL REPORT DEC 1966
 MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING RADIATION ON SEMICONDUCTORS
 MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING RADIATION ON SEMICONDUCTORS
 MATHEMATICAL THEORY OF CONTROL PROCEEDINGS, UNIV SOUTHERN CALIFORNIA LOS ANGELES, JANUARY 30-FEBRUARY 1, 1967 4500 NEW
 MATHEMATICAL STUDIES OF NONLINEAR CIRCUITS FINAL REPORT FEB 1968
 MATHEMATICAL ASPECTS OF COMPUTER SCIENCE PROCEEDINGS OF SYMPOSIA IN APPLIED MATHEMATICS MATHEMATICAL ASPECTS OF
 MATHEMATICAL ANALYSIS OF THE THERMAL WAVE TECHNIQUE FOR LINEAR KINETICS
 MATHEMATICAL THEORY OF SWITCHING CIRCUITS AND AUTOMATA UNIVERSITY OF CALIF PRESS 1968 FINAL REPORT SEPT 1968
 MATHEMATICAL ANALYSIS OF LANDIS-TYPE EXPERIMENTS ON THE TRANSPORT OF FLUID ACROSS THE WALLS OF CAPILLARY BLOOD VESSELS
 MATHEMATICAL THEORY OF STEADY COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS FINAL REPORT
 MATHEMATICAL METHODS IN CELESTIAL MECHANICS
 MATHEMATICAL METHODS IN CELESTIAL MECHANICS
 MATHEMATICAL PROPERTIES ASSOCIATED WITH COMBINATION LOCKS, FINAL REPORT MARCH 1968
 MATHEMATICAL MODELS OF PHYSIOLOGICAL SYSTEMS
 MATHEMATICAL MODELS OF PHYSIOLOGICAL SYSTEMS
 MATHEMATICAL MODEL FOR BLOOD SUGAR REGULATION

AFOSR67-0010
 AFOSR68-0246
 AFOSR68-0584
 AFOSR67-2846
 AFOSR68-0643
 AFOSR68-1019
 AFOSR68-1516
 AFOSR68-2316
 AFOSR68-2356
 ARL 67-0140
 ARL 67-1181
 ARL 67-1183
 ARL 68-0050
 ARL 68-1240
 ARL 68-1257
 ARL 68-1265

MATHEMATICAL

- CONTINUED

MATHEMATICAL MODELING IN PHYSIOLOGY
 MATHEMATICAL MODEL OF GLUCOSE HOMEOSTASIS
 MATHEMATICAL MODELING OF PHYSIOLOGICAL SYSTEMS
 MATHEMATICAL METHODS IN CELESTIAL MECHANICS
 MATHEMATICAL MODEL IDENTIFICATION IN PHYSIOLOGY
 A MATHEMATICAL MODEL OF TRANSFORMATIONAL GRAMMARS
 A MATHEMATICAL MODEL FOR THE PERCEPTION OF TONES IN CONTEXT
 A MATHEMATICAL MODEL FOR THE BIOLOGICAL CLOCK OF PASSER DOMESTICUS
 A MATHEMATICAL MODEL FOR DESCRIBING THE COMPATIBILITY OF INFECTIOUS DISEASES
 A MATHEMATICAL MODEL FOR THE PERCEPTION OF TONES IN CONTEXT PART II
 A MATHEMATICAL MODEL OF THE FLOW OF DATA IN A MANAGEMENT INFORMATION SYSTEM
 A MATHEMATICAL MODEL FOR THE ANALYSIS OF CONTOUR-LINE DATA
 ON MATHEMATICAL RESEARCH FOR ARTIFICIAL INTELLIGENCE
 ON THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER THEORY AN EXAMPLE
 ADVANCED MATHEMATICAL RESEARCH FINAL REPORT SEPT 1968
 STUDY OF THE MATHEMATICAL FOUNDATIONS OF THE MEDIAL AXIS TRANSFORMATION FINAL REPORT AUG 1968
 INTRODUCTION TO MATHEMATICAL STATISTICS
 CONTRIBUTIONS TO MATHEMATICAL MATHEMATICS
 SPECIAL PROGRAM IN MATHEMATICAL ANALYSIS
 SYMMETRIC QUALITY IN MATHEMATICAL PROGRAMMING
 SYMMETRIC QUALITY IN MATHEMATICAL PROGRAMMING
 THEORY OF PLASMA RADIATION I MATHEMATICAL DEVELOPMENT
 CONSIDERATIONS REGARDING THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER THEORY
 FELIX HAUSDORFF IN MEMORIAM THE MATHEMATICAL WORK OF F. HAUSDORFF /GERMAN/
 SIMPLIFIED LANGUAGE FOR ABSTRACT MATHEMATICAL STRUCTURES
 THE ADON-CONNECTIVITY MATRIX /ACM/ AS A MATHEMATICAL ANALOG OF CHEMISTRY
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME V WEATHER MODIFICATION
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME I THEORY OF STATISTICS
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART I PROBABILITY
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART II PROBABILITY
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME III PHYSICAL SCIENCES
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME IV BIOLOGY AND PROBLEMS
 ON THE OSCILLATIONS AND STABILITY OF ROTATING STELLAR MODELS I MATHEMATICAL TECHNIQUES
 MATHEMATICAL ASPECTS OF COMPUTER SCIENCE PROCEEDINGS OF SYMPOSIA IN APPLIED MATHEMATICS MATHEMATICAL ASPECTS OF
 SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE MATHEMATICAL

MATHEMATICAL/STATIST

MATHEMATICAL/STATISTICAL TECHNIQUE TO ESTIMATE MAXIMUM AEROSPACE VEHICLE RESPONSE TO WIND FINAL REPORT MAY 1967

MATHEMATICS

MATHEMATICS IN SCIENCE AND ENGINEERING STOCHASTIC STABILITY AND CONTROL
 SOME MATHEMATICS OF LIFE-LENGTHS--OLD AND NEW
 SPACE MATHEMATICS PART 2
 SPACE MATHEMATICS PART 1
 SPACE MATHEMATICS PART 3
 IN SEARCH OF MATHEMATICS FOR BIOLOGY FINAL REPORT APRIL 1967
 THE ROLE OF LOGIC AND MATHEMATICS IN CHEMISTRY
 SOME ASPECTS OF MODERN MATHEMATICS
 COI-AIDED SEMI-AUTOMATED MATHEMATICS FINAL REPORT JAN 1967
 CONTRIBUTIONS TO MATHEMATICAL MATHEMATICS
 SOME COMMENTS ON EXISTENCE AND UNIQUENESS THEOREMS IN APPLIED MATHEMATICS WITH AN APPLICATION TO THIN
 MATHEMATICAL ASPECTS OF COMPUTER SCIENCE PROCEEDINGS OF SYMPOSIA IN APPLIED MATHEMATICS MATHEMATICAL ASPECTS OF

MATHIEU

NUMERICAL ASPECTS OF MATHIEU EIGENVALUES
 A CHARACTERIZATION OF THE MATHIEU GROUP M12

MATHIEUS

DOUBLE POINTS OF MATHIEUS EQUATION
 DOUBLE POINTS OF MATHIEUS EQUATION
 DOUBLE POINTS OF MATHIEUS EQUATION

MATRICES

MATRICES WITH ZERO TRACE
 BINARY MATRICES WITH EQUAL DETERMINANT AND PERMANENT
 ON THE MATRICES AB AND BA
 GRAPHS AND MATRICES
 COMMUTATORS OF MATRICES WITH PRESCRIBED DETERMINANT
 ION REACTIONS IN MATRICES FINAL REPORT FEB 1967
 GENERALIZED GREENS MATRICES FOR TWO-POINT BOUNDARY PROBLEMS
 EXISTENCE OF N AND D MATRICES
 ON TESTING CORRELATION MATRICES
 SETS OF NEARLY TRIANGULAR MATRICES
 DOUBLY STOCHASTIC ASSOCIATED MATRICES
 TESTS FOR THE EQUALITY OF COVARIANCE MATRICES UNDER THE INTRACLASSE CORRELATION MODEL
 ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE CH SUB3 SIM SUB3 GEM SUB3 AND SNH SUB3
 ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE P PH SUB2 AND AS
 SELECTION PROCEDURES BASED ON COVARIANCE MATRICES OF MULTIVARIATE NORMAL POPULATIONS
 ON THE SPECTRA OF BOUNDED HERMITIAN HANKEL MATRICES
 APPROXIMATE EIGENSYSTEMS OF LARGE COVARIANCE MATRICES
 ON PRODUCTS OF FINITE DIMENSIONAL STOCHASTIC MATRICES
 SOME REMARKS ON A PAPER OF PAUL LEVY ON MADANARD MATRICES
 SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES A AGAINST CERTAIN ALTERNATIVES FINAL REPORT MARCH 1967
 SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES AGAINST CERTAIN ALTERNATIVES FINAL REPORT SEP 1968
 ON THE INVERSE OF THE LYAPUNOV OPERATOR MAPPING THE SPACE OF NXM MATRICES INTO ITSELF
 SYNTHESIS OF FINITE PASSIVE N-PORTS WITH PRESCRIBED POSITIVE REAL MATRICES OF SEVERAL VARIABLES
 LUMINESCENCE AND PHOSPHORESCENCE OF AROMATIC HYDROCARBONS IN SOLID MATRICES
 PRINCIPAL SUBMATRICES V SOME RESULTS CONCERNING PRINCIPAL SUBMATRICES OF ARBITRARY MATRICES

MATRICES

GENERALIZED GREENS MATRICES FOR TWO-POINT BOUNDARY PROBLEMS

MATRIX

MATRIX ELEMENTS FOR A THREE-NUCLEON SYSTEM I/1/
 MATRIX ELEMENTS FOR A THREE-NUCLEON SYSTEM I/1/
 MATRIX PRODUCTS AND THE EXPLICIT 3 A 9 AND 12-J COEFFICIENTS OF THE REGULAR PRESENTATION OF SU-N
 MATRIX ELEMENTS OF REPRESENTATIONS OF NON-COMPACT GROUPS IN A CONTINUOUS BASIS
 MATRIX FUNCTIONS
 A MATRIX APPROACH TO THE THEORY OF RIEMANNIAN MAPPING

MATRIX

- CONTINUED

| | |
|--|--------------|
| ↑ MATRIX AND PHASE SHIFTS IN SOLID-STATE SCATTERING THEORY | AFOSR67-1097 |
| REACTION MATRIX ELEMENTS FOR CLOSED-SHELL NUCLEI USING REALISTIC FORCES | AFOSR68-2782 |
| A NOTE ON MATRIX COMMUTATORS | AFOSR67-2390 |
| TRANSITION MATRIX DESCRIPTION OF DYNAMIC MAGNETOCONDUCTIVITY | AFOSR67-1527 |
| THE RIEMANN MATRIX OF 2π PLUS $1/2$ -DIMENSIONAL SYMMETRIC-HYPERBOLIC SYSTEMS | AFCL67-0520 |
| LECTURES ON MATRIX THEORY | ARL 67-1280 |
| ON A CLASS OF MATRIX EQUATIONS | AFOSR67-2389 |
| MULTIPLICATIVE MATRIX COMMUTATORS COMMUTING WITH BOTH FACTORS | AFOSR67-2378 |
| FUNCTIONS OF A MATRIX | ADAC 67-0370 |
| ARRAY DESIGN BY MATRIX METHODS | AFCL68-0542 |
| THE ATOM-CONNECTIVITY MATRIX (ACM) AS A MATHEMATICAL ANALOG OF CHEMISTRY | ARL 67-1114 |
| THE ATOM CONNECTIVITY MATRIX | ARL 67-1116 |
| NUMERICAL TECHNIQUES IN MATRIX MECHANICS | AFOSR68-1037 |
| EXTENSIONS OF CLASSICAL MATRIX INEQUALITIES | AFOSR68-2507 |
| DETERMINATION OF NUCLEAR MATRIX ELEMENT PARAMETERS IN THE FIRST PERIODIC BETA DECAY OF ^{80}Sb AND ^{80}Sb | ARL 67-1044 |
| ALL POSSIBLE SYMMETRIES OF THE S MATRIX | AFOSR67-2501 |
| EXTRACTION OF SINGULARITIES FROM THE S MATRIX | AFOSR67-0070 |
| THE CHARACTERISTIC POLYNOMIAL OF A SINGULAR MATRIX | AFOSR68-1740 |
| NONSIMPLE PHYSICAL REGION SINGULARITIES OF THE S MATRIX | AFOSR67-1350 |
| GENERALIZED LINEAR DIFFERENTIAL SYSTEMS AND RELATED RICCATI MATRIX INTEGRAL EQUATIONS | AFOSR67-0216 |
| THE KINETICS OF OXALATE ION PYROLYSIS IN A POTASSIUM BROMINE MATRIX | AFOSR67-0841 |
| SOME TECHNIQUES FOR ALGORITHM OPTIMIZATION WITH APPLICATION TO MATRIX ARITHMETIC EXPRESSIONS | AFOSR68-2641 |
| A METHOD FOR THE COMPUTATION OF THE GREATEST ROOT OF A NONNEGATIVE MATRIX | AFOSR67-0884 |
| TRIPLET-STATE ELECTRON SPIN RESONANCE OF AN H-ATOM-METHYL-RADICAL COMPLEX IN A SOLID MATRIX | AFOSR67-0184 |
| THE PREPARATION OF 1,2 AND 1,3 CIS DIMALONIPROPANEDIAMINE CHROMIUM HALIDE COMPLEXES BY THE THERMAL MATRIX METHOD | AFOSR67-1597 |
| MATRIX-ELEMENTS | |
| MONOPOL MATRIX-ELEMENTS | ARL 68-1224 |
| MATRIX-ISOLATED | |
| INFRARED SPECTRA OF SOLID AND MATRIX-ISOLATED $\text{CH}_3\text{NHSU}_3\text{M}$ AND $\text{SiHSU}_3\text{SU}_3\text{M}$ /TRIMETHYLAMINE PERDEUTEROTRISILYLAMINE | AFOSR67-2040 |
| MATRIX-ISOLATION | |
| INFRARED STUDIES OF DIMETHYLSILYLAMINE AND METHYLDISILYLAMINE BY THE MATRIX-ISOLATION TECHNIQUE | AFOSR67-2041 |
| MATRIX-LIMITED | |
| MATRIX-LIMITED FATIGUE PROPERTIES IN FIBRE COMPOSITE MATERIALS | AFOSR67-0650 |
| MATTER | |
| DYNAMICS OF PRESSURE-PPPE MATTER IN GENERAL RELATIVITY | AFOSR68-0297 |
| THREE-BODY FORCES IN NUCLEAR MATTER | AFOSR68-2547 |
| INTERACTION OF MICROWAVES WITH MATTER FINAL REPORT OCT 1968 | AFOSR68-2832 |
| EXPERIMENTS ON LASER INTERACTION WITH MATTER /FROZEN HYDROGEN/ | ARL 68-1304 |
| MAGNETIC MOMENTS AND PION CURRENTS IN NUCLEAR MATTER | AFOSR67-2051 |
| THEORETICAL STUDY OF THE INTERACTION OF RADIATION AND MATTER IN GASEOUS AND SOLID LASERS FINAL REPORT FEB 1968 | AFCL68-0108 |
| PHYSICAL ADSORPTION--A TOOL IN THE STUDY OF THE FRONTIERS OF MATTER | AFOSR68-0778 |
| STUDIES IN STELLAR EVOLUTION V TRANSPORT COEFFICIENTS OF DEGENERATE STELLAR MATTER | AFOSR67-1134 |
| MATTHIESSEN | |
| DEVIATIONS FROM THE MATTHIESSEN RULE | AFOSR68-1698 |
| MAXIMAL | |
| MAXIMAL IDEALS IN THE ALGEBRA OF BOUNDED HOLOMORPHIC FUNCTIONS | AFOSR67-1362 |
| MINIMALS AND MAXIMAL SOLUTIONS FOR NONLINEAR FUNCTIONAL EQUATIONS | AFOSR68-1952 |
| INHOMOGENEOUS COMPLETION OF NON-COMPACT SEMISIMPLE GROUPS WITH THE MAXIMAL COMPACT SUBGROUP AS LITTLE GROUP | AFOSR67-0473 |
| MAXIMAL-RATIO | |
| MAXIMAL-RATIO DIVERSITY COMBINERS | AFOSR68-0509 |
| MAXIMISATION | |
| MAXIMISATION OF DIRECTIVE GAIN FOR CIRCULAR AND ELLIPTICAL ARRAYS | AFCL67-0402 |
| MAXIMIZATION | |
| ANTENNA SYSTEM OPTIMIZATION BY TRANSCORRELATION FUNCTION MAXIMIZATION THEORY | AFCL67-0150 |
| ANTENNA SYSTEM OPTIMIZATION BY TRANSCORRELATION FUNCTION MAXIMIZATION APPLICATIONS | AFCL67-0168 |
| OPTIMIZATION OF INFORMATION-PROCESSING OPTICAL SYSTEMS BY TRANSCORRELATION-FUNCTION MAXIMIZATION | AFOSR68-2023 |
| MAXIMUM | |
| MAXIMUM LIKELIHOOD ESTIMATION OF THE DISTRIBUTIONS OF TWO STOCHASTICALLY ORDERED RANDOM VARIABLES | AFOSR67-1012 |
| MAXIMUM PROBABILITY ESTIMATORS | AFOSR68-1538 |
| A MAXIMUM PRINCIPLE OF THE PONTRYAGIN TYPE FOR SYSTEMS DESCRIBED BY NONLINEAR DIFFERENCE EQUATIONS | AFOSR67-0776 |
| A MAXIMUM PRINCIPLE FOR NONLINEAR PARABOLIC EQUATIONS | AFOSR68-1906 |
| THE LOCAL MAXIMUM THEOREM FOR THE COEFFICIENTS OF UNIVALENT FUNCTIONS | AFOSR68-0446 |
| CONDITIONAL MAXIMUM LIKELIHOOD ESTIMATION, FROM SINGLY CENSORED SAMPLES, OF THE SHAPE PARAMETERS OF PARETO AND LIMITED | ARL 68-0278 |
| A PERSISTENT LOCAL MAXIMUM OF THE PTH POWER DEVIATION ON AN INTERVAL P IS LESS THAN ONE | AFOSR68-1169 |
| ON THE DISTRIBUTION OF THE MAXIMUM OF A SEMI-MARKOV PROCESS | AFOSR68-2787 |
| DE-COUPLED WIDEBAND EXCITATIONS FOR MAXIMUM GAIN WITH ARBITRARY SLOPE CONSTRAINTS | AFCL67-0332 |
| ON THE PERFORMANCE CHARACTERISTICS OF MAXIMUM LIKELIHOOD DIVERSITY-ARRAY RECEIVERS | AFOSR68-1800 |
| ON DEGRADATION OF COMBINATION LOCKS AND THE MAXIMUM TIME TO OPEN THEM | ARL 67-1249 |
| MATHEMATICAL/STATISTICAL TECHNIQUE TO ESTIMATE MAXIMUM AEROSPACE VEHICLE RESPONSE TO WIND FINAL REPORT MAY 1967 | AFCL67-0394 |
| ON A NEW COMPUTING TECHNIQUE IN OPTIMAL CONTROL THEORY AND THE MAXIMUM PRINCIPLE | AFOSR68-0919 |
| OPTIMIZATION OF THE CRITICAL INSTRUMENTAL L.R. FOR ACHIEVING MAXIMUM SENSITIVITY AND PRECISION IN | AFOSR68-0354 |
| IMPEDANCE-LOADED RECEIVING ANTENNAS WITH MAXIMUM $\text{d}^2\sigma/\text{d}\Omega^2$ SCATTERING AND MAXIMUM RECEIVED POWER | AFCL68-0563 |
| ON THE CLASSIFICATION OF SINGULAR AND NONSINGULAR EXTREMALS FOR THE PONTRYAGIN MAXIMUM PRINCIPLE | AFOSR67-1257 |
| MAXIMUM-GAIN | |
| ANALYSIS AND DESIGN OF MAXIMUM-GAIN LOW-CURRENT JUNCTION FIELD EFFECT TRANSISTOR CONFIGURATIONS | AFCL67-0184 |
| MAXIMUM-LIKELIHOOD | |
| MAXIMUM-LIKELIHOOD ESTIMATION OF THE PARAMETERS OF A FOUR-PARAMETER GENERALIZED GAMMA POPULATION FROM COMPLETE AND | ARL 67-0089 |
| MAXIMUM-LIKELIHOOD ESTIMATION, FROM CENSORED SAMPLES, OF THE PARAMETERS OF A LOGISTIC DISTRIBUTION | ARL 67-0184 |
| MAXIMUM-LIKELIHOOD ESTIMATION, FROM DUBLY CENSORED SAMPLES, OF THE PARAMETERS OF THE FIRST ASYMPTOTIC DISTRIBUTION | ARL 68-0277 |
| CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATORS, FROM SINGLY CENSORED SAMPLES, OF THE SCALE PARAMETERS OF TYPE II | ARL 68-0085 |

| | |
|---|--------------|
| MAXIMUM-LIKELIHOOD - CONTINUED | |
| ASYMPTOTIC VARIANCES AND COVARIANCES OF MAXIMUM-LIKELIHOOD ESTIMATORS FROM CENSORED SAMPLES OF THE PARAMETERS OF | ARL 87-0130 |
| MAXIMUM-MINIMUM | |
| AN INVARIANT FORMULATION OF THE NEW MAXIMUM-MINIMUM THEORY OF EIGENVALUES | AFOSR67-0330 |
| MAXIMUM-SIGNAL | |
| A MAXIMUM-SIGNAL THEOREM FOR THE SPATIALLY COHERENT DETECTION OF SCATTERED RADIATION | AFOSR67-1040 |
| MAXWELL | |
| A GROUP THEORETICAL DERIVATION OF MAXWELL EQUATIONS | AFOSR68-1074 |
| MAXWELLS | |
| MAXWELL'S EQUATIONS AND DETERMINATE SYSTEMS | AFOSR67-1798 |
| ITERATIVE SOLUTIONS OF MAXWELL'S EQUATIONS | AFCHL68-0495 |
| MEAN | |
| MEAN MONTHLY ATMOSPHERES FOR 1958 | AFCHL67-0120 |
| MEAN APPROXIMATION ON AN INTERVAL FOR AN EXPONENT LESS THAN ONE | AFOSR68-0374 |
| ON A MEAN VALUE THEOREM FOR VECTOR-VALUED FUNCTIONS WITH APPLICATIONS TO UNIQUENESS THEOREMS FOR RIGHT-HAND- | AFOSR67-0775 |
| HYPERBOLIC MEAN AUTOMORPHIC FUNCTIONS | AFOSR68-0789 |
| THE CONCEPT OF A MEAN TEMPERATURE IN THE PLASMA REACTION ZONE | AFOSR68-0131 |
| DETERMINATION OF THE MEAN VALUES OF CONDUCTIVITY AND DIELECTRIC CONSTANT FROM THE FIELD STRUCTURE OF A MAGNETIC DIPOLE | AFCHL67-0494 |
| CONFIDENCE INTERVALS FOR THE MEAN OF A FINITE POPULATION | AFOSR67-2346 |
| SIMULTANEOUS LINEAR ESTIMATION OF THE MEAN AND STANDARD DEVIATION OF THE NORMAL AND LOGISTIC DISTRIBUTION BY THE USE | ARL 87-1002 |
| CLIMATIC NORMALS AS PREDICTORS PART 3 MEDIAN VS MEAN | AFCHL68-0255 |
| THEORY AND TABLES FOR TESTS OF HYPOTHESES CONCERNING THE MEAN AND THE VARIANCE OF A WEIBULL POPULATION FINAL REPORT | ARL 67-0059 |
| APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE II | AFOSR68-0377 |
| APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE III | AFOSR68-0378 |
| APPROXIMATION BY ROUNDED ANALYTIC FUNCTIONS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE | AFOSR68-2200 |
| COSMIC-RAY NEUTRON MONITOR YIELD FUNCTIONS GROSS TRANSFORMATION AND NUCLEONIC COMPONENT MEAN FREE PATHS | AFOSR68-0716 |
| MEAN-FIELD | |
| MEAN-FIELD KINETIC EQUATIONS FOR A LASER | AFCHL68-0400 |
| MEAN-SQUARE | |
| MEAN-SQUARE APPROXIMATION BY GENERALIZED RATIONAL FUNCTIONS | AFOSR67-0784 |
| MEANING | |
| THE MEANING OF COLLISION BROADENING OF SPECTRAL LINES I THE CLASSICAL-OSCILLATOR ANALOG | AFCHL68-0489 |
| MEANINGFULNESS | |
| ON THE SIGNIFICANT LAW RELATING ASSOCIATION VALUE /ALPHA/ AND SCALED MEANINGFULNESS /N PRIME/ | AFOSR68-0824 |
| MEANS | |
| RATIOS OF MEANS AND APPLICATIONS | ARL 67-0228 |
| DIFFERENCES OF MEANS | ARL 67-0145 |
| INEQUALITIES BETWEEN MEANS | ARL 68-1245 |
| INEQUALITIES BETWEEN MEANS | ARL 68-1246 |
| INEQUALITIES BETWEEN MEANS | ARL 68-1271 |
| BOUNDS ON DIFFERENCES OF MEANS | ARL 67-0230 |
| STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS | ARL 68-1077 |
| NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1966 | AFOSR67-0610 |
| AN INEQUALITY FOR GENERALIZED MEANS | AFOSR68-0159 |
| NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1967 | AFOSR68-0520 |
| ABSOLUTE GRAVITY MEASUREMENT BY MEANS OF REVERSIBLE PENOLUM APPARATUS FINAL REPORT SEPT 1967 | AFCHL67-0597 |
| PRODUCTION OF UNIFORM DROPLETS BY MEANS OF AN ION DRAG PUMP | AFOSR68-2542 |
| FURTHER STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS FINAL REPORT JULY 1968 | ARL 68-0115 |
| BOUNDS FOR RATIOS AND DIFFERENCE OF MEANS | ARL 68-1260 |
| INVESTIGATION OF CRYSTAL IMPERFECTIONS BY MEANS OF LASER LIGHT SCATTERING | AFCHL67-0648 |
| F AND H TRAPS IN ALKALI HALIDES STUDIED BY MEANS OF PHOTOSTIMULATED THERMOLUMINESCENCE | AFOSR67-1342 |
| NUCLEAR STABILITY AND NUCLEAR ENERGIES BY MEANS OF ATOMIC MASS MEASUREMENT FINAL REPORT JULY 1967 | AFOSR67-1715 |
| THE ANALYSIS OF NOISY NON-LINEAR DEVICES BY MEANS OF GENERALIZED RANDOM PROCESSES FINAL REPORT MARCH 1967 | ARL 67-0048 |
| VACUUM ULTRAVIOLET RADIATION AS AN IMPORTANT MEANS OF ENERGY TRANSPORT IN A PLASMA | ARL 68-1184 |
| ON THE REPRESENTATION OF LIMITED INFORMATION BY MEANS OF PICTURES TREES AND ENGLISH-LIKE SENTENCES | AFOSR68-1343 |
| THE COMPARISON OF MULTIVARIATE TESTS OF HYPOTHESIS BY MEANS OF BANARJEE EFFICIENCY | AFOSR67-1624 |
| CONSECUTIVE ION-MOLECULE REACTIONS IN METHANE INVESTIGATED BY MEANS OF POSITIVE ION-IMPACT | AFCHL67-0059 |
| DERIVATIONS OF HIERARCHIES FOR N-PARTICLE SYSTEMS AND VLASOV SYSTEMS BY MEANS OF THE FUNCTIONAL CALCULUS | AFOSR67-1506 |
| CALIBRATION AND DIFFERENTIAL FIELD MEASUREMENT OF HIGH MAGNETIC FIELDS BY MEANS OF A PERIODIC SIZE EFFECT IN CALCIUM | AFOSR67-2157 |
| MEASUREMENT OF THE CONDUCTIVITY AND DIELECTRIC CONSTANT OF A HOMOGENEOUS MEDIUM BY MEANS OF WAVE PROPAGATION | AFCHL68-0440 |
| MEASURE | |
| MEASURE SELECTION AND PATTERN RECOGNITION IN THE EEG | AFOSR68-0154 |
| MEASURE EXTRACTION AND PATTERN RECOGNITION IN THE EEG | AFOSR68-1777 |
| DISCUSSION ON A CHAMBER TO MEASURE ION NUMBER DENSITIES UNDER LOW PRESSURE AND SUPERSONIC SPEED | AFCHL68-0190 |
| AIRCHARY INSTRUMENTATION TO MEASURE CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR RADIATION, FRAREG | AFCHL67-0042 |
| ON MEASURES EQUIVALENT TO WIENER MEASURE II | AFOSR67-1046 |
| ON GAUSSIAN MEASURES EQUIVALENT TO WIENER MEASURE | AFOSR67-1194 |
| THE ON SCALE A COMPARATIVE SOCIO-PSYCHOLOGICAL MEASURE OF INDIVIDUAL MODERNITY | AFOSR67-2205 |
| A FEASIBILITY AND DESIGN STUDY FOR AN AIRBORNE RADIMETRIC SYSTEM TO MEASURE REMOTELY THE VERTICAL PROFILE OF | AFCHL68-0107 |
| MEASURED | |
| MEASURED RELATIVE ENTHALPY OF ANHYDROUS CRYSTALLINE ALUMINUM TRIFLUORIDE FROM 273 TO 1173 DEGREES K AND DERIVED | AFOSR67-2014 |
| LOW-ENERGY AURORAL ELECTRONS MEASURED BY SATELLITE OV3-1 | AFCHL68-0399 |
| 2-D RADAR SIGNATURE ANALYSIS BASED ON MEASURED DIFFERENTIAL PHASE SHIFTS OF TARGET SCATTERING AT TWO HARMONIC | AFCHL67-0476 |
| A SIMPLIFIED PROCEDURE FOR CORRECTING A MEASURED ANGULAR DISTRIBUTION OF PARTICLES FOR DISTORTION BY A SCATTERING | AFOSR68-0552 |
| COMPARISON OF NUMERICAL CALCULATIONS AND MEASURED SPACE-TIME RESOLVED PLASMA PROPERTIES OF A DYNAMICAL THETA PINCH | AFOSR67-0819 |
| AZIMUTH AND SLOWNESS ANOMALIES OF SEISMIC WAVES MEASURED ON THE CENTRAL CALIFORNIA SEISMOGRAPHIC ARRAY PART II | AFOSR67-0588 |
| EFFECT OF IMPRISONMENT OF RADIATION IN SODIUM VAPOR ON THE MEASURED LIFETIME OF THE 3 SUPER 2P STATES | AFOSR67-1129 |
| DETERMINING THE DEGREE OF AMBIGUITY IN FROST POINT TEMPERATURES AS MEASURED BY AN OPTICAL DEW POINT SENSOR | AFCHL67-0147 |
| MEASUREMENT | |
| MEASUREMENT OF RE IONIZATION RATES IN HIGH-TEMPERATURE AIR | AFCHL67-0208 |
| MEASUREMENT OF Q VALUES FROM THE PREE OSCILLATIONS OF THE EARTH | AFCHL68-0161 |

MEASUREMENT OF SNOWFALL BY RADAR
 MEASUREMENT OF THE CONDUCTIVITY AND DIELECTRIC CONSTANT OF A HOMOGENEOUS MEDIUM BY MEANS OF WAVE PROPAGATION
 MEASUREMENT OF ION-ION NEUTRALIZATION CROSS SECTIONS FINAL REPORT JULY 1968
 MEASUREMENT OF THE MICROSEISMIC SPECTRUM AT OTTAWA ONTARIO
 MEASUREMENT OF ROTATIONAL-VELOCITY AND ION-DENSITY PROFILES IN PLASMA VORTICES
 MEASUREMENT OF THE DAMPING CONSTANT /THE A-PARAMETER/ OF SEVERAL ELEMENTS IN SEVERAL HYDROGEN AND ACETYLENE-OXYGEN
 MEASUREMENT OF THE FREE ATOM FRACTION OF 2P ELEMENTS IN AN ACETYLENE-AIR PLASMA
 MEASUREMENT OF THE QUANTUM-ELECTRODYNAMIC LEVEL SHIFT IN THE /THIRD EXCITED STATE OF SIMPLY IONIZED HELIUM/
 MEASUREMENT OF DIFFUSION LENGTHS IN DIRECT-GAP SEMICONDUCTORS BY ELECTRON-BEAM EXCITATION
 MEASUREMENT OF PARALLEL /SOLAR/ SLITS WITH A MODIFIED WEISSBERG SONOMETER
 MEASUREMENT OF RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS BY THE ELECTRIC FIELD EFFECT ON CRITICAL OPALESCENCE
 MEASUREMENT OF THE L-H-0 TOTAL CROSS SECTION AT VERY LOW ENERGIES
 MEASUREMENT OF PRIMARY AND ALBEDO COSMIC RAYS ON A POLAR ORBITING SATELLITE
 MEASUREMENT OF PERMANENT GASES BY A PLANE EMISSION GAS CHROMATOGRAPHIC DETECTOR
 MEASUREMENT OF G VALUES IN THE ELECTRON SPIN RESONANCE SPECTRA OF FREE RADICALS
 MEASUREMENT OF FLOW RATE AND PRESSURE OF GASES IN PLASMA SPECTROMETRY
 MEASUREMENT OF TENSILE STRENGTH OF CERAMICS
 MEASUREMENT OF THE REFRACTIVE INDEX IN AN ARGON PLASMA AT 6328 DEGREES A AND 1.15U. FINAL REPORT DEC 1967
 MEASUREMENT OF THE EPR PARAMETERS OF CD66 IN CUBIC CADMIUM SULFIDE
 MEASUREMENT OF POLARIZED LIGHT FROM SPACE OBJECTS
 MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING ORDINARY EPR SPECTROMETERS
 MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS OF THE CYANOGEN-OXYGEN-BORON TRICHLORIDE PLASMA SYSTEM
 MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS OF THE CYANOGEN-OXYGEN-BORON TRICHLORIDE PLASMA SYSTEM
 THE MEASUREMENT OF SUPRATHRESHOLD PAIN
 THE MEASUREMENT OF ELECTRON AFFINITIES BY THE GASEOUS ELECTRON CAPTURE TECHNIQUE
 THE MEASUREMENT OF PLASMA TRANSPORT PROPERTIES
 WIND MEASUREMENT BY DUAL-BEAM RADAR A THEORETICAL AND EXPERIMENTAL EVALUATION
 LOSS MEASUREMENT OF ORGANIC MATERIALS AT 6328 ANGSTROMS
 SHAPE MEASUREMENT OF SMALL OPTICAL TARGETS FINAL REPORT APR 1967
 DIRECT MEASUREMENT OF THE DEPLETION LAYER WIDTH VARIATION VS APPLIED BIAS FOR A P-N JUNCTION
 DIRECT MEASUREMENT OF FIRST COLLISION EFFECTS IN RAREFIED HIGH SPEED FLOWS
 ON THE MEASUREMENT OF SMALL DEVIATIONS FROM THE OHMIC LAW PART B FINAL REPORT MAY 1967
 OPTICAL MEASUREMENT OF RADIAL DENSITY DISTRIBUTIONS IN A HIGH-SPEED CONFINED AIR VORTEX. FINAL REPORT DEC 1967
 A ROCKET MEASUREMENT OF LOW ENERGY PROTONS
 ABSOLUTE MEASUREMENT OF INELASTIC COLLISION CROSS SECTIONS FOR VIBRONIC EXCITED STATES
 POSSIBLE MEASUREMENT OF THE NUCLEON AXIAL-VECTOR FORM FACTOR IN TWO-ION ELECTROPRODUCTION EXPERIMENTS
 ACCURATE MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING CV SPECTROMETERS
 PRECISION MEASUREMENT OF DIPOLE MOMENTS AND OTHER SPECTRAL CONSTANTS OF NORMAL AND DEUTERATED METHYL FLUORIDE AND
 RESEARCH IN MEASUREMENT OF RATIOS OF POLARIZATION TO ABSORPTION FOR STARS ALONG THE MILKY WAY FINAL REPORT SEPT 1968
 WIND-TUNNEL MEASUREMENT AT M EQUALS 4.25 OF SOME STATIC AND DYNAMIC AERO-DYNAMIC CHARACTERISTICS OF PINNED MISSILES
 FAR-INFRARED MEASUREMENT OF LONG-RANGE ORDERED IN A DIPLACIVE PHASE TRANSITION
 EXPERIMENTAL MEASUREMENT OF THE EMISSION AND ABSORPTION OF RADIATION BY AN ARGON PLASMA
 PLASMA DENSITY MEASUREMENT BY MOLECULAR ION BREAKUP
 CRITICAL-FIELD MEASUREMENT OF SUPERCONDUCTING TUNGSTEN AS RELATED TO THE CERIUM-MAGNESIUM-NITRATE TEMPERATURE SCALE
 ABSOLUTE GRAVITY MEASUREMENT BY MEANS OF REVERSIBLE PENDULUM APPARATUS FINAL REPORT SEPT 1967
 SPECIAL MAGNETIC MEASUREMENT TECHNIQUES
 A COUNTER FOR THE MEASUREMENT OF THE ATMOSPHERIC AND EARTH LEAKAGE FLUX OF SECONDARY COSMIC RAY NEUTRONS
 CHROMOCOLIMETRIC MEASUREMENT OF INDIUM/III/ ADSORPTION FROM THIOCYANATE MEDIUM
 TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
 TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
 WFAK MAGNETIC FIELD MEASUREMENT USING PERMALLOY-FILM UNF RESONANCE
 DYNAMIC TEMPERATURE MEASUREMENT DURING AXIAL IMPACT OF ANNEALED ALUMINUM TUBES
 AN APPARATUS FOR THE MEASUREMENT OF INTERNAL FRICTION
 ROTATIONAL TEMPERATURE MEASUREMENT OF THE FLOW EXPANDING FROM A LOW DENSITY SONIC ORIFICE
 RESEARCH DIRECTED TOWARD MEASUREMENT OF THE ENERGETIC CHARGED PARTICLE ENVIRONMENT IN NEAR-EARTH SPACE FINAL REPORT
 ULTRA PRECISION BASE LINE MEASUREMENT PROGRAM FINAL REPORT FEB 1967
 A ROCKET BORNE AIR DENSITY MEASUREMENT SYSTEM UTILIZING ELECTRON-BREMSSTRAHLUNG-CALIBRATION AND FLIGHT
 A ROCKET INSTRUMENT FOR THE MEASUREMENT OF DAY AIRGLOW
 STUDIES OF ATTITUDE AND ATTITUDE MEASUREMENT FINAL REPORT MARCH 1968
 CALIBRATION AND DIFFERENTIAL FIELD MEASUREMENT OF HIGH MAGNETIC FIELDS BY MEANS OF A PERIODIC SIZE EFFECT IN GALLIUM
 POSITIVE ION SENSING SYSTEM FOR THE MEASUREMENT OF SPACECRAFT PITCH AND YAW AIR FORCE D-10 EXPERIMENT FLOWN ON GEMINI
 ROCKET AND SATELLITE TECHNIQUES FOR MEASUREMENT OF ELECTRON DENSITY AND RELATED IONOSPHERIC PARAMETERS FINAL REPORT
 GAS HESEN HOCHTIEF TEMPERATURE THE MEASUREMENT OF EXTREMELY HIGH TEMPERATURES
 A LARGE DYNAMIC RANGE MICROWAVE POWER MEASUREMENT SYSTEM EMPLOYING FEEDBACK
 MINIATURE PROBES FOR THE INSTANTANEOUS MEASUREMENT OF ENTHALPY IN ARC JETS FINAL REPORT SEP 1967
 THE ELECTRICAL CONDUCTIVITY OF CERAMICS ITS MEASUREMENT AND INTERPRETATION
 DEVELOPMENT OF INSTRUMENTATION WHICH WILL ALLOW MEASUREMENT OF THE INFRARED REFRACTIVE INDEX OF OZONE FINAL REPORT APR
 IONIZED MERCURY GAS IN THE HEATED SHOCK TUBE THE MEASUREMENT OF RELAXATION TIMES AND ABSOLUTE INTENSITIES FINAL REPORT
 STUDY OF ATMOSPHERIC CONSTITUENTS AND STRUCTURE BY MEASUREMENT OF TRANSMISSION AND ABSORPTION OF MILLIMETER WAVES OF
 EXPERIMENTS ON THE 2 SUPERScript 3P STATE OF HELIUM I A MEASUREMENT OF THE 2 SUPERScript 3P SUBSCRIPT 1-2 SUPERScript
 FURTHER APPLICATIONS OF THE CHEMILUMINESCENT METHOD FOR THE MEASUREMENT OF ATMOSPHERIC OZONE FINAL REPORT JAN 1967
 DIMENSIONS OF VERBAL RACIAL ATTITUDES THEIR IDENTIFICATION AND MEASUREMENT
 NUCLEAR STABILITY AND NUCLEAR ENERGETICS BY MEANS OF ATOMIC MASS MEASUREMENT FINAL REPORT JULY 1967
 ANALYTICAL EXPRESSIONS OF SPACE-TIME CORRELATIONS Celerities Facilities and Methods of Measurement for Temperature
 DISPERSION EFFECTS IN A HIGH GAIN 3.30U HE-NE LASER APPLICATION TO THE LASER HETERODYNE MEASUREMENT OF PLASMA DENSITY
 DETERMINATION OF PATH RADIANCE FOR DOWNWARD PATH OF SIGHT FROM GROUND-BASED OR LOW-ALTITUDE MEASUREMENT

MEASUREMENTS

MEASUREMENTS OF TIDAL OSCILLATIONS ABOVE 120 KILOMETERS
 MEASUREMENTS OF CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED ENERGY FINAL REPORT
 MEASUREMENTS OF TURBULENCE AND DIFFUSION IN HIGH-ALTITUDE CHEMICAL CLOUDS FINAL REPORT JULY 1968
 MEASUREMENTS OF G J RATIOS FOR R665 R667 HYDROGEN AND DEUTERIUM AND OF THE HYPERFINE SEPARATION OF DEUTERIUM
 MEASUREMENTS OF PLASMA ROTATION IN A MOLLOW CATHODE DISCHARGE
 THE MEASUREMENTS OF THE SOLAR CONSTANT FROM HIGH ALTITUDE BALLOONS
 WAKE MEASUREMENTS AROUND A CONE SUSPENDED MAGNETICALLY IN A MACH NUMBER 4.3 STREAM
 PITOT MEASUREMENTS ON AN X-15 ROCKET PLANE FINAL REPORT AUG 1968
 RADAR MEASUREMENTS AT 70CM OF VENUS AND MERCURY
 ARRAY MEASUREMENTS OF P VELOCITIES IN THE UPPER MANTLE
 ROCKET MEASUREMENTS OF LOW-ENERGY AURORAL ELECTRON ENERGY SPECTRA FINAL REPORT OCT 1967
 AEROSOL MEASUREMENTS IN THE TROPOSPHERE AND STRATOSPHERE
 CURRENT MEASUREMENTS IN HIGH-VOLTAGE RADIO FREQUENCY PLASMA DISCHARGES
 SURFACE MEASUREMENTS ON SHARP FLAT PLATES AND WEDGES IN LOW-DENSITY HYPERSONIC FLOW
 DENSITY MEASUREMENTS WITH ELECTRON BEAMS
 AIRBORNE MEASUREMENTS OF THE IONOSPHERE FINAL REPORT JAN 1968
 ABSOLUTE MEASUREMENTS OF THE 2 SUPER 1 P AND 2 SUPER 3 P ELECTRON EXCITATION CROSS SECTIONS OF HELIUM ATOMS
 RADIATION MEASUREMENTS FROM A PULSED HIGH-PRESSURE NITROGEN ARC FINAL REPORT AUGUST 1968
 SOLAR BEAM MEASUREMENTS STUDY FINAL REPORT FEB 1967
 ELECTRICAL MEASUREMENTS AND NUCLEAR ACTIVATION TECHNIQUES FOR RADIATION DAMAGE STUDIES AND IMPURITY ANALYSIS IN
 TURBULENCE MEASUREMENTS RELEVANT TO JET NOISE
 DIFFUSION MEASUREMENTS INVOLVING DISCONTINUOUS INTERFACIAL CONTACT
 N-SUBSHELL MEASUREMENTS ON PURE E2 TRANSITIONS IN EVEN-EVEN NUCLEI
 N-SUBSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS
 SHOCK-TUNE MEASUREMENTS OF END-WALL RADIATIVE HEAT TRANSFER IN AIR
 N-SUBSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS
 N-SUBSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS

APCRL68-0184
 APCRL68-0440
 APCRL68-0442
 AFOSR67-0943
 AFOSR67-1036
 AFOSR67-1638
 AFOSR67-1222
 AFOSR67-1301
 AFOSR67-1755
 AFOSR67-2179
 AFOSR67-2258
 AFOSR67-2526
 AFOSR67-2810
 AFOSR68-0385
 AFOSR68-0405
 AFOSR68-1497
 ARL 67-0216
 ARL 67-1265
 ARL 67-1326
 ARL 68-0832
 ARL 68-0327
 ARL 68-1082
 AFOSR67-1197
 AFOSR68-1263
 ARL 68-1130
 APCRL67-0535
 AFOSR68-0582
 APCRL67-0285
 AFOSR67-0344
 AFOSR67-2059
 AFOSR67-2785
 ARL 67-0234
 APCRL67-0461
 AFOSR68-0045
 AFOSR68-2263
 ARL 68-1460
 AFOSR67-0305
 APCRL68-0484
 ARL 68-0286
 AFOSR67-1931
 ARL 67-0157
 AFOSR67-1024
 AFOSR68-1874
 APCRL67-0597
 AFOSR67-1460
 APCRL67-0493
 AFOSR68-0729
 ARL 68-1195
 ARL 68-1378
 AFOSR68-0078
 AFOSR68-0626
 ARL 68-0237
 AFOSR67-0335
 APCRL67-0231
 APCRL67-0162
 APCRL67-0613
 APCRL67-0257
 AFOSR68-0255
 AFOSR67-2167
 APCRL67-0158
 APCRL68-0010
 ARL 68-0328
 APCRL67-0586
 ARL 67-0181
 ARL 67-0010
 APCRL68-0207
 AFOSR68-1930
 APCRL67-0548
 AFOSR68-1844
 APCRL67-0029
 AFOSR68-0480
 AFOSR67-1715
 AFOSR67-0892
 ARL 68-0135
 APCRL68-0394

COMPLAYMENT MEASUREMENTS OF LAMP BEAM FLUCTUATIONS NEAR THRESHOLD
 COINCIDENCE MEASUREMENTS IN Hg_2 - Hg COLLISIONS
 ACCURATE MEASUREMENTS OF OPTICAL SECOND-HARMONIC GENERATION IN AMMONIUM DIHYDROGEN PHOSPHATE AND CALCITE
 COINCIDENCE MEASUREMENTS OF ATOMIC COLLISIONS FINAL REPORT JUNE 1968
 TEMPERATURE MEASUREMENTS FROM A HIGH POWER ARGON ARC
 PITOT-PROBE MEASUREMENTS OF 0.000 512 MPa
 TEMPERATURE MEASUREMENTS IN AN ARGON PLASMA
 LOW PRESSURE MEASUREMENTS IN HYPERSONIC WIND TUNNELS
 LOW PRESSURE MEASUREMENTS IN A HYPERSONIC WIND TUNNEL
 PHOTO-OPTICAL MEASUREMENTS ON HIGH-ALTITUDE RARIUM LDFPSP3 FINAL REPORT JUNE 1968
 MAGNETIZATION MEASUREMENTS AND PRESSURE DEPENDENCE OF THE CURIE POINT OF THE PHASE TRI SCANDIUM - INDIMINIDE
 SPECTROSCOPIC MEASUREMENTS IN FLUCTUATING ARCS
 LOW HEAT FLUX MEASUREMENTS IN HYPERSONIC WIND TUNNELS
 HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS
 HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS FINAL REPORT JAN 1968
 SKIN-FRICTION MEASUREMENTS IN STRONG INTERACTION
 HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS
 GEMINI 7 LINEAR MEASUREMENTS
 PLASMA DENSITY MEASUREMENTS WITH ENERGETIC BEAMS FINAL REPORT JAN 1967
 SPECTROGRAPHIC MEASUREMENTS ON AN ARC DISCHARGE
 TIME OF FLIGHT MEASUREMENTS IN AN ARGON BEAM DEFLECTED BY A HEATED PLATINUM TARGET
 SPECTROGRAPHIC MEASUREMENTS OF ELECTRIC SHOCK TUBE FLOW
 SPECTROGRAPHIC MEASUREMENTS OF A PULSED ARC
 PHYSICOCHEMICAL MEASUREMENTS OF METAL CHELATES BY GAS-LIQUID PARTITION CHROMATOGRAPHY
 NMR RELAXATION MEASUREMENTS USING WAVEFORM BURSTS APPLICATION TO COO
 SOME EFFICIENCY MEASUREMENTS OF THE THETA-PINCH
 MAGNETIC MOMENT MEASUREMENTS IN SINGLE-CRYSTAL DYSPROSIUM MOLYBDENUM EUROPIUM AND GADOLINIUM IN DC FIELDS UP TO 170 KG
 SOME LOCAL-MODE MEASUREMENTS OF LI-DIFFUSED TE-DOPED GaAs
 DENSITY PROFILE MEASUREMENTS FINAL REPORT SEPT 1967
 OPTICAL DENSITY MEASUREMENTS IN A HIGH SPEED CONFINED GASEOUS VORTEX
 MAGNETIC TORSION MEASUREMENTS ON HEXAGONAL PEGE
 DIGITAL FREQUENCY MEASUREMENTS
 HEAT TRANSFER RATE MEASUREMENTS IN A LOW DENSITY HYPERVELOC STREAM OF ARGON
 GEMINI VII SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH - CLOUD BACKGROUNDS /U/
 SURFACE TEMPERATURE MEASUREMENTS ON SOLID PROPELLANTS DURING IGNITION
 ANGULAR CORRELATION MEASUREMENTS FOR NICKEL 58 - PROTON GAMMA
 ELECTROSTATIC PROBE MEASUREMENTS IN FLOWING SODIUM POTASSIUM-SEEDED ARGON
 LINEAR POLARIZATION MEASUREMENTS
 JSSG-SPACED RECEIVER MEASUREMENTS FINAL REPORT APR 1968
 SUMMARY OF PUBLISHED MEASUREMENTS FROM THE ATOMIC BEAM GROUP AT THE UNIVERSITY OF CALIFORNIA FROM APRIL 1962 TO MAY
 SIMULTANEOUS BALLOON MEASUREMENTS OF AURORAL X-RAYS DURING SLOWLY VARYING IONOSPHERIC ABSORPTION EVENTS
 SHOCK WAVE PRECURSOR MEASUREMENTS PART I ONE-DIMENSIONAL THEORY OF ELECTROSTATIC PROBES IN UNSTEADY CONDITIONS WITH
 SHOCK WAVE PRECURSOR MEASUREMENTS PART II EXPERIMENTAL APPARATUS AND AIR TEST RESULTS
 THERMAL CONDUCTIVITY MEASUREMENTS BELOW 4.2 DEGREES K
 MAGNETIC AND OPTICAL MEASUREMENTS ON IRON GROUP IMPURITIES IN IIR-VIA COMPOUNDS AT CRYOGENIC TEMPERATURE
 THERMAL CONDUCTIVITY MEASUREMENTS ON NYLON RODS AND NYLON- GREASE-COPPER BOUNDARIES
 TOTAL ELECTRON CONTENT MEASUREMENTS AT HIGH LATITUDES FINAL REPORT JAN 1967
 PLASMA DENSITY CONTINUUM MEASUREMENTS USING MOLECULAR ION BEAM BREAKUP
 A SURVEY OF METHODS FOR MEASUREMENTS OF RADIATION FIELDS FROM THE AFCL LINEAR ACCELERATOR
 GEMINI V DAY OF SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH-CLOUD BACKGROUNDS
 FAR-INFRARED LASER POWER MEASUREMENTS
 PHOTOCALORIMETRIC MEASUREMENTS WITH TIME-TO- AMPLITUDE CONVERTERS
 TRANSMISSION LINE PARAMETER MEASUREMENTS - STANDING WAVE IMPEDANCE PROBE
 THE EFFECT OF HAZE UPON UNKNOWN MEASUREMENTS
 INSTRUMENTATION FOR AIR DENSITY MEASUREMENTS FINAL REPORT SEPT 1967
 HYPERSONIC WIND TUNNEL PRESSURE MEASUREMENTS
 NUCLEAR SPIN-LATTICE RELAXATION MEASUREMENTS BY TONE-BURST MODULATION
 APPARATUS FOR THERMOLUMINESCENCE MEASUREMENTS
 APPARATUS FOR THERMOLUMINESCENCE MEASUREMENTS
 ROCKET INSTRUMENTATION FOR AURORAL MEASUREMENTS - BLACK BRANT AC 17.604
 ROCKET INSTRUMENTATION FOR AURORAL MEASUREMENTS - AEROBEF 3.615
 APPARATUS FOR GUARDED POLARIZATION MEASUREMENTS
 FIRST-AND SECOND-ORDER TONE INTENSITY MEASUREMENTS FOR CO AND NO
 OPTIMUM SMOOTHING OF AERIAL GRAVITY MEASUREMENTS
 DE HAAS - VAN ALPHEN SUSCEPTIBILITY MEASUREMENTS ON P-TYPE ANTIMONY TRI-TELLURIDE
 DIFFERENTIATION OF CROSS SECTIONS FROM MEASUREMENTS ON CYLINDRICAL CASCADE ARCS
 CHLORINE AND DEUTERIUM RELAXATION TIME MEASUREMENTS IN LIQUID HCl AND DCI
 COHERENCE THEORY OF RADIO-ASTRONOMICAL MEASUREMENTS
 ROCKET INSTRUMENTATION FOR SOLAR ECLIPSE MEASUREMENTS 12 NOVEMBER 1968
 SUPERCONDUCTING H SUB C - J SUB C AND TC MEASUREMENTS IN THE NIOBIUM-TITANIUM-NITROGEN NIOBIUM-MAFNIUM-NITROGEN AND
 DENSITY CONTOURS AND DENSITY FLUCTUATION MEASUREMENTS OF AN ENERGETIC HELIUM ARC
 MOLECULAR VELOCITY DISTRIBUTION-FUNCTION MEASUREMENTS IN A FLOWING GAS
 FINAL RESULTS OF CAMBRIDGE AND CGI PENDULUM MEASUREMENTS
 QUANTUM LIMITATIONS TO ELECTROMAGNETIC SIGNAL MEASUREMENTS FINAL REPORT DEC 1966
 A D-C PULSED BRIDGE FOR DIFFERENTIAL CAPACITY MEASUREMENTS
 GAIN COMPENSATED PHOTOPOLARIZER FOR AIRBORNE MEASUREMENTS OF SKYLIGHT POLARIZATION
 MONTF CARLO ANALYSIS OF SEARCHLIGHT SCATTERING MEASUREMENTS
 COARTICULATION IN VCV UTTERANCES SPECTROGRAPHIC MEASUREMENTS
 DEVELOPMENT OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASUREMENTS RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT
 SPACE-TIME RESOLVED MACH-ZEHNDER INTERFEROMETER MEASUREMENTS OF CROSSSECTIONAL ELECTRON DISTRIBUTION IN THETA-PINCH
 INSTRUMENTATION AND TECHNIQUES FOR UPPER ATMOSPHERE MEASUREMENTS FINAL REPORT JUNE 1967
 USE OF THE AM/PS-77 FOR QUANTITATIVE WEATHER RADAR MEASUREMENTS
 A TECHNIQUE OF OPTIMIZING DECISION-DIRECTED CHANNEL MEASUREMENTS FOR COHERENT DETECTION
 DISCRIMINATING AMONG STATES OF CONSCIOUSNESS BY EEG MEASUREMENTS A STUDY OF FOUR SUBJECTS
 BAND PARAMETERS DETERMINATION FROM FARADAY ROTATION MEASUREMENTS
 ROLE OF GRAIN BOUNDARIES IN ELECTRICAL POLARIZATION MEASUREMENTS
 MATERIAL FUNCTIONS OF ARC PLASMAS FROM CHARACTERISTIC MEASUREMENTS
 AN INTEGRATED WEATHER RADAR SYSTEM FOR WIND AND DENSITY MEASUREMENTS IN THE UPPER ATMOSPHERE FINAL REPORT MAY 1967
 RELAXATION OSCILLATIONS IN N-TYPE INSB AND RESPONSIVITY MEASUREMENTS IN THE FAR INFRARED
 PVT RELATIONS IN SOLID 4He - 3He / 4He - 4He MEASUREMENTS WITH SUPERFLUID HELIUM FINAL REPORT JUNE 1967
 INITIAL RESULTS OF SIMULTANEOUS RADAR-OPTICAL SIGNATURE MEASUREMENTS
 RECENT RESEARCH AT HIS INSTITUTE DEALING WITH ELECTRICAL MEASUREMENTS AND CONTACT PROPERTIES OF II-VI COMPOUNDS
 SEPARATION OF DIRECT AND COMPOUND EFFECTS BY POLARIZATION MEASUREMENTS
 CALIBRATION OF THIN FILM RESISTANCE THERMISTERS FOR HEAT FLUX MEASUREMENTS IN THE SHOCK TUBE
 STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING WIRES FINAL
 A PROGRAM TO DETERMINE FUNDAMENTAL NUCLEAR DATA FROM MUON INTENSITY MEASUREMENTS AND TO INVESTIGATE GEOPHYSICAL
 COMPUTER PROGRAMS FOR THE ANALYSIS OF GAMMA-RAY ANGULAR CORRELATION MEASUREMENTS FINAL REPORT AUG 1967
 TRANSFORMATIONS AND AVERAGING PROCESSES FOR DIFFERENTIAL CROSS-SECTION MEASUREMENTS AT THERMAL ENERGIES
 STUDY OF THE EFFECTS OF ATMOSPHERIC PARAMETERS ON INFRARED TRANSMISSION MEASUREMENTS AND THE EFFECTS ON NON-THERMAL OR
 A COLLECTION OF SOME CONTROLLED SURFACE THERMAL ACCOMMODATION COEFFICIENT MEASUREMENTS
 HIGH INTENSITY NOZZLE BEAM SOURCE FOR USE IN MOLECULAR TOTAL CROSS SECTION MEASUREMENTS
 THE RATE OF CONVERGENCE OF AN ALGORITHM FOR RECOVERING FUNCTIONS FROM NOISY MEASUREMENTS TAKEN AT RANDOMLY SELECTED
 A GENERAL LEAST SQUARE DETERMINATION OF THE IMPEDANCE OF AN ANTENNA FROM SLOTTED LINE MEASUREMENTS ACCOUNT TAKEN OF
 A SOLID STATE POLARIMETER SUITABLE FOR ROCKY-BORNE IONOSPHERIC DIFFERENTIAL ABSORPTION MEASUREMENTS

AFCL68-0086
 AFOSR67-1138
 AFOSR67-1401
 AFOSR68-1781
 ARL 67-0882
 ARL 67-1088
 ARL 68-1127
 ARL 67-1198
 ARL 68-0005
 AFCL68-0358
 AFOSR68-0928
 ARL 67-0109
 ARL 67-1197
 ARL 67-1214
 ARL 68-0004
 ARL 68-0364
 ARL 68-1108
 AFCL68-0438
 AFOSR67-0811
 AFOSR67-1177
 AFOSR67-0464
 AFOSR68-1077
 AFOSR68-1311
 ARL 68-0034
 ARL 68-0301
 AFOSR67-0582
 AFOSR67-2215
 AFOSR67-2364
 ARL 68-0315
 AFOSR68-0881
 AFOSR68-0675
 AFOSR68-2640
 AFCL67-0488
 AFOSR68-0038
 AFOSR68-0598
 AFOSR68-2555
 ARL 68-0170
 AFCL68-0366
 AFOSR67-0861
 AFOSR68-1334
 AFOSR68-1747
 AFOSR68-1772
 ARL 67-1012
 ARL 67-1203
 ARL 68-0253
 AFCL67-0356
 AFOSR67-2211
 AFCL67-0301
 AFCL67-0583
 AFOSR67-1106
 AFCL68-0094
 AFCL67-0505
 AFCL67-0367
 AFCL67-0532
 ARL 67-1215
 ARL 68-0123
 ARL 68-1187
 ARL 68-1379
 AFCL67-0295
 AFCL68-0538
 ARL 67-0164
 AFCL67-0064
 AFCL67-0169
 AFOSR68-0152
 ARL 67-0263
 AFOSR67-2568
 AFCL67-0558
 AFCL67-0336
 AFOSR67-2575
 AFOSR68-0480
 AFOSR68-2553
 AFCL67-0524
 AFOSR67-0152
 AFOSR68-2270
 AFCL67-0396
 AFCL68-0311
 AFCL67-0286
 AFCL67-0415
 AFOSR68-0878
 AFCL67-0371
 AFCL68-0013
 AFOSR67-1590
 AFOSR68-0487
 ARL 67-0284
 ARL 67-1157
 ARL 68-0341
 AFCL67-0367
 AFOSR67-1588
 AFOSR68-0150
 ARL 67-1328
 ARL 67-1295
 AFOSR68-0903
 ARL 67-0036
 AFCL67-0276
 AFOSR68-2685
 ARL 67-0168
 AFOSR68-1583
 AFCL68-0008
 AFOSR67-1021
 AFOSR68-0905
 AFOSR68-2349
 AFCL68-0429
 AFCL67-0373

MEASUREMENTS

ON GAUSSIAN MEASURES EQUIVALENT TO WIENER MEASURE
ON GAUSSIAN MEASURES EQUIVALENT TO WIENER MEASURE II
EQUIVALENT GAUSSIAN MEASURES WITH A PARTICULARLY SIMPLE RADON-NIKODYM DERIVATIVE
POLYNOMIALS ASSOCIATED WITH MEASURES IN THE COMPLEX PLANE
THE WORK COMPONENTS STUDY A SET OF MEASURES FOR WORK MOTIVATION
ALGORITHMS WITH THE SAME MULTIPLICATIVE MEASURES
THE DIVERGENCE AND HATTACHARYYA DISTANCE MEASURES IN SIGNAL SELECTION
INTER-JUDGE RELIABILITY OF HUMAN FIGURE DRAWING MEASURES OF FIELD DEPENDENCE
CHARACTERIZATION OF DERIVATIONS ON AN ALGEBRA OF MEASURES II

AFOSR67-1046
AFOSR67-1194
AFOSR67-2394
AFOSR67-2787
AFOSR68-0026
AFOSR68-0070
AFOSR67-1048
AFOSR67-1038
AFOSR67-2483

MEASURING

SYSTEM FOR MEASURING FREQUENCIES UP TO 348 GHz
SYSTEM FOR MEASURING MICROGRAM WEIGHT CHANGES UNDER CONTROLLED OXYGEN PARTIAL PRESSURE TO 18000000000 C
APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES
APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES
A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW
A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW
A SIMPLE METHOD FOR MEASURING ELECTRON DENSITY IN A PLASMA
A PROPOSED INDEX FOR MEASURING IONOSPHERIC SCINTILLATIONS
INVESTIGATION OF ERRORS IN MEASURING MAGNETIC FIELDS IN HIGH TEMPERATURE PLASMA DISCHARGES
A NEW SPECTROMETER FOR MEASURING ULTRAVIOLET SKY BRIGHTNESS AND DIRECT SOLAR RADIATION FINAL REPORT APR 1967
A PROPAGATION EXPERIMENT FOR MEASURING ELECTRON DENSITY IN THE D-REGION OF THE IONOSPHERE
STUDY OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASURING RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT FEB 1968
ERROR ANALYSIS OF THE HUMIDITY-TEMPERATURE MEASURING SET ANTHO-11
RESEARCH TOWARD FEASIBILITY OF AN INSTRUMENT FOR MEASURING VERTICAL GRADIENTS OF GRAVITY FINAL REPORT OCT 1967
ACCURACY AND SENSITIVITY OF THE THERMAL LENS METHOD FOR MEASURING ABSORPTION

AFOSR68-0658
ARL 68-0088
ARL 68-0234
ARL 68-0331
ARL 68-0818
ARL 68-1335
AFOSR67-1087
AFOSR68-0138
ARL 68-1136
AFOSR67-0410
AFOSR67-0536
AFOSR68-0102
AFOSR68-0184
AFOSR67-0631
AFOSR67-2064

MECHANICAL

MECHANICAL PROPERTIES OF SOME TANTALUM ALLOYS
MECHANICAL BEHAVIOR OF THIN METAL FILMS
MECHANICAL VIBRATION - A DRIVING MECHANISM FOR COMBUSTION INSTABILITY IN ROCKET ENGINES FINAL REPORT OCT 1968
THE MECHANICAL ANALYSIS OF QUATERNARY REACTION FINAL REPORT OCT 1967
A FAST MECHANICAL BEAM STOP AND OTHER AUXILIARY BEAM CONTROL EQUIPMENT
QUANTUM MECHANICAL STUDY OF PLASMAS FINAL REPORT DECEMBER 1968
STATISTICAL MECHANICAL THEORIES OF LIQUID TRANSPORT
SEMICONDUCTOR MECHANICAL SENSORS
INTERACTION OF MECHANICAL AND AERODYNAMIC INSTABILITIES OF A CIRCULAR CYLINDRICAL SHELL
EFFECT OF ATMOSPHERES ON THE MECHANICAL PROPERTIES OF CRYSTALS FINAL REPORT OCT 1968
INFLUENCE OF THE DISSIPATION OF MECHANICAL ENERGY ON THE TEMPERATURE OF THE LOW CHROMOSPHERE
CONSTRUCTION OF SLOTTED DISK FOR MECHANICAL VELOCITY SELECTORS USING ELECTRIC DISCHARGE MACHINING
THEORETICAL AND EXPERIMENTAL STUDIES OF MECHANICAL PROPERTIES OF ROCK FINAL REPORT MAY 1968
STUDY OF SPECTRAL REPRESENTATIONS FOR SIMPLE QUANTUM-MECHANICAL SYSTEMS
PARAMETRIC PHENOMENA AS APPLIED TO VIBRATION ISOLATORS AND MECHANICAL AMPLIFIERS
THE RESPONSE OF A THIN ELASTIC ROD TO COMBINED THERMAL AND MECHANICAL IMPULSE
ANALYTIC AND ALGEBRAIC RELATIONS BETWEEN SOME CLASSICAL QUANTUM - MECHANICAL PROBLEMS

AFOSR67-1862
AFOSR68-1499
AFOSR68-2366
AFOSR67-0630
AFOSR68-0808
ARL 68-0803
AFOSR68-2723
AFOSR68-2638
AFOSR67-0627
AFOSR68-2386
AFOSR68-0080
AFOSR67-2264
AFOSR68-0261
AFOSR67-2196
AFOSR67-2085
AFOSR68-1234
AFOSR68-1214

MECHANICS

THE MECHANICS OF REPEATED DISCONTINUOUS YIELDING OF METALS
THE MECHANICS OF REPEATED DISCONTINUOUS YIELDING OF METALS
FLUID MECHANICS RESEARCH FINAL REPORT JULY 1967
QUANTUM MECHANICS
QUANTUM MECHANICS AND SOURCES
CELESTIAL MECHANICS
CELESTIAL MECHANICS
CLASSICAL MECHANICS AND CONTACT TRANSFORMATIONS
STATISTICAL MECHANICS OF FINITE SYSTEMS ASYMPTOTIC EXPANSIONS I TWO PETIT CANONICAL ENSEMBLES- /N V T/ AND N P T/
STATISTICAL MECHANICS OF EQUILIBRIUM NON-EQUILIBRIUM AND QUANTUM MANY-BODY PROCESSES FINAL REPORT DEC 1967
STUDY OF SEISMICITY MECHANICS OF FAULTING AND CRUSTAL STRUCTURE WITHIN THE BASIN AND RANGE AND ADJOINING PROVINCES
NON-LINEAR CONTINUUM MECHANICS AND FLOW PROPERTIES OF NON-NEWTONIAN FLUIDS FINAL REPORT AUG 1968
SOME ASPECTS OF FLUID MECHANICS RESEARCH AT ARL
OBJECTIVITY IN QUANTUM MECHANICS
SYMPOSIUM ON STATISTICAL MECHANICS
RESEARCH IN STATISTICAL MECHANICS FINAL REPORT OCT 1967
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION
PROBABILITIES IN QUANTUM MECHANICS
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION II SPECTRAL CORRELATIONS
NUMERICAL TECHNIQUES IN MATRIX MECHANICS
RIGGED HILBERT SPACES IN QUANTUM MECHANICS
VELOCITY INVERSION IN STATISTICAL MECHANICS
MATHEMATICAL METHODS IN CELESTIAL MECHANICS
MATHEMATICAL METHODS IN CELESTIAL MECHANICS
MATHEMATICAL METHODS IN CELESTIAL MECHANICS
SPIN-INVARIANTS IN IRREDUCIBLE STATISTICAL MECHANICS
USE OF THE LASER AS AN ENERGY SOURCE IN FLUID MECHANICS
PRIGOGINE'S THEORY OF NON-EQUILIBRIUM STATISTICAL MECHANICS
BIOMECHANICS I: A SHORT HISTORY AND SOME PROBLEMS OF CONTINUUM MECHANICS IN PHYSIOLOGY
PARTIAL DIFFERENTIAL EQUATIONS CALCULUS OF VARIATIONS AND FLUID MECHANICS
FUNCTIONAL INTEGRAL REPRESENTATION OF NONEQUILIBRIUM STATISTICAL MECHANICS
ON THE COVARIANT FORMULATION OF CLASSICAL RELATIVISTIC STATISTICAL MECHANICS
GENERALIZED TRANSFORMATION TO A ROTATING COORDINATE SYSTEM IN QUANTUM MECHANICS

AFOSR67-1159
AFOSR68-0628
AFOSR67-1924
ARL 67-1317
ARL 68-1103
ARL 67-1862
ARL 68-1269
ARL 68-1277
AFOSR67-1152
AFOSR68-2097
AFOSR67-0520
AFOSR68-1848
ARL 67-1063
AFOSR67-1275
ARL 67-1257
AFOSR67-2770
AFOSR67-1270
AFOSR67-2317
AFOSR68-1056
AFOSR68-1057
AFOSR67-0141
AFOSR68-1037
ARL 67-1181
ARL 67-1183
ARL 68-1284
AFOSR68-1027
ARL 67-1731
ARL 68-1443
AFOSR68-0993
AFOSR68-1817
AFOSR67-2186
AFOSR68-1029
AFOSR67-1046

MECHANISM

MECHANISM OF EARTHQUAKES AND NATURE OF FAULTING ON THE MID-OCEANIC RIDGES
MECHANISM SUBSERVING COLOR CODING IN THE VERTEBRATE RETINA FINAL REPORT DEC 1966
MECHANISM AND DYNAMICS OF COAXIAL PLASMA ACCELERATION FINAL REPORT MARCH 1967
MECHANISM OF POLARIZED LIGHT PERCEPTION
MECHANISM OF DRUG-INDUCED CATECHOLAMINE RELEASE FROM ADRENERGIC NERVE GRANULES
THE MECHANISM OF THE DISPROPORTIONATION OF SULFINIC ACIDS RATE AND EQUILIBRIUM CONSTANTS FOR THE SULFINIC ACID-
THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH EFFICIENCY COS THIN-FILM SOLAR CELLS
THE FOCAL MECHANISM OF THE ALASKA EARTHQUAKE OF MARCH 28 1964 AND OF ITS AFTERSHOCK SEQUENCE
THE FOCAL MECHANISM OF EARTHQUAKES IN THE SOUTHERN COAST OF THE IBERIAN PENINSULA
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF ETHYLENEDITHIOURACIL-DECKELT/II/ 10N
KINETICS AND MECHANISM OF THE REACTION OF TRIPHENYLPHOSPHINE WITH ALPHA-HALOACETOPHENONES
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF ETHYLENEDITHIOURACIL-PALLADIUM /II/ 10N
KINETICS AND MECHANISM OF FORMATION OF PINK FERITE
A STUDY OF THE MECHANISM OF SEA SURFACE SCATTERING
ANALYSIS OF THE MECHANISM OF ACTION OF THE NERVE GROWTH FACTOR
RESEARCH ON THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH-EFFICIENCY COS THIN-FILM SOLAR CELLS
SURFACE ASYMMETRY MECHANISM FOR FRACTIONAL ORDER PEAKS OBSERVED IN LEED BEAMS FROM METALS
THE HUMAN EYE-MOVEMENT MECHANISM EXPERIMENTS A MODELING AND MODEL TESTING FINAL REPORT JUNE 1967
OSCILLATORY CONTRACTILE MECHANISM OF INSECT FLIGHT MUSCLE
LOVE WAVE SPECTRA AND THE MECHANISM OF THE 1966 PARKFIELD SEQUENCE

AFOSR67-0327
AFOSR67-0177
AFOSR67-1062
AFOSR67-1150
AFOSR68-0867
AFOSR67-0075
ARL 68-1417
AFOSR67-0073
AFOSR67-2717
AFOSR67-1749
AFOSR68-0495
AFOSR68-2271
AFOSR68-2845
AFOSR67-1861
AFOSR68-2332
ARL 67-0190
AFOSR67-2316
ARL 67-0005
AFOSR67-2253
AFOSR68-1432

MECHANISM - CONTINUED

STUDIES WITH RATS I. BRAIN MECHANISM IN PEAR DISPRESSION II. COMPLEXITY AND STIMULUS CHOICE III. ACQUISITION LATENCY AND THE S-WAVE PROJECT FOR FOCAL MECHANISM STUDIES EARTHQUAKES OF 1963
THE S-WAVE PROJECT FOR FOCAL MECHANISM STUDIES FINAL REPORT MARCH 1966
SPATIAL DISTRIBUTION AND SOURCE MECHANISM OF MICROEARTHQUAKES IN CENTRAL NEVADA
SOLID EARTH TIDES AS A TRIGGERING MECHANISM FOR EARTHQUAKES
HALOMETHYL-METAL COMPOUNDS XIV THE MECHANISM OF THE PHENYL /BROMODICHLOROMETHYL/ MERCURY-OLEFIN REACTION
HALOMETHYL-METAL COMPOUNDS XVII THE MECHANISM OF DICHLOROCARBENE INSERTION INTO THE SI-H BOND BY THE MERCURIAL ROUTE
PARKFIELD EARTHQUAKE OF JUNE 28 1966 MAGNITUDE AND SOURCE MECHANISM
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LIV A NEW MECHANISM FOR PHOTOCHEMICAL REACTIONS
PHOTOCHEMICAL CYCLOBUTANOL FORMATION OF AN ARYL KETONE THE SCOPE AND MECHANISM OF THE REACTION
NONPLANAR CYCLOBUTANE EVIDENCE FOR A CONFORMATIONALLY CONTROLLED CLASSIC MECHANISM IN THE DEAMINATION OF CIS- AND COLLISIONAL EXCITATION TRANSFER TO THE 4 D STATE IN HELIUM BY MULTIPLE STATE MECHANISM
THE THERMAL RACEMIZATION OF ALLYLIC SULFOXIDES AND THE INTERCONVERSION OF ALLYLIC SULFOXIDES AND SULFENATES MECHANISM

MECHANISMS

MECHANISMS OF FATIGUE HARDENING IN COPPER SINGLE CRYSTALS
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR II CONCOMITANT ELECTROPHILIC AND NUCLEOPHILIC CATALYSIS OF THE MECHANISMS OF SUBSTITUTION REACTIONS SULFINYL SULFUR SOLVOLYSIS OF ARYL SULFINYL SULFONES IN ACETIC ACID-WATER
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XL STERIC HINDRANCE TO ENERGY TRANSFER
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION STUDY OF ENERGY TRANSFER BY KINETIC SPECTROPHOTOMETRY
MECHANISMS OF SUBSTITUTION AT SULFINYL SULFUR III THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD MECHANISMS OF REACTIONS OF THIO SULFINATES /SULFENIC ANHYDRIDES/ I THE THIO SULFINATE-SULFINIC ACID REACTION
MECHANISMS OF COLOR DISCRIMINATION A BEHAVIORAL ANALYSIS FINAL REPORT JAN 1967
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR IV THE HYDROLYSIS OF SULFINYL SULFONES /SULFINIC ANHYDRIDES/ MECHANISMS OF INNATE PATTERN LEARNING MEMORY AND READ-OUT WITHIN SINGLE NEURONS FINAL REPORT DEC 1967
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVII REARRANGEMENT OF PHENYLVINYL CYCLOPROPANES
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVII CYCLIZATION OF COMPOUNDS CONTAINING PHENYL AND CONJUGATED MECHANISMS OF ELECTROPHILIC SUBSTITUTION IN METALLOGENES THE INSIDE-OUTSIDE RELATIONSHIP
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR V HALIDE AND ACETATE ION CATALYSIS OF THE SOLVOLYSIS OF MECHANISMS SURVIVING COLOR CODING IN THE VITREOUS HUMOR FINAL REPORT MARCH 1968
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LII PHOTOREDUCTION OF CAMPHORQUINONE
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LIV A NEW MECHANISM FOR PHOTOCHEMICAL REACTIONS
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LV NAPHTHALENE-SENSITIZED PHOTOCHEMICALIZATION OF SULFOXIDES
MECHANISMS OF ATTITUDE CHANGE PRODUCED BY FORCED COMPLIANCE FINAL REPORT AUG 1968
MECHANISMS FOR PHOTIC INHIBITION OF FLASHING IN FIREFLIES
SOME MECHANISMS FOR A THEORY OF THE RETICULAR FORMATION FINAL REPORT FEB 1967
DAMAGE MECHANISMS IN THERMAL CONTROL COATING SYSTEMS FINAL REPORT SEPT 1967
NEURAL MECHANISMS INVOLVED IN INSTINCTIVE BEHAVIOR FINAL REPORT NOV 1968
ON THE MECHANISMS OF POSTHYPNOTIC AMNESIA
NEURAL MECHANISMS OF EMOTIONAL BEHAVIOR /GERMAN/
X-RAY MECHANISMS
REACTION MECHANISMS AND KINETICS IN SOLID PHASE REACTIONS FROM 1500-3000 DEGREES C
BREAKDOWN MECHANISMS FOR LASER-INDUCED DISCHARGES IN SUPER- HIGH PRESSURE GASES
BRAIN STEM MECHANISMS OF SLEEP
STATISTICAL MECHANISMS IN GENERATION OF THE EEG
ENERGY LOSS MECHANISMS OF PARTICLES IN SEMICONDUCTORS FINAL REPORT FEB 1968
NONADIABATIC MECHANISMS IN NERVOUS TISSUE FINAL REPORT JAN 1967
NONADIABATIC MECHANISMS IN THE NERVOUS SYSTEM OF LUMBRICUS TERRESTRIS /L /
INTRANEURAL MECHANISMS FOR INFORMATION STORAGE FINAL REPORT MARCH 1968
NONADIABATIC MECHANISMS IN NERVOUS TISSUE FINAL REPORT APRIL 1968
FLAME-PILOTING MECHANISMS IN LIQUID PROPELLANT ROCKET ENGINES
A STUDY OF THE MECHANISMS OF WHISTLER PROPAGATION AND VLF EMISSION GENERATION FINAL REPORT JAN 1968
SIMPLE INSTABILITY MECHANISMS FOR DYNAMIC LOADING FINAL REPORT MAR 1968
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP FINAL REPORT FEB 1967
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP FINAL REPORT OCT 1967
STUDY OF THE BRAIN MECHANISMS UNDERLYING THE CHANGES OF CONSCIOUSNESS AND THEIR ELECTROPHYSIOLOGICAL CORRELATES
RADICAL-IONIC REACTION MECHANISMS HOMOLYSIS OF THE CARBONIUM ION T-BUTYL TROPENIUMPERACETATE
CENTRAL AND PERIPHERAL MECHANISMS IN THE MODULATION OF FLASHING IN THE FIREFLY LUCIFOLA ITALICA L
INVESTIGATION OF ACCELERATION MECHANISMS IN MPD ACCELERATORS
COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS
COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS FINAL REPORT JUNE 1968
ROCK DEFORMATION AND THE DEFORMATION MECHANISMS IN TORSION TESTS FINAL REPORT MAR 1967
STUDY OF DOCUMENTATION PROCEDURES AND MECHANISMS FINAL REPORT AUG 1967
TRANSGRANULAR STRESS-CORROSION CRACKING MECHANISMS IN HIGH-PURITY AUSTENITIC STAINLESS STEELS
KINETIC ISOTOPE EFFECTS AND ORGANIC REACTION MECHANISMS
ELECTROPHYSIOLOGICAL STUDY OF VISUAL CORTICAL MECHANISMS ACTIVATED DURING AVOIDANCE CONDITIONING TRAILS IN MACAQUES
INVESTIGATION OF MODE-LOCKING AND CERTAIN OTHER MECHANISMS IN LASERS AND THEIR IMPLICATIONS FINAL REPORT JUNE 1968
RESEARCH ON ELECTRICAL CONDUCTIVITY AND CONDUCTION MECHANISMS IN ALUMINA FINAL REPORT AUGUST 1968
BRAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL MECHANISMS AND SOCIAL PATTERNS UCLA FORUM IN MEDICAL SCIENCES
BIOPHYSICAL AND ELECTROPHYSIOLOGICAL STUDIES OF SENSORY MECHANISMS FINAL REPORT DEC 1968
INTRAMOLECULAR ISOMERIZATION OF OCTAHEDRAL COMPLEXES BY MECHANISMS NOT INVOLVING BOND RUPTURE
THE EFFECTS OF PHYSICAL AND SYNOCLIC STRESSORS ON PERCEPTIVE MECHANISMS FINAL REPORT JUNE 1968

MECHANISTIC

MECHANISTIC CONSEQUENCES OF CURVED STERN-VOLMER PLOTS THE PHOTOLYSIS OF CYCLOBUTANONE
A MECHANISTIC INTERPRETATION OF CHEMICAL IONIZATION MASS SPECTROMETRY

MECHANIZATION

ON THE MECHANIZATION OF CREATIVE PROCESSES

MECHANOCHEMISTRY

MECHANOCHEMISTRY OF COUPLED CONTRACTILE AND CHEMICAL RATE PROCESSES FINAL REPORT DEC 1967

MEDIA

WORKING MEDIA FOR ELECTROFLUIDODYNAMIC GENERATORS
GASKETING MEDIA AT ULTRA-HIGH PRESSURE
GASKETING MEDIA AT ULTRA-HIGH PRESSURE FINAL REPORT JUNE 1967
ANISOTROPIC MEDIA AND NETWORK SYNTHESIS FINAL REPORT OCT 1967
THE USE OF TRADITIONAL MEDIA FOR MODERNIZATION IN COMMUNIST CHINA
GUIDED WAVES IN ROUND MEDIA WITH RANDOM GROSS INHOMOGENEITIES
HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE 1-BAND PARADAY ROTATION OF WATER ADSORBED ON HEMOGLOBIN
PROPAGATION OF WAVES IN SPECIAL MEDIA AND GEOMETRIES FINAL REPORT NOV 1967
GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART II RELATIVISTIC VELOCITIES
GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART I NONRELATIVISTIC VELOCITIES
INVESTIGATION OF ANTENNAS IN PLASMA MEDIA FINAL REPORT NOV 1968
PHYSICS OF FERROMAGNETIC AND FERROELECTRIC MEDIA FINAL REPORT OCT 1968
DISPERSION RELATIONS IN TIME-SPACE PERIODIC MEDIA PART II-UNSTABLE INTERACTIONS
THE PHOTOLYSIS OF ALKYL NITRATES IN ALCOHOLIC MEDIA
PROPAGATION OF SPHERICAL WAVE IN NON-STATIONARY MEDIA
COUPLED WAVE EQUATIONS FOR MULTI-MODE INHOMOGENEOUS MEDIA II
SIGNAL DISTORTION IN ANISOTROPIC HOMOGENEOUS IONIZED MEDIA I LONGITUDINAL MAGNETIC FIELD

| | |
|--|--|
| MULTI-WAVE WAVE COUPLING IN INHOMOGENEOUS ANISOTROPIC MEDIA - WITH SOME MAGNETOTONIC APPLICATIONS
ON THE QUANTUM STATISTICS OF WAVE MIXING IN NONLINEAR MEDIA
RADIO LINKS AND ANTENNAS IN ROUNDLESS OR BOUNDED LOSSY MEDIA FINAL REPORT JAN 1967
ANTENNA PROPERTIES IN THE PRESENCE OF ANISOTROPIC IONIZED MEDIA FINAL REPORT JUNE 1967
VOLTAHERMETIC AND SPECTRAL STUDIES ON ZIRCONIUM IN CHLORIDE MEDIA IN ACETONITRILE
THE PARAMETRIC COUPLING OF MODES OF PROPAGATION IN NONLINEAR MEDIA
RADIATIVE HEAT TRANSFER IN ABSORBING, EMITTING AND SCATTERING MEDIA
ON TRANSITION FUNCTIONS OCCURRING IN THE THEORY OF DIFFRACTION IN INHOMOGENEOUS MEDIA
SURFACE FIELDS OF LINEAR ANTENNAS IN FREE SPACE DIELECTRIC RODS AND MAGNETOTONIC MEDIA
SCATTERING AND PROPAGATION OF ELECTROMAGNETIC WAVES IN BOUNDED PARAMETRICALLY MODULATED MEDIA
THE RESOLUTION OF THE THERMODYNAMIC PARADOX AND THE THEORY OF GUIDED WAVE PROPAGATION IN ANISOTROPIC MEDIA | AFCL66-0067
AFOSR67-0825
AFCL67-0187
AFCL67-0825
AFOSR68-2266
AFOSHA-0827
ARL 67-0210
AFOSR67-1734
AFCL68-0474
AFOSR68-1867
AFOSR68-1193 |
| MEDIAL | |
| NEURONS OF THE MEDIAL Diencephalon II: EXCITATION OF CENTRAL ORIGIN
NEURONS OF THE MEDIAL Diencephalon I: SOMATOSENSORY RESPONSES AND CAUDATE INHIBITION
STUDY OF THE MATHEMATICAL FOUNDATIONS OF THE MEDIAL AXIS TRANSFORMATION FINAL REPORT AUG 1968 | AFOSR67-0969
AFOSR67-0970
AFCL68-0498 |
| MEDIAN | |
| THE ROLE OF THE THALAMUS MEDIAN IN THE ESTABLISHMENT AND THE RETENTION OF CONDITIONED RESPONSES CLASSICAL AND
CLINICAL NORMALS AS PREDICTORS PART 3 MEDIAN VS MPAN | AFOSR67-2114
AFCL68-0255 |
| MEDIASTINAL | |
| REGIONAL DISTRIBUTION IN ESOPHAGEAL TEMPERATURE AND ITS USE IN LOCALIZING MEDIASTINAL ORGANS AND MONITORING CENTRAL | AFOSR67-0279 |
| MEDIATED | |
| OPERANT REINFORCEMENT OF A SKELETALLY MEDIATED AUTONOMIC RESPONSE UNCOUPLING OF THE TWO RESPONSES | AFOSR68-PA86 |
| MEDICAL | |
| BRAIN FUNCTION VOLUME IV UCLA FORUM IN MEDICAL SCIENCES NUMBER 6 - PROCEEDINGS OF THE FOURTH CONFERENCE ON BRAIN
BRAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL MECHANISMS AND SOCIAL PATTERNS UCLA FORUM IN MEDICAL SCIENCES | AFOSR68-1342
AFOSR68-1341 |
| MEDICINE | |
| TRADITIONAL MEDICINE IN MODERN CHINA | AFOSR68-C992 |
| MEDITERRANEAN | |
| CRUSTAL STRUCTURE OF THE MEDITERRANEAN SEA BY SURFACE WAVES PART I GROUP VELOCITY
CRUSTAL STRUCTURE OF THE MEDITERRANEAN SEA PART II PHASE VELOCITY AND TRAVEL TIMES | AFOSR67-2147
AFOSR67-2415 |
| MEDIUM | |
| NUCLEI OF LOW TO MEDIUM MASS
PERPENDICULAR SHOCKS IN A MEDIUM CONTAINING COSMIC RAYS
WAVE PROPAGATION IN A RANDOM MEDIUM
EDGE BUCKLING OF A LAMINATED MEDIUM
TIME OF RELAXATION I UNBOUNDED MEDIUM
FLOW VISUALIZATION IN AN INCOMPRESSIBLE MEDIUM
STRESS WAVE PROPAGATION IN A PRESTRESSED MEDIUM FINAL REPORT OCT 1967
HEAT CONDUCTION IN A BOUNDED ANISOTROPIC MEDIUM
XENON YIELDS IN THE FISSION OF HEAVY ELEMENTS BY MEDIUM- ENERGY PROTONS
THE VELOCITY AND ATTENUATION OF WAVES IN A RANDOM MEDIUM
POWER FLOW FROM A SHORT ANTENNA IN A LOSSY UNIAXIAL MEDIUM
SPECIAL UTILITY PROGRAMS TO ENHANCE THE PERFORMANCE OF AN ON-LINE MEDIUM SIZE PROCESSOR USED FOR STATISTICAL
A METHOD OF OBTAINING THE IMPEDANCE OF AN ANTENNA IN A DISSIPATIVE MEDIUM FROM THAT IN AIR
FLAME PROPAGATION ALONG THE INTERFACE BETWEEN A GAS AND A REACTING MEDIUM
FLUCTUATIONS OF A BEAM WAVE PROPAGATING THROUGH A LOCALLY HOMOGENEOUS MEDIUM
MEASUREMENT OF THE CONDUCTIVITY AND DIELECTRIC CONSTANT OF A HOMOGENEOUS MEDIUM BY MEANS OF WAVE PROPAGATION
CHRONOCOLOMETRIC MEASUREMENT OF IODINE(III) ADSORPTION FROM THIOCYANATE MEDIUM
REFLECTION AND AMPLIFICATION OF ELECTROMAGNETIC WAVES IN AN OSCILLATING IONIZED MEDIUM PART II
STUDIES CONCERNING HYDROLYSIS OF METALLIC IONS 55% VANADIUM /III/ IN 3 MOLAR KCL MEDIUM/
FREQUENCY DEPENDENCE OF THE FIELD STRENGTH COMPONENTS OF A DIPOLE EMERGED IN A CONDUCTING MEDIUM
KINETICS OF OXIDUM-CATALYZED REACTION BETWEEN CERIUM(IV) AND ARSENIC(III) IN SULFURIC ACID MEDIUM
INSTRUMENT FOR FUNCTIONAL READOUT OF CHRONOCOLOMETRIC DATA APPLICATION TO CADMIUM ADSORPTION FROM IODINE MEDIUM | ARL 67-0033
AFOSR68-2074
AFCL68-0343
AFOSR68-0458
AFOSR68-1098
ARL 67-1210
AFCL67-0529
AFOSR68-1735
AFOSR67-0454
AFCL67-0614
AFCL68-0573
AFCL67-0605
AFCL68-0049
AFOSR67-2681
AFCL68-0433
AFCL68-0440
AFOSR68-0729
AFCL68-0313
AFOSR67-1294
AFCL68-0174
AFOSR68-0386
AFOSR67-0750 |
| MEDULLA | |
| THE IDENTIFICATION OF PROSTAGLANDINS F TWO F TWO AND ALPHA TWO FROM RABBIT KIDNEY MEDULLA | AFOSR68-0347 |
| MEETING | |
| TENTH AFOSR CONTRACTORS MEETING ON ION AND PLASMA PHOSPHORUS RESEARCH SAN DIEGO CALIFORNIA 3-5 APRIL 1967 /ABSTRACTS
AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH 3RD COCA BEACH FLORIDA 27-30 JUN 1967 COMPILATION
ELEVENTH AFOSR CONTRACTORS MEETING ON NON-CHEMICAL ENERGY
REPORT OF JOINT SATELLITE STUDIES GROUP ANNUAL MEETING DISO APRIL 1968 FINAL REPORT APR 1968
COMPILATION OF ABSTRACTS-4TH AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH
A REPORT ON JOINT AMERICAN PHYSICAL SOCIETY AND JAPANESE PHYSICAL SOCIETY MEETING ON FLUID DYNAMICS HONOLULU HAWAII
SURFACE EFFECTS IN SEEDED COMBUSTION PRODUCTS /PROCEEDINGS OF A SPECIALISTS MEETING AGARD PROPULSION AND ENERGY | AFOSR67-0894
AFOSR67-0391
AFOSR68-1377
AFCL68-0260
AFOSR67-2530
AFOSR67-0613
AFOSR67-1216 |
| MEGACYCLE | |
| MEGACYCLE AND KILMEGACYCLE ULTRASONIC ATTENUATION STUDIES IN METALS FINAL REPORT MARCH 1968 | AFOSR68-0739 |
| MEIOTIC | |
| FINE STRUCTURE OF MEIOTIC CHROMOSOMES | AFOSR68-2123 |
| MELANOGASTRO | |
| INHIBITION OF XANTHINE DEHYDROGENASE IN DROSOPHILA MELANOGASTRO
INHIBITION OF XANTHINE DEHYDROGENASE IN DROSOPHILA MELANOGASTRO FINAL REPORT NOV 1968 | AFOSR68-2327
AFOSR68-2324 |
| MELT | |
| GROWTH OF SODIUM CHLORIDE-POTASSIUM CHLORIDE MIXED CRYSTALS FROM THE MELT | AFOSR67-0825 |
| MELTING | |
| MELTING POINTS AT HIGH COMPRESSIONS FROM ZERO-COMPRESSION PROPERTIES THROUGH THE WENNEDY MELTATION
MELTING CURVES OF COOPER KILVON GOLD AND PLATINUM 13 TO 70 KILOBARS
A FREE BOUNDARY PROBLEM FOR THE HEAT EQUATION WITH PRESCRIBED FLUX AT BOTH FIXED FACE AND MELTING INTERFACE | AFOSR67-1239
AFOSR68-2055
AFOSR67-1361 |

MELTING-POINT
MELTING-POINT ANOMALIES AFOBR67-1444

MELTS
ULTRASONIC RELAXATION OF HYDRATE MELTS CALCIUM NITRATE TETRAHYDRATE AFOBR67-2587

MEMBRANE
FIXED CHARGE IN THE CELL MEMBRANE
BIOCHEMICAL PROFILE OF NERVE MEMBRANE FINAL REPORT FEB 1967 AFOBR67-1870
BIOCHEMICAL PROFILE OF NERVE MEMBRANE FINAL REPORT FEB 1968 AFOBR67-1337
FINITE DEFORMATIONS OF A CYLINDRICAL MEMBRANE LOADED BY A UNIFORM INTERNAL PRESSURE AND AN AXIAL LOAD AFOBR68-1000
CHOLINESTERASE ACTIVITY OF THE NICOTINATING MEMBRANE REINNERVATED BY CHOLINERGIC FIBERS AFRL 68-0485
THE BIHARMONIC BOUNDARY VALUE PROBLEM AS APPLIED TO A MEMBRANE HAVING AN IRREGULAR SHAPE FI. REPORT AUG 1967 AFOBR67-1768
AN ITERATIVE SOLUTION FOR QUATIONALLY SYMMETRIC NON-LINEAR MEMBRANE PROBLEMS AFOBR67-2097

MEMBRANES
STIFFNESS OF FINITELY DEFORMABLE MEMBRANES FINAL REPORT JULY 1967 AFOBR68-0241
PROPERTIES OF ELECTRICALLY EXCITABLE MEMBRANES FINAL REPORT NOV 1967 AFOBR67-2741

MEMORIAM
FELIX HAUSDORFF IN MEMORIAM THE MATHEMATICAL WORK OF F HAUSDORFF /GERMAN/ AFOBR67-0873

MEMORY
MEMORY WITHOUT RECORD AFOBR67-0311
MEMORY AND THOUGHT IN HUMAN INTELLECTUAL PERFORMANCE AFOBR67-1816
MEMORY EFFECTS AND THE AUTOCORRELATION FUNCTION OF DYNAMICAL VARIABLE AFOBR68-0029
MEMORY AND INDUCTIVE INFERENCE AFOBR68-2800
THIN-FILM MEMORY DIODES AFRL 68-0488
INFLUENCE OF MEMORY FACTORS ON SENSORY DISCRIMINATION FINAL REPORT JULY 1968 AFOBR68-1695
A CAPACITOR ANALOG MEMORY AFOBR67-0711
SHORT-TERM RECOGNITION MEMORY AFOBR67-1803
SHORT TERM AND LONG TERM MEMORY PROCESSES A FUNCTIONAL MODEL OF FRONTO-TEMPORAL RELATIONSHIPS FINAL REPORT JULY 1968 AFOBR68-1672
ON THE NATURE OF SHORT-TERM MEMORY ENCODING BY THE DEAF AFOBR67-1813
ON THE GENERAL THEORY OF FADING MEMORY AFOBR68-1815
A LOCALLY-DISTRIBUTED ASSOCIATIVE MEMORY NETWORK AFOBR68-0969
DECISION PROCESSES IN RETRIEVAL FROM MEMORY COMMENT ON THE CONTRIBUTIONS OF LLOYD R PETERSON AND CHARLES N COPER AFOBR67-2232
MECHANISMS OF INNATE PATTERN LEARNING MEMORY AND READ-OUT WITHIN SINGLE NEURONS FINAL REPORT DEC 1967 AFOBR67-2833
PATTERN RECOGNITION BY USING AN ASSOCIATIVE MEMORY AFOBR67-1131
NORMS AND SEMI-GROUPS IN THE THEORY OF FADING MEMORY AFOBR67-0849
ANATOMICAL LOCALIZATION OF TARGET LEARNING AND MEMORY FINAL REPORT NOV 1967 AFOBR67-2506
EFFECTS OF THIOPENTAL SEDATION ON LEARNING AND MEMORY AFOBR67-2214
LATERAL INTERACTION AND TRANSFER IN THE TACTILE MEMORY OF THE OCTOPUS AFOBR68-0247
TRANSFORMATIONAL AND ORGANIZATIONAL PROCESSES IN MEMORY FINAL REPORT FEB 1968 AFOBR68-0628
A GENERAL THEORY OF DISSIPATION IN MATERIALS WITH MEMORY AFOBR68-0499
ANALYSIS AND DESIGN OF COMMUNICATION NETWORKS WITH MEMORY AFOBR67-0393
ACOUSTIC FACTORS VERSUS LANGUAGE FACTORS IN SHORT-TERM MEMORY AFOBR67-1822
THERMODYNAMICS AND WAVE PROPAGATION IN NON-LINEAR MATERIALS WITH MEMORY AFOBR68-1793
ON THE STABILITY OF CERTAIN MOTIONS OF INCOMPRESSIBLE MATERIALS WITH MEMORY AFOBR68-2694
SOME PROPERTIES OF GASES WITH VIBRATIONAL RELAXATION WHEN VIEWED AS MATERIALS WITH MEMORY AFOBR68-1103
ON THE USE OF SYMMETRY TO SIMPLIFY THE CONSTITUTIVE EQUATIONS OF ISOTROPIC MATERIALS WITH MEMORY AFOBR68-2867

MEMORYLESS
LOWER BOUNDS TO ERROR PROBABILITY FOR CODING ON DISCRETE MEMORYLESS CHANNELS II AFOBR68-2019

MENTOY
PUSH DOWN LIST MENTOY /PUDL/ FINAL REPORT AUG 1968 AFRL 68-0403

MENTAL
PERCEPTUAL DEFICIT DURING A MENTAL TASK
PARADOXICAL SLEEP AND DREAMING AMONG THE MENTAL DEFICIENT /FRENCH/ AFOBR67-2234
ACID MONAMINE METABOLITES OF CEREBROSPINAL FLUID IN MENTAL DEPRESSION AND MANIA AFOBR67-0497
AFOBR67-0867

MENTHYL
PROTON MAGNETIC RESONANCE SPECTRA OF MENTHYL PHOSPHINATES AFOBR68-2489

MERCAPTOCOBALT
ORGANOMETALLIC SULFUR COMPLEXES XII STRUCTURE OF A HEXAMERIC MERCAPTOCOBALT CARBOXYL SULFIDE COMPLEX AFOBR68-2431
ORGANOMETALLIC SULFUR COMPLEXES XI PREPARATION AND STRUCTURE OF A PENTAMERIC MERCAPTOCOBALT CARBOXYL COMPLEX AFOBR68-2735
ORGANOMETALLIC SULFUR COMPLEXES X STRUCTURAL AND BONDING CHARACTERIZATION OF A TRIMERIC MERCAPTOCOBALT CARBOXYL AFOBR68-2461

MERCURIAL
PRELIMINARY COMMUNICATION GENERATION OF FLUOROCHLOROCARBENE BY THE MERCURIAL ROUTE AFOBR68-0322
HALOMETHYL-METAL COMPOUNDS XVII THE MECHANISM OF DICHLOROCARBENE INSERTION INTO THE SI-H BOND BY THE MERCURIAL ROUTE AFOBR68-1804

MERCURIAL-INDUCED
MERCURIAL-INDUCED DISSOCIATION OF PHYCOERYTHRIN FROM CERAMUM RUBRUM AFRL 67-0126

MERCURIC
DETECTION OF MERCURIC CYANIDE AND ALKALI HALIDES IN PRESENCE OF ALKALI CYANIDE ARL 67-0097
A CALOMETRIC AND POTENTIOMETRIC STUDY OF MERCURIC BROMIDE SYSTEMS AT 25 DEGREES CENTIGRADE IN THREE MOLAR SODIUM AFOBR67-1312
SPECIFIC SPOT TESTS BASED ON THE RELEASE OF HYDROGEN CYANIDE FROM ACIDIC MERCURIC CYANIDE SOLUTION ARL 68-0178

MERCURY
IONIZED MERCURY GAS IN THE HEATED SHOCK TUBE THE MEASUREMENT OF RELAXATION TIMES AND ABSOLUTE INTENSITIES FINAL REPORT AFOBR68-1930
PREPARATION OF ORIENTED MERCURY SINGLE CRYSTALS AFOBR67-0149
ELECTRON EXCITATION FUNCTIONS OF MERCURY AFOBR67-1958
ROTATION AND HEATING OF THE PLANET MERCURY AFOBR68-1174
BIS /TRIMETHYLSILYL DICHLOROMETHYL/ MERCURY A NEW AND USEFUL REAGENT IN SYNTHETIC ORGANOSILICON CHEMISTRY AFOBR68-1813
RADAR MEASUREMENTS AT 70CM OF VENUS AND MERCURY AFOBR67-2101
HALOMETHYL-METAL COMPOUNDS VI PHENYL /DIBROMOMETHYL/ MERCURY COMPOUNDS THEIR PREPARATION AND SOME CLEAVAGE REACTIONS AFOBR67-0111
CIS INSERTION INTO THE SILICON-MERCURY AND GERMANIUM-MERCURY BONDS AFOBR67-0993
EFFECT OF A MAGNETIC FIELD ON A LAYER OF FREE SURFACE MERCURY AFOBR68-0229
HALOMETHYL-METAL COMPOUNDS VIII THE REACTION OF PHENYL /TRIALKOMETHYL/ MERCURY COMPOUNDS WITH HYDROGEN CHLORIDE AFOBR67-1295

| | |
|--|--------------|
| HALOGENATED METAL COMPOUNDS IN THE REACTION OF PHENYL BROMODICHLOROMETHYL MERCURY WITH ALCOHOLS | AFOSR67-0201 |
| HALOGENATED METAL COMPOUNDS IN THE REACTION OF PHENYL BROMODICHLOROMETHYL MERCURY WITH CARBOXYLIC ACIDS | AFOSR67-0049 |
| HALOGENATED METAL COMPOUNDS IN THE REACTION OF SODIUM IODIDE ON PHENYL BROMODICHLOROMETHYL MERCURY COMPOUNDS A NEW METHOD OF | AFOSR67-0796 |
| PRODUCTION OF MOLECULAR NITROGEN VIA TRIPLET SINGLET AND CARBON MONOXIDE VIA TRIPLET SINGLET BY MERCURY PHOTOSENSITIZATION | AFOSR68-1420 |
| PRODUCTION OF NITROGEN MOLECULES VIA TRIPLET SINGLET AND CARBON MONOXIDE VIA TRIPLET SINGLET BY MERCURY SINGLET-P-1 | AFOSR68-2605 |
| MERCURY-HALOGEN | |
| HALOGENATED METAL COMPOUNDS IN THE REACTION OF HALOGENATED METAL COMPOUNDS INTO THE MERCURY-HALOGEN BOND | AFOSR68-2324 |
| MERCURY-OF-PIEN | |
| HALOGENATED METAL COMPOUNDS IN THE REACTION OF THE PHENYL BROMODICHLOROMETHYL MERCURY-OLEFIN REACTION | AFOSR67-2491 |
| HALOGENATED METAL COMPOUNDS IN THE REACTION OF THE PHENYL BROMODICHLOROMETHYL MERCURY-OLEFIN REACTION | AFOSR68-2805 |
| MERGING | |
| A STUDY OF MERGING ON CIRCLES | ARL 68-1113 |
| EFFECT OF BODY INCLINATION ON THE MERGING OF A HYPERSONIC LOW DENSITY FLOW OVER SHARP TWO-DIMENSIONAL LINEAR BODIES | ARL 68-1111 |
| MEROMORPHIC | |
| A FOURIER SERIES METHOD FOR MEROMORPHIC AND ENTIRE FUNCTIONS | AFOSR68-2242 |
| MAKING FORMS FOR MEROMORPHIC FUNCTIONS | AFOSR68-2577 |
| FAST APPROXIMATION BY RATIONAL FUNCTIONS AND BY MEROMORPHIC FUNCTIONS WITH SOME FREE POLES | AFOSR68-0375 |
| MESENCEPHALIC | |
| AUDITORY RESPONSES OF NEURONS IN THE LATERAL MESENCEPHALIC NUCLEUS (INFERIOR COLICULUS) OF THE BARBARY DOVE | AFOSR68-0007 |
| EFFECTS OF PENTAMETHYLENETETRAZOL IN CHRONIC CATS WITH MESENCEPHALIC TRANSECTION | AFOSR67-0495 |
| RESULTS OF ATROPINE, EPINEPHRINE AND ADRENALINE IN CATS WITH MESENCEPHALIC TRANSECTION AND IN THE ISOLATED HEMISPHERE CAT | AFOSR67-2380 |
| MESENTERY | |
| MESOTICOTIC BLOOD VESSELS IN THE MESENTERY | AFOSR67-0628 |
| MESITYLENE | |
| INDEX OF REFRACTION OF ISO-PENTANE AND MESITYLENE AS FUNCTION OF PRESSURE | ARL 68-0226 |
| MESON | |
| MESON THEORETIC N-N INTERACTIONS FOR NUCLEAR PHYSICS | AFOSR67-2566 |
| MESON DECAY RATES IN $\pi^0\pi^0$ AND THE INTRODUCTION OF SU(2) | AFOSR68-0108 |
| SCALE OF MESON AND BARYON COUPLINGS AND UNIVERSALITY IN THE ALGEBRA OF FACTORIZED RESIDUES | AFOSR68-2738 |
| CURRENT ALGEBRAS APPLIED TO MESON STATES | AFOSR67-0577 |
| FORMATION OF RESONANT STATES IN NEGATIVE K MESON PLUS PROTON INTO NEGATIVE K MESON PLUS PROTON BETWEEN 0.8 AND 1.2 | AFOSR67-0792 |
| ON THE ELECTROMAGNETIC STRUCTURE OF THE YUKAWA MESON IS | AFOSR67-2056 |
| A CURRENT ALGEBRA RELATION BETWEEN ρ AND ω MESON INFLUENCE | AFOSR67-0071 |
| FURTHER CONSEQUENCES OF THE QUARK MODEL IN INELASTIC MESON-NUCLEON SCATTERING | AFOSR67-2033 |
| A LIMITATION ON THE USE OF CURRENT ALGEBRA TECHNIQUE FOR MESON DECAYS | AFOSR67-2802 |
| FORMATION OF RESONANT STATES IN NEGATIVE K MESON PLUS PROTON INTO NEGATIVE K MESON PLUS PROTON BETWEEN 0.8 AND 1.2 | AFOSR67-0792 |
| MESON-BARYON | |
| UFB A7 AND SUPERCOMPUTER SIMULATIONS FOR MESON-BARYON SCATTERING | AFOSR67-1704 |
| MESON-NUCLEON | |
| SCALARITIES CONCERNING LARGE-ANGLE MESON-NUCLEON SCATTERING AT HIGH ENERGIES | AFOSR67-1442 |
| MESONIC | |
| FINAL STATE INTERACTION EFFECTS IN NEGATIVE PION MESONIC DECAYS OF LIGHT HYPERNUCLEI | AFOSR68-1256 |
| MESONS | |
| GAUGE INVARIANCE OF VECTOR MESONS | AFOSR67-2276 |
| REMARKS ON GAUGE AND SCALAR MESONS | AFOSR67-1630 |
| REMARKS ON GAUGE AND SCALAR MESONS | AFOSR67-2520 |
| ON THE GAUGE INVARIANCE OF VECTOR MESONS IN THE QUARK MODEL | AFOSR68-2747 |
| ON THE GAUGE INVARIANCE OF VECTOR MESONS IN THE QUARK MODEL | AFOSR67-1408 |
| ON THE GAUGE INVARIANCE OF VECTOR MESONS IN THE QUARK MODEL | AFOSR67-0272 |
| ON THE GAUGE INVARIANCE OF VECTOR MESONS IN THE QUARK MODEL | AFOSR67-2239 |
| ON THE GAUGE INVARIANCE OF VECTOR MESONS IN THE QUARK MODEL | AFOSR67-0583 |
| ON THE GAUGE INVARIANCE OF VECTOR MESONS IN THE QUARK MODEL | AFOSR67-1443 |
| ON THE GAUGE INVARIANCE OF VECTOR MESONS IN THE QUARK MODEL | AFOSR67-2241 |
| MESOPHASE | |
| MONITORING OF THE MESOPHASE | AFOSR68-0550 |
| MESOPHASE | |
| PHYSICAL INVESTIGATION OF THE MESOPHASE IN SILICON | AFOSR68-0085 |
| MESOSPHERE | |
| MESOSPHERE STRUCTURE IN THE ATMOSPHERE IN TERMS OF CLEAR- AIR TURBULENCE VOLUME 1 | AFOSR67-0115 |
| A STUDY IN MESOSPHERE FEATURES OF NUMERICAL MINIMUM WIND FIELDS IN THE LOWER STRATOSPHERE | AFOSR67-0601 |
| MESURABLE | |
| A STUDY IN MESOSPHERE FEATURES OF NUMERICAL MINIMUM WIND FIELDS IN THE LOWER STRATOSPHERE | AFOSR67-2130 |
| METABOLIC | |
| METABOLIC PATHWAYS OF URAPINE AND NORTHERNINE IN RABBIT LIVER IN VITRO | AFOSR68-0804 |
| SYNTHETIC AND PHYSICAL CHARACTERIZATION OF NORTHERNINE METABOLITE | AFOSR67-1606 |
| METABOLISM | |
| METABOLISM OF BENZOPHENONE AND OTHER ARYL KETONE DERIVATIVES FOR 1967 | AFOSR67-0846 |
| METABOLISM OF BENZOPHENONE AND OTHER ARYL KETONE DERIVATIVES FOR 1967 | AFOSR68-0809 |
| METABOLISM OF BENZOPHENONE AND OTHER ARYL KETONE DERIVATIVES FOR 1967 | AFOSR67-2120 |
| METABOLISM OF BENZOPHENONE AND OTHER ARYL KETONE DERIVATIVES FOR 1967 | AFOSR67-2274 |

- THE EFFECT OF PROTRIPTYLINE ON THE METABOLISM OF DOPAMINE AND NORADRENALINE IN HABBIT BRAIN IN VIVO
EFFECT OF VARYING PERIODS OF COLD EXPOSURE ON THE ACTION AND METABOLISM OF MEYORARRITAL
MONOAMINES AND SLURPS II: TECHNICAL ASPECTS AND INTEREST OF THE STUDY OF THE CENTRAL METABOLISM OF MONOAMINES DURING
SYNTHESIS OF ATROPINE LABELED WITH C14 IN THE TROPINE RING AND EFFECT OF COLD ACCLIMATION ON ATROPINE METABOLISM FINAL
AFOSR66-2712
AFOSR67-2106
AFOSR67-2558
AFOSR67-2030
- METABOLITES
- ACID MONOAMINE METABOLITES OF CEREBROSPINAL FLUID IN MENTAL DEPRESSION AND MANIA
ULTRASENSITIVE DETECTION OF CERTAIN MICROBIAL METABOLITES BY GAS CHROMATOGRAPHY
AFOSR67-0867
AFOSR67-2549
- METAGALACTIC
- ON THE DECELERATION OF METAGALACTIC CLOUDS IN THE GALAXY
AFOSR67-1125
- METAL
- METAL MICROANALYSIS BY GAS CHROMATOGRAPHY
METAL ANALYSIS BY GAS CHROMATOGRAPHY USING FLUOROCARBON-CONTAINING BETA-DIKETONATE CHELATES
METAL ANALYSIS BY GAS CHROMATOGRAPHY
THE METAL ION REDUCTION OF TRIS /2,4-PENTANEDIONATO/ COBALT /III/
VOLATILE METAL COMPOUNDS
HALOMETHYL METAL COMPOUNDS IX THE REACTION OF PHENYL BROMODICHLOROMETHYL MERCURY WITH ALCOHOLS
HALOMETHYL METAL COMPOUNDS XIII THE PREPARATION OF GEN-DIFLUOROCYCLOPROPANES BY IODIDE ION INDUCED CF2 TRANSFER FROM
HARE FATH METAL SINGLE CRYSTALS II MAGNETIC PROPERTIES OF THULIUM EUROPIUM SAMARIUM AND YTTERBIUM
REFRACTORY METAL SURFACES
RECOVERY OF METAL VAPOUR
CHEMISTRY OF THE METAL CARBONYLS PART XL CARBONYLATION OF RUTHENIUM TRICHLORIDE
CHEMISTRY OF THE METAL CARBONYLS PART XLIII PERFLUORODIALLYL-RHENIUM AND IRON COMPLEXES
CHEMISTRY OF THE METAL CARBONYLS PART XLV REACTIONS BETWEEN HEXAFLUOROBUTA-1,3-DIENE AND THE PENTACARBONYL HYDRIDES OF
CHEMISTRY OF THE METAL CARBONYLS PART XLVI PERFLUOROMUTADIENYL IRON RUTHENIUM AND MANGANESE COMPLEXES
CHEMISTRY OF THE METAL CARBONYLS PART XLIV REACTIONS OF PENTACARBONYLRHENIUM
CHEMISTRY OF THE METAL CARBONYLS PART XLVIII COMPLEXES OF DEWAR HEXAFLUOROBENZENE
CHEMISTRY OF THE METAL CARBONYLS PART XLIX DICARBONYL-PI-CYCLOPENTADIENYL RUTHENIUM FLUOROCARBON COMPLEXES
THE ADSORPTION OF METAL CHELATE COMPLEXES FROM ORGANIC SOLUTIONS
COLOR ANALYSIS AND METAL DEFICIENCIES IN SOLAR-TYPE DISK-POPULATION STARS
REACTIONS OF ALKALI METAL DERIVATIVES OF METAL CARBONYLS VIII PREPARATION PROTONATION AND ALKYLATION OF SODIUM
TUNNELING BETWEEN A METAL AND SILICON SEPARATED BY A POLYMER INSULATOR
THE FUTURE OF TRACE METAL ANALYSIS BY GAS CHROMATOGRAPHY
GAS CHROMATOGRAPHY OF METAL CHELATES OF HEPTAFLUORODIMETHYLOCTANEDIONE
GAS CHROMATOGRAPHY OF METAL CHELATES
BINDING AND MOBILITY OF METAL ATOMS ON CRYSTAL SURFACES FINAL REPORT JULY 1968
THE DEFECT STRUCTURE OF METAL OXIDES
IONIC DIFFUSION IN SOLID METAL OXIDES FINAL REPORT OCT 1967
OPTICAL PUMPING IN ALKALI METAL VAPORS FINAL REPORT FEB 1968
RAPID AND ULTRA-SENSITIVE METAL ANALYSIS BY NEW GAS CHROMATOGRAPHIC TECHNIQUES
ELECTRON IN BOX THEORY FOR METAL ATOM CLUSTERS
STUDY ON THE HYDROLYSIS OF METAL IONS PART 56. SOLVENT EXTRACTION STUDY OF THE HYDROLYSIS OF ZINC /II/ IN 3 M NaClO AT
STUDY OF KINETICS OF ALKALI METAL DEPOSITION IN NONAQUEOUS SOLUTIONS FINAL REPORT OCT 1968
MECHANICAL BEHAVIOR OF THIN METAL FILMS
SOLVENT EXTRACTION STUDY OF METAL FLUOROACETYLACETONATES
SOLVENT EXTRACTION STUDY OF METAL FLUOROACETYLACETONATES FINAL REPORT NOVEMBER 1968
NONDESTRUCTIVE EVALUATION OF METAL FATIGUE
NONDESTRUCTIVE EVALUATION OF METAL FATIGUE
THERMOGRAVIMETRIC STUDIES OF METAL 8-DIKETONATES
OXYGEN ACTIVITY GRADIENTS IN METAL OXIDES UNDER APPLIED ELECTRIC POTENTIALS AND THEIR INFLUENCE ON TRANSFERENCE NUMBER
STEREOCHEMISTRY OF TRANSITION METAL COMPLEXES
SOLVATION OF EXTRACTED COMPLEX METAL ACIDS III THE HPSUBCL4 DIETHYL ETHER SYSTEM
SOLVATION OF EXTRACTED COMPLEX METAL ACIDS II
SOLVATION OF EXTRACTED COMPLEX METAL ACIDS IV THE MAUCL4-NITROBENZENE SYSTEM
PHYSICO-CHEMICAL MEASUREMENTS OF METAL CHELATES BY GAS-LIQUID PARTITION CHROMATOGRAPHY
A NEW TYPE OF CYCLIC TRANSITION METAL COMPLEX
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS IX SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH PI-CYCLOPENTA-
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS X SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS XI SOME CIS-1,2-ETHYLENEDITHIOLATE DERIVATIVES OF MANGANESE CARBONYL
AUGER ELECTRON SPECTROSCOPY OF FCC METAL SURFACES
CONDENSATION IN A RAPIDLY EXPANDING METAL VAPOR-INERT GAS MIXTURE FINAL REPORT APRIL 1967
STEREOCHEMICAL CHANGES IN TRANSITION METAL COMPLEXES
APPLICATION OF GAS CHROMATOGRAPHY TO METAL ANALYSES
SCREENING OF A FIXED CHARGE IN BISMUTH METAL
SOLVENT EXTRACTION OF VOLATILE DIVALENT METAL FLUORO-RATA- DIKETONATES
REACTIONS OF ALKALI METAL DERIVATIVES OF METAL CARBONYLS VIII PREPARATION PROTONATION AND ALKYLATION OF SODIUM
ELECTROCHEMICAL MASKING WITH AN ADSORBED METAL COMPLEX DETECTION OF SILVER- - MERCURY MIXTURES
SUPERCONDUCTING PROPERTIES OF TRANSITION METAL CARBIDES & NITRIDES FINAL REPORT FEB 1968
GRAVITATION-INDUCED ELECTRIC FIELD NEAR A METAL
MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS I METAL CARBONYL COMPLEXES OF TRIS /DIMETHYLAMINO/ PHOSPHINE
APPROXIMATE FORCE CONSTANTS FOR TETRAHEDRAL METAL CARBONYLS AND NITROGEN
VAPOR-PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS
VAPOR-PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS
THE THERMOPOWER OF ALUMINUM WITH TRANSITION METAL IMPURITIES
SYMMETRY OF GROUND STATE IN A DILUTE MAGNETIC METAL ALLOY
FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS AND WHISKERS FINAL REPORT MAR 1967
FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS FINAL REPORT SEPT 1968
COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES IV METAL CARBONYL COMPLEXES OF CIS-BIS-1,2-DIPHENYLPHOSPHINO/ ETHYLENE
A CRITICAL REVIEW OF THE GAS CHROMATOGRAPHY OF METAL CHELATES
THEORY OF THE DAMPING OF ALFVEN WAVES IN BISMUTH METAL
GROWTH OF SAMARIUM EUROPIUM THULIUM AND YTTERBIUM METAL BY VAPOR DEPOSITION
COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES III METAL CARBONYL COMPLEXES OF 9-PHENYL-9-PHOSPHARICYCLO /4,2,1/
THE THERMAL DECOMPOSITION OF ORGANOMETALLIC HEAVY METAL TRIHALOACETATES IN THE PRESENCE OF OLEFINS
ELECTROLYTIC GROWTH AND PREPARATIONS OF TRANSITION METAL COMPOUND SINGLE CRYSTALS
SUPERCONDUCTIVE CURRENT IN A SUPERCONDUCTOR-NORMAL METAL SUPERCONDUCTOR JUNCTION
MULTIDENTATE LIGAND KINETICS & EXCHANGE REACTIONS OF METAL /II/-CYCLOHEXYLENEDIANINETETRAACETATE COMPLEXES
RESEARCH ON STRIPE DOMAIN STRUCTURES IN FERROMAGNETIC METAL FILMS FINAL REPORT JAN 1967
SCATTERING OF ELECTROMAGNETIC WAVES BY A SEMI-INFINITE METAL PLATE IN ANISOTROPIC PLASMA
USE OF MICROBALANCE FOR DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES
JPM-SHELL MARTREE-COCK MOLECULAR ORBITAL THEORY OF TRANSITION METAL ION COMPLEXES /KNFSUB3/ POTASSIUM NICKEL FLUORIDE
FACTORS AFFECTING THE INITIAL PLASTIC BEHAVIOR OF CLOSE PACKED METAL SINGLE CRYSTALS FINAL REPORT APRIL 1968
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS X SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH
GAS CHROMATOGRAPHY AND NUCLEAR MAGNETIC RESONANCE STUDIES OF SOME METAL CHELATES
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS IX SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH PI-CYCLOPENTA-
USE OF A MICROTHERMOBALANCE IN DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES
THERMOGRAVIMETRIC ANALYSES AND VAPOR PHASE SEPARATIONS OF VOLATILE METAL COMPLEXES
ELECTRONIC STRUCTURE OF THE MANGANATE CHROMATE VANADATE ION FROM THE METAL POTASSIUM X-RAY SPECTRA
SUPERCONDUCTING CRITICAL TEMPERATURES OF NONSTOICHIOMETRIC TRANSITION METAL CARBIDES AND NITRIDES
SPIN POLARIZATION AROUND A LOCALIZED MAGNETIC IMPURITY IN A MAGNETIZED METAL
MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS III ORGANOSULFUR DERIVATIVES OF METAL CARBONYLS
HIGH TEMPERATURE ACID-BASE REACTIONS-II METHYL-AMMONIUM CHLORIDE WITH CERTAIN METAL OXIDES

ARL 68-1044
ARL 68-1075
ARL 68-1094
ARL 67-0077
ARL 68-1009
AFOSR67-0201
AFOSR67-2680
AFOSR68-1010
ARL 67-1130
ARL 67-1191
AFOSR67-2287
AFOSR68-0889
AFOSR68-1333
AFOSR68-1335
AFOSR68-1336
AFOSR68-2140
AFOSR68-2814
ARL 67-1017
AFOSR67-0034
AFOSR67-0802
AFOSR67-0807
ARL 68-1043
ARL 67-1122
ARL 68-1178
AFOSR68-1645
ARL 67-1160
AFOSR67-2633
AFOSR68-1768
ARL 67-1123
AFOSR67-0789
AFOSR67-1307
AFOSR68-0560
AFOSR68-1999
ARL 67-0905
ARL 68-0193
AFOSR67-1286
AFOSR68-1162
ARL 67-0214
ARL 68-1155
ARL 68-1079
AFOSR67-1140
AFOSR67-2713
AFOSR68-1781
ARL 68-0034
AFOSR67-0724
AFOSR67-0900
AFOSR68-0691
AFOSR68-1711
AFOSR68-1805
ARL 67-0071
ARL 67-1172
ARL 68-1008
AFOSR68-0564
ARL 68-1488
AFOSR67-0602
AFOSR68-0211
AFOSR68-0265
AFOSR67-0576
AFOSR68-1712
AFOSR67-0233
ARL 67-1161
ARL 67-1192
AFOSR68-0054
AFOSR68-0584
AFOSR67-0107
AFOSR68-0814
AFOSR68-1700
ARL 68-1064
AFOSR68-0591
AFOSR67-0492
AFOSR68-0693
AFOSR68-1911
AFML 67-0230
AFOSR68-0871
AFOSR67-0713
AFOSR67-0219
AFOSR67-0291
ARL 68-1144
AFOSR67-1433
AFOSR68-1100
AFOSR68-0691
ARL 67-1121
AFOSR67-0990
ARL 67-0160
ARL 68-1050
AFOSR67-0493
AFOSR67-0102
AFOSR68-0580
AFOSR68-1710
AFOSR67-1900

THE DIFFERENTIATION BETWEEN UNIDENTATE AND BIDENTATE LIGANDS WHICH DONATE THREE ELECTRONS TO A METAL ATOM
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS II
ELECTRIC ARC ATTACHMENT, HEAT TRANSFER, AND ELECTRODE EROSION OF HIGH CURRENT ARCS DRIVEN MAGNETICALLY OVER METAL
AFOSR67-0861
AFOSR67-2728
AFOSR68-0506
ARL 68-1022

METAL-COATED

DEPOSIT ILCOM NITRIDE ON METAL-COATED SUBSTRATES
AFOSR67-1567

METAL-METAL

THE METAL-METAL BOND DISSOCIATION ENERGY IN COBALT OCTACARBONYL
THE METAL-METAL BOND DISSOCIATION ENERGY IN MANGANESE CARBONYL
AN ASSESSMENT OF THE INFLUENCE OF A METAL-METAL BOND ON THE MOLECULAR GEOMETRY OF AN ORGANOMETALLIC LIGAND-BRIDGED
AFOSR67-1463
AFOSR67-1664
AFOSR67-0740

METAL-VACUUM

THE USE OF PRECISE SCHOTTKY DATA IN THE ANALYSIS OF THE METAL-VACUUM SURFACE BARRIER FOR THERMIONIC EMITTERS I-
AFOSR67-0189

METALLIC

ABUNDANCE OF METALLIC ATOMS IN THE ATMOSPHERE
DIFFUSION OF METALLIC IONS IN METALLIC OXIDES
HIGH-PRESSURE METALLIC POLYMORPH OF CADMIUM ARSENIDE
SELF-DIFFUSION ON NEARLY PURE METALLIC SURFACES
DIFFUSION OF METALLIC IONS IN METALLIC OXIDES
STUDIES CONCERNING HYDROLYSIS OF METALLIC IONS SS. VANADIUM /III/ IN 3 MOLAR KCL MEDIUM/
HEAT TREATMENT EFFECTS ON SOME PHYSICAL PROPERTIES OF METALLIC SINGLE CRYSTALS
DIRECT AND CORE-POLARIZATION CONTRIBUTIONS TO THE KNIGHT SHIFT IN METALLIC ALUMINUM
ANALYSIS OF THE LEONARD AND RAMEY METHOD OF DETERMINING THE THICKNESS OF THIN METALLIC FILMS
EXPERIMENTAL INVESTIGATION OF THE MODIFICATION OF THE BACKSCATTERING CROSS SECTIONS OF METALLIC OBJECTS
AFOSR68-0121
ARL 67-1154
AFOSR68-1306
AFOSR67-0064
ARL 67-1154
AFOSR67-1294
AFOSR68-1718
AFOSR67-0427
AFOSR68-0936
AFOSR68-0848

METALLOGENES

THE CHEMISTRY OF METALLOGENES I CARBONIUM ION STABILIZATION BY THE FERROCENYL GROUP
CARBON-METAL HYPERCONJUGATION IN METALLOGENES HYDROGEN EXCHANGE IN PHENYLFERROCENE
AFOSR67-1514
AFOSR68-0432

METALLOGRAPHIC

THE METALLOGRAPHIC STRUCTURE OF CONTINUOUS VAPOR DEPOSITED S/C FILAMENTS
ARL 68-0164

METALLURGY

METALLURGY AND CERAMICS RESEARCH LABORATORY
ARL 68-1336

METALS

METALS IN NON-METALLIC SOLVENTS FINAL REPORT JAN 1968
ORGANIC METALS THE ELECTRICAL CONDUCTANCE OF ORGANIC SOLIDS
VAPOR-PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS
VAPOR PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS
DETERMINATION OF TRACE METALS USING COORDINATION CHAIN REACTIONS WITH MASKING AGENTS AND WITH AUTOMATED RATE
WAVES IN FERROMAGNETIC METALS FINAL REPORT MAY 1968
SELF-DIFFUSION IN LIQUID METALS
POSITRON ANNIHILATION IN METALS FINAL REPORT FEB 1968
TEXTURING IN COLD ROLLED METALS
ELECTROCHEMICAL BEHAVIOR OF METALS AS STIMULUS ELECTRODES
FUNDAMENTALS OF MAGNETISM IN METALS
SOLID STATE STUDIES OF ALKALI METALS IN TRANSITION-METAL OXIDES
PROPERTIES OF SOLID SOLUTIONS IN METALS FINAL REPORT MARCH 1968
TRANSPORT PHENOMENA IN THE SIMPLE METALS
ELECTRON INTERACTION IN RARE-EARTH METALS
RESEARCH ON THE PREPARATION OF PURE METALS FINAL REPORT FEB 1968
INNER DISPLACEMENTS OF STRAINED HCP METALS
CRYSTAL GROWTH STUDIES OF THE ALKALI METALS THE RARE EARTHS AND COBALT FINAL REPORT AUG 1967
PARAMAGNETIC RESONANCE IN RARE EARTH METALS FINAL REPORT JUNE 1967
A COMMENT ON SELF-DIFFUSION IN LIQUID METALS
A COMMENT ON SELF-DIFFUSION IN LIQUID METALS
FORMATION OF LOCAL MAGNETIC MOMENTS IN METALS
NEW OXYFLUORIDE PHASES OF THE RARE-EARTH METALS AND YTTRIUM
SHEAR STRENGTH OF TWELVE GROSSLY DEFORMED METALS AT HIGH PRESSURES AND TEMPERATURES
ANOMALY IN SPIN-WAVE SPECTRUM OF MAGNETIC METALS
SOME EXPERIMENTAL ASPECTS OF DIFFUSION IN METALS
POLYFLUOROACETONE COMPLEXES OF TRANSITION METALS
ENERGY SPECTRA OF SECONDARY ELECTRONS FROM METALS
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XV NEW OLEFINIC AND ACETYLENIC DERIVATIVES OF TUNGSTEN
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVI POLYNUCLEAR CYCLOPENTADIENYLMETAL CARBONYLS OF IRON AND COBALT
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVII CYCLOPENTADIENYLVANADIUM DIACETATE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVIII SOME NEW CYCLOPENTADIENYLMETAL NITROSYL DERIVATIVES OF
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XIX SOME REACTIONS OF ACETONITRILE DERIVATIVES OF MOLYBDENUM AND
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XXI SOME PI-PENTAMETHYLCYCLOPENTADIENYL DERIVATIVES OF VARIOUS
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XXII THE SYNTHESIS OF UNUSUAL CYCLOPENTADIENYLMOLYBDENUM NITROSYL
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS TX ENERGY TRANSFER IN COLLISIONS BETWEEN SODIUM AND INERT GAS ATOMS
MODIFIED INTERIOMIC POTENTIAL FOR THE ALKALI METALS
SPIN WAVES DISPERSION AND ENERGY BANDS IN FCC METALS
FIELD DEPENDENCE OF THE KNIGHT SHIFT IN SIMPLE METALS
CIRCULARLY POLARIZED ULTRASONIC SHEAR WAVES IN METALS
QUANTUM STRUCTURE IN THE DIELECTRIC FUNCTION OF METALS AND ANOMALOUS PROPAGATION MODES
PHOSPHORUS COORDINATION COMPOUNDS OF TRANSITION METALS FINAL REPORT JAN 1967
QUANTITATIVE ANALYSIS FOR ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY
THE MECHANICS OF REPEATED DISCONTINUOUS YIELDING OF METALS
THE MECHANICS OF REPEATED DISCONTINUOUS YIELDING OF METALS
THE PROBLEM OF SCATTERING BY MAGNETIC IMPURITIES IN METALS
QUESTION OF SINGLE STATES OF PARAMAGNETIC IMPURITIES IN METALS
INVESTIGATION OF THE ULTRASONIC ATTENUATION IN IRRADIATED METALS FINAL REPORT JUNE 1967
EXCHANGE COUPLING AND CONDUCTION-ELECTRON POLARIZATION IN METALS
THE SHIFT OF SOME OF THE EMISSION LINES OF IRON AND OTHER METALS /CR NI CA CU AND AL/ PRODUCED BY ARGON AND HELIUM
FIELD EMISSION STUDIES OF THE SURFACE MIGRATION OF REFRACTORY METALS FINAL REPORT OCT 1967
HEXACYCLE AND KILONEGACYCLE ULTRASONIC ATTENUATION STUDIES IN METALS FINAL REPORT MARCH 1968
INVESTIGATION OF ELECTRON AND NUCLEAR SPIN-PHONON INTERACTIONS IN METALS AND SEMICONDUCTORS FINAL REPORT DEC 1967
RESEARCH ON THE STABILITY OF THE BODY-CENTERED-CUBIC STRUCTURE IN METALS AND ALLOYS FINAL REPORT AUG 1968
CALORIMETRIC INVESTIGATION OF HYPERFINE INTERACTIONS IN RARE-EARTH METALS
TRENDS IN CHEMISORBED STRUCTURES ON /110/ SURFACES OF FCC REFRACTORY METALS
NEW APPROXIMATION FOR SCREENED EXCHANGE AND THE DIELECTRIC CONSTANT OF METALS
SELF-CONSISTENT APPROXIMATION FOR THE RESONANT RESPONSE OF MAGNETIC IONS IN METALS
SURFACE ASYMMETRY MECHANISM FOR FRACTIONAL ORDER PEAKS OBSERVED IN LEED BEAMS FROM METALS
AFOSR68-0842
AFOSR68-1752
ARL 67-1161
ARL 67-1162
AFOSR67-2653
AFOSR68-1324
AFOSR68-0058
AFOSR67-0318
ARL 68-1164
AFOSR67-1117
AFOSR67-0930
AFOSR67-2739
AFOSR68-0884
AFOSR67-2131
AFOSR68-1457
AFOSR68-0151
AFOSR68-0874
AFOSR67-1692
AFOSR67-1961
AFOSR68-0047
AFOSR68-0584
AFOSR68-0425
AFOSR68-2143
AFOSR67-0475
AFOSR67-0108
AFOSR67-1235
AFOSR68-0801
AFOSR67-0651
AFOSR67-0598
AFOSR67-0599
AFOSR67-0600
AFOSR67-0603
AFOSR67-1573
AFOSR67-1601
AFOSR68-0692
AFOSR67-2284
AFOSR68-0702
AFOSR68-0965
AFOSR67-0083
AFOSR68-0657
AFOSR68-1788
AFOSR67-0417
ARL 68-1438
AFOSR67-1159
AFOSR68-0626
AFOSR68-1688
AFOSR67-1057
AFOSR67-0360
AFOSR67-0506
AFOSR67-2286
AFOSR67-2404
AFOSR68-0739
AFOSR68-0262
AFOSR68-1982
AFOSR68-1470
ARL 67-1129
AFOSR67-2425
AFOSR68-0373
AFOSR67-2318

METALS

- CONTINUED

OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND /OPTICAL AND ELECTRICAL PROPERTIES OF NON METALS/ FINAL REPORT FEB 1967
 ENHANCED EFFECTIVE EXCHANGE INTERACTION DUE TO LOCALIZED SPINS IN DILUTE ALLOYS AND RARE EARTH METALS
 AFCL67-0322
 AFOSR68-1023

METAMAGNETISM

METAMAGNETISM IN EUROPIUM OXIDE
 AFOSR68-1473

METASTABILITY

STRAIN ENERGY AND METASTABILITY OF 3-DIMENSIONAL DISLOCATION ARRAYS FINAL REPORT AUG 1968
 AFOSR68-2808

METASTABLE

METASTABLE HELIUM IN THE UPPER ATMOSPHERE
 METASTABLE SURFACE STRUCTURE OF THE W/110/ FACE
 METASTABLE TRANSITIONS IN MASS SPECTROMETRY
 THE METASTABLE SOLID-LIQUID PHASE BOUNDARY
 THE PHYSICS OF METASTABLE SYSTEMS FINAL REPORT MAY 1967
 VELOCITY DISTRIBUTION OF METASTABLE H ATOMS PRODUCED BY DISSOCIATIVE EXCITATION OF H SUB 2
 ENERGY CALCULATION OF THE METASTABLE STATE OF HELIUM ION AND LITHIUM
 DISCONTINUOUS YIELDING OF METASTABLE AUSTENITIC STAINLESS STEEL
 PLASMA CAPTURE INTO THE METASTABLE PS STATE IN COLLISIONS OF PROTONS WITH HYDROGEN ATOMS
 THE RADIAL PROFILE OF NPH IS METASTABLE IN A HE-NE LASER AND THEIR LENS EFFECT ON LASING AT 6401A
 REACTIONS OF CARBON VAPOR IN REACTIONS OF METASTABLE CARBON ATOMS /SUPER 1 S/ WITH OLEFINS SUPER 1.2
 AFCL67-0678
 AFOSR68-1444
 ARL 67-1167
 AFOSR68-1501
 AFOSR67-1908
 AFOSR67-2376
 AFOSR67-1304
 AFOSR67-2710
 AFOSR68-2242
 ARL 68-1444
 AFOSR68-2900

METATYRANINE

STUDIES ON THE TACHYPHYLAXIS TO ALPHA-METHYL METATYRANINE WITH SPECIAL REFERENCE TO ITS CENTRAL STIMULATING ACTION
 AFOSR68-2711

METATYROSINE

METATYROSINE AS A TOOL FOR SELECTIVE PROTECTION OF CATECHOLAMINE STORES AGAINST RESERPINE
 AFOSR68-2710

METALLOCENES

MECHANISMS OF ELECTROPHILIC SUBSTITUTION IN METALLOCENES THE INSIDE-OUTSIDE RELATIONSHIP
 AFOSR68-0433

METFOR

AN INTEGRATED METEOR RADAR SYSTEM FOR WIND AND DENSITY MEASUREMENTS IN THE UPPER ATMOSPHERE FINAL REPORT MAY 1967
 HEIGHT DETERMINATION OF RADAR PCHOPS FROM METEOR TRAILS
 PRINCIPLES OF THE WORKSHOP ON METHODS OF OBTAINING WINDS AND DENSITIES FROM RADAR METEOR TRAIL RETURNS
 AFCL67-0347
 AFCL67-0108
 AFCL68-0228

METEORITES

DETERMINATION OF TRACE ELEMENTS IN STONE METEORITES BY ACTIVATION ANALYSIS /GERMAN/
 RESEARCH DIRECTED TOWARD THE ELECTRON MICROANALYSIS OF MINERAL PHASES IN CHONDRITE METEORITES FINAL REPORT SEPT 1967
 INVESTIGATION OF THE LIGHT SCATTERING TECHNIQUE FOR COUNTING AND SIZE DETERMINATION OF MICRON-SIZED METEORITES FINAL
 AFOSR68-1999
 AFCL67-0599
 AFCL67-0620

METEORITIC

LABORATORY SIMULATION OF LUNAR LUMINESCENCE WITH SPECIAL REFERENCE TO METEORITIC MATERIAL FINAL REPORT DEC 1967
 AFCL68-0235

METEOROLOGICAL

METEOROLOGICAL PROBE PWN-88 QUALIFICATION PROGRAM FINAL REPORT FEB 1968
 AN ADVANCED METEOROLOGICAL SOUNDING SYSTEM PHASE II /PROOF-OF-CONCEPT/
 A DIGITAL AIRBORNE METEOROLOGICAL DATA COLLECTION SYSTEM
 RESEARCH STUDIES AND INVESTIGATION OF METEOROLOGICAL PHENOMENA FINAL REPORT APR 1968
 DESIGN DEVELOPMENT AND FLIGHT TEST OF THE VIPER DART ROBIN METEOROLOGICAL ROCKET SYSTEM FINAL REPORT JUNE 1968
 AFCL68-0132
 AFCL67-0268
 AFCL67-0420
 AFCL68-0682
 AFCL68-0618

METEOROLOGY

FURTHER STUDIES OF STATISTICAL METEOROLOGY FINAL REPORT JUNE 1967
 AFCL67-0677

METER

LASER DOPPLER FLOW METER
 A STUDY OF TURBULENCE AT A WALL USING AN ELECTROCHEMICAL WALL SHEAR-STRESS METER
 ARL 68-1134
 AFOSR67-0476

METHANE

REACTIONS OF METHANE IN SLOWLY REACTING HYDROGEN-OXYGEN MIXTURES
 PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE EXPERIMENTAL
 PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE THEORY
 LINE PARAMETERS OF THE INFRARED METHANE BANDS
 PRESSURE BROADENING AND SHIFT OF METHANE PERTURBED BY NOBLE GASES
 CONSECUTIVE ION-MOLECULE REACTIONS IN METHANE INVESTIGATED BY MEANS OF POSITIVE ION-IMPACT
 INTEGRATED INTENSITY OF 3.3 MICRONS BAND OF METHANE
 CHEMISTRY OF POSITIVE IONS VI POSITIVE-ION CHEMISTRY IN SOLID METHANE
 AFOSR68-2137
 AFOSR68-1583
 AFOSR68-1584
 AFCL68-0521
 AFCL68-0421
 AFCL67-0259
 AFOSR68-0145
 AFOSR67-1232

METHANE-GROWN

MICROBIAL GROWTH ON C1 COMPOUNDS UPTAKE OF /14SUBC/ FORMALDEHYDE AND /14SUBC/ FORMATE BY METHANE-GROWN PSEUDOMONAS
 AFOSR67-1034

METHANOL

SOLVENT ISOTOPE EFFECTS FOR TRIDEUTEROMETHANOL VS METHANOL FINAL REPORT NOV 1967
 AFOSR67-2701

METHOD

METHOD OF DETECTING SMALL ANGLES OF MICROWAVE PARADAY ROTATION
 METHOD FOR PRODUCTION OF BLAZED OPTICAL DIFFRACTION GRATINGS FROM SINGLE CRYSTAL MATERIALS
 METHOD FOR SOLVING THE KORTWEG-DEVIRES EQUATION
 METHOD OF CREATING A CONTROLLED NUCLEAR FUSION REACTION
 A METHOD FOR FITTING LINEARLY ARGUMENTED MULTI-LAYER ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER BOUNDARY
 A METHOD OF OBTAINING THE IMPEDANCE OF AN ANTENNA IN A DISSIPATIVE MEDIUM FROM THAT IN AIR
 A METHOD FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA
 A METHOD FOR THE SOLUTION OF STOCHASTIC PROBLEMS IN LINEAR THERMOELASTICITY AND HEAT CONDUCTION
 A METHOD FOR THE COMPUTATION OF THE GREATEST ROOT OF A NONNEGATIVE MATRIX
 A METHOD FOR RESTRICTING STIMULI TO THE FRONTAL OR LATRAL VISUAL FIELD OF EACH EYE SEPARATELY IN PIGEON
 A METHOD FOR DETERMINING CATALYTIC EFFICIENCY OF SURFACES
 A METHOD FOR THE DESIGN OF STABLE NONLINEAR FEEDBACK SYSTEMS
 A METHOD FOR TESTING AND IMPROVING MOLECULAR CONSTANTS OF DIATOMIC MOLECULES WITH SPECIAL REFERENCE TO BORONINE
 A METHOD FOR THE ANALYSIS OF PULSE HEIGHT SPECTRA
 A METHOD OF DETERMINING ANGULAR MOMENTA OF NUCLEAR EXCITED STATES
 AFOSR67-0374
 AFOSR68-0333
 AFOSR68-1021
 ARL 67-1199
 AFCL67-0198
 AFCL68-0049
 AFCL68-0195
 AFOSR67-0279
 AFOSR67-0884
 AFOSR67-2112
 AFOSR67-2246
 AFOSR68-0624
 AFOSR68-0667
 ARL 67-0045
 ARL 67-1248

THE METHOD OF WEIGHTED RESIDUALS-A REVIEW
 THE METHOD OF CALCULATION TABLES OF AMPLIFICATION AND AMPLITUDE OF THE MOVEMENTS OF THE EARTH IN CUALQUIER SEISMOGRAPH
 THE METHOD OF ELEMENTARY SOLUTIONS FOR KINETIC MODELS WITH VELOCITY DEPENDENT COLLISION FREQUENCY
 THE METHOD FOR ABUNDANCE ANALYSIS PART III. ON THE CURVE OF-GROWTH METHOD
 THE METHOD OF ADAPTIVELY CONTROLLED PSYCHOLOGICAL LEARNING EXPERIMENTS
 NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES, PART II. ASYMMETRICAL SOURCES.
 NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES PART I CIRCULARLY SYMMETRIC LIGHT
 NEW METHOD FOR TURBULENT SHEAR FLOWS
 A NEW METHOD OF COMPARING THE PERFORMANCE OF NEUTRON MONITORS
 A NEW METHOD FOR THE SYNTHESIS OF RADICAL CATIONS OF AROMATIC HYDROCARBONS
 A NEW METHOD OF ESTIMATING THE WEIBULL SHAPE PARAMETER
 A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENT OR CONDUCTIVITY GLOW CURVES/
 D P W METHOD OF CALCULATING ENERGY BANDS FOR SEMI-CONDUCTORS
 A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENCE OR CONDUCTIVITY GLOW CURVES
 ON THE METHOD OF DASHEN AND TELL-HANN
 MOMENT METHOD APPROXIMATION FOR THE VISCOSITY OF SIMPLE LIQUIDS APPLICATION TO ARGON
 SIMPLE METHOD FOR MAKING SULFUR TARGETS
 ON THE METHOD OF INTEGRAL RELATIONS
 A SIMPLE METHOD FOR CALCULATING VAN DER WAALS INTERACTIONS
 A SIMPLE METHOD FOR MEASURING ELECTRON DENSITY IN A PLASMA
 DAVIDOV'S METHOD IN HILBERT SPACE
 TESTS OF A METHOD FOR MAKING GENETIC TESTS BY OBSERVING A SATELLITE OPTICAL BEACON
 VON ZIPPEL METHOD AND THE TWO-VARIABLE EXPANSION PROCEDURE
 A LIAPUNOV METHOD FOR THE ESTIMATION OF STATISTICAL AVERAGES
 ON HUBERT'S METHOD
 A SHORT-CUT METHOD OF COMPUTING THE BRUNE AND BOIT-DUFFIN CIRCUIT REALIZATIONS OF POSITIVE REAL $2l$ -ORDER IMMITTANCE
 A SPHERICAL METHOD FOR MULTI-PORTION PROCESSES
 AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
 AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
 VECTOR POLAR METHOD FOR THE ANALYSIS OF WAVE INTERSECTIONS
 A PROJECTION METHOD FOR SIGNAL DETECTION IN COLORED GAUSSIAN NOISE
 A STATISTICAL METHOD FOR EVALUATION OF LIMITING DETECTABLE SAMPLE CONCENTRATIONS
 THE PEAK GAIN METHOD FOR DETERMINING PROPAGATION CHARACTERISTICS OF INSTABILITIES
 AN ALGORITHMIC METHOD FOR ORGANIZING CHECKING EXPERIMENTS
 AN EXPERIMENTAL METHOD FOR PROSODIC ANALYSIS
 AN EXPERIMENTAL METHOD FOR THE STUDY OF INTERACTIONS BETWEEN DETONATION WAVES AND MAGNETIC FIELDS
 LIAPUNOV'S SECOND METHOD
 ON A PHOTOMETRIC METHOD FOR CONCENTRATION DETERMINATIONS
 A FOURIER SERIES METHOD FOR MEROMORPHIC AND ENTIRE FUNCTIONS
 THE LAX-HENNINGOFF METHOD APPLIED TO AXIAL SYMMETRIC SWIRL FLOW
 APPLICATIONS OF A METHOD FOR ON LINE ESTIMATION AND CONTROL
 ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING FLAT PLATE IN A
 LORENZ-INVARIANT METHOD OF GRAVITATIONAL PERTURBATION
 APPLICATION OF THE METHOD OF PARAMETRIC DIFFERENTIATION TO RADIATION GASDYNAMICS
 A PULSE EXCITATION METHOD OF DETERMINING NANOSECOND FLUORESCENT LIFETIMES
 AN EXTENSION OF THE METHOD OF AVERAGING
 A FINITE-DIFFERENCE METHOD FOR DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS
 SOME ASPECTS OF THE METHOD OF INTEGRAL RELATIONS
 ON THE CURVE-OF-GROWTH METHOD
 AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS USING THE TURBULENT KINETIC ENERGY EQUATION
 ON THE GKD MULTIMOMENT METHOD FOR LAMINAR BOUNDARY LAYERS
 THE APPLICATION OF THE METHOD OF STEEPEST DESCENT TO A PURSUIT EVASION PROBLEM
 SPIN DEGENERACY IN THE APO METHOD EXCITED STATES OF THE BENZENE MOLECULE
 ON A CONVERGENT MULTI-MOMENT METHOD FOR THE LAMINAR BOUNDARY LAYER EQUATIONS
 ROLE OF THE INTEGRAL OPERATOR METHOD IN THE THEORY OF POTENTIAL SCATTERING
 A STUDY OF X-RAY FLUORESCENCE METHOD WITH VACUUM AND AIR- PATH SPECTROGRAPHS FOR THE DETERMINATION OF FILM THICKNESSES
 THE SPIN POLARIZED HARTREE-FOCK METHOD AND THE CONTRIBUTION OF CORE POLARIZATION TO HYPERFINE FIELDS OF $4d$ IONS
 AN EXTENSION OF THE KANTOROVICH METHOD
 AN EXTENSION OF THE KANTOROVICH METHOD
 ON THE GKD MULTIMOMENT INTEGRAL METHOD
 RELATIVISTIC FORMULATION OF THE METHOD OF ORTHOGONALIZED PLANE WAVES
 A UNIFORM TREATMENT OF DARBOUX'S METHOD
 THE CONVERGENCE OF FINITE ELEMENT METHOD IN SOLVING LINEAR ELASTIC PROBLEMS
 ANALYSIS OF THE LEONARD AND RAMEY METHOD OF DETERMINING THE THICKNESS OF THIN METALLIC FILMS
 EXTENSION OF THE CONTOUR-DISTORTION METHOD IN RELATIVISTIC THREE-PARTICLE SCATTERING
 THE DIFFERENCE FOURIER-TRANSFORM /DFT/ METHOD FOR DIRECT CRYSTAL-STRUCTURE DETERMINATION
 SOME CRITICAL REMARKS ON A NEW NUMERICAL METHOD FOR SIMULATION OF DYNAMICAL SYSTEMS
 REVALIS IN LABORATORY SIMULATION WITH OR METHOD
 APPLICATION OF A TEMPERATURE-OSCILLATION METHOD TO THERMOMAGNETIC STUDIES OF MAGNETIC PHENOMENA AT LOW TEMPERATURES
 AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO THE STRESS ANALYSIS OF A CLAMPED RECTANGULAR PLATE
 AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO EIGENVALUE PROBLEMS
 AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO TWO DUCT FLOW
 ON THE CHOICE OF SPIN FUNCTIONS IN THE APO METHOD
 FURTHER APPLICATIONS OF THE CHEMILUMINESCENT METHOD FOR THE MEASUREMENT OF ATMOSPHERIC OZONE FINAL REPORT JAN 1967
 ACCURACY AND SENSITIVITY OF THE THERMAL LENS METHOD FOR MEASURING ABSORPTION
 A DECISION PROCEDURE BASED ON THE RESOLUTION METHOD
 VECTOR AND SPINOR CURRENT ALGEBRA AND THE W_0 METHOD
 PRECISE DETERMINATION OF GEODETIC POSITIONS BY THE METHOD OF CONTINUOUS TRACES FINAL REPORT
 RAPIDLY ROTATING STARS I THE SELF-CONSISTENT-FIELD METHOD
 ON THE USE OF IMPLICIT UNKNOWN IN THE LEAST SQUARE METHOD
 PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY
 PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY
 A STUDY OF $11-vi$ COMPOUNDS BY THE DIVERGENT BEAM X-RAY METHOD
 DECODING OF BOSE-CHAUDHURI-HOCQUENGHEM CODES AND PRONY'S METHOD FOR CURVE FITTING
 TRANSIENT STABILITY OF AN A C GENERATOR BY LYAPUNOV'S DIRECT METHOD
 THE INVESTIGATION OF SILICON CARBIDE BY A TRAVELLING SOLVENT METHOD FINAL REPORT APR 1967
 ON NUMERICAL RESULTS OF A ONE-DIMENSIONAL UNSTEADY VARIATIONAL METHOD IN HGD
 DETERMINATION OF STICKNESS AND COMPOSITION OF THIN FILMS BY THE METHOD OF X-RAY FLUORESCENCE
 UNDERSTANDING PENETRATIONS OF THE TROPICUS A CLIMATOLOGY AND A METHOD OF ESTIMATION FINAL REPORT AUG 1967
 INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/
 INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/
 INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/
 INTERMOLECULAR POTENTIAL ENERGIES BY A MOLECULAR RAY SCATTERING METHOD
 A VARIATIONAL PRINCIPLE AND THE CONVERGENCE OF A FINITE- ELEMENT METHOD BASED ON ASSUMED STRESS DISTRIBUTION
 PROOF PROCEDURES AND DECISION PROCEDURES BASED ON THE RESOLUTION METHOD FINAL REPORT AUG 1968
 AN APPROXIMATE SOLUTION OF THE BOUNDARY LAYER EQUATIONS USING THE METHOD OF PARAMETRIC DIFFERENTIATION
 THE METHOD FOR ABUNDANCE ANALYSIS PART III. ON THE CURVE-OF-GROWTH METHOD
 INVESTIGATION OF PRECURSOR DECAY IN IRON BY THE ARTIFICIAL VISCOSITY METHOD
 ELECTRONIC STRUCTURE OF $11-vi$ AND $11-v$ COMPOUNDS AS CALCULATED BY THE OPA METHOD
 CONFORMATIONAL ANALYSIS XIII THE VALIDITY OF THE NUCLEAR MAGNETIC RESONANCE METHOD OF ESTABLISHING CONFORMATIONAL
 CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED FERRIC OXIDE BY THE FLUX METHOD AND SEGREGATION STUDIES OF IRON
 ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
 ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
 SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER BY THE GKD MULTIMOMENT METHOD. FINAL REPORT MAR 19
 THE VAPOR PRESSURE VAPOR DIMERIZATION AND HEAT OF SUBLIMATION OF ALUMINUM FLUORIDE USING THE ENTRAINMENT METHOD
 THE PREPARATION OF 1 2 AND 1 3 CIS DIMALDIPROPANEDIAMINE CHROMIUM HALIDE COMPLEXES BY THE THERMAL MATRIX METHOD

AFOSR67-0064
 AFOSR67-0558
 AFOSR67-0491
 AFOSR67-1149
 AFOSR68-1782
 ARL 67-0035
 ARL 67-0038
 ARL 67-1880
 AFCLRL67-0213
 AFOSR68-0398
 ARL 68-0076
 ARL 68-1017
 ARL 68-1090
 ARL 68-1173
 AFOSR67-1381
 AFOSR68-2214
 ARL 67-0024
 ARL 67-0108
 AFCLRL68-0925
 AFOSR67-1087
 AFOSR68-2112
 AFCLRL67-0074
 AFOSR67-0782
 AFOSR67-0997
 AFOSR68-0200
 AFCLRL67-0136
 AFOSR68-0272
 ARL 68-0047
 ARL 68-0189
 AFOSR67-0850
 AFOSR68-0183
 AFOSR68-1338
 ARL 68-1475
 AFOSR68-1082
 AFOSR67-0250
 AFOSR67-1805
 AFOSR67-0841
 AFOSR67-1291
 AFOSR68-2242
 ARL 67-1270
 AFOSR68-2047
 ARL 67-0124
 ARL 68-0828
 AFOSR68-1808
 ARL 67-1015
 AFOSR67-1635
 AFOSR68-2518
 ARL 67-1068
 AFOSR67-1655
 AFOSR68-1508
 ARL 67-1069
 ARL 68-0017
 AFOSR68-2865
 ARL 68-0040
 AFOSR67-1188
 ARL 68-0001
 AFOSR67-1162
 AFOSR67-2794
 AFOSR68-2419
 ARL 67-1234
 ARL 68-1420
 ARL 68-0106
 AFOSR67-2507
 AFOSR68-0938
 AFOSR68-2272
 AFOSR67-2861
 AFOSR67-1018
 AFOSR67-1726
 AFOSR68-1014
 AFOSR67-1510
 AFOSR68-0153
 AFOSR68-0958
 AFOSR68-1070
 AFCLRL67-0829
 AFOSR67-2064
 AFOSR68-1584
 AFOSR67-1640
 AFCLRL67-0558
 AFOSR68-1033
 AFOSR68-1485
 ARL 68-0260
 ARL 68-0263
 ARL 68-1489
 AFOSR68-0745
 AFOSR68-2895
 AFCLRL67-0271
 AFOSR67-0677
 ARL 68-1450
 AFCLRL67-0471
 AFCLRL67-0574
 AFCLRL68-0139
 AFCLRL68-0245
 AFOSR67-2011
 AFOSR68-0384
 AFOSR68-1823
 AFOSR67-1512
 AFOSR67-1149
 AFOSR68-1005
 ARL 68-1349
 AFOSR68-0677
 AFOSR67-0353
 ARL 67-0037
 ARL 67-0289
 ARL 67-0045
 AFOSR68-1267
 AFOSR67-1597

METHOD - CONTINUED

HALOPHENYL-METAL COMPOUNDS II: THE ACTION OF SODIUM IODIDE ON PHENYL /TRIMALNOMETHYL/ MERCURY COMPOUNDS A NEW METHOD OF AFOSR67-0796
CONFORMATIONAL FREE ENERGIES OF THE FORMYL HYDROXYMETHYL AC HYDROXYL GROUPS AS DETERMINED BY THE EQUILIBRIATION METHOD AFOSR68-2456

METHODOLOGICAL

INTENTIONS ANALYSIS A METHODOLOGICAL COMPONENT OF FORECASTING INTERNATIONAL BEHAVIOR FINAL REPORT FEB 1968 IMA 68-0004

METHODOLOGIES

ON METHODOLOGIES AND CONNECTIONS IN PARTITIONED LINEAR MODELS ARL 67-1184

METHODOLOGY

METHODOLOGY FOR THE ANALYSIS OF INTERNAL SOCIAL MOVEMENTS /SOCIAL MOVEMENTS AND SOCIAL SYSTEM CHANGES/ AFOSR68-1893
A METHODOLOGY FOR EVALUATING TIME-SHARE COMPUTER SYSTEM USAGE AFOSR68-0795
STRUCTURE OF A METHODOLOGY FOR ENVIRONMENTAL PROJECTIONS FINAL REPORT JUNE 1967 DRL 67-0004
CONTENT ANALYSIS OF DOCUMENTARY AND BIOGRAPHIC MATERIALS METHODOLOGY AFOSR67-2619

METHODS

METHODS OF VALIDATION OF JUDGMENTS IN DECISION MAKING FINAL REPORT AUG 1967 AFOSR67-2493
METHODS FOR DETERMINATION OF TRANSPORT COEFFICIENTS FROM HIGH POWER ARCS FINAL REPORT OCT 1967 ARL 67-0219
NUMERICAL METHODS OF COMPUTING THREE-DIMENSIONAL TRAJECTORIES FOR ADIABATIC AND DIABATIC FLOWS AFOSR68-0357
HIERARCHY METHODS FOR RANDOM VIBRATIONS OF PLASTIC STRINGS AND BEAMS AFOSR68-0372
COLLECTIVE METHODS FOR SYSTEMS WITH LONG-RANGE COHERENCE FINAL REPORT MAR 1968 AFOSR68-0209
GASDYNAMIC METHODS IN MAGNETOHYDRODYNAMICS FINAL REPORT DEC 1966 AFOSR67-0181
ANALYTICAL METHODS IN PROBABILITY THEORY AFOSR67-1190
THEORY AND METHODS IN THE STUDY OF ORGANIZATIONAL STRESS FINAL REPORT NOV 1966 AFOSR68-1677
A SURVEY OF METHODS FOR MEASUREMENTS OF RADIATION FIELDS FROM THE AFCL LINEAR ACCELERATOR AFOSR67-0301
A SURVEY OF METHODS FOR CONTROLLING THE ALTITUDE OF FREE BALLOONS WITH AIR BALLAST SYSTEMS AFOSR67-0372
VARIATIONAL METHODS AND BOUNDARY PROBLEMS FOR ORDINARY LINEAR DIFFERENTIAL SYSTEMS AFOSR68-2585
MATHEMATICAL METHODS IN CELESTIAL MECHANICS ARL 67-1191
MATHEMATICAL METHODS IN CELESTIAL MECHANICS ARL 67-1183
HOW WAVELENGTHS OF MILLIMETER WAVE TRANSMISSION FINAL REPORT JUNE 1968 ARL 68-1284
SOME ANALYTICAL METHODS FOR SOLVING A CLASS OF BOUNDARY VALUE PROBLEMS AFOSR68-1346
SIGNAL ANALYSIS METHODS FOR ADAPTIVE CONTROL SYSTEMS AFOSR68-0362
AN EVALUATION OF METHODS OF MULTIPLEXING AN INFRARED IMAGE AND IMAGING IT IN THE VISIBLE AFOSR68-2804
COMPARISON OF TWO METHODS FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA AFOSR68-0600
AN INVESTIGATION OF METHODS OF PRODUCING SULFUR TRIOXIDE IN JET EXHAUSTS THROUGH ADDITION OF FUEL ADDITIVES TO JP4 AFOSR68-0386
A SEARCH FOR OPTIMUM METHODS FOR THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS AFOSR68-0257
ARRAY DESIGN BY MATRIX METHODS AFOSR68-0011
NONLINEAR LEAST SQUARES METHODS. A DIRECT GRID SEARCH APPROACH. ARL 68-0345
ON THE USE OF VARIATIONAL METHODS IN STEADY MAGNETOHYDRODYNAMICS AFOSR67-0416
RESEARCH ON PLASMA DIAGNOSTIC METHODS FOR HIGH TEMPERATURE PLASMA RESEARCH FINAL REPORT MARCH 1967 ARL 67-0068
PROCEEDINGS OF THE WORKSHOP ON METHODS OF OBTAINING WINDS AND DENSITIES FROM RADAR METEOR TRAIL RETURNS AFOSR68-0228
GAUGE-FIELD ALGEBRA SOFT-HESSON METHODS AND DIVERGENCES AFOSR68-0429
DEVELOPMENT AND APPLICATION OF METHODS FOR ANALYSIS OF RESEARCH MATERIALS FINAL REPORT JAN 1967 ARL 67-0002
ON MID BOUNDARY LAYER APPROXIMATION METHODS ARL 68-1252
ON MID BOUNDARY LAYER APPROXIMATION METHODS ARL 68-1252
EFFECTIVENESS OF INFORMATION RETRIEVAL METHODS ARL 68-1273
STABILITY REGIONS OF DISCRETE VARIABLE METHODS FOR ORDINARY DIFFERENTIAL EQUATIONS AFOSR67-2320
SYNTHESIS OF TROPINE-LABELED ATROPINE I MICRO METHODS FOR THE SYNTHESIS OF TROPINE AND FOR ITS ESTERIFICATION WITH AFOSR67-2104
AIR PRESSURE DEPENDENCE OF COSMIC RAY INTENSITY METHODS AND RESULTS OF A STATISTICAL ANALYSIS OF NEUTRON MONITOR DATA AFOSR67-0212
DISPERSIVE AND NONDISPERSIVE X-RAY FLUORESCENCE METHODS FOR THE DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE AND ARL 68-1051
STUDY OF EMISSION SPECTRA BY PHASE-DISCRIMINATION METHODS FINAL REPORT APR 1968 AFOSR68-0247
THE SELECTION OF OPTIMUM CONDITIONS FOR SPECTROCHEMICAL METHODS III SENSITIVITY OF ATOMIC FLUORESCENCE ABSORPTION AND AFOSR67-1920
INVESTIGATIONS OF SOME OXIDE CRYSTALS BY ESR AND OPTICAL METHODS FINAL REPORT SEPT 1968 AFOSR68-0614
AN INVESTIGATION OF F2 REGION IONOSPHERIC BEHAVIOR BY COMPUTER METHODS AFOSR68-0419
GEOCHRONOLOGY OF THE MIDCONTINENT REGION UNITED STATES PART 1 SCOPE METHODS AND PRINCIPLES PART 2 NORTHERN AREA PART 3 AFOSR67-0314
STUDY OF POLARIZATION OF ATMOSPHERIC SCATTERED LIGHT USING MONTE CARLO METHODS AFOSR68-0310
ENERGY BAND STRUCTURE OF CDS USING SELF-CONSISTENT OPW AND PSEUDOPOTENTIAL METHODS ARL 67-0081
ANALYTICAL EXPRESSIONS OF SPACE-TIME CORRELATIONS Celerities AND METHODS OF MEASUREMENT FOR TEMPERATURE AFOSR67-0892
INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SiC BY THE TRAVELLING SOLVENT AND OTHER METHODS FINAL REPORT APR 1968 AFOSR68-0268
INVESTIGATION OF THE COMPRESSIBILITY OF LiF BY HIGH-PRESSURE HIGH-TEMPERATURE X-RAY DIFFRACTION METHODS FINAL REPORT AFOSR68-0441
INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SILICON CARBIDE BY THE TRAVELLING SOLVENT AND OTHER METHODS AFOSR67-0504
INTERPRETATION OF THE SLOW REACTION AND SECOND LIMIT OF HYDROGEN PLUS OXYGEN MIXTURES BY COMPUTER METHODS AFOSR68-1272

METHYL

IONIC POLYMERIZATION IN METHYL, ETHYL AND VINYL CHLORIDES ARL 67-1108
NONPLANAR CYCLOBUTANE-II THE METHYL 3-ISOPROPYLCYCLOBUTAN-1-CARBOXYLATE SYSTEM AFOSR67-2098
THE ABSOLUTE CONFIGURATION OF METHYL ALLYL SULFOXIDE STEREOCHEMISTRY OF THE GRIGNARD SYNTHESIS OF OPTICALLY ACTIVE AFOSR67-0680
ORBITAL WAVEFUNCTIONS FOR ETHANE METHYL ALCOHOL AND HYDROGEN PEROXIDE AFOSR67-2489
PARAMAGNETIC RESONANCE SPECTRA OF METHYL RADICALS ON POROUS GLASS SURFACES AFOSR67-2263
BURNING VELOCITIES IN MIXTURES OF METHYL ALCOHOL FORMALDEHYDE OR FORMIC ACID WITH OXYGEN AFOSR68-1203
ELECTRON PARAMAGNETIC RESONANCE OF METHYL RADICALS ON POROUS GLASS SURFACE AFOSR67-0196
THE CHEMISTRY OF CARBANIONS XVII THE ADDITION OF METHYL ORGANOMETALLIC REAGENTS TO CYCLOHEXANONE DERIVATIVES AFOSR68-2487
TEMPERATURE DEPENDENCE OF THE HYPERFINE SPLITTING OF THE METHYL RADICAL AFOSR68-0386
ABSOLUTE CONFIGURATION AND OPTICAL ROTATORY DISPERSION OF METHYL ALKYL SULFOXIDES AFOSR68-1720
DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND ARL 67-1111
DISPROPORTIONATION AND COMBINATION REACTIONS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL AND ISOPROPYL ARL 67-0204
ELECTRONIC SPECTRA OF CESIUM SALTS OF CARRANIONS I SPECTROSCOPIC EFFECTS OF METHYL GROUPS AND CORRESPONDING O O RING AFOSR68-1166
MICROWAVE SPECTRUM CONFORMATION DIPOLE MOMENT AND BARRIER TO INTERNAL ROTATION IN METHYL VINYL ETHER AFOSR68-1758
PRECISION MEASUREMENT OF DIPOLE MOMENTS AND OTHER SPECTRAL CONSTANTS OF NORMAL AND DEUTERATED METHYL FLUORIDE AND AFOSR67-0385

METHYL-AMMONIUM

HIGH TEMPERATURE AClI-NASF REACTIONS-II METHYL-AMMONIUM CHLORIDE WITH CERTAIN METAL OXIDES AFOSR67-1500

METHYL-RADICAL

TRIPLET-STATE ELECTRON SPIN RESONANCE OF AN H-ATOM- METHYL-RADICAL COMPLEX IN A SOLID MATRIX AFOSR67-0188

METHYLAMINE

ORIGIN OF ROTATIONAL BARRIERS II METHYLAMINE AND IMPROVED WAVEFUNCTIONS FOR HYDROGEN PEROXIDE AFOSR67-2486

METHYLAMINES

HYDROGEN-ABSTRACTION REACTIONS BY ETHYL RADICALS FROM METHYLAMINES AND HYDRAZINE AFOSR67-2043

METHYLCYCLOPENTANONE

THE CHEMISTRY OF CARBANIONS XI MICHAEL REACTIONS WITH 2- METHYLCYCLOPENTANONE AND 2-METHYLCYCLOHEXANONE AFOSR67-1431

METHYLCYCLOPROPANONE
CYCLOPROPANONES--VIII PREPARATION AND CHARACTERIZATION OF CYCLOPROPANONE METHYLCYCLOPROPANONE 2 AFOSM6A-2596

METHYLDISILYLAMINE
INFRARED STUDIES OF DIMETHYLSILYLAMINE AND METHYLDISILYLAMINE BY THE MATRIX-ISOLATION TECHNIQUE AFOSR67-2041

METHYLENE
THE PHOTOCHEMISTRY OF REFRA THE METHYLENE RADICAL AFOSR67-0617

METHYLLITHIUM
THE STANDARDIZATION OF SOLUTIONS OF METHYLLITHIUM AND METHYLMAGNESIUM DERIVATIVES
RACEMIZATION AND CLEAVAGE OF SULFONIDES BY METHYLLITHIUM AFOSR67-1429
AFOSR67-2624

METHYLMAGNESIUM
THE STANDARDIZATION OF SOLUTIONS OF METHYLLITHIUM AND METHYLMAGNESIUM DERIVATIVES
THE CHEMISTRY OF CARBANIONS XIII THE NUCLEAR MAGNETIC RESONANCE SPECTRA OF VARIOUS METHYLMAGNESIUM DERIVATIVES AND AFOSR67-1429
AFOSR67-2679

METHYLPOLYSILANES
PROTON NMR SPECTRA OF METHYLPOLYSILANES AFOSR67-1026

METRIC
METRIC ENTROPY AND APPROXIMATION
CONTINUITY OF METRIC PROJECTIONS
ENTROPY A COMPLETE METRIC INVARIANT FOR AUTOMORPHISMS OF THE TORUS
ON REFLEXIVE SPACES HAVING THE METRIC APPROXIMATION PROPERTY
ON THE RELATION BETWEEN HAUSDORFF DIMENSION AND METRIC DIMENSION AFOSR67-0562
AFOSR68-2781
AFOSR67-2171
AFOSR68-0246
AFOSR68-0427

METUCHEN
DIFFUSION OF ABSTRACTING AND INDEXING SERVICES FOR GOVERNMENT-SPONSORED RESEARCH SCARECROW PRESS INC METUCHEN N J 1968 AFOSR68-0437

MEXICO
VISTAS IN SCIENCE THE THIRTIETH AFOSR SCIENCE SEMINAR ALBUQUERQUE NEW MEXICO JUNE 1968 THE UNIVERSITY OF NEW MEXICO AFOSR68-2760
SCIENCE IN THE SIXTIES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 10TH CLOUDCROFT NEW MEXICO JUNE 1965 AFOSR68-2384
VISTAS IN SCIENCE THE THIRTIETH AFOSR SCIENCE SEMINAR ALBUQUERQUE NEW MEXICO JUNE 1968 THE UNIVERSITY OF NEW MEXICO AFOSR68-2760

MEZO-MADARAS
SIGNIFICANCE OF IRON-RICH SILICATES IN THE MEZO-MADARAS CHONDRITE AFOSR67-0012

MHD-STABILITY
PERSISTENCE OF MHD-STABILITY IN THE TWO-FLUID MODEL AFOSR68-0978

MICHAEL
THE CHEMISTRY OF CARBANIONS XI MICHAEL REACTIONS WITH 2- METHYLCYCLOPENTANONE AND 2-METHYLCYCLOHEXANONE AFOSR67-1431

MICRO
SYNTHESIS OF TROPINE-LABELED ATROPINE I MICRO METHODS FOR THE SYNTHESIS OF TROPINE AND FOR ITS ESTERIFICATION WITH
THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER
THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER AFOSR67-2104
ARL 68-1186
ARL 68-1390

MICRO-EARTHQUAKE
A MICRO-EARTHQUAKE SURVEY OF THE SAN ANDREAS FAULT SYSTEM IN SOUTHERN CALIFORNIA AFOSR67-2143

MICROAFTERSHOCKS
AFTERSHOCKS AND MICROAFTERSHOCKS OF THE GREAT ALASKA EARTHQUAKE OF 1964 AFOSR68-0396

MICROANALYSIS
MICROANALYSIS NEGATIVE HELIUM IONS USING POTASSIUM VAPOUR EXCHANGE AFOSR68-0900

MICROANALYSIS
METAL MICROANALYSIS BY GAS CHROMATOGRAPHY
RAPID MICROANALYSIS OF BERYLLIUM IN BIOLOGICAL FLUIDS BY GAS CHROMATOGRAPHY
RESEARCH DIRECTED TOWARD THE ELECTRON MICROANALYSIS OF MINERAL PHASES IN CHONDRITE METEORITES FINAL REPORT SEPT 1967
AN EVALUATION OF ABSORPTION CORRECTION FUNCTIONS FOR ELECTRON PROBE MICROANALYSIS ARL 68-1044
ARL 68-1489
AFOSR67-0599
AFOSR63-1865

MICROBALANCE
USE OF MICROBALANCE FOR DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES ARL 68-1144

MICROBIAL
MICROBIAL GROWTH ON C1 COMPOUNDS UPTAKE OF ¹⁴SURC/ FORMALDEHYDE AND ¹⁴SURC/FORMATE BY METHANE-GROWN PSEUDOMONAS
ULTRASENSITIVE DETECTION OF CERTAIN MICROBIAL METABOLITES BY GAS CHROMATOGRAPHY AFOSR67-1034
AFOSR67-2549

MICROBIOLOGICAL
A STUDY OF FUNDAMENTAL FACTORS PERTINENT TO MICROBIOLOGICAL WASTE CONVERSION IN CONTROL OF ISOLATED ENVIRONMENTS FINAL AFOSR67-0495

MICROBURSTS
TEMPORAL FEATURES OF HIGH-INTENSITY AURORAL MICROBURSTS AFOSR68-1224

MICROCIRCULATION
MICROCIRCULATION DYNAMICS AFOSR68-0861

MICROEARTHQUAKES
SPATIAL DISTRIBUTION AND SOURCE MECHANISM OF MICROEARTHQUAKES IN CENTRAL NEVADA AFOSM6A-1435

| | |
|---|--------------|
| MICROELECTRODE | |
| MICROELECTRODE ANALYSIS OF TRANSFER OF VISUAL INFORMATION BY THE CORPUS CALLOSUM | AFOSR68-2714 |
| MICROELECTRONIC | |
| INVESTIGATION OF LASER RADIATION SIMULATION FOR MICROELECTRONIC DEVICE HARDENING FINAL REPORT JAN 1967 | AFCL67-0168 |
| MICROGRAM | |
| SYSTEM FOR MEASURING MICROGRAM WEIGHT CHANGES UNDER CONTROLLED OXYGEN PARTIAL PRESSURE TO 1800DEGREES C | ARL 68-0088 |
| MICROHARDNESS | |
| MICROHARDNESS ANISOTROPY IN ROCK SALT STRUCTURE OXIDES | ARL 68-1176 |
| MICROINSTABILITIES | |
| EXPERIMENTAL INVESTIGATION OF PLASMA MICROINSTABILITIES IN CROSSED MAGNETIC AND AC ELECTRIC FIELDS | AFCL68-0044 |
| MICROJETS | |
| FORMATION OF CAVITIES AND MICROJETS IN LIQUIDS AND THEIR ROLE IN INITIATION AND GROWTH OF EXPLOSION | AFOSR67-2230 |
| MICROMEASUREMENTS | |
| CALIBRATION AND USE OF AN ELECTRON MICROSCOPE FOR PRECISION MICROMEASUREMENTS IN THIN FILM MATERIALS | AFOSR67-1933 |
| MICRON | |
| GAS LASER STUDIES IN THE 100 TO 1000 MICRON RANGE FINAL REPORT SEPT 1967 | AFOSR67-2828 |
| GAS LASER STUDIES IN THE 100 TO 1 000 MICRON RANGE FINAL REPORT DEC 1968 | AFOSR67-0889 |
| ATMOSPHERIC ABSORPTION OF SOLAR RADIATION BY THE 9.6 MICRON OZONE BAND | AFCL67-0872 |
| BALLOON-BORNE OBSERVATIONS OF BRIGHTNESS VARIATIONS IN THE 1.27 MICRON BAND OF OXYGEN IN THE DAY AND TWILIGHT AIRGLOW | AFCL68-0157 |
| MICRONS | |
| INTEGRATED INTENSITY OF 3.3 MICRONS BAND OF METHANE | AFOSR68-0148 |
| MULTILAYER FILTERS FOR THE REGION 0.8 TO 100 MICRONS FINAL REPORT MAY 1968 | AFCL68-0495 |
| SPECTRAL EMISSIVITY CALCULATIONS BY THE STATISTICAL MODEL APPLIED TO THE 4.3 MICRONS BANDS OF CARBON DIOXIDE AT HIGH | AFOSR67-2612 |
| MICROORGANISMS | |
| METABOLISM OF C SUB 1 COMPOUNDS BY MICROORGANISMS | AFOSR68-0809 |
| MICROPARTICLES | |
| ACCELERATION OF MICROPARTICLES BY LASER-INDUCED VAPOR EMISSION | AFOSR68-1358 |
| MICROPHOTOMETER | |
| LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR MICROPHOTOMETER DATA (1) | AFOSR67-0277 |
| MICROPROBE | |
| A STEREOSCOPIC DISPLAY SYSTEM FOR ELECTRON MICROPROBE INSTRUMENTS | AFOSR67-1410 |
| MICROPULSATION | |
| EVENING MICROPULSATION EVENTS WITH A RISING MIDFREQUENCY CHARACTERISTIC | AFCL67-0251 |
| TELLURIC CURRENT MICROPULSATION BURSTS | AFCL67-0246 |
| MICROPULSATIONS | |
| PEARL-TYPE MICROPULSATIONS ASSOCIATED WITH MAGNETIC STORM SUDDEN COMMENCEMENTS | AFCL67-0249 |
| TELLURIC CURRENT MICROPULSATIONS AT THE AURORAL ZONE FINAL REPORT OCT 1967 | AFCL67-0550 |
| TWO SUBTYPES OF TYPE P1 MICROPULSATIONS | AFCL67-0589 |
| PEARL-TYPE TELLURIC CURRENT MICROPULSATIONS AT COLLEGE | AFCL67-0244 |
| AURORAL-ZONE TELLURIC-CURRENT MICROPULSATIONS Y 20 SECONDS | AFCL67-0247 |
| PROPAGATION CHARACTERISTICS OF MICROPULSATIONS FINAL REPORT AUG 1967 | AFCL67-0840 |
| MICROSCOPE | |
| AN ELECTRON MICROSCOPE LIQUID HELIUM STAGE FOR USE WITH ACCESSORIES | AFOSR68-0836 |
| SCANNING ELECTRON MICROSCOPE INVESTIGATION OF PLANAR DIFFUSED PN JUNCTION PROFILES NEAR THE EDGE OF A DIFFUSION MASK | AFOSR68-1173 |
| THE SCANNING ELECTRON MICROSCOPE | AFOSR68-1161 |
| CALIBRATION AND USE OF AN ELECTRON MICROSCOPE FOR PRECISION MICROMEASUREMENTS IN THIN FILM MATERIALS | AFOSR67-1933 |
| CERTAIN SEMICONDUCTOR APPLICATIONS OF THE SCANNING ELECTRON MICROSCOPE | AFOSR67-0490 |
| STUDY OF THERMIONIC CONVERTER ELECTRODE SURFACES USING THE ELECTRON MIRROR MICROSCOPE | AFCL68-0101 |
| MICROSCOPIC | |
| MICROSCOPIC THEORY OF FERROELECTRICITY FINAL REPORT NOV 1967 | ARL 67-0256 |
| MICROSCOPIC BLOOD VESSELS IN THE MESENTERY | AFOSR67-0628 |
| MICROSCOPIC PARTICLE SEPARATION AND APPLICATIONS FINAL REPORT FEB 1968 | ARL 68-0024 |
| MICROSCOPIC PARTICLE SEPARATION AND APPLICATION | ARL 68-1400 |
| MICROSCOPIC THEORY OF LATTICE RAMAN SCATTERING IN CRYSTAL CONTAINING IMPURITIES | ARL 68-1414 |
| A VERSATILE DEVICE FOR MICROSCOPIC SPECTROFLUORIMETRY | AFOSR67-0866 |
| MICROSCOPY | |
| ELECTRON MICROSCOPY OF POLYETHYLENE BELOW TWENTY DEGREES KELVIN | AFOSR67-1780 |
| ELECTRON MICROSCOPY OF LIVING INSECTS | AFOSR68-0077 |
| SCANNING ELECTRON MICROSCOPY OF BIOLOGICAL MATERIAL | AFOSR67-0247 |
| DIFFRACTION EFFECTS IN LORENTZ MICROSCOPY | AFOSR67-2195 |
| ODOR SENSING CELL ULTRASTRUCTURE BY ELECTRON MICROSCOPY FINAL REPORT OCT 1967 | AFOSR68-0035 |
| PREPARATION OF THIN SECTIONS FOR TRANSMISSION ELECTRON MICROSCOPY | ARL 67-1150 |
| PREPARATION OF THIN SECTIONS BY ION GOMBARDMENT FOR TRANSMISSION ELECTRON MICROSCOPY | ARL 67-0249 |
| QUANTITATIVE STUDY OF DISPERSED PARTICLE STATISTICS WITH TRANSMISSION ELECTRON MICROSCOPY | AFOSR68-2658 |
| INVESTIGATION OF GRAIN BOUNDARY ENERGISTICS IN ERBIUM OXIDE THIN FOILS BY TRANSMISSION ELECTRON MICROSCOPY | AFOSR68-2402 |
| MICROSECOND | |
| A SIXTEEN-UNIT PROJECTOR WITH MICROSECOND TURN-ON TIME | AFOSR67-1808 |
| MICROSEISMIC | |
| MEASUREMENT OF THE MICROSEISMIC SPECTRUM AT OTTAWA ONTARIO | AFOSR67-0943 |

MICROSTRUCTURAL
MICROSTRUCTURAL ANOMALIES AFFECTING TENSILE STRENGTH OF ALUMINUM OXIDE ARL 88-1176

MICROSTRUCTURE
STRAIN-GRADIENT THEORIES OF MICROSTRUCTURE AFOSR66-0109

MICROSTRUCTURES
THE CONTROL OF EUTECTIC MICROSTRUCTURES ON THE DETECTION OF MAGNETIC MICROSTRUCTURES WITH CHANGED PARTICLES AFOSR66-2721
AFOSR67-0053

MICROTHERMODYNAMICS
USE OF A MICROTHERMODYNAMIC IN DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES ARL 87-0160

MICROTHIN
SUBMILLIMETER RADIATION RESEARCH AND OPERATION WITH A RACETRACK MICROTHIN FINAL REPORT DEC 1967 AFOSR66-0114

MICROWAVE
MICROWAVE RECTIFICATION USING QUARTZ AFCL67-0143
MICROWAVE ALL-PASS NETWORKS FOR ANTENNA FEED SYSTEMS AFCL67-0235
MICROWAVE SPECTROSCOPY IN THE REGION OF 4-0.6 MILLIMETRES AFOSR67-0076
MICROWAVE ROTATION SPECTRA OF ETHYL ACETYLENE AND ETHYL ISOCYANIDE AFOSR67-0059
MICROWAVE SATURATION OF PARAELECTRIC-RESONANCE TRANSITIONS OF OH IONS IN KCL AFOSR67-0086
MICROWAVE STUDIES OF IONIZATION PHENOMENA IN GASEOUS DISCHARGES FINAL REPORT MARCH 1967 AFOSR67-1112
MICROWAVE FLUX-FLOW DISSIPATION IN PARAMAGNETICALLY-LIMITED TI-V ALLOYS AFOSR67-1741
MICROWAVE RADIATION OF SINGLY CHARGED HELIUM 3 FROM H II REGIONS AFOSR67-2822
MICROWAVE MILLIMETER AND RADIOFREQUENCY SPECTROSCOPY FINAL REPORT NOV 1967 AFOSR67-2668
MICROWAVE LOSS IN A REFLEX PLASMA DISCHARGE AFOSR66-0091
MICROWAVE SPECTRA AND STRUCTURES OF ISOTHIAZOLE 1,2,4-DIAZATOLE AND IMIDAZOLE AFOSR66-1099
MICROWAVE SPECTRUM CONFORMATION DIPOLE MOMENT AND BARRIER TO INTERNAL ROTATION IN METHYL VINYL ETHER AFOSR66-1796
MICROWAVE SPECTROSCOPY IN THE MILLIMETER REGION FINAL REPORT JULY 1966 AFOSR66-1928
MICROWAVE EMISSION FROM INDIUM-NICKEL ANTIMONIDE EUTECTIC AFOSR66-2266
MICROWAVE SPECTRUM VIBRATION-ROTATION INTERACTION MOLECULAR STRUCTURE AND DIPOLE MOMENT OF 1-METHYLPENTABORANE /9/ AFOSR66-2889
A MICROWAVE SOURCE USING ULTRASONIC AMPLIFICATION IN PIEZOELECTRIC SEMICONDUCTORS AFCL66-0168
LASER AND MICROWAVE INTERFEROMETRIC STUDY OF RECOMBINATION IN A HIGHLY IONIZED HELIUM PLASMA AFOSR67-0065
EFFICIENT MICROWAVE SHEAR-WAVE GENERATION BY MODE CONVERSION AFOSR67-0664
CONTINUOUS MICROWAVE EMISSION FROM INDIUM ANTIMONIDE AFOSR67-0618
STUDIES OF MICROWAVE SHEAR WAVES IN SOLIDS AFOSR66-2837
A PRELIMINARY MICROWAVE ATTENUATION CLIMATOLOGY FOR THE MONTREAL AREA BASED ON WEATHER RADAR DATA AFCL66-0168
HOT-CARRIER INSB MICROWAVE MODULATION AFOSR66-0963
BEHAVIOR OF COHERENT MICROWAVE PHONONS AT LOW AL/SUB2O3/SUB TEMPERATURES IN USING VAPOR-DEPOSITED THIN-FILM AFCL67-0016
A LARGE DYNAMIC RANGE MICROWAVE POWER MEASUREMENT SYSTEM EMPLOYING FEEDBACK AFCL67-0086
HARMONIC GENERATION AT MICROWAVE FREQUENCIES AFOSR67-0002
FREQUENCY RANGE OF THE MICROWAVE EMISSION FROM INSB AFOSR67-1893
INTERACTION OF LIGHT AND MICROWAVE SOUND AFOSR66-2623
MULTILAYER ENHANCEMENT OF MICROWAVE PIEZOELECTRIC CONVERSION IN CAS-BIO LAYERS AFCL67-0017
FURTHER INVESTIGATIONS ON THE MICROWAVE SPECTRUM OF NSF EVALUATION OF THE MOLECULAR FORCE FIELD CENTRIFUGAL DISTORTION AFOSR66-1136
EXPERIMENTAL STUDIES OF PULSED MICROWAVE BREAKDOWN EFFECTS IN A HYPERSONIC AIR PLASMA FINAL REPORT FEB 1966 AFCL66-0145
14N-QUADRUPOLE COUPLING IN THE MICROWAVE SPECTRUM OF CYANAMIDE IMECH AFOSR66-2761
HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE X-BAND PARADAY ROTATION OF WATER ADSORBED ON HEMOGLOBIN AFOSR67-2081
THE NUCLEAR MAGNETIC RESONANCE AND MICROWAVE SPECTRA OF SOME DEUTERIO DERIVATIVES OF 2,4-DICAMBAOLONEPTABORANE /7/ AFOSR67-2265
METHOD OF DETECTING SMALL ANGLES OF MICROWAVE PARADAY ROTATION AFOSR67-0375
ANALYTICAL AND EXPERIMENTAL STUDIES OF MICROWAVE INTERACTION WITH A HYPERSONIC AIR PLASMA AFCL67-0201
THE EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT NOV 1966 AFCL67-0111
PLASMA IMPEDANCE ELEMENT IN AN ACTIVE FABRY-PEROT MICROWAVE RESONATOR AFOSR66-2125
EXPERIMENTAL INVESTIGATION OF MUTUAL ADMITTANCE AND MICROWAVE BREAKDOWN OF SLOT ANTENNAS AFCL66-0578
AN EXPERIMENTAL STUDY OF THE BREAKDOWN CHARACTERISTICS OF MICROWAVE AND VHF ANTENNAS FINAL REPORT JULY 1966 AFCL66-0450
OBSERVATION OF QUANTUM SPIN AND HIGH FIELD DAMPING EFFECTS IN MICROWAVE HELICON PROPAGATION IN DEGENERATE AFOSR67-0215
APPLICATION OF GEOMETRICAL OPTICS TO THE DESIGN AND ANALYSIS OF MICROWAVE ANTENNAS AFCL67-0501
RESEARCH DIRECTED TOWARD EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT AUG 1966 AFCL66-0440
THE EFFECTS OF AEROSOLS IN THE ATMOSPHERE ON THE PROPAGATION OF MICROWAVE SIGNALS AFOSR67-0822
AN ESTIMATE OF THE SURFACE TEMPERATURE OF VENUS INDEPENDENT OF PASSIVE MICROWAVE RADIOMETRY AFOSR66-1953
THIN-FILM PIEZOELECTRIC TRANSDUCERS USED AS GENERATORS AND DETECTORS OF MICROWAVE PHONONS WITH SOME ATTENUATION AFCL67-0079
HELICONS MAGNETOPLASMA MODE AND PARADAY ROTATION IN SOLID STATE PLASMAS AT MICROWAVE FREQUENCIES AFOSR67-1866
THE STUDY OF PLASMA SURROUNDING REFLECTORY DOTS AND RESULTANT INTERACTION WITH MICROWAVE RADIATION FINAL REPORT APR AFCL66-0239
SOME ADDITIONAL ASPECTS OF THE UNEQUAL ACTIVITY OF THE NORTHERN AND SOUTHERN SOLAR HEMISPHERES MICROWAVE RADIO BURSTS AFCL66-0217

MICROWAVES
INTERACTION OF MICROWAVES WITH WATER FINAL REPORT OCT 1966 AFOSR66-2832

MID-LATITUDE
A WORLD-WIDE INVESTIGATION OF THE MID-LATITUDE EVENING INCREASE OF THE P SUB O F SUB 2 IN THE SUMMER HEMISPHERE FINAL AFCL66-0098

MIDCONTINENT
GEOMORPHOLOGY OF THE MIDCONTINENT REGION UNITED STATES PART 1 SCOPE METHODS AND PRINCIPLES PART 2 NORTHERN AREA PART 3 AFOSR67-0314

MIDDAY
OBSERVATIONS OF THE SEPTEMBER 2, 1966 PCA EVENT. MIDDAY RECOVERY IN ABSORPTION AFOSR66-0485

MIDFREQUENCY
PYRNING MICROPULSATION EVENTS WITH A RISING MIDFREQUENCY CHARACTERISTIC AFCL67-0251

MIGRATION
MIGRATION OF CATIONS IN TWO SOLID-STATE REACTIONS AFOSR66-2841
PHASE MIGRATION IN A NONTHERMAL FIELD FINAL REPORT MARCH 1967 AFOSR67-1519
PIGMENT MIGRATION LIGHT SCREENING AND RECEPTOR SENSITIVITY IN THE COMPOUND EYE OF NOCTURNAL LEPIDOPTERA AFOSR67-0908
PIGMENT MIGRATION AND RETINULAR SENSITIVITY AFOSR66-0696
FIELD EMISSION STUDIES OF THE SURFACE MIGRATION OF REFRACTORY METALS FINAL REPORT OCT 1967 AFOSR67-2406
HARD RE-ASSIGNMENT FOR ANILINE AND ITS DERIVATIVES THE MIGRATION /SPECTROSCOPIC/ MOMENT OF THE AMINO GROUPS ARL 67-0222

MILITARY
MILITARY TRANSFER OF TECHNOLOGY AFOSR67-0231
SOCIAL RESEARCH AND MILITARY MANAGEMENT FINAL REPORT OCT 1966 AFOSR66-2153
THE USES OF SOCIOLOGY IN THE MILITARY ESTABLISHMENT AFOSR66-1067
AN APPROACH TO RADIATION SOURCE DESIGN FOR MILITARY APPLICATIONS UTILIZING THE WALL-STABILIZED ARC AS AN EXAMPLE FINAL ARL 67-0179
PRELIMINARY REPORT ON CHINESE COMMUNIST INDOCTRINATION OF MILITARY PRISONERS OF WAR AFOSR66-1410

| | |
|---|--------------|
| THE ISRAELI ARMY IN POLITICS THE PERSISTENCE OF THE CIVILIAN OVER THE MILITARY | AFOSR66-2565 |
| MILKWEED | |
| OPTIMIZED REACTION LOCOMOTORIAL RAS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCOMELTUS AND THE REEFLE ZOPHOBAS | AFOSR67-1344 |
| OPTIMIZED REACTION LOCOMOTORIAL RAS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCOMELTUS AND THE REEFLE ZOPHOBAS | AFOSR67-1691 |
| MILLIMETER | |
| MILLIMETER- AND THERMILLIMETER-WAVE SPECTRA AND MOLECULAR CONSTANTS OF SILVER CHLORIDE | AFOSR67-0380 |
| MICROWAVE MILLIMETER AND RADIOFREQUENCY SPECTROSCOPY FINAL REPORT NOV 1967 | AFOSR67-2662 |
| PAR-INFRARED AND MILLIMETER WAVE STUDIES OF XENON HEXAFLUORIDE | AFOSR68-1624 |
| NON-WAVEGUIDE METHODS OF MILLIMETER WAVE TRANSMISSION FINAL REPORT JUNE 1968 | AFOSR66-1346 |
| MICROWAVE SPECTROSCOPY IN THE MILLIMETER REGION FINAL REPORT JULY 1968 | AFOSR68-1978 |
| STUDY OF ATMOSPHERIC CONSTITUENTS AND STRUCTURE BY MEASUREMENT OF TRANSMISSION AND ABSORPTION OF MILLIMETER WAVES OF | AFOSR67-0548 |
| MILLIMETER-WAVE | |
| MILLIMETER-WAVE ROTATIONAL STARK SPECTRA OF H ₂ CO DMS AND H ₂ SO ₄ DIPOLE-MOMENT CHANGES WITH K | AFOSR67-0799 |
| MILLIMETERS | |
| RADIOMETRIC OBSERVATIONS OF THE PLANETS JUPITER VENUS AND MARS AT A WAVELENGTH OF 8.6 MILLIMETERS | AFOSR67-0409 |
| MILLION | |
| RADIO INTERFEROMETRY USING A BASE LINE OF 20 MILLION WAVELENGTHS | AFOSR68-2004 |
| GALACTIC DEUTERIUM AND ITS ENERGY SPECTRUM ABOVE TWENTY MILLION ELECTRON VOLTS PER NUCLEON | AFOSR67-1204 |
| MINAS | |
| MULTISPECTRAL PHOTOGRAPHIC STUDIES OF A RED-RED PACIES MINAS BASIN NOVA SCOTIA | AFOSR67-0603 |
| MINERAL | |
| RESEARCH DIRECTED TOWARD THE ELECTRON MICROANALYSIS OF MINERAL PHASES IN CHONDRITE METEORITES FINAL REPORT SEPT 1967 | AFOSR67-0599 |
| SLIDING OF COPPER-BASED SINTERED MATERIAL AGAINST STEEL IN PARAFFINIC MINERAL OIL | AFOSR67-0014 |
| MINERALS | |
| THE MAPLING ENERGY OF MINERALS POLYMORPHS OF SILICA | AFOSR67-2427 |
| SPOT TEST DETECTION OF SULFUR IN MINERALS | ARL 67-0094 |
| MINERS | |
| FATIGUE-LIFE AND MINERS RULE | ARL 68-1292 |
| MINIATURE | |
| MINIATURE PROBES FOR THE INSTANTANEOUS MEASUREMENT OF ENTHALPY IN ARC JETS FINAL REPORT SEP 1967 | ARL 67-0181 |
| MINIMA | |
| BREAKDOWN MINIMA DUE TO ELECTRON-IMPACT IONIZATION IN SUPER-HIGH-PRESSURE GASES IRRADIATED BY A FOCUSED GIANT-PULSE | AFOSR67-0767 |
| PERIODS-BARRIER MINIMA | AFOSR68-1475 |
| MINIMAL | |
| MINIMAL MULTIPLEXED THRESHOLD GATE REALIZATIONS | AFOSR68-2042 |
| ON THE MINIMAL SETS OF NON-SINGULAR VECTOR FIELDS | AFOSR67-1042 |
| VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE II BOUNDARY VALUE PROBLEMS FOR THE MINIMAL SURFACE EQUATION | AFOSR68-0256 |
| VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE III THE DIRICHLET PROBLEM WITH INFINITE DATA | AFOSR68-2240 |
| THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION WITH INFINITE DATA | AFOSR68-0251 |
| THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION IN HIGHER DIMENSIONS | AFOSR68-2277 |
| DISJOINTNESS IN ERGODIC THEORY MINIMAL SETS AND A PROBLEM IN DIOPHANTINE APPROXIMATION | AFOSR67-0757 |
| TENSOR OPERATORS AND MASS FORMULA IN THE MINIMAL EXTENSION OF U-SUM THREE BY CHANGE CONJUGATION | AFOSR67-2113 |
| ADDENDUM TO A PRIORI ESTIMATES FOR SOLUTIONS OF THE MINIMAL SURFACE EQUATION | AFOSR68-1954 |
| ON SOME NONLINEAR BOUNDARY PROBLEMS FOR THE EQUATION OF MINIMAL SURFACES | AFOSR68-2754 |
| VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE II BOUNDARY VALUE PROBLEMS FOR THE MINIMAL SURFACE EQUATION | AFOSR68-0256 |
| MINIMAX | |
| A GENERAL CORRESPONDENCE BETWEEN DUAL MINIMAX PROBLEMS AND CONVEX PROGRAMS | AFOSR68-2438 |
| MINIMIZATION | |
| MINIMIZATION OF BOOLEAN FUNCTIONS CONTAINING ARBITRARY PARAMETERS | AFOSR67-1491 |
| DRAG MINIMIZATION AS THE EXTREMIZATION OF PRODUCTS OF POWERS OF INTEGRALS | AFOSR67-0937 |
| ON THE MINIMIZATION OF THE PRODUCT OF THE POWERS OF SEVERAL INTEGRALS | AFOSR67-2827 |
| MINIMIZING | |
| MINIMIZING FUNCTIONALS ON NORMED-LINEAR SPACES | AFOSR68-0281 |
| MINIMUM | |
| MINIMUM DISCRIMINATION INFORMATION ESTIMATION | AFOSR68-2277 |
| MINIMUM PARTITIONS OF GRAPHS | ARL 68-1291 |
| MINIMUM TIME FOR EARTH TO MARS TRAJECTORY FOR A SOLAR SAIL | ARL 68-1276 |
| MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR | AFOSR67-0936 |
| OPTIMUM SAMPLING FOR MINIMUM ENERGY SAMPLED DATA FEEDBACK CONTROL SYSTEMS | AFOSR68-2048 |
| UNSUPERVISED LEARNING MINIMUM RISK ADAPTIVE PATTERN CLASSIFICATION | AFOSR67-1869 |
| BLUNT-NOSSE MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR | AFOSR67-1844 |
| BLUNT-NOSSE MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR | AFOSR68-0504 |
| IMPROVED-LOADED RECEIVING ANTENNAE WITH MINIMUM BACKSCATTERING AND MAXIMUM RECEIVED POWER | AFOSR67-0583 |
| AN ITERATIVE PROCEDURE FOR COMPUTING THE MINIMUM OF A QUADRATIC FORM ON A CONVEX SET | AFOSR67-0810 |
| A STUDY OF METEORIC FEATURES OF SUMMER-TIME MINIMUM WIND FIELDS IN THE LOWER STRATOSPHERE | AFOSR67-0601 |
| TWO LEVEL REALIZATION OF SWITCHING FUNCTIONS WITH A MINIMUM OF THRESHOLD GATES | AFOSR68-1970 |
| LOW ENERGY ELECTRONS ON A FIELD LINE WITH A POTENTIAL MINIMUM | AFOSR67-0370 |
| AN APPROXIMATION TECHNIQUE TO DETERMINE INVERSE FILTERS WITH A MINIMUM NUMBER OF WEIGHTS | AFOSR67-1505 |
| THE HELIOCENTRIC INTENSITY GRADIENTS OF COSMIC-RAY PROTONS AND HELIUM DURING MINIMUM SOLAR MODULATION | AFOSR67-1108 |
| COSMIC-RAY RADIAL DENSITY GRADIENT AND ITS RIGIDITY DEPENDENCE OBSERVED AT SOLAR MINIMUM ON MARINER IV | AFOSR67-2054 |
| RADAR SPECTROGRAPHIC ESTIMATES OF IONIC COMPOSITION FROM 225 TO 1400 KILOMETERS FOR SOLAR MINIMUM WINTER AND SUMMER | AFOSR67-0804 |

| | |
|--|--------------|
| MINIMUM-FUEL | |
| A GENERAL THEORY OF MINIMUM-FUEL SPACE TRAJECTORIES | AFOSR67-0640 |
| MINIMUM-STATE | |
| MINIMUM-STATE REALIZATIONS OF LINEAR TIME-VARYING SYSTEMS | AFOSR66-2043 |
| MINKOWSKI | |
| EXTENSIONS OF THE MINKOWSKI INEQUALITY | AFOSR66-0911 |
| GAUGE PROPERTIES OF THE MINKOWSKI SPACE | AFOSR67-1192 |
| MIRA | |
| ON SEVERAL STATISTICAL CHARACTERISTICS OF MIRA VARIABLES FINAL REPORT OCT 1967 | OWA 67-0010 |
| MIRAGE | |
| THE COURBAT PROBLEM FOR THE PARTIAL DIFFERENTIAL EQUATION $U_{XX} + U_{YY} = F$ A MIRAGE | AFOSR67-1471 |
| MIRROR | |
| STUDY OF THERMIONIC CONVERTER ELECTRODE SURFACES USING THE ELECTRON MIRROR MICROSCOPE | AFCL66-0101 |
| MIRRORS | |
| COMPRESSION OF A RAREFIED PLASMA BY CONVERGING MAGNETIC MIRRORS | AFOSR66-0640 |
| MISCELLANEOUS | |
| PLASMA SURFACE MORPHOLOGY MISCELLANEOUS INVESTIGATIONS | AFCL66-0133 |
| MISES | |
| AN APPROXIMATE SOLUTION OF VON MISES BOUNDARY LAYER EQUATION | ARL 67-0052 |
| FINITE DIFFERENCE SOLUTION OF THE LAMINAR COMPRESSIBLE BOUNDARY LAYER EQUATIONS IN THE VON MISES VARIABLES WITH | ARL 67-0050 |
| MISSILE | |
| MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR | AFOSR67-0936 |
| ALUMINUM-NOBOD MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR | AFOSR67-1885 |
| ALUMINUM-NOBOD MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR | AFOSR66-0504 |
| AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME I - MIDCOURSE AND TERMINAL BALLISTIC | ORA 67-0001 |
| AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME II - AREA DEFENSE SPACE-TIME STUDY FINAL | ORA 67-0002 |
| AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME III - MULTILAYER FILTER MODEL FINAL REPORT | ORA 67-0003 |
| AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IV - ANALYSIS OF THE SOVIET AND CUBAN | ORA 67-0005 |
| AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME V ERROR ANALYSES AND RELATED STUDIES FINAL | ORA 67-0007 |
| AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME VIII - SUPPORTING STUDIES ON TECHNOLOGY AND AND | ORA 67-0011 |
| AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME IX - STRATEGY CONSIDERATIONS IN AREA | ORA 66-0001 |
| AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME SUMMARY AND HIGHLIGHTS FINAL REPORT FEB | ORA 66-0002 |
| VOLUME BREAKDOWN CHARACTERISTICS OF MISSILE ANTENNAS FINAL REPORT MAY 1966 | AFCL66-0336 |
| MISSILES | |
| SMALL SURFACE-TO-AIR MISSILES IN A LIMITED WAR ENVIRONMENT FINAL REPORT MAR 1968 | ORA 66-0004 |
| WATER INDUCED ROLLING MOMENTS ON PINNED MISSILES AT HIGH ANGLE OF ATTACK | AFCL66-0669 |
| RADIATION AND RECEPTION OF ELECTROMAGNETIC ENERGY FROM AIRCRAFT AND GUIDED MISSILES FINAL REPORT DEC 1967 | AFCL66-0071 |
| WIND-TUNNEL MEASUREMENT AT M EQUALS 4.75 OF SOME STATIC AND DYNAMIC AERO-DYNAMIC CHARACTERISTICS OF PINNED MISSILES | ARL 66-0266 |
| MIXED | |
| MIXED METEOROLOGY ACID FORMATION FINAL REPORT JULY 1967 | AFOSR67-1605 |
| SYMMETRY OF MIXED THIRD ORDER ELASTIC CONSTANTS | AFOSR67-1102 |
| DETERMINATION OF MIXED VIRIAL COEFFICIENTS FINAL REPORT DEC 1967 | AFOSR67-2705 |
| THEORY OF NON-LINEAR MIXED FREQUENCY GENERATION IN ANISOTROPIC PLASMA | AFCL67-0087 |
| STABILITY CONDITIONS FOR A MIXED DISTRIBUTED AND LUMPED PARAMETER CONTROL SYSTEM | AFOSR66-0214 |
| RELATION BETWEEN ISOTHERMAL AND MIXED THIRD-ORDER ELASTIC CONSTANTS | AFOSR67-1100 |
| CONCENTRATED FORCE IN EIGHTH-SPACE WITH MIXED BOUNDARY CONDITIONS | AFOSR67-1303 |
| A PSEUDOPOTENTIAL CALCULATION OF THE COMBUSTION MIXED ALLOY SYSTEM | ARL 67-1080 |
| GROWTH OF SODIUM CHLORIDE-POTASSIUM CHLORIDE MIXED CRYSTALS FROM THE MELT | AFOSR67-0625 |
| ELECTRONIC STRUCTURE AND OPTICAL PROPERTIES OF MIXED CRYSTALS | ARL 66-1058 |
| OPTICAL MODEL CALCULATION OF THE ELECTRONIC STATES OF MIXED DISORDERED SYSTEMS | AFOSR66-2391 |
| THE CORRESPONDENCE PRINCIPLE OF LINEAR VISCOELASTICITY THEORY FOR MIXED BOUNDARY VALUE PROBLEMS INVOLVING | AFOSR66-1643 |
| PHAGWEN-LINDELOF AND COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS WITH MIXED BOUNDARY CONDITIONS | AFOSR66-0263 |
| CHOICE BETWEEN AUTOTROPY AND HETEROTROPY IN PSEUDOMORPHS OXALIC ACID GROWTH IN MIXED SUBSTRATES | AFOSR66-2776 |
| MIXERS | |
| OSCILLATORS MODULATORS AND MIXERS SUITABLE FOR INTEGRATED CIRCUIT REALIZATION | AFOSR67-1176 |
| MIXING | |
| LINE MIXING BY COLLISIONS IN THE FAR INFRARED SPECTRUM OF AMMONIA | AFCL66-0422 |
| COMPLEX MIXING MODELS FOR CHEMICAL REACTION SYSTEMS FINAL REPORT MAY 1967 | AFOSR67-2723 |
| OPTICAL MIXING IN THE ATOMIC STATES OF A HE/NE LASER | ARL 67-0264 |
| HYDROGEN MIXING BY HELIUM-SHELL FLASHES | AFOSR66-0661 |
| NONLINEAR MIXING OF WAVES IN A PLASMA WITH VELOCITY-DEPENDENT COLLISIONS | ARL 67-0102 |
| STOCHASTIC MIXING MODELS FOR CHEMICAL REACTORS | AFOSR67-2328 |
| RESEARCH ON MIXING OF COASTAL STREAMS FINAL REPORT MARCH 1967 | ARL 67-0058 |
| A NOTE ON THE MIXING OF TWO PARALLEL SUBSONIC STREAMS | ARL 66-0035 |
| CONTINUOUS GAS MIXING BY THE USE OF CRITICAL FLOW THROUGH SMALL DIAMETER TUBES | AFOSR67-1028 |
| REPRESENTATION MIXING IN U-TWO-12 | AFOSR67-1365 |
| THERMODYNAMICS OF MIXING OF N-ALKANES WITH POLYISOBUTYLENE | AFOSR66-1886 |
| THERMODYNAMICS OF MIXING POLYMETHYLENE AND POLYISOBUTYLENE | AFOSR66-1886 |
| DYNAMICS OF OPTICAL MIXING IN A HE-NE LASER | ARL 66-0033 |
| PLANAR FREE TURBULENT MIXING WITH AN AXIAL PRESSURE GRADIENT | AFOSR67-2000 |
| ANALYSIS OF FAR-FIELD MIXING WITH A PERIODIC SOURCE OF VELOCITY AT THE ORIFICE | AFOSR67-2222 |
| LOWER CASE M SUBSCRIPT J MIXING IN ORIENTED 4 SUPERSCRIPT P SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY COLLISIONS | AFOSR66-1073 |
| CONSTANT-PRESSURE LAMINAR MIXING OF A SHEAR LAYER WITH A QUIESCENT FLUID | AFOSR66-1567 |
| ON THE QUANTUM STATISTICS OF MODE MIXING IN NONLINEAR MEDIA | AFOSR67-0425 |
| A CRITICAL REVIEW OF HETEROGENEOUS MIXING PHENOMENA | ARL 67-0187 |
| SOME OBSERVATIONS ON HETEROGENEOUS MIXING INSIDE CHANNELS | ARL 67-0874 |
| PERIODIC VORTICITY AND ITS EFFECT ON JET MIXING | AFOSR67-1023 |
| COOLED PROBE DIAGNOSTICS OF DENSE PLASMA MIXING AND HEAT TRANSFER PROCESSES | ARL 67-1236 |
| DETECTION OF SUBMILLIMETER WAVES BY HARMONIC MIXING | AFOSR67-0802 |
| AN EXPERIMENTAL AND THEORETICAL STUDY OF WAVE MIXING IN A BOUNDED MAGNETOPLASMA | AFCL66-0437 |
| ANALYSIS OF FLUID DYNAMICS OF SUPERSONIC COMBUSTION PROCESS CONTROLLED BY MIXING | ARL 66-1118 |

MODEL - CONTINUED

ANHARMONIC CONTRIBUTIONS TO THE MELT-TO-SOLID FREE ENERGY OF A SIMPLE CRYSTAL MODEL HIGH-TEMPERATURE LIMIT AND ZERO-POINT INVESTIGATION OF MOTION IN CIRCULAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
 INVESTIGATION OF MOTION IN CIRCULAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
 TESTS FOR THE EQUALITY OF COVARIANCE MATRICES UNDER THE INTRACLAS CORRELATION MODEL
 NUCLEON-ANTINUCLEON CHARGE-EXCHANGE SCATTERING USING U¹⁶ 6/ AND THE ABSORPTION MODEL
 CHARGE INVARIANCE AND GROUP TRANSFORMATION PROPERTIES OF THE SCATTERING IN A DYNAMICAL MODEL
 THE FLOW FIELD IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO-DIMENSIONAL WEDGE-FLAT PLATE MODEL
 EQUILIBRIUM AIR STAGNATION POINT BOUNDARY-LAYER CALCULATIONS USING A VARIABLE HEAT OF DISSOCIATION MODEL
 DIVERGENCE OF RENORMALIZED VS CONVERGENCE OF REGULARIZED PERTURBATIVE EXPANSIONS IN A FIELD-THEORETICAL MODEL
 FINITE-TEMPERATURE TRANSPORT PROPERTIES OF NORMAL FERMI SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE MODEL

AFOSR66-0053
 ARL 67-1007
 ARL 6A-139A
 ARL 67-0205
 AFOSR66-0132
 AFOSR66-1218
 ARL 67-0005
 ARL 6C-0349
 AFOSR67-0592
 AFOSR67-0066

MODEL-INDEPENDENT

MODEL-INDEPENDENT CONTRIBUTION IN PROTON-PROTON BREMSSTRAHLUNG

AFOSR67-2677

MODELING

MATHEMATICAL MODELING IN PHYSIOLOGY
 MATHEMATICAL MODELING OF PHYSIOLOGICAL SYSTEMS
 ON REPRESENTATIONS AND MODELING IN PROBLEM SOLVING AND ON FUTURE DIRECTION FOR INTELLIGENT SYSTEMS
 THE HUMAN EYE-MOVEMENT MECHANISM EXPERIMENTS A MODELING AND MODEL TESTING FINAL REPORT JUNE 1967

ARL 6A-1266
 ARL 6B-1270
 AFOSR66-1560
 SRL 67-0005

MODELS

MODELS ANALYSIS AND APPROXIMATIONS FOR SYSTEM RELIABILITY AND AVAILABILITY
 MODELS FOR ANALYZING INFORMATION AND COMMAND SYSTEMS FINAL REPORT OCT 1966
 KINETIC MODELS FOR A GAS WITH INTERNAL STRUCTURE
 COMPUTER MODELS OF THE FIELD-EFFECT TRANSISTOR
 COMPOSITE MODELS OF HADRONS AND HIGH-ENERGY SCATTERING
 MATHEMATICAL MODELS OF PHYSIOLOGICAL SYSTEMS
 MATHEMATICAL MODELS OF PHYSIOLOGICAL SYSTEMS
 COMPLEX MIXING MODELS FOR CHEMICAL REACTION SYSTEMS FINAL REPORT MAY 1967
 TRANSMISSION LINE MODELS OF MAGNON-PHONON MODES IN FERrites PART II COUPLED MODES
 STOCHASTIC MIXING MODELS FOR CHEMICAL REACTORS
 UTILITY OF QUANTIZED MODELS OF FADING FOR ERROR ANALYSIS FINAL REPORT JAN 1968
 POSITIVE-ENERGY PARTICLE MODELS WITH MASS SPLITTING
 RELATIVISTIC ENERGY BAND MODELS FOR GERMANIUM AND GREY TIN
 CONSISTENCY CONDITIONS ON MODELS FOR HIGH-ENERGY SCATTERING
 ASYNCHRONOUS FINITE STATE MODELS OF MANUAL CONTROL SYSTEMS
 RESEARCH ON FLUID DYNAMICAL MODELS OF THE LARGE SCALE ATMOSPHERIC CIRCULATIONS FINAL REPORT APR 1967
 DEVELOPMENT AND ANALYSIS OF MODELS FOR A MAP MATCHING NAVIGATION SYSTEM
 UNSTEADY SOLUTIONS OF KINETIC MODELS WITH VELOCITY-DEPENDENT COLLISION FREQUENCY
 RESEARCH AND DEVELOPMENT OF ANALOG MODELS
 A STUDY OF DISCRETE PROPAGATION-BASED MODELS FOR PICTORIAL PATTERN ANALYSIS FINAL REPORT JUNE 1967
 THE EFFECT OF DIFFERENT SURFACE BARRIER MODELS ON THE NOTTINGHAM ENERGY EXCHANGE PROCESS
 EXPERIMENTAL EVALUATION OF VARIOUS RIGIDITY MODELS
 RESEARCH AND DEVELOPMENT OF PARALLEL-HYBRID MODELS
 THE METHOD OF ELEMENTARY SOLUTIONS FOR KINETIC MODELS WITH VELOCITY DEPENDENT COLLISION FREQUENCY
 NEW COMPARISON OF THE ANDERSON AND S-D EXCHANGE MODELS
 ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION
 ON THE EXISTENCE OF SOLUTIONS TO CERTAIN SHOCK-WAVE MODELS FINAL REPORT MAR 1968
 SLOW ELECTRON SCATTERING FROM ONE-DIMENSIONAL CRYSTAL MODELS
 ON THE EQUIVALENCE OF FINITE-STATE SEQUENTIAL MACHINE MODELS
 ON THE OSCILLATIONS AND STABILITY OF ROTATING STELLAR MODELS I MATHEMATICAL TECHNIQUES
 RADIATIVE CORRECTIONS TO LEPTONIC DECAYS AND COMPOSITE MODELS FOR STRONG INTERACTIONS
 ON METHODOLOGIES AND CONNECTIONS IN PARTITIONED LINEAR MODELS
 STUDIES IN STEREOCHEMISTRY XVIII OPEN-CHAIN VS CYCLIC MODELS FOR 1,3-ASYMMETRIC INDUCTION IN ADDITION REACTIONS
 BIOLOGICAL AND PHYSICAL REALIZATIONS OF ABSTRACT METABOLIC MODELS
 A METHOD FOR FITTING LINEARLY SEGMENTED MULTI-LAYER ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER BOUNDARY
 THE INFLUENCE OF WATER-VAPOR OPACITY AND THE EFFICIENCY OF CONVECTION ON MODELS OF LATE-TYPE STARS
 ANIMAL SONAR SYSTEM BIOLOGY AND RHEONIC VOLUMES I AND 2 SYMPOSIUM ON RHEONIC MODELS OF THE ANIMAL SONAR SYSTEM VILLA
 CONFINED AND NONCONFINED INTERCHANGE INSTABILITIES OBTAINED FROM NONLINEAR COMPUTER MODELS
 COMMENTS ON SOLUTION FOR A SHOCK WAVE OF REMOVAL DISTRIBUTION USING BHATTNAGAR-GROSS-KROOK MODELS
 ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS -- REFINEMENT OF FIRST-PRINCIPLES ENERGY BAND MODELS

AFOSR67-1438
 AFOSR66-2188
 AFOSR67-1280
 AFOSR67-1336
 ARL 6B-1100
 ARL 6B-1240
 ARL 6B-1257
 AFOSR67-2723
 AFCL67-0314
 AFOSR67-2228
 AFCL68-0031
 AFOSR66-1390
 ARL 6A-1407
 AFOSR67-1638
 AFOSR66-0455
 AFCL67-0166
 AFOSR66-2050
 AFOSR67-0692
 AFCL67-0185
 AFCL67-0467
 AFOSR66-0402
 AFCL67-0099
 AFCL68-0147
 AFOSR67-0691
 AFOSR66-1047
 AFOSR67-1766
 AFCL68-0222
 AFOSR66-0403
 AFOSR66-2104
 AFOSR66-2696
 AFOSR67-2792
 ARL 67-1184
 AFOSR67-2443
 AFOSR67-1666
 AFCL67-0198
 AFOSR65-0116
 AFOSR67-2074
 AFOSR67-0332
 AFOSR66-1230
 ARL 6A-0244

MODERN

MODERN TECHNIQUES IN ENERGY TRANSFER
 MODERN OPTICS DIRECTED TO FLOW VISUALIZATION APPLICATIONS
 MODERN ASPECTS OF RADIATION MAGNETOGASDYNAMICS
 MODERN COMPUTER SYSTEMS AND THEIR APPLICATIONS TO A RESEARCH LABORATORY
 RESEARCH IN MODERN CONTROL THEORY FINAL REPORT JUNE 1968
 SOME ASPECTS OF MODERN MATHEMATICS
 TRADITIONAL MEDICINE IN MODERN CHINA

ARL 67-1007
 ARL 67-1226
 ARL 6A-1025
 ARL 6A-1078
 AFOSR66-1969
 ARL 67-1263
 AFOSR66-0992

MODERNITY

THE ON SCALE A COMPARATIVE SOCIO-PSYCHOLOGICAL MEASURE OF INDIVIDUAL MODERNITY

AFOSR67-2205

MODERNIZATION

THE MODERNIZATION OF MAN
 POLICY OF MODERNIZATION FINAL REPORT MARCH 1966
 THE USE OF TRADITIONAL MEDIA FOR MODERNIZATION IN COMMUNIST CHINA

AFOSR67-2206
 AFOSR67-2111
 AFOSR67-0941

MODES

MODES IN STABLE AND UNSTABLE REGIONS OF THE FLAT-ROOF OPEN RESONATOR
 TWO MODES OF MOMENTUM TRANSFER FOR A STATIONARY ARC IN A TRANSVERSE MAGNETIC FIELD
 LOCAL MODES AND RESONANCE SCATTERING OF LATTICE WAVES DUE TO POINT DEFECTS OPTICAL AND THERMAL PROPERTIES OF IMPERFECT
 HIDDEN MODES AND POLE-ZERO CANCELLATION
 DECAY MODES OF THE ETA INTO 3 PIS PLUS A PHOTON & OF THE ETA INTO PI ZERO PLUS 2 PHOTONS
 HIGHER MODES IN COLLECTIVE NUCLEI
 HELICON MODES IN PURE TYPE-II SUPERCONDUCTORS IN THE HIGH-FIELD REGION
 SELF-LOCKING OF MODES IN THE ARGON-ION LASER
 LOCALIZED VIBRATIONAL MODES OF LITHIUM IN LITHIUM-DIFFUSED P-TYPE GaAs
 STABILIZATION OF HELICAL MODES BY MAGNETIC BELLS
 THE PARAMETRIC COUPLING OF MODES OF PROPAGATION IN NONLINEAR MEDIA
 OBSERVATION OF LOCALIZED PHONON MODES BY SUPERCONDUCTIVE TUNNELING
 PRELIMINARY CALCULATIONS OF LOCAL MODES IN CDS
 TRANSMISSION LINE MODELS OF MAGNON-PHONON MODES IN FERrites PART II COUPLED MODES
 ZERO PHONON LINES IN DIAMOND AND LOCALIZED MODES
 LANDAU DAMPING AND GROWTH OF ELECTROSTATIC MODES WITH EFFECTS OF SPATIAL VARIATION
 INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES FINAL REPORT FEB 1967 PART II
 INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES FINAL REPORT MAR 1968
 THEORY OF A LATTICE VIBRATION ABSORPTION BY GAP MODES AND RESONANCE MODES IN KI

AFCL67-0357
 ARL 6B-1333
 AFOSR66-1094
 AFOSR67-0828
 AFOSR67-1749
 ARL 6B-1091
 AFOSR67-1743
 AFOSR67-1277
 AFOSR67-2216
 AFOSR67-2176
 AFOSR66-0227
 AFOSR66-1557
 ARL 67-1321
 AFCL67-0314
 AFCL67-0139
 AFOSR67-2049
 AFCL67-0171
 AFCL68-0211
 AFOSR66-1472

MODES

- CONTINUED

A NONLINEAR COMPUTER MODEL APPLICABLE TO LOW-TEMPERATURE PLASMA INTERCHANGE MODES IN TWO DIMENSIONS
THEORY OF A LATTICE VIBRATION ABSORPTION BY GAP MODES AND RESONANCE MODES IN K1
TRANSMISSION LINE MODELS OF MAGNON-PHONON MODES IN FERRITES PART II COUPLED MODES
QUANTUM STRUCTURE IN THE DIELECTRIC FUNCTION OF METALS AND ANOMALOUS PROPAGATION MODES
IMPURITY-INDUCED SECOND-HARMONIC INFRARED ABSORPTION AND RAMAN SCATTERING BY U-CENTER LOCALIZED MODES IN ALKALI-HALIDE
AFOSR68-0079
AFOSR68-1472
AFCL67-0314
AFOSR68-1788
AFOSR68-0994

MODIFICATION

MODIFICATION OF BACKSCATTERING OF A LOOP BY IMPEDANCE LOADING
MODIFICATION OF THE MODEL 25AC SIMONIAN DOUBLE-SPECTRUM ANALYZER FOR IMPROVED EXTRACTION OF PITCH DATA
MODIFICATION OF CHEMICAL PROPERTIES OF IRON CYANIDES IN SOLID SOLUTIONS
MODIFICATION OF A TIME-OF-FLIGHT MASS SPECTROMETER FOR INVESTIGATION OF ION-MOLECULE REACTIONS AT ELEVATED PRESSURES
A MODIFICATION OF THE MOFFMAN-FLEISHER GRID SHOCK SCRAMBLER
RAPID MODIFICATION OF ISOLATION-INDUCED AGGRESSIVE BEHAVIOR AND ELEVATION OF BRAIN CATECHOLAMINES AND SEROTONIN BY THE
SOCIAL PRESSURE IN THE MODIFICATION AND DISTORTION OF JUDGMENT
ON THE SCATTERING AND THE MODIFICATION OF SCATTERING OF WAVES FROM A LONG WIRE
EXPERIMENTAL INVESTIGATION OF THE MODIFICATION OF THE BACKSCATTERING CROSS SECTIONS OF METALLIC OBJECTS
CONJECTURE CONCERNING AN ASYMPTOTIC MODIFICATION OF THE YVON-BORN-GREEN EQUATION FOR FLUIDS OF RIGID SPHERES AND DISKS
ELECTRON ATTACHING ADDITIVES FOR THE MODIFICATION OF RE-ENTRY PLASMAS
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME V WEATHER MODIFICATION
AFCL67-0429
AFCL68-0114
AFOSR68-2844
ARL 68-0084
AFOSR67-1050
AFOSR68-2732
AFOSR67-1722
AFCL68-0280
AFCL68-0549
AFOSR68-0785
AFCL67-0214
AFOSR68-2095

MODIFIED

MODIFIED INTERIOMIC POTENTIAL FOR THE ALKALI METALS
MODIFIED BORN APPROXIMATION AND ELASTIC SCATTERING BY WEAK CENTRAL POTENTIALS
A MODIFIED RESIDUE CALCULUS TECHNIQUE
A MODIFIED TIME-OF-FLIGHT MASS SPECTROMETER FOR HIGH PRESSURE STUDIES OF IONIC REACTIONS
MEASUREMENT OF PARALLEL /SPLITTER/ SLITS WITH A MODIFIED WEISSENBERG GONIOMETER
SYSTEMS ANALYSIS AND ADDITIONAL INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND PULSE DOPPLER RADAR
DOPPLER SIGNAL ANALYSIS AND PROCESSING TECHNIQUES FOR MODIFIED PORCUPINE/ C-BAND PULSE DOPPLER RADAR FINAL REPORT FEB
THE SPARSA ATMOSPHERIC ELECTRICITY DETECTION SYSTEM AS MODIFIED BY THE ADDITION OF THE IMAGE STORAGE TUBE
A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE REACTIONS IN THE SYSTEM BORON TRIFLUORIDE-METHANOL A MODIFIED
AFOSR68-0702
AFOSR68-2560
AFCL68-0070
ARL 67-1131
AFOSR67-1755
AFCL67-0182
AFCL68-0176
AFCL67-0183
AFOSR67-2478

MODIFY

A FURTHER ATTEMPT TO MODIFY HYPNOTIC SUSCEPTIBILITY THROUGH REPEATED INDIVIDUALIZED EXPERIENCE
AFOSR67-2724

MODULAR

MODULAR VARIABLES IN QUANTUM THEORY FINAL REPORT NOV 1967
STUDY OF MODULAR SYNTHESIS OF SEQUENTIAL MACHINES FINAL REPORT AUG 1967
UNIVERSAL LOGIC CIRCUITS AND THEIR MODULAR REALIZATIONS
AFCL68-0127
AFCL67-0484
AFOSR68-1959

MODULARITY

MODULARITY IN DESIGN THE APPLICATION OF SHIFT REGISTERS IN SECONDARY STATE ASSIGNMENT
AFOSR68-1300

MODULATED

MODULATED LIGHT SOURCE FOR ELECTRO-OPTICAL ANALYSIS OF SPECTRAL LINES
NON-STEADY MODULATED MHD SYSTEMS
QUANTUM THEORY OF INTERNALLY MODULATED LASERS
SPURIOUS SECOND HARMONICS FROM MODULATED LANGMUIR PROBES
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES FINAL REPORT APRIL 1968
A M H D PLANT COMBUSTION TECHNIQUES AND SEEDING VII TEMPERATURE AND VELOCITY MODULATED M H D SYSTEMS
SCATTERING AND PROPAGATION OF ELECTROMAGNETIC WAVES IN ROUNDED PARAMETRICALLY MODULATED MEDIA
ARL 67-1193
AFOSR68-1274
AFCL67-0119
ARL 67-0323
AFOSR67-1808
AFOSR68-1757
AFOSR68-1179
AFOSR68-1862

MODULATING

SELF MODULATING DERIVATIVE OPTICAL SPECTROSCOPY PART II EXPERIMENTAL
AFOSR67-1656

MODULATION

MODULATION OF TRANSMISSION OF OPTIC NERVE IMPULSES IN THE ALERT CAT: EVIDENCE OF PRESYNAPTIC INHIBITION OF PRIMARY
MODULATION AND DETECTION OF COHERENT OPTICAL RADIATION FINAL REPORT FEB 1967
SOLAR MODULATION AND THE ENERGY DENSITY OF GALACTIC COSMIC RAYS
ENERGY-DEPENDENT MODULATION IN AURORAL X-RAY PULSATIONS
THE 11-YEAR SOLAR MODULATION OF COSMIC RAYS AS DEDUCED FROM DEC 1967 ENERGIES
HOT-CARRIER INSB MICROWAVE MODULATION
DIMENSION OF THE COSMIC RAY MODULATION REGION
THE EFFECT OF LINEAR FREQUENCY MODULATION ON ANGULAR RESOLUTION AND POINTING ACCURACY
IMAGE ORTHICON WITH IMPROVED BEAM MODULATION FACTOR
CENTRAL AND PERIPHERAL MECHANISMS IN THE MODULATION OF FLASHING IN THE FIREFLY LUCIOLA ITALICA L
RINARY DETECTION IN AN OPTICAL POLARIZATION MODULATION COMMUNICATION CHANNEL
DEVELOPMENT AND EVALUATION OF 1200 BPS DELTA MODULATION FOR THE KY-585/U VOCODER
AC SUPERCONDUCTING SQUID FOR KILOGAUSS FIELD MODULATION
OPTIMIZATION OF DISCRETE-TIME SYSTEMS WITH CONTINUED MODULATION
ON THE FEASIBILITY AND OPTIMIZATION OF LINEAR FREQUENCY MODULATION IN DIGITAL SIGNALLING
NUCLEAR SPIN-LATTICE RELAXATION MEASUREMENTS BY TONE-BURST MODULATION
A NONLINEAR DISCRETE SYSTEM EQUIVALENCE OF INTEGRAL PULSE FREQUENCY MODULATION SYSTEMS
THE HELIOCENTRIC INTENSITY GRADIENTS OF COSMIC-RAY PROTONS AND HELIUM DURING MINIMUM SOLAR MODULATION
AFOSR67-0557
AFOSR68-0266
AFOSR67-1723
AFOSR68-0484
AFCL68-0051
AFOSR68-0963
AFOSR67-1611
AFCL67-0680
ARL 67-1194
AFOSR68-2716
AFOSR67-1472
AFCL67-0001
AFOSR67-1681
AFOSR68-2694
AFOSR68-1651
ARL 68-0123
AFOSR68-2323
AFOSR67-1190

MODULATOR

IMPROVED SWEEP MODULATOR FOR HIGH DC VOLTAGES
AFOSR68-2709

MODULATORS

OSCILLATORS MODULATORS AND MIXERS SUITABLE FOR INTEGRATED CIRCUIT REALIZATION
ELECTROOPTIC JUNCTION MODULATORS
AFOSR67-1178
AFOSR68-1190

MODULE

ALGEBRAIC STRUCTURE OF LINEAR DYNAMICAL SYSTEMS I THE MODULE OF SIGMA
AFOSR67-1469

MODULES

INVESTIGATION OF LOGIC CIRCUIT COMPLEXES UNIVERSAL FUNCTION MODULES FINAL REPORT APR 1967
AFCL67-0243

MODULE

HIGH TEMPERATURE ELASTIC MODULE OF ALUMINUM
ARL 68-1457

| | |
|---|--------------|
| MODULUS | |
| THE LOCAL RING OF THE GENUS THREE MODULUS SPACE AT KLEINS IRR SURFACE | AFOSR67-2388 |
| MOFFSBauer | |
| MEISSRAUER EFFECT AND LIFETIME OF THE AR-S KEY LEVEL OF 183 V | AFOSR68-0998 |
| MOFFITT | |
| THE CALCULATION OF PARAMETERS OF THE MOFFITT EQUATION FOR ROTATORY DISPERSION DATA | AFOSR67-0836 |
| MONN | |
| PRELIMINARY DEPTH CONTOUR MAPS FOR THE CONRAD AND MONO DISCONTINUITIES IN EUROPE | AFCL67-0492 |
| MOISTURE | |
| DEGRADATION OF IMAGERY FROM OPTICAL-MECHANICAL SCANNERS MOISTURE CONDENSATION ON OPTICS | AFCL67-0398 |
| MOJAVE | |
| PAST VERSUS PRESENT WIND ACTION IN THE MOJAVE DESERT REGION CALIFORNIA | AFCL67-0863 |
| MOLAR | |
| /STUDIES CONCERNING HYDROLYSIS OF METALLIC IONS 95. VANADIUM /III/ IN 3 MOLAR KCL MEDIUM/ | AFOSR67-1294 |
| /SPANISH/ STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS XIII POLYMERIZATION OF TELLURATES IN ONE MOLAR NaCl SOLUTION | AFOSR67-1306 |
| A CALOMETRIC AND POTENTIOMETRIC STUDY OF MERCURIC BROMIDE SYSTEMS AT 25 DEGREES CENTIGRADE IN THREE MOLAR SODIUM | AFOSR67-1312 |
| MOLLECULAR | |
| MOLLECULAR PHOTOCHEMISTRY IV SOLUTION PHOTOCHEMISTRY OF CYCLOBUTANONE AND SOME DERIVATIVES | AFOSR67-1516 |
| MOLLECULAR PHOTOCHEMISTRY | AFOSR67-1672 |
| MOLLECULAR PHOTOCHEMISTRY V PHOTOCYCLOADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS | AFOSR67-2165 |
| MOLLECULAR BIOLOGY APPLICATIONS OF MASS SPECTROMETRY FINAL REPORT DEC 1967 | AFOSR68-0529 |
| MOLLECULAR BEAM SCATTERING FROM SOLID SURFACES | AFOSR68-0846 |
| MOLLECULAR BAND INTENSITIES IN G AND K STARS | AFOSR68-0994 |
| MOLLECULAR THERMODYNAMICS OF SIMPLE LIQUIDS | AFOSR68-1314 |
| MOLLECULAR PHOTOCHEMISTRY VIII EVIDENCE FOR A SINGLET-STATE COMPLEX IN THE PHOTOCYCLOADDITION OF ACETONE TO TRANS-1,2- | AFOSR68-1727 |
| MOLLECULAR ORBITAL STUDIES OF THE GROUND AND LOW-LYING EXCITED STATES OF THE HELIUM HYDRIDE MOLECULAR ION | AFOSR68-2080 |
| MOLLECULAR VELOCITY DISTRIBUTION-FUNCTION MEASUREMENTS IN A FLOWING GAS | AFOSR68-2553 |
| MOLLECULAR CHARGE TRANSFER REACTIONS | ARL 68-1236 |
| MOLLECULAR CHARGE TRANSFER REACTIONS | ARL 68-1239 |
| FREE MOLECULAR FLOW IN A CIRCULAR TUBE OF FINITE LENGTH | ARL 67-1070 |
| FREE MOLECULAR FLOW THROUGH A CIRCULAR TUBE OF FINITE LENGTH | ARL 68-0114 |
| MULTIPLE MOLECULAR FORMS OF CREATINE KINASES | AFOSR68-1986 |
| ATOMIC AND MOLECULAR KINETICS ON SOLID SURFACES FINAL REPORT FEB 1968 | AFOSR68-0456 |
| ATOMIC AND MOLECULAR SPECTROSCOPY | ARL 68-1131 |
| HIGH ENERGY MOLECULAR BEAMS FINAL REPORT JAN 1968 | AFCL68-0189 |
| ADVANCES IN MOLECULAR BIOLOGY AND PROJECTIONS FOR 2000 A.D. | ARL 68-1010 |
| SCATTERING OF MOLECULAR BEAMS OF HE OSUB2 AND HSUB2 FROM THE /III/ PLANE OF AG | AFOSR67-2052 |
| PRODUCTION OF MOLECULAR NITROGEN/A TRIPLET SIGMA/ AND CARBON MONOXIDE /A TRIPLET PI/ BY MERCURY PHOTOCYCLIZATION | AFOSR68-1420 |
| DISCUSSION OF MOLECULAR ORBITAL AND BAND-THEORY CALCULATIONS | ARL 68-1406 |
| THE CRYSTAL AND MOLECULAR STRUCTURE OF 1-METHYLAMINO-7-METHYLIMINO-1,3,6-CYCLOHEPTATRIENE | AFOSR68-0482 |
| THE CRYSTAL AND MOLECULAR STRUCTURE AND THE SOLUTION CONFORMATION OF DIMETHYL GOLD /III/ HYDROXIDE AN INORGANIC | AFOSR68-2863 |
| RECENT STUDIES OF MOLECULAR BEAM SCATTERING FROM CONTINUOUSLY DEPOSITED GOLD FILMS | AFOSR68-2210 |
| FORMATION OF EXCITED MOLECULAR STATES IN THE POSITIVE COLUMN OF A HELIUM DISCHARGE | AFOSR67-0532 |
| ON THE BEHAVIOR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE ADDITIONAL THEORETICAL STUDY FOR NORMAL INCIDENCE | AFOSR68-1746 |
| CRYSTAL STRUCTURE AND MOLECULAR MOTION OF SOLID CARBON DISULFIDE | AFOSR68-1813 |
| RECENT DEVELOPMENTS IN MOLECULAR SPECTROSCOPY | ARL 67-1306 |
| OPEN-SHELL HARTREE-FOCK MOLECULAR ORBITAL THEORY OF TRANSITION METAL ION COMPLEXES /KNIPSUB3/ POTASSIUM NICKEL FLUORIDE | AFOSR67-1633 |
| INTERMEDIATE EXCITONS IN MOLECULAR CRYSTALS A STUDY OF THE EXCITED STATES OF CRYSTALLINE IODINE | AFOSR68-2445 |
| LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY | AFOSR67-0275 |
| LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY | AFOSR67-0276 |
| LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER DATA III | AFOSR67-0277 |
| PLASMA DENSITY MEASUREMENT BY MOLECULAR ION BREAKUP | AFOSR67-1024 |
| SOME NEW RELATIONS CONNECTING MOLECULAR PROPERTIES AND ELECTRON AND X-RAY DIFFRACTION INTENSITIES | AFOSR67-1154 |
| RADIATIONLESS TRANSITIONS AND MOLECULAR QUANTUM BEATS | AFOSR68-2004 |
| ALTERNATE GRADIENT FOCUSING OF MOLECULAR BEAMS | AFOSR67-0024 |
| CONCERNING THE UNIQUENESS OF A MOLECULAR FIELD SOLUTION FOR TWO MAGNETIC SUBLATTICES | AFOSR68-0593 |
| BIOLOGICAL SIGNIFICANCE OF HIGH MOLECULAR WEIGHT POLYPEPTIDES FINAL REPORT JUNE 1967 | AFOSR67-1208 |
| DRAG ON AN OBJECT IN NEARLY-FREE MOLECULAR FLOW | AFOSR67-1244 |
| A METHOD FOR TESTING AND IMPROVING MOLECULAR CONSTANTS OF DIATOMIC MOLECULES WITH SPECIAL REFERENCE TO BROMINE | AFOSR68-0687 |
| INFLUENCE OF ELECTRIC FIELDS ON THE MOLECULAR ALIGNMENT IN THE LIQUID-CRYSTAL PARA-AZOXYANISOLE | AFOSR67-1698 |
| TWO X-RAYS WITH ENHANCED BANDS OF MOLECULAR CARBON | AFOSR68-2138 |
| RESONANT-POTENTIAL THEORY OF ATOMIC AND MOLECULAR RYDBERG STATES | AFOSR67-0092 |
| A STUDY OF THE ELECTRIC REFLECTION OF MOLECULAR BEAMS | AFOSR67-1971 |
| GAS CHROMATOGRAPHIC SEPARATION OF LOW MOLECULAR WEIGHT FLUOROCARBONS | AFOSR68-1199 |
| A STUDY OF THE ELECTRIC DEFLECTION OF MOLECULAR BEAMS | AFOSR68-1879 |
| RESEARCH DIRECTED TOWARDS THE STUDY OF MOLECULAR BAND INTENSITIES AND DERIVED QUANTITIES FINAL REPORT MAY 1967 | AFCL67-0306 |
| ORGANOMETALLIC SULFUR COMPLEXES VI THE MOLECULAR STRUCTURE A TRICYCLIC COMPLEX TRICOBALT ENNEACARBONYL SULFIDE | AFOSR67-1714 |
| INTERMOLECULAR POTENTIAL ENERGIES BY A MOLECULAR BEAM SCATTERING METHOD | AFOSR67-2011 |
| USE OF MODEL POTENTIALS IN THE STUDY OF MOLECULAR RYDBERG STATES | AFOSR68-1185 |
| ORGANOMETALLIC SULFUR COMPLEXES VIII THE MOLECULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGED DIMERIC COMPLEX OF MOLYBDENUM | AFOSR67-2210 |
| PLASMA DENSITY CONTOUR MEASUREMENTS USING MOLECULAR ION BEAM BREAKUP | AFOSR67-2711 |
| HIGH INTENSITY NOZZLE BEAM SOURCE FOR USE IN MOLECULAR TOTAL CROSS SECTION MEASUREMENTS | AFOSR68-0905 |
| MILLIMETER- AND SUBMILLIMETER-WAVE SPECTRA AND MOLECULAR CONSTANTS OF SILVER CHLORIDE | AFOSR67-0380 |
| TEMPERATURE DEPENDENCE OF ATOM-ATOM POTENTIAL IN MOLECULAR CRYSTALS | AFOSR68-0929 |
| ENERGETICS OF MUSCLE ACTIVITY IN RELATION TO THE MOLECULAR PHYSIOLOGY OF THE CONTRACTION PROCESS FINAL REPORT DEC 1966 | AFOSR68-1635 |
| MICROWAVE SPECTRUM VIBRATION-ROTATION INTERACTION MOLECULAR STRUCTURE AND DIPOLE MOMENT OF 1-METHYLPENTANORANE /9/ | AFOSR68-2808 |
| COLLISION-INDUCED DISSOCIATION OF DIENERGIC POSITIVE MOLECULAR IONS BY ARGON AND NITROGEN | AFOSR67-1375 |
| SOME COMMENTS ON THE PROPERTIES OF TRIPLET EXCITONS IN MOLECULAR CRYSTALS | AFOSR68-0430 |
| CORRECTION TO THE ENERGY OF A CRYSTAL IN THE /ALTERNATE MOLECULAR ORBITAL/ APPROXIMATION | AFOSR67-1970 |
| POPULATION INVERSION AND LASER OSCILLATION IN ATOMIC AND MOLECULAR GASES | AFOSR67-0380 |
| ENERGETIC AND ANGULAR STUDIES OF /ARGON-DEUTERIUM POSITIVE MOLECULAR ION AND NITROGEN-DEUTERIUM POSITIVE MOLECULAR | AFOSR67-1374 |
| WKB CALCULATION OF VIBRATIONAL TRANSITION PROBABILITIES IN MOLECULAR COLLISIONS | AFOSR68-2253 |
| AN ASSESSMENT OF THE INFLUENCE OF A METAL-METAL BOND ON THE MOLECULAR GEOMETRY OF AN ORGANOMETALLIC LIGAND-BRIDGED | AFOSR67-0740 |
| THE ROTATION-TRANSLATION-COUPLING EFFECT IN MOLE-GAS CRYSTALS CONTAINING MOLECULAR IMPURITIES | AFCL67-0641 |
| FURTHER INVESTIGATIONS ON THE MICROWAVE SPECTRUM OF NSF EVALUATION OF THE MOLECULAR FORCE FIELD CENTRIFUGAL DISTORTION | AFOSR68-1134 |
| FORMATION AND ISOLATION OF RAHAIT ANTIBODIES TO A SYNTHETIC ANTIGEN OF LOW MOLECULAR WEIGHT | AFOSR67-2349 |
| COMPARATIVE STUDIES OF THE ATTACK OF PYROLYTIC AND ISOTROPIC GRAPHITE BY ATOMIC AND MOLECULAR OXYGEN AT HIGH | AFOSR68-1286 |
| MOLECULAR ORBITAL STUDIES OF THE GROUND AND LOW-LYING EXCITED STATES OF THE HELIUM HYDRIDE MOLECULAR ION | AFOSR68-2080 |
| COMMENTS ON THE INFLUENCE OF INTERMEDIATE EXCITONS AND EXCHANGE FORCES ON THE INTERACTION IN MOLECULAR CRYSTALS THE | AFOSR67-2164 |
| AN EXPERIMENTAL DETERMINATION OF THE OSCILLATOR STRENGTHS FOR SOME TRANSITIONS IN THE LYMAN BANDS OF MOLECULAR HYDROG | AFOSR68-2503 |
| ENERGETIC AND ANGULAR STUDIES OF /ARGON-DEUTERIUM POSITIVE MOLECULAR ION AND NITROGEN-DEUTERIUM POSITIVE MOLECULAR | AFOSR67-1374 |

| | |
|--|--------------|
| MOLFCULAR-BEAM | |
| MOLFCULAR-BEAM SCATTFRRING FROM THE /111/ PLANE OF SILVER | AFOSR68-2220 |
| MOLFCULAS | |
| ON THE BEHAVIOUR OF A MOLFCULAS BEAM SCATTERED BY A SOLID SURFACE THEORETICAL STUDY FOR NORMAL INCIDENCE | AFOSR68-1734 |
| MOLFCULE | |
| ION MOLFCULR REACTIONS | ARL 67-1170 |
| ION POLAR MOLFCULE REACTIONS/ ENERGY DEPENDENCY OF HYDROGEN ATOM AND ION TRANSFER IN THE METHANOL-ACETALDEHYDE SYSTEM | ARL 68-1331 |
| ISOTOPE EFFECTS IN ION MOLFCULE REACTIONS | ARL 67-1239 |
| SIMPLE AND FUNCTION FOR THE LITHIUM MOLFCULE | AFOSR68-1069 |
| SCALED AND CALCULATIONSON THE HYDROGEN MOLFCULE I THE TRIPLET EXCITED STATE | AFOSR68-2281 |
| SCALED AND CALCULATIONSON THE HYDROGEN MOLFCULE II | AFOSR68-2568 |
| THEORY OF RADIATIONLESS TRANSITIONS IN AN ISOLATED MOLFCULE | AFOSR68-2450 |
| THE FLOW UNSTABILITY OF A BLUNT BODY IN HYPERSONIC FLOW FROM CONTINUUM TO NEARLY FREE MOLFCULE CONDITIONS | ARL 68-1109 |
| COMMENT ON THE DEVIATION FROM AN INVERSE FIFTH POWER POTENTIAL IN THE SCATTERING OF A POLAR MOLFCULE BY NONPOLAR GASES | AFOSR67-2736 |
| MOLFCULES | |
| GEOMETRY OF MOLFCULES III OXYGEN DIFLUORIDE LITHIUM OXIDE HYDROGEN HYPOFLUORITE LITHIUM HYDROXIDE | AFOSR67-2464 |
| GEOMETRY OF MOLFCULES I WAVEFUNCTIONS FOR SOME SIX-AND EIGHT-ELECTRON POLYHYDRIDES | AFOSR67-2467 |
| GEOMETRY OF MOLFCULES II DIORANE AND ETHANE | AFOSR67-2468 |
| THE REACTION OF MOLFCULES IN EXCITED ELECTRONIC STATES WITH PARAMAGNETIC GASES FINAL REPORT FEB 1967 | AFOSR67-0280 |
| PRODUCTION OF NITROGEN MOLFCULES /A-TRIPLET-SIGMA/ AND CARBON MONOXIDE /A-TRIPLET-PI/ BY MERCURY /SINGLET-P-/ | AFOSR68-2605 |
| OPTICAL ANISOTROPY OF CHAIN MOLFCULES THEORY OF DEPOLARIZATION OF SCATTERED LIGHT WITH APPLICATION TO N-ALKANES | AFOSR68-0260 |
| GROUND STATES OF CONJUGATED MOLFCULES. IX. HYDROCARBON RADICALS AND RADICAL IONS | AFOSR68-1598 |
| GROUND STATES OF CONJUGATED MOLFCULES X 10P NMR CHEMICAL SHIFTS IN ARYL FLUORIDES | AFOSR68-1988 |
| RATES OF EXCHANGE OF SOLVENT MOLFCULES WITH PARAMAGNETIC IONS FINAL REPORT FEB 1967 | AFOSR67-0683 |
| RATES OF EXCHANGE OF SOLVENT MOLFCULES WITH PARAMAGNETIC IONS FINAL REPORT OCT 1967 | AFOSR67-2387 |
| CHEMICAL CHARACTERIZATION OF MOLFCULES ADSORBED ON A FOREIGN SOLID FINAL REPORT NOV 1968 | AFOSR68-2774 |
| GROUND STATES OF SIGMA-BONDED MOLFCULES I A SEMIEMPIRICAL SCF MO TREATMENT OF HYDROCARBONS | AFOSR67-1733 |
| GROUND STATES OF SIGMA-BONDED MOLFCULES II STRAIN ENERGIES OF CYCLOPROPANES AND CYCLOPROPENES | AFOSR67-2287 |
| ELECTRONIC STRUCTURE OF ORGANIC MOLFCULES AND ORGANIC SEMICONDUCTORS FINAL REPORT JUNE 1967 | AFOSR67-0817 |
| THE ELECTRONIC SPECTRA OF SIMPLE MOLFCULES FINAL REPORT JULY 1968 | AFOSR68-1852 |
| RAYLEIGH SCATTERING BY REAL CHAIN MOLFCULES | AFOSR68-1697 |
| STEREOCHEMICAL EQUILIBRIUM IN CHAIN MOLFCULES | AFOSR67-1296 |
| AN INVESTIGATION OF THE ORDERING OF MOLFCULES IN THE ANISOTROPIC LIQUID PHASE OF LIQUID CRYSTALS FINAL REPORT 1967 | AFOSR67-2622 |
| SELECTIVE ENHANCEMENT IN HYDROGEN-LIKE MOLFCULES WITH THE RARE GASES II: SUB2 WITH AR AND KR | AFOSR67-0040 |
| ELEMENTARY EXCITATIONS IN PI-ELECTRON MOLFCULES | AFOSR68-0118 |
| EXTENDED HUCKEL THEORY AND THE SHAPE OF MOLFCULES | AFOSR67-2465 |
| THEORY OF OPTICAL ABSORPTION BY DIATOMIC MOLFCULES ENBEDDED IN RARE GAS CRYSTALS | AFOSR68-0420 |
| VALENCE SMOEL CALCULATIONS ON POLYATOMIC MOLFCULES II CNDO SCF CALCULATIONS ON MONOSUBSTITUTED BENZENES | AFOSR68-1142 |
| GLORY SCATTERING OF LITHIUM BY A SERIES OF MOLFCULES I DIATONICS | AFOSR68-2428 |
| THE DAMPING OF TURBULENT FLOW BY LONG-CHAIN MOLFCULES | AFOSR67-2369 |
| HYPERPOLARIZABILITIES OF SOME POLAR DIATOMIC MOLFCULES | AFOSR67-1556 |
| ANALYTICAL POTENTIAL FUNCTIONS OF POLYATOMIC MOLFCULES FINAL REPORT DEC 1967 | AFOSR68-0125 |
| SOME ASPECTS OF ENERGY DEGRADATION OF EXCITED MOLFCULES | AFOSR68-2870 |
| CONFIGURATIONAL DISTRIBUTIONS FOR FINITE CHAIN MOLFCULES | AFOSR68-2430 |
| STUDIES OF UNIMOLECULAR REACTIONS OF TRIATOMIC MOLFCULES | ARL 67-1091 |
| CERTAIN COLLISIONS BETWEEN PHOTONS AND DIATOMIC MOLFCULES FINAL REPORT MAY 1967 | AFOSR67-0352 |
| THE INVESTIGATION OF DOUBLE-MINIMUM POTENTIALS IN MOLFCULES | AFOSR67-0015 |
| INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLFCULES I SENSITIZED FLUORESCENCE AND QUENCHING IN CS- NSUB2 | AFOSR67-1144 |
| INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLFCULES II THE QUENCHING OF SODIUM RESONANCE RADIATION BY N | AFOSR67-2675 |
| PRIMARY PHOTOCHEMICAL PROCESSES IN SOME SIMPLE AROMATIC MOLFCULES | AFOSR68-2011 |
| COUPLING BETWEEN NUCLEAR AND ELECTRONIC MOTION IN DIATOMIC MOLFCULES | AFOSR67-1975 |
| PHOTOELECTRIC EMISSION FROM DONOR-ACCEPTOR SOLIDS AND DONOR MOLFCULES | AFOSR68-1257 |
| VIBRATIONAL EFFECTS IN RADIATIONLESS TRANSITIONS IN AROMATIC MOLFCULES | AFOSR68-0668 |
| ON THE PROBABILITY OF INTERMOLECULAR ENERGY TRANSFER IN POLAR MOLFCULES | AFOSR68-0719 |
| ENVIRONMENTAL EFFECTS ON THE INFRARED FREQUENCIES OF POLYATOMIC MOLFCULES EVALUATION OF PERTURBATION-THEORY PARAMETERS | AFOSR67-0235 |
| PRESSURE SHIFTS OF INFRARED LINES LOW LOW-TEMPERATURE SPECTRA OF MOLFCULES AND TECHNIQUES OF INTERFERENCE SPECTROSCOPY | AFOSR68-0490 |
| THE IONIZATION ENERGIES OF SOME PHENOTHAZINE TRANQUILLIZERS AND MOLFCULES OF SIMILAR STRUCTURE | AFOSR68-1254 |
| TEMPERATURE DEPENDENCE OF INTERMOLECULAR ENERGY TRANSFER IN POLAR MOLFCULES | AFOSR68-1733 |
| EFFECT OF BOND FORMATION ON ELECTRON SCATTERING CROSS SECTIONS FOR MOLFCULES | AFOSR68-0710 |
| A METHOD FOR TESTING AND IMPROVING MOLFCULAR CONSTANTS OF DIATOMIC MOLFCULES WITH SPECIAL REFERENCE TO BROMINE | AFOSR68-0667 |
| THEORETICAL STUDIES ON INELASTIC COLLISIONS OF ELECTRONS WITH ATOMS AND MOLFCULES FINAL REPORT MAY 1968 | AFOSR68-0290 |
| FUNDAMENTAL STUDIES RELATING TO THE RADIATION CHEMISTRY OF SMALL ORGANIC MOLFCULES FINAL REPORT JAN 1967 | ARL 67-0114 |
| CAGE REACTIONS OF 1-BUTOXY RADICALS EFFECTS OF VISCOSITY AND OF INTERVENING MOLFCULES | AFOSR68-0436 |
| MOST FAVORABLE ORIENTATION FOR VIBRATIONAL TRANSITIONS IN ASYMMETRIC DIATOMIC MOLFCULES | AFOSR68-1962 |
| A BENT BOND MODEL FOR THE VIBRATIONAL FORCE CONSTANTS OF NON-PLANAR XY SUB-THREE MOLFCULES | AFOSR68-0155 |
| THE RELATION BETWEEN THE ELECTRONIC OSCILLATOR STRENGTH AND THE WAVELENGTH FOR DIATOMIC MOLFCULES | AFOSR67-1013 |
| MOLFCULR | |
| SPIN DEGENERACY IN THE AMO METHOD EXCITED STATES OF THE BENZENE MOLFCULE | AFOSR68-2565 |
| MOLITONIC | |
| MOLITONIC LATTICES THE ORGANIC SEMICONDUCTORS TMPO/CI04 AND TMPO/CHLORANIL FINAL REPORT MAY 1967 | AFOSR67-0554 |
| MOLODENSKYS | |
| SUCCESSIVE APPROXIMATION OF SOLUTIONS OF MOLODENSKYS BASIC INTEGRAL EQUATION | AFOSR67-0506 |
| IN THE USE OF THE TERRAIN CORRECTION IN SOLVING MOLODENSKYS PROBLEM | AFOSR68-0298 |
| MOLTFN | |
| MOLTFN SALTS HANDBOOK | AFOSR67-2706 |
| STUDIES OF MOLTFN ALUMINA IN THE ARC-IMAGE FURNACE | AFOSR67-0564 |
| DIFFUSION OF DISSOLVED GASES IN MOLTFN CONDENSATION POLYMERS | ARL 68-0056 |
| MOLYBDATES | |
| AXIAL MAGNETIC ANISOTROPY IN THE HEAVIER RARE EARTH SODIUM MOLYBDATES | AFOSR68-1462 |
| MAGNETIC SUSCEPTIBILITIES OF THE HEAVIER RARE EARTH SODIUM MOLYBDATES | AFOSR68-2743 |
| MOLYBDENUM | |
| SOLID STATE STUDIES OF POTASSIUM MOLYBDENUM BROMIDES | AFOSR67-2621 |
| CHEMISORPTION OF CARBON MONOXIDE ON MOLYBDENUM | AFOSR67-1695 |
| KINETICS OF THE ATTACK OF HIGH-TEMPERATURE MOLYBDENUM AND TUNGSTEN BY ATOMIC OXYGEN | AFOSR67-1986 |
| HIGH SUPERCONDUCTING TRANSITION TEMPERATURES IN THE MOLYBDENUM CARBIDE FAMILY OF COMPOUNDS | AFOSR67-2574 |
| ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XX SOME REACTIONS OF ACETONITRILE DERIVATIVES OF MOLYBDENUM AND | AFOSR67-1573 |
| ORGANOMETALLIC SULFUR COMPLEXES VIII THE MOLFCULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGED DIMERIC COMPLEX OF MOLYBDENUM | AFOSR67-2210 |

MOLYBDENUM-RHENIUM

MAGNETIC PROPERTIES OF SUPERCONDUCTING MOLYBDENUM-RHENIUM * LOYS

AFOSR67-1010

MOMENT

MOMENT METHOD APPROXIMATION FOR THE VISCOSITY OF SIMPLE LIQUIDS APPLICATION TO ARGON
MAGNETIC MOMENT TO SECOND ORDER FOR AXISYMMETRIC STATIC FIELD
MAGNETIC MOMENT MEASUREMENTS IN SINGLE-CRYSTAL DYSPROSIUM HOLMIUM EUROPIUM AND GADOLINIUM IN DC FIELDS UP TO 170 KG
MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND UP TO 190 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC
MAGNETIC MOMENT OF PD TO 150 KG LIMITS OF EXCHANGE ENHANCEMENT IN PD
THE DIPOLE MOMENT OF CARBON MONOSULFIDE
THE MAGNETIC MOMENT OF THE FIVE STATE OF ONE ONE SIX SN AND OTHER SPECTROSCOPIC INVESTIGATIONS IN THE DECAY OF ONE ONE
A RELATION BETWEEN MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
SOME RESULTS RELATING MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
ELECTRIC NUCLEAR QUADRUPOLE MOMENT OF CESIUM 134 /GERMAN/
MICROWAVE SPECTRUM CONFORMATION DIPOLE MOMENT AND BARRIER TO INTERNAL ROTATION IN METHYL VINYL ETHER
UNIQUITY AND THE MANDELSTAM REPRESENTATION I MOMENT CONDITIONS FOR THE DOUBLE SPECTRAL FUNCTIONS
MICROWAVE SPECTRUM VIBRATION-ROTATION INTERACTION MOLECULAR STRUCTURE AND DIPOLE MOMENT OF 1-METHYLPENTABORANE /%/
BAND RE-ASSIGNMENT FOR ANILINE AND ITS DERIVATIVES THE MIGRATION /SPECTROSCOPIC/ MOMENT OF THE AMINO GROUPS

AFOSR66-2214
AFOSR67-031R
AFOSR67-1674
AFOSR66-0422
AFOSR66-0859
AFOSR66-2650
AFOSR67-0855
AFOSR67-0941
AFOSR67-2410
AFOSR66-1155
AFOSR66-1755
AFOSR66-0435
AFOSR66-2808
ARL 67-0222

MOMENTA

A METHOD OF DETERMINING ANGULAR MOMENTA OF NUCLEAR EXCITED STATES

ARL 67-1248

MOMENTS

MOMENTS OF THE MOMENTUM DENSITY CORRELATION FUNCTIONS IN SIMPLE LIQUIDS
EXACT MOMENTS AND PERCENTAGE POINTS OF THE ORDER STATISTICS AND THE DISTRIBUTION OF THE RANGE FROM THE LOGISTIC
DIPOLE MOMENTS IN RELATION TO CONFIGURATION OF POLYPEPTIDE CHAINS
MAGNETIC MOMENTS AND PION CURRENTS IN NUCLEAR MATTER
MAGNETIC MOMENTS FORM FACTORS AND MASS SPECTRUM OF BARYONS
MAGNETIC MOMENTS OF BARYONS IN BROKEN SU-3
A NOTE ON MOMENTS OF GAMMA ORDER STATISTICS
TABLES FOR MOMENTS OF GAMMA ORDER STATISTICS
TABLES FOR THE MOMENTS OF GAMMA ORDER STATISTICS FINAL REPORT AUG 1967
ON THE BIVARIATE MOMENTS OF ORDER STATISTICS FROM A LOGISTIC DISTRIBUTION
NUCLEAR QUADRUPOLE MOMENTS OF THE NEUTRON DEFICIENT ISOTOPES 131CS AND 132CS
VORTEX INDUCED ROLLING MOMENTS ON FINNED MISSILES AT HIGH ANGLE OF ATTACK
SUMMATION THEORY OF LOCAL MOMENTS
FORMATION OF LOCAL MAGNETIC MOMENTS IN METALS
PRECISION MEASUREMENT OF DIPOLE MOMENTS AND OTHER SPECTRAL CONSTANTS OF NORMAL AND DEUTERATED METHYL FLUORIDE AND
EXACT SUM RULE FOR NUCLEON MAGNETIC MOMENTS
DERIVATION OF MASS SPECTRUM AND MAGNETIC MOMENTS FROM CURRENT CONSERVATION IN RELATIVISTIC 0/3 1/ AND 0/4 2/ -
EXPERIMENTAL PREP-INDUCTION DECAY SHAPES AND THEORETICAL SECOND MOMENTS FOR HYDROGEN IN HEXAGONAL ICE

AFOSR66-2221
ARL 67-0256
AFOSR66-0849
AFOSR67-2051
AFOSR66-0725
AFOSR66-1241
ARL 67-0117
ARL 66-0282
ARL 67-0166
ARL 67-0255
AFOSR66-1107
AFOSR66-0569
AFOSR66-0585
AFOSR66-0425
AFOSR67-0385
AFOSR67-0582
AFOSR67-1740
AFOSR67-2648

MOMENTUM

MOMENTUM AND HEAT TRANSFER IN LAMINAR FLOW OF GAS WITH LIQUID DROPLET SUSPENSION OVER A CIRCULAR CYLINDER
MOMENTUM BALANCE FOR CURRENT FILAMENTS IN MAGNETIC FIELDS FINAL REPORT NOVEMBER 1966
THE MOMENTUM EQUATION OF A SOLID-FLUID SYSTEM
TWO MODES OF MOMENTUM TRANSFER FOR A STATIONARY ARC IN A TRANSVERSE MAGNETIC FIELD
LINEAR CRYSTAL MOMENTUM VALENCE-BAND SPLITTING IN INDIUM ANTIMONIDE
MOMENTS OF THE MOMENTUM DENSITY CORRELATION FUNCTIONS IN SIMPLE LIQUIDS
COMPLEX ANGULAR MOMENTUM AND INFINITE HELICITY SUMS
ORIGIN OF HIDDEN MOMENTUM FORCES-ON MAGNETS
DYNAMICS AT INFINITE MOMENTUM
FORM FACTORS AT LARGE MOMENTUM TRANSFER
SMALL SIGNAL POWER AND MOMENTUM THEOREMS FOR A MAGNETOELASTIC FERROMAGNET
EXCHANGE TORQUE POWER AND MOMENTUM FLOW AND STRESS IN A RIGID FERRIMAGNET
EXCHANGE ENERGY STRESS AND MOMENTUM IN A RIGID FERRIMAGNET
ANALYSIS OF 3-BODY ANGULAR MOMENTUM STATES IN P I N INTERACTIONS
GENERALIZED OSCILLATOR STRENGTHS AT SMALL MOMENTUM CHANGES FOR THE ONE-SINGLET S TO TWO-SINGLET S TRANSITION IN HELIUM
ANOMALOUS AND NORMAL SINGULARITIES AND THE INFINITE MOMENTUM LIMIT
ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD

ARL 67-0248
ARL 66-019R
AFOSR67-0857
ARL 66-1333
AFOSR66-1469
AFOSR66-2221
AFOSR66-0779
AFOSR66-252R
AFOSR67-0058
AFOSR67-1557
AFOSR67-0664
AFOSR67-0255
AFOSR67-0662
AFOSR67-2822
AFOSR67-0193
AFOSR66-0987
ARL 67-0037
ARL 67-0249

MOMENTUM-SPACE

MOMENTUM-SPACE ANALYTICITY PROPERTIES OF THE BERGMAN-WEIL INTEGRAL FOR THE THREE POINT FUNCTION

AFOSR67-1537

MONATONIC

EQUATION OF STATE OF A MONATONIC FLUID WITH 6-12 POTENTIAL
IONIZING SHOCK STRUCTURE IN A MONATONIC GAS

AFOSR67-2446
AFOSR67-157R

MONAURAL

ADAPTATION OF LOUDNESS TO MONAURAL STIMULATION

AFOSR67-1450

MONITOR

COSMIC-RAY NEUTRON MONITOR YIELD FUNCTIONS CROSS TRANSFORMATION AND NUCLEONIC COMPONENT MEAN FREE PATHS
AIR PRESSURE DEPENDENCE OF COSMIC RAY INTENSITY METHODS AND RESULTS OF A STATISTICAL ANALYSIS OF NEUTRON MONITOR DATA

AFOSR66-0716
AFOSR67-0212

MONITORING

MONITORING BIRD MOVEMENTS BY RADAR
ELECTRODE PROBLEMS IN CENTRAL NERVOUS MONITORING IN PERFORMING SUBJECTS
AN INTERNALLY CALIBRATED ELECTRON SPECTRUM METER FOR ACCELERATOR ENERGY MONITORING
REGIONAL DISTRIBUTION IN OESOPHAGEAL TEMPERATURE AND ITS USE IN LOCALIZING MEDIASTINAL ORGANS AND MONITORING CENTRAL

AFOSR66-2704
AFOSR66-1653
AFOSR66-040R
AFOSR67-0279

MONITORS

GADOMETRIC COEFFICIENT FOR COSMIC-RAY NEUTRON MONITORS
CALCULATED SPECIFIC YIELD FUNCTIONS FOR NEUTRON MONITORS FINAL REPORT JUNE 1966
A NEW METHOD OF COMPARING THE PERFORMANCE OF NEUTRON MONITORS
DIFFERENTIAL RESPONSE AND SPECIFIC YIELD FUNCTIONS OF COSMIC-RAY NEUTRON MONITORS

AFOSR67-0866
AFOSR66-0320
AFOSR67-0211
AFOSR67-0477

MONKEY

OPERANT CONDITIONING OF EYE MOVEMENT IN THE MONKEY
CHARACTERISTICS OF REM SLEEP FOLLOWING DIFFERENT CONDITIONED RATES OF WAKING EYE MOVEMENT IN THE MONKEY
RESULTS OF ELECTROENCEPHALOGRAPHIC EXAMINATIONS UNDER THE INFLUENCE OF VIBRATION AND CENTRIFUGING IN THE MONKEY

AFOSR66-1650
AFOSR66-2794
AFOSR67-1857

MONKEYS

EFFECT OF INNOVATION ON SUBCORTICAL STRUCTURES IN MONKEYS

AFOSR67-2107

| | | |
|---|-------------|--------------|
| MONKEYS | - CONTINUED | |
| EFFECT OF INTERHEMISPHERIC TRANSECTION ON THE EEG PATTERNS IN SLEEP AND WAKEFULNESS IN MONKEYS | | AFOSR67-1091 |
| MONKEYS-BEHAVIOR | | |
| DOMINANCE IN MONKEYS-BEHAVIOR AND BIOCHEMISTRY FINAL REPORT NOV 67 | | AML 67-0024 |
| MONO | | |
| MONO Y DIRADICALS LIRRES INERTES PERCLORADOS DE LA SERIE DEL TRIPENILMETANO | | ARL 67-1006 |
| MONO-ENERGETIC | | |
| EXPERIMENTS ON SCATTERING OF MONO-ENERGETIC ARGON BEAMS BY HEATED PLATINUM | | AFOSR68-0319 |
| MONOAMINES AND | | |
| MONOAMINES AND SLEEP POLYGRAPHIC NEUROPHARMACOLOGICAL AND HISTOCHEMICAL STUDY OF SLEEP IN THE CAT /FRENCH/ | | AFOSR67-0511 |
| MONOAMINE | | |
| ACID MONOAMINE METABOLITES OF CEREBROSPINAL FLUID IN MENTAL DEPRESSION AND MANIA | | AFOSR67-0887 |
| ASCENDING MONOAMINE NEURONS TO THE TELECEPHALON AND GLENCEPHALON | | AFOSR67-0889 |
| FURTHER STUDIES ON MONOAMINE METABOLISM AND BEHAVIOR IN RABBITS CHRONICALLY TREATED WITH RESERPINE | | AFOSR67-2274 |
| MONOAMINERGIC | | |
| MONOAMINERGIC MECHANISMS IN NERVOUS TISSUE FINAL REPORT JAN 1967 | | AFOSR67-0531 |
| MONOAMINERGIC MECHANISMS IN THE NERVOUS SYSTEM OF LUMBRICUS TERRESTRIS /L / | | AFOSR68-0315 |
| MONOAMINERGIC MECHANISMS IN NERVOUS TISSUE FINAL REPORT APRIL 1968 | | AFOSR68-1646 |
| LOCALIZATION OF MONOAMINERGIC NEURONS IN THE CENTRAL NERVOUS SYSTEM OF ASTACUS ASTACUS LINNE /CRUSTACEA/ | | AFOSR67-0106 |
| MONOAMINES | | |
| MONOAMINES AND SLEEPS II-TECHNICAL ASPECTS AND INTEREST OF THE STUDY OF THE CENTRAL METABOLISM OF MONOAMINES DURING SLEEP AND MONOAMINES /FRENCH/ | | AFOSR67-2858 |
| MONOAMINES AND SLEEPS II-TECHNICAL ASPECTS AND INTEREST OF THE STUDY OF THE CENTRAL METABOLISM OF MONOAMINES DURING | | AFOSR67-0498 |
| | | AFOSR67-2858 |
| MONOCHROMATIC | | |
| RADIATIVE TRANSFER II THE ITERATION OF THE MONOCHROMATIC SOURCE FUNCTION IN THE PRESENCE OF SCATTERING | | AFOSR68-2663 |
| MONOCRYSALS | | |
| SURFACE DISLOCATION SOURCES AND PLASTIC FLOW IN SILVER MONOCRYSALS | | AFOSR67-1493 |
| MONODISPERSE | | |
| ELECTROOPTIC BEHAVIOR OF MONODISPERSE MONTRONITE SOLS | | AFOSR68-2071 |
| MONOFLUORIDE | | |
| ELECTRONIC STRUCTURE AND GROUND STATE OF SCANDIUM MONOFLUORIDE | | AFOSR67-1146 |
| MONOGERMANE | | |
| THE /33SR PI/ MERCURY-PHOTOSENSITIZED DECOMPOSITION OF MONOGERMANE | | AFOSR67-0198 |
| MONOHYDRATE | | |
| ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF DEOXYADENOSINE MONOHYDRATE | | AFOSR68-2236 |
| H AND F NUCLEAR MAGNETIC RESONANCE SPECTRA OF THE ADDUCT OF BUBR3H8UB20 /BORON TRIFLUORIDE - MONOHYDRATE/ | | AFOSR67-1270 |
| MONOPOLE | | |
| MONOPOLE MATRIX-ELEMENTS | | ARL 68-1224 |
| ADMITTANCE OF A THICK MONOPOLE DRIVEN FROM A COAXIAL LINE | | FCRL-67-0933 |
| AN EXPERIMENTAL STUDY OF AN ELECTRICALLY THICK TUBULAR MONOPOLE ANTENNA DRIVEN BY A COAXIAL TRANSMISSION LINE | | APCRL67-0406 |
| COLLECTIVE NUCLEAR BREATHING MODE MODEL WITH APPLICATION TO SUB4 HE MONOPOLE STATE | | AFOSR67-0025 |
| MONOPULSE | | |
| DE-COUPLED MONOPULSE EXCITATIONS FOR MAXIMUM GAIN WITH ARBITRARY SIDELobe CONSTRAINTS | | APCRL67-0332 |
| LINE SOURCE APERTURE MONOPULSE EXCITATIONS FINAL REPORT APR 1968 | | APCRL68-0254 |
| UTILIZATION OF THE LAMBDA FUNCTIONS IN THE ANALYSIS AND SYNTHESIS OF MONOPULSE ANTENNA DIFFERENCE PATTERNS | | AFOSR68-0838 |
| MONOSILICIDES | | |
| THE CRYSTAL STRUCTURES OF RARE-EARTH MONOSILICIDES | | AFOSR67-1752 |
| MONOSUBSTITUTED | | |
| PREPARATION AND PROPERTIES OF MONOSUBSTITUTED TRIETHYLAMINE-BORANES | | AFOSR67-0768 |
| VALANCE SHELL CALCULATIONS ON POLYATOMIC MOLECULES II CNDO SCF CALCULATIONS ON MONOSUBSTITUTED BENZENES | | AFOSR68-1149 |
| MONOSULFIDE | | |
| THE DIPOLE MOMENT OF CARBON MONOSULFIDE | | AFOSR68-2650 |
| MONOTHERMAL | | |
| PHASE MIGRATION IN A MONOTHERMAL FIELD FINAL REPORT MARCH 1967 | | AFOSR67-1519 |
| CHEMICAL REACTIONS IN MONOTHERMAL FIELDS | | AFOSR68-1208 |
| MONOTONE | | |
| MONOTONE APPROXIMATION | | ARL 68-0352 |
| A STABILITY CRITERION FOR SYSTEMS WITH A SINGLE SLOPE -RESTRICTED MONOTONE NONLINEARITY | | AFOSR68-2022 |
| MONOTONIC | | |
| CONVER PROGRAMMING AND SYSTEMS OF ELEMENTARY MONOTONIC RELATIONS | | AFOSR68-2440 |
| MONOTONICITY | | |
| SEMICONTINUITY SEMICONTINUITY AND MONOTONICITY II | | AFOSR68-0650 |

MONOXIDE

THE BINDING OF CARBON MONOXIDE BY HUMAN HEMOGLOBIN
CHEMISORPTION OF CARBON MONOXIDE ON MOLYBDENUM
HIGH-TEMPERATURE ELECTRICAL PROPERTIES OF MANGANESE MONOXIDE
HIGH-TEMPERATURE ELECTRICAL PROPERTIES OF MANGANESE MONOXIDE
PRODUCTION OF MOLECULAR NITROGEN/A TRIPLET STATE/ AND CARBON MONOXIDE /A TRIPLET STATE/ BY MERCURY PHOTOSENSITIZATION
PRODUCTION OF NITROGEN MOLECULES /A-TRIPLET-STATE/ AND CARBON MONOXIDE /A-TRIPLET-STATE/ BY MERCURY /SINGLET-P-/
STUDIES ON THE QUANTUM YIELDS OF THE PHOTODISSOCIATION OF CARBON MONOXIDE FROM HEMOGLOBIN AND MYOGLOBIN

AFOSR66-2730
AFOSR67-1606
ARL 67-1146
ARL 68-0147
AFOSR68-1470
AFOSR65-2605
AFOSR67-1691

MONTE

MONTE CARLO CALCULATIONS OF LIGHT SCATTERING FROM CLOUDS
MONTE CARLO ANALYSIS OF SEARCHLIGHT SCATTERING MEASUREMENTS
A MONTE CARLO SIMULATION OF THE NUCLEAR ACTIVE CASCADE IN EAS /ANALYSIS OF BOLIVIAN AIR SHOWER JOINT EXPERIMENT/
A MONTE CARLO SIMULATION OF AIR SHOWER CORES
THREE-DIMENSIONAL MONTE CARLO SIMULATION OF EXTENSIVE AIR-SHOWERS
STUDY OF POLARIZATION OF ATMOSPHERIC SCATTERED LIGHT USING MONTE CARLO METHODS

AFCHL67-0421
AFCHL68-0311
AFOSR68-0186
AFOSR68-2400
AFOSR68-0574
AFCHL68-0310

MONTREAL

A PRELIMINARY MICROWAVE ATTENUATION CLIMATOLOGY FOR THE MONTREAL AREA BASED ON WEATHER RADAR DATA

AFCHL68-0165

MOOD

SPEECH CHARACTERISTICS AS INDICES OF ATTITUDE MOOD AND MOTIVATIONAL STATE FINAL REPORT MAY 1968

AFOSR68-0993

MOON

ON THE DETECTION OF WATER ON THE MOON
RELATIVE HEIGHTS OF PHOTOGRAPHIC FEATURES OF THE MOON FINAL REPORT NOV 1967
THE EFFECTS OF TIDAL FRICTION ON THE EVOLUTION OF THE MARTIAN MOON PHOTOS

AFOSR67-1846
AFCHL68-0073
ARL 68-1299

MOON-TO-EARTH

NONPLANAR MOON-TO-EARTH TRAJECTORIES

AFOSR68-2797

MOORE

THE MOORE SCHOOL INFORMATION SYSTEMS LABORATORY
CHANNEL CAPACITY OF MOORE AUTOMATA

AFOSR67-1952
AFOSR68-2801

MORPHIC

USE OF MORPHIC EFFECTS FOR THE STUDY OF VIBRATIONAL AND OPTICAL PROPERTIES OF IMPURITY ATOMS IN CRYSTALS

AFOSR68-0947

MORPHOLOGICAL

MORPHOLOGICAL ASPECTS ON THE HYDROSTATIC FUNCTION OF THE GAS BLADDER OF CLUPEA HARENGUS L
MORPHOLOGICAL CHANGES IN DISCONTINUOUS GOLD FILMS FOLLOWING DEPOSITION

AFOSR67-2271
AFOSR68-0915

MORPHOLOGY

MORPHOLOGY OF THE NEVADA CATTLEBRANDS AND THEIR BLAZONS PART TWO
MORPHOLOGY OF INFORMATION FLOW
CHANGES IN MORPHOLOGY OF IONIC CRYSTALS DUE TO CAPILLARITY
PLATA SURFACE MORPHOLOGY MISCELLANEOUS INVESTIGATIONS

AFOSR67-2534
AFOSR68-0259
AFOSR67-2296
AFCHL68-0133

MORSE

MORSE FUNCTION AND VELOCITY-DEPENDENT NUCLEON-NUCLEON POTEN

AFOSR68-2488

MORSE-SAND

AN APPROXIMATE MORSE-SAND THEOREM

AFOSR68-1441

MOS-ORIENTED

AN MOS-ORIENTED INVESTIGATION OF EFFECTIVE MOBILITY THEORY

AFOSR68-1482

MOS-TRANSISTOR

FREQUENCY VARIATION OF THE MOS-TRANSISTOR $V_{SUR D}$ EQUALS D ADMITTANCE

AFOSR68-0542

MOSAICS

DIFFRACTION BY FIBER MOSAICS

AFOSR67-1694

MOSSBAUER

MOSSBAUER EFFECT OF W 183 IN DIFFERENT TUNGSTEN COMPOUNDS
MOSSBAUER EFFECT STUDIES OF SURFACE REACTIONS FINAL REPORT APRIL
MOSSBAUER EVIDENCE FOR A SPIN-COMPENSATED STATE IN DILUTE FE-CU ALLOYS
MOSSBAUER EFFECT SPECTRA OF AMMONIA ADSORPTION ON A SUPPORTED IRON CATALYST
MOSSBAUER EFFECT SPECTRA OF A SUPPORTED IRON CATALYST
MOSSBAUER STUDY OF FERROMAGNETIC ORDERING IN NICKEL FERRITE AND CHROMIUM-SUBSTITUTED NICKEL FERRITE
MOSSBAUER EFFECT IN IRON FIFTY-SEVEN IN COPPER AND THE SPIN-COMPENSATED STATE
MOSSBAUER EFFECT AND MAGNETIC PROPERTIES OF IRON-BERYLLIUM COMPOUNDS
MOSSBAUER EFFECT IN THE STUDY OF SOLIDS FINAL REPORT NOV 1968
A MOSSBAUER STUDY OF IRON /II/ -1 10-PHENANTHROLINE COMPLEXES
APPLICATIONS FOR THE MOSSBAUER EFFECT IN CHEMISTRY
ANHYSTERIC MAGNETIZATION PROCESS AND MOSSBAUER EFFECT IN IRON POWDER
TUNGSTEN COMPOUNDS AS LIQUID ABSORBERS FOR MOSSBAUER EXPERIMENTS

AFOSR67-0647
AFOSR67-0923
AFOSR67-1841
AFOSR67-2472
AFOSR67-2471
AFOSR68-0014
AFOSR68-1001
AFOSR68-2745
AFOSR68-2704
AFOSR67-1297
AFOSR68-0206
AFOSR68-0105
AFOSR67-2581

MOTION

MOTION AND DECAY OF A VORTEX RING
MOTION OF A SHOCK WAVE THROUGH TURNS OF CONVERGING OR DIVERGING CROSS SECTION
MOTION OF ELECTRONS IN LIQUID ARGON
MOTION OF THE VORTEX STRUCTURE IN TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELD
MOTION OF NEGATIVE IONS ALONG QUANTIZED VORTEX LINES
THE MOTION OF LIQUID INSIDE A CLOSED VIBRATING VESSEL
THE MOTION OF THE PLASMA BETWEEN THE RED BLOOD CELLS IN THE BLOOD FLOW
THE MOTION OF ELECTRIC ARCS IN MAGNETIC FIELDS
BULK MOTION OF THE MAGNETOSPHERE
FORCED MOTION OF CIRCULAR PLATES
LIQUID MOTION IN A CIRCULAR CYLINDRICAL CONTAINER WITH A FLEXIBLE BOTTOM
SUNSPOT MOTION STATISTICS

AFOSR67-0077
AFOSR67-0567
AFOSR67-2165
AFOSR68-0540
AFOSR68-2286
AFCHL67-1514
AFOSR68-2350
ARL 68-1234
AFOSR68-1055
AFOSR67-0505
AFOSR68-0221
AFCHL68-0635

MOTION

- CONTINUED

CHATTER MOTION OF BANG-BANG CONTROLLERS
TRANSIENT MOTION OF AN ELASTIC HALF-SPACE DUE TO A MOVING SURFACE LINE LOAD
SATELLITE MOTION FOR ALL INCLINATIONS AROUND AN ORBITAL PLANE
FLUX-MODEL MOTION AND THE PEAK EFFECT IN SUPERCONDUCTIVITY
EPICENTER MOTION OF AN ELASTIC HALF-SPACE DUE TO BURIED STATIONARY AND MOVING LINE SOURCES
ON THE FORCED MOTION OF ELASTIC SOLIDS
RELAXATION AND MOTION IN SIMPLE SYSTEMS FINAL REPORT MAY 1968
A NEW POLAR AXIS MOTION SYSTEM
INVESTIGATION OF MOTION IN CISELUNAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
INVESTIGATION OF MOTION IN CISELUNAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
ATMOSPHERIC TIDAL MOTION IN THE 90 TO 120 KILOMETER HEIGHT REGION
EXACT EQUATIONS OF MOTION FOR EXTENDED RODS
STABILITY OF SPIRAL MOTION
INTERACTION OF FLUID MOTION
ON ARC BURNING AND THE MOTION OF ELECTRIC ARCS IN A TRANSVERSE MAGNETIC FIELD
DEGENERACY OF CYCLOTRON MOTION
THEORY AND APPLICATION OF MOTION AROUND EQUILIBRIUM POSITIONS
QUADRATIC CONSTANTS OF THE MOTION FOR THE CLASSICAL HARMONIC OSCILLATOR
CRYSTAL STRUCTURE AND MOLECULAR MOTION OF SOLID CARBON DIOXIDE
RESONANCE SCATTERING AND THE DRIFT MOTION OF ELECTRONS THROUGH GASES
FORMULATION OF STATISTICAL EQUATION OF MOTION OF BLOOD
COUPLING BETWEEN NUCLEAR AND ELECTRONIC MOTION IN DIATOMIC MOLECULES
THERMODYNAMICS AND THE STABILITY OF FLUID MOTION
MAGNETICALLY INDUCED PLASMA STREAMING AND MOTION OF ELECTRIC ARCS
POWER ACTION PRINCIPLE AND THE HYPERBOLIC MOTION
MAGNETICALLY INDUCED PLASMA STREAMING AND THE MOTION OF ELECTRIC ARCS
USE OF POINT CONTRACTS TO OBTAIN DIRECT EVIDENCE OF FLUX MOTION IN SUPERCONDUCTORS
LINKED CLUSTER THEORY AND THE GREENS FUNCTION EQUATIONS OF MOTION FOR A MANY-FERMION SYSTEM
KONTWEG-OF VRIES EQUATION AND GENERALIZATIONS II EXISTENCE OF CONSERVATION LAWS AND CONSTANTS OF MOTION

MOTIONS

FORCED MOTIONS OF SHELLS AND PLATES SURROUNDED BY AN ACOUSTIC FLUID
HYPERBOLIC MOTIONS
ON THE STEADY MOTIONS PRODUCED BY A STABLE STRATIFICATION IN A RAPIDLY ROTATING FLUID
LUMINOUS CLUSTERS MOTIONS AND DISTRIBUTION OF FAINT BLUE STARS
INFERENCES OF DYNAMICAL MOTIONS OF THE UKS SATELLITE VIA OPTICAL TECHNIQUES
ON THE STABILITY OF CERTAIN MOTIONS OF INCOMPRESSIBLE MATERIALS WITH MEMORY
LINFAI THEORY OF ROTATING STRATIFIED FLUID MOTIONS
SEMICLASSICAL THEORY OF THE EFFECTS OF INTERNAL MOTIONS ON THE LINEWIDTHS IN ELECTRON SPIN RESONANCE SPECTRA
INVESTIGATION OF THE TURBULENT STRUCTURE AND DRIFT MOTIONS IN THE IONOSPHERE FINAL REPORT APR 1967
DIAGNOSIS OF SPACECRAFT SURFACE PROPERTIES AND DYNAMICAL MOTIONS BY OPTICAL PHOTOMETRY
ADAPTATION BETWEEN THE PRESSURE AND THE WIND FIELD IN MESO-AND SMALL-SCALE MOTIONS

MOTIVATION

POSITION IN GROUP ACHIEVEMENT MOTIVATION AND GROUP ASPIRATIONS
THE WORK COMPONENTS STUDY A SET OF MEASURES FOR WORK MOTIVATION

MOTIVATIONAL

SPEECH CHARACTERISTICS AS INDICES OF ATTITUDE MOOD AND MOTIVATIONAL STATE FINAL REPORT MAY 1968

MOTONEURON

MOTONEURON RESPONSES TO VISUAL STIMULI IN ONCOPELTUS FASCIATUS DALLAS

MOTOR

SPECIFIC MOTOR RESPONSE DURING SLEEP TO SLEEP-ADMINISTERED MEANINGFUL SUGGESTION AN EXPLORATORY INVESTIGATION
COMPUTER EXPERIMENTS IN MOTOR LEARNING
INFORMATION CAPACITY OF DISCRETE MOTOR RESPONSES UNDER DIFFERENT COGNITIVE SETS
CIRCULATION PRESSURE OSCILLATIONS IN AN UNMIXED GAS ROCKET MOTOR
ANALYTICAL AND EXPERIMENTAL INVESTIGATIONS OF OSCILLATIONS IN ROCKET MOTOR BAFFLE CAVITIES FINAL REPORT MAY 1968
VERBAL SHORT TERM-MEMORY AS A FUNCTION OF DEGREE OF LEARNING ON A PERCEPTUAL MOTOR INTERPOLATED ACTIVITY

MUTATIONS

ON MUTATIONS ORBITS IN THE RESTRICTED PROBLEM OF THREE BODIES

MOUNT

WAY MOUNT SLIT MOUNT FOR X-RAY POWDER DIFFRACTOMETERS

MOUNTAIN

THE INFLUENCE OF A MOUNTAIN ON THE DISPLACEMENT OF BAROTROPIC DISTURBANCES
OBSERVATIONS OF STRATOSPHERIC CLEAR-AIR TURBULENCE AND MOUNTAIN WAVES OVER THE SIERRA NEVADA MOUNTAINS FINAL REPORT

MOUNTAINS

CRUSTAL STUDY OF A CONTINENTAL STRIP FROM THE ATLANTIC OCEAN TO THE ROCKY MOUNTAINS
OBSERVATIONS OF STRATOSPHERIC CLEAR-AIR TURBULENCE AND MOUNTAIN WAVES OVER THE SIERRA NEVADA MOUNTAINS FINAL REPORT

MOUNTING

SIMPLIFIED MOUNTING FOR QUADRUPOLE MASS FILTER RODS

MOVABLE

SIMPLE MOVABLE PROBE FOR VACUUM
SIMPLE MOVABLE PROBE FOR VACUUM

MOVEMENT

VERTICAL MOVEMENT OF TEMPERATURE-ZONE SPORADIC F LAYERS
TECTONIC MOVEMENT AND DEFORMATION RELEASE IN ALASKA FINAL REPORT JUNE 1968
HYPERTONIC CONDITIONING OF EYE MOVEMENT IN THE MONKEY
A COMPARISON OF AC AND DC EYE MOVEMENT RECORDING
THE TRANSFORMATION OF THE INDIAN STUDENT MOVEMENT
FURTHER STUDIES IN THE VELOCITY FUNCTION OF MOVEMENT DETECTING CLASS-2 NEURONS IN THE FROG RETINA
COMPENSATION FOR AUDITORY DE-ARRANGEMENT IN THE ABSENCE OF OBSERVED MOVEMENT
CHARACTERISTICS OF REM SLEEP FOLLOWING DIFFERENT CONDITIONED RATES OF WAKING EYE MOVEMENT IN THE MONKEY

MOVEMENTS

FAST-WEST MOVEMENTS OF PULSATING AURORAL-ZONE X-RAY EVENTS
 MONITORING BIRD MOVEMENTS BY RADAR
 METHODOLOGY FOR THE ANALYSIS OF INTERNAL SOCIAL MOVEMENTS /SOCIAL MOVEMENTS AND SOCIAL SYSTEM CHANGE/
 EXCITABILITY CHANGES ALONG VISUAL PATHWAYS DURING PVE TRACKING MOVEMENTS
 METHODOLOGY FOR THE ANALYSIS OF INTERNAL SOCIAL MOVEMENTS /SOCIAL MOVEMENTS AND SOCIAL SYSTEM CHANGE/
 THE METHOD OF CALCULATION TABLES OF AMPLIFICATION AND AMPLITUDE OF THE MOVEMENTS OF THE EARTH IN CUALQUIER SEISMOGRAPH

AFOSR68-1144
 AFOSR68-2704
 AFOSR68-1893
 AFOSR68-2708
 AFOSR68-1893
 AFOSR67-0858

MOVING

AN OBSERVER MOVING IN THE 3 DEGREES K RADIATION FIELD
 VELOCITY OF MOVING STRIATIONS
 FORMATION OF MOVING AND STATIONARY DETONATION WAVES IN FLOWING COMBUSTIBLE MIXTURES
 GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART II RELATIVISTIC VELOCITIES
 GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART I NONRELATIVISTIC VELOCITIES
 WAVE INTERACTIONS WITH MOVING BOUNDARIES
 ON NONLINEAR STEADY-STATE SOLUTIONS TO MOVING LOAD PROBLEMS
 THE RESPONSE OF A THIN ELASTIC PLATE TO A MOVING PRESSURE POINT
 RESPONSE OF CYLINDRICAL SANDWICH SHELLS TO MOVING LOADS
 CORRECTION TO STOKES LAW FOR A CHARGED SPHERE MOVING IN A POLARIZABLE COMPRESSIBLE LIQUID
 TRANSPORT OF HEAT IN A TYPE I SUPERCONDUCTOR BY A MOVING MAGNET
 TRANSPORT MOTION OF AN ELASTIC HALF-SPACE DUE TO A MOVING SURFACE LINE LOAD
 RADIATION AND PROPAGATION OF ELECTROMAGNETIC WAVES FROM MOVING SOURCES
 REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC POWER AT MOVING INTERFACES
 THE PROGRESSING WAVE FORMALISM FOR ELECTROMAGNETIC WAVES FROM MOVING SOURCES
 EPICENTER MOTION OF AN ELASTIC HALF-SPACE DUE TO BURIED STATIONARY AND MOVING LINE SOURCES
 SURGICAL IMMOBILIZATION OF THE EYE AND PUPIL PERMITTING STABLE PHOTIC STIMULATION OF FREELY MOVING CATS
 ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING FLAT PLATE IN A

AFOSR68-2888
 ARL 68-0810
 AFOSR68-0488
 AFOSR68-1834
 AFOSR68-1838
 AFOSR67-2072
 AFOSR67-1439
 AFOSR67-1334
 AFOSR67-1928
 AFOSR68-0818
 AFOSR68-1448
 AFOSR67-0312
 AFOSR67-0118
 AFOSR68-2838
 AFOSR67-0821
 AFOSR68-0488
 AFOSR67-2844
 ARL 67-0184

MTAT

MTAT ASSEMBLER FOR THE CDC 6-21

AFOSR67-0286

MULTI-LAYER

A METHOD FOR FITTING LINEARLY SEGMENTED MULTI-LAYER ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER BOUNDARY AFOSR67-0198

MULTI-MODE

MULTI-MODE SURFACE WAVE DIFFRACTION BY A RIGHT-ANGLED WEDGE
 MULTI-MODE WAVE COUPLING IN INHOMOGENEOUS ANISOTROPIC MEDIA - WITH SOME MAGNETOIONIC APPLICATIONS
 COUPLED WAVE EQUATIONS FOR MULTI-MODE INHOMOGENEOUS MEDIA II

AFOSR67-0073
 AFOSR68-0887
 AFOSR67-0644

MULTI-MOMENT

ON A CONVERGENT MULTI-MOMENT METHOD FOR THE LAMINAR BOUNDARY LAYER EQUATIONS

ARL 68-0040

MULTI-PROCESSOR

DESIGN OF THE G-21 MULTI-PROCESSOR SYSTEM

AFOSR67-0287

MULTI-RESPONSE

SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MULTI-RESPONSE GROWTH CURVES
 SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
 SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES

ARL 68-1464
 ARL 68-1281
 ARL 68-1468

MULTI-SOFT-PION

A GRAPHICAL METHOD FOR MULTI-SOFT-PION PROCESSES

AFOSR68-0272

MULTI-VARIABLE

ON OBSERVERS IN MULTI-VARIABLE CONTROL SYSTEMS

AFOSR68-2849

MULTICATEGORY

A MULTICATEGORY PATTERN CLASSIFICATION SYSTEM
 AN ADAPTIVE MULTICATEGORY PATTERN CLASSIFICATION SYSTEM
 OPTIMAL UNSUPERVISED LEARNING MULTICATEGORY DEPENDENT HYPOTHESES PATTERN RECOGNITION

AFOSR67-1666
 AFOSR68-0270
 AFOSR68-2031

MULTICHANNEL

THE DESIGN AND USE OF AN FM/AM RADIOTELEMETRY SYSTEM FOR MULTICHANNEL RECORDING OF BIOLOGICAL DATA

AFOSR68-0833

MULTICOMMODITY

COMMON TERMINAL MULTICOMMODITY FLOW

AFOSR68-2260

MULTICOMPONENT

OHMS LAW IN MULTICOMPONENT NONISOTHERMAL PLASMAS WITH TEMPERATURE AND PRESSURE GRADIENTS
 RESEARCH IN MULTICOMPONENT FLOW

AFOSR67-0994
 ARL 68-1389

MULTIDENTATE

MULTIDENTATE LIGAND KINETICS & EXCHANGE REACTIONS OF METAL /112--CYCLOHEXYLENEDIAMINETETRAACETATE COMPLEXES

AFOSR67-0713

MULTIDIMENSIONAL

MULTIDIMENSIONAL LAGRANGE AND PONTRYAGIN PROBLEMS
 MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION IN A FIXED DOMAIN AND AN APPLICATION TO A PROBLEM OF
 COMPARISON OF MULTIDIMENSIONAL DECISION-THEORETIC ANTENNA PROCESSING SYSTEM AND CONVENTIONAL SYSTEMS
 INTERACTION IN MULTIDIMENSIONAL CONTINGENCY TABLES AN INFORMATION THEORETIC APPROACH
 SUBPLEY SPACES AND MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION
 EXISTENCE THEOREMS FOR MULTIDIMENSIONAL LAGRANGE PROBLEMS
 EXISTENCE THEOREMS FOR MULTIDIMENSIONAL PROBLEMS OF OPTIMAL CONTROL
 PARALLEL VERSUS SERIAL PROCESSES IN MULTIDIMENSIONAL STIMULUS DISCRIMINATION

AFOSR68-1875
 AFOSR68-1957
 AFOSR68-0366
 AFOSR68-2793
 AFOSR68-2007
 AFOSR68-1918
 AFOSR68-2148
 AFOSR67-1805

MULTIFLUID

MULTIFLUID THEORY OF MGD
 MULTIFLUID THEORY OF MAGNETOGASDYNAMICS

ARL 68-1077
 ARL 68-1079

MULTILAYER

MULTILAYER ENHANCEMENT OF MICROWAVE PIEZOELECTRIC CONVERSION IN CAS-SIO LAYERS

AFOSR67-0017

MULTILAYER - CONTINUED

MULTILAYER THIN FILM PIEZOELECTRIC TRANSDUCERS
MULTILAYER FILTERS FOR THE REGION 0.6 TO 100 MICRONS FINAL REPORT MAY 1968
APPLICATION OF MULTILAYER ANALYZERS TO 10-100 A FLUORESCENCE SPECTROSCOPY FOR CHEMICAL AND VALENCE BAND ANALYSIS
DEPENDENCE OF COERCIVITY ON DRIVING FIELD IN MULTILAYER FILMS OF NICKEL
ARPA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME III - MULTILAYER FILTER MODEL FINAL REPORT
AFCL67-0019
AFCL68-0496
AFOSR67-0039
AFOSR67-0380
ORA 67-0003

MULTILAYERED
THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS III THE ABSORPTION AND EMISSION SPECTRA OF A MULTILAYERED
AFOSR67-0226

MULTIMEGAWATT
PULSE TECHNIQUE FEASIBILITY STUDY ON MULTIMEGAWATT RF GAS HEATERS AND RESEARCH ON ELECTRODELESS DISCHARGES AT HIGH
ARL 68-1182

MULTIMODAL
MULTIMODAL SENSITIVITY OF TASTE UNITS IN THE RAT
AFOSR67-2368

MULTIMOMENT
ON THE OLD MULTIMOMENT METHOD FOR LAMINAR BOUNDARY LAYERS
ON THE OLD MULTIMOMENT INTEGRAL METHOD
SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER BY THE OLD MULTIMOMENT METHOD. FINAL REPORT MAR 19
ARL 67-1069
ARL 67-1308
ARL 67-0048

MULTINOMIAL
ASYMPTOTICALLY OPTIMAL TESTS FOR MULTINOMIAL DISTRIBUTIONS
ON SELECTION AND RANKING PROCEDURES AND ORDER STATISTICS FROM THE MULTINOMIAL DISTRIBUTION
AN INVERSE - SAMPLE PROCEDURE FOR SELECTING THE MOST PROBABLE EVENT IN A MULTINOMIAL DISTRIBUTION
AFOSR67-0681
ARL 67-1308
AFOSR67-1088

MULTIPLIER
MULTIPLIER DISCHARGE EXPERIMENTS
ROCKET ANTENNA MULTIPLIER BREAKDOWN UNDER DYNAMIC PRESSURE CONDITIONS
AFCL68-0083
AFCL68-0155

MULTIPARAMETER
MULTIPARAMETER SENSITIVITY IN ACTIVE RC INTEGRATED CIRCUITS
THE PROBLEM OF MULTIPARAMETER ADAPTIVE SYSTEMS HAVING SPECIFIED POLES AND ZEROS
AFCL67-0067
AFOSR67-0765

MULTIPATH
A STUDY OF THE RELATIONSHIP BETWEEN MULTIPATH DISTORTION AND WAVE NUMBER SPECTRUM OF DIELECTRIC NOISE IN RADIO LINKS
ON OPTIMUM SPACE DIVERSITY RECEPTION OF COMPLICATED MULTIPATH
AFCL68-0439
AFOSR68-1657

MULTIPHOTON
MULTIPHOTON MAGNETO-OPTICAL RESONANCE IN PbTe AND InSb
AFOSR67-0158

MULTIPLE
MULTIPLE SCATTERING OF LASER LIGHT IN THE ATMOSPHERE FINAL REPORT JULY 1968
MULTIPLE ACOUSTIC DIFFRACTION TECHNIQUES FOR FREQUENCY SHIFTING OF LASER SOURCES
MULTIPLE QUANTUM TRANSITIONS IN MAGNESIUM OXIDE
MULTIPLE REGRESSION WITH STATIONARY ERRORS
MULTIPLE NEUTRAL PION PRODUCTION
MULTIPLE PION PRODUCTION IN 5.5-GEV/C PI MINUS PROTON INTERACTIONS
MULTIPLE DIFFRACTION THEORY OF HIGH-ENERGY COLLISIONS
MULTIPLE DIFFRACTION ORIGIN OF LOW ENERGY ELECTRON DIFFRACTION INTENSITIES
MULTIPLE MOLECULAR FORMS OF CREATINE KINASES
MULTIPLE COMPARISON TESTS
MULTIPLE COMPARISONS FOR MULTIVARIATE PROBLEMS
MULTIPLE COMPARISON TESTS FOR GROWTH CURVES
MULTIPLE COMPARISONS OF GROWTH CURVES
MULTIPLE COMPARISONS OF GROWTH CURVES
A MULTIPLE SCATTERING PROBLEM
ON SOME MULTIPLE DECISION /SELECTION AND RANKING/ RULES
RESEARCH IN MULTIPLE ALTERNATIVE COMMUNICATIONS FINAL REPORT NOV 1966
INTRODUCTION TO MULTIPLE COMPARISON TESTS
INTRODUCTION TO MULTIPLE COMPARISON TESTS
ON THE PROBLEM OF MULTIPLE SOLUTIONS IN THE CALCULATION OF FORCE CONSTANTS BY LEAST-SQUARES
SIMULTANEOUS TEST FOR MULTIPLE COMPARISONS OF GROWTH CURVES FINAL REPORT SEP 1967
A CLASS OF SEQUENTIAL MULTIPLE DECISION PROCEDURES
SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MULTI- RESPONSE GROWTH CURVES
SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MULTI-RESPONSE GROWTH CURVES
SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
ON THE UNIFORM LIMIT OF MULTIPLE AVERAGE OF VECTOR INTEGRALS
SOME RECENT DEVELOPMENTS ON MULTIPLE COMPARISON TESTS
RADIANCE AND POLARIZATION OF MULTIPLE SCATTERED LIGHT FROM HAZE AND CLOUDS
RF MAGNETIZATION OF FERROMAGNETIC MULTIPLE FILMS AT LIQUID HELIUM TEMPERATURES
INTERFERENCE PHOTOCATHODE SENSITIVE TO MULTIPLE BANDS
COLLISIONAL EXCITATION TRANSFER TO THE 4 D STATE IN HELIUM BY MULTIPLE STATE MECHANISM
AFCL68-0367
AFOSR67-0439
AFOSR67-0838
AFOSR67-0789
AFOSR68-0135
AFOSR68-0142
AFOSR68-0450
AFOSR68-1403
AFOSR68-1986
ARL 67-1026
ARL 67-1027
ARL 67-1028
ARL 68-1264
ARL 68-1468
AFOSR68-1086
ARL 67-0257
AFCL67-0030
ARL 68-1249
ARL 68-1466
AFOSR68-0298
ARL 67-0199
ARL 68-1476
ARL 68-1250
ARL 68-1251
ARL 68-1468
ARL 68-1465
AFOSR67-0760
ARL 68-1263
ARL 68-1467
AFCL67-0870
AFOSR67-0433
ARL 67-1139
AFOSR67-

MULTIPLE-TIME-SCALE
SECCULAR BEHAVIOR AND FRIEDMANS MULTIPLE-TIME-SCALE THEORY OF IRREVERSIBLE PROCESSES
AFOSR68-2851

MULTIPLY
PROGRAMMES SEPARATES PAR TRANSMISSION MULTIPLY
ARL 68-0242

MULTIPLYED
MINIMAL MULTIPLYED THRESHOLD GATE REALIZATIONS
AFOSR68-2042

MULTIPLYING
AN EVALUATION OF METHODS OF MULTIPLYING AN INFRARED IMAGE AND IMAGING IT IN THE VISIBLE
AFCL68-0600

MULTIPLICATIVE
MULTIPLICATIVE MATRIX COMMUTATORS COMMUTING WITH BOTH FACTORS
ALGEBRAS WITH THE SAME MULTIPLICATIVE MEASURES
AFOSR67-2378
AFOSR68-0570

MULTIPLICITY
ON THE MULTIPLICITY OF THE EXISTING STATE OF RUTHENIUM /II/ COMPLEXES AFOSR68-1700

MULTIPLIER
USE OF SIGNAL-TO-NOISE RATIO THEORY TO EVALUATE PARAMETERS CHARACTERISTIC OF MULTIPLIER PHOTOTUBES AFOSR68-2300

MULTIPLY
A PHOTOMETRIC DEVICE FOR THE IDENTIFICATION OF MULTIPLY CHARGED PARTICLES STAPPING IN NUCLEAR EMULSIONS
DISTRIBUTION IN THE PARTIAL MANTLE AND VISCIDITY AND VISCOSITY IN THE PARTIAL CORP LITFERMINED FREE WAVES MULTIPLY
DISTRIBUTION IN THE PARTIAL MANTLE AND VISCIDITY AND VISCOSITY IN THE PARTIAL CORP LITFERMINED FREE WAVES MULTIPLY AFOSR67-1200
AFOSR67-1300
AFOSR67-2707

MULTIPLY-CHARGED
EFFECTS OF MULTIPLY-CHARGED GOLD IMPURITY ON THE BREAKDOWN VOLTAGE OF SILICON P-N JUNCTIONS AFOSR68-1110

MULTIPOINT
MULTIPOINT INITIATED IMPENTIONS FROM HEMISPHERICAL SHELLS OF SHEET PHOSPHOR AFOSR67-0910

MULTIPOLARITY
MULTIPOLARITY ASSIGNMENTS 14 IN SUMMER 193
MULTIPOLARITY ASSIGNMENTS 14 IN SUMMER 193 AFOSR67-1211
AFOSR67-1303

MULTIPOINT
LINEAR MULTIPOINT SYNTHESIS AFOSR67-0910

MULTIPURPOSE
MULTIPURPOSE LOGIC PULL STUDY FINAL REPORT OCT 1968 AFOSR68-0500

MULT RATE
A NOTE ON MULTIRATE SAMPLE-DATA SYSTEMS AFOSR68-2400

MULTISPECTRAL
MULTISPECTRAL PHOTOGRAPHIC STUDIES OF A RED-RED FACIES NIMAS BASIN NOVA SCOTIA
TERRESTRIAL MULTISPECTRAL PHOTOGRAPHY FINAL REPORT OCT 1968 AFOSR67-0603
AFOSR67-0670

MULTIPLIER
QUANTIZATION OF MULTIPLIER FIELDS AFOSR68-1273

MULTI-STAGE
A GENERALIZED STEEPEST DESCENT ALGORITHM FOR MULTI-STAGE OPTIMIZATION PROCESSES FINAL REPORT JUNE 1967 AFOSR67-0402

MULTIVARIABLE
STABILITY OF LINEAR MULTIVARIABLE FEEDBACK SYSTEMS
ON REE CANCELLATION IN THE MULTIVARIABLE SYSTEM
RECOGNITION IN THE DESIGN AND SYNTHESIS OF MULTIVARIABLE CONTROL SYSTEMS
ON STRUCTURAL PROPERTIES OF LINEAR CONSTANT MULTIVARIABLE SYSTEMS AFOSR68-2000
AFOSR68-1000
AFOSR68-1300
AFOSR67-1370

MULTIVARIATE
THE COMPARISON OF MULTIVARIATE TESTS OF HYPOTHESES BY MEANS OF RAMANUJ EFFICIENCY
MULTIPLE COMPARISONS FOR MULTIVARIATE POPULATIONS
PROBATION OF A NOISE-DISTURBED MULTIVARIATE NON-STATIONARY SIGNAL
SOME INDICATORS FOR SELECTION OF MULTIVARIATE NORMAL POPULATIONS BETTER THAN A CONTROL
CHOICE OF AREA FOR SELECTION OF DATA ON A TRY USING MULTIVARIATE ANALYSIS OF VARIANCE
SELECTION PROPERTIES BASED ON COVARIANCE MATRICES OF MULTIVARIATE NORMAL DISTRIBUTIONS
ON SOME SELECTION AND RANKING PROCEDURES WITH APPLICATIONS TO MULTIVARIATE POPULATIONS AFOSR67-1010
AFOSR67-1027
AFOSR68-1000
AFOSR67-0800
AFOSR67-0800
AFOSR67-1273
AFOSR67-1300

MUNITION
THE AIR-DELIVERED WHITE LIGHTNING MUNITION FINAL REPORT MAY 1967 AFOSR67-0915

MUON
MUON CAPTURE IN HELIUM-3
PHOTOIONIZED AND ELECTROPRODUCED MUON PAIRS
A PROGRAM TO DETERMINE FUNDAMENTAL NUCLEAR DATA FROM MUON INTENSITY MEASUREMENTS AND TO INVESTIGATE GEOPHYSICAL AFOSR68-1401
AFOSR67-0670
AFOSR67-2600

MUONIC
DISPERION CORRECTIONS TO THE LEVEL IN MUONIC RAYON AFOSR67-2824

MUONIC
MUONIC CHEMISTRY II
MUONIC AFOSR68-1000
AFOSR67-2300

MUONS
THE INTERPRETATION OF THE CHANGE RATIO OF COSMIC-RAY MUONS AFOSR67-0200

MURRAY
ON A THINNESS OF MURRAY AND RACE AFOSR68-0752

MUSCLE
ENERGETICS OF MUSCLE ACTIVITY IN RELATION TO THE MOLECULAR PHYSIOLOGY OF THE CONTRACTION PROCESS FINAL REPORT DEC 1966 AFOSR68-1610
THE BIOLOGY OF MUSCLE
ACTIVATION HEAT IN PINK SARTORIUS MUSCLE
REINFORMATION OF MUSCLE AND STRIATED MUSCLE BY SENSORY NERVE FIBERS
OSCILLATORY CONTRACTILE MECHANISM OF INSECT FLIGHT MUSCLE
POTENTIAL OF TYPING EFFECT ON THE ISOLATED MUSCLE BY COCAINE
DENSITY GRADIENT SEPARATION OF SARCOMERULAR VESICLES AND OTHER PARTICULATE CONSTITUENTS OF RABBIT MUSCLE AFOSR68-1610
AFOSR68-1610
AFOSR68-1610
AFOSR68-1610
AFOSR68-1610
AFOSR68-1610
AFOSR68-1610
AFOSR68-1610

| | |
|--|----------------------------|
| MUSCULAR | |
| ADAPTATION TO MUSCULAR EFFORT | AFOSR68-2203 |
| MUSIC | |
| A DIGITAL COMPUTER FOR THE ELECTRONIC MUSIC STUDIO | AFOSR68-0776 |
| MUSICAL | |
| ANALYSIS OF MUSICAL INSTRUMENT TONES | AFOSR68-0775 |
| MUTARDATION | |
| THE MUTARDATION OF GLUCOSE IN FROZEN AQUEOUS SOLUTIONS | AFOSR67-0091 |
| THERMAL MUTARDATION IN POLYCRYSTALLINE α -D-GLUCOSE | AFOSR67-1850 |
| MUTUAL | |
| MUTUAL REFRACTION OF ELECTRONS AND PHOTONS | AFOSR67-0472 |
| AN EXPLICIT RELATION BETWEEN MUTUAL COUPLING AND THE PATTERN OF AN ANTENNA ARRAY | AFOSR67-0465 |
| EXPERIMENTAL INVESTIGATION OF MUTUAL ADMITTANCE AND MICROWAVE BREAKDOWN OF SLOT ANTENNAS | AFOSR67-0578 |
| MUTUALLY | |
| MUTUALLY RECIPROCAL CONTRACTION AND EXPANSION OF CERTAIN LIE ALGEBRAS | AFOSR67-0550 |
| MYOGLOBIN | |
| STUDIES ON THE QUANTUM YIELDS OF THE PHOTODISSOCIATION OF CARBON MONOXIDE FROM HEMOGLOBIN AND MYOGLOBIN | AFOSR67-1691 |
| MYTH | |
| REALISM IN LABORATORY SIMULATION MYTH OR METHOD | AFOSR67-1726 |
| N-ALKANES | |
| THERMODYNAMICS OF MIXING OF N-ALKANES WITH POLYISOBUTYLENE | AFOSR68-1886 |
| THERMODYNAMIC PROPERTIES OF BINARY MIXTURES OF N-ALKANES | AFOSR68-0717 |
| OPTICAL ANISOTROPY OF CHAIN MOLECULES THEORY OF DEPOLARIZATION OF SCATTERED LIGHT WITH APPLICATION TO N-ALKANES | AFOSR68-0260 |
| N-BODY | |
| APPROACH TO THE N-BODY PROBLEM WITH HARD SPHERE INTERACTION APPLIED TO THE COLLISION DOMAINS OF THREE BODIES | AFOSR67-0867 |
| N-DIMENSIONAL | |
| ON EMBEDDING DECOMPOSITION SPACES OF N-DIMENSIONAL EUCLIDEAN SPACE IN N-PLUS-ONE-DIMENSIONAL EUCLIDEAN SPACE | AFOSR68-2649 |
| N-ELEMENTS | |
| A COMPARISON BETWEEN A N-ELEMENTS CIRCULAR ARRAY AND AN ELECTRICALLY THICK TUBULAR DIPOLE ANTENNA WITH ELEMENT | AFOSR67-0258 |
| N-EXCITED | |
| SOLUTION TO THE PHENOMENOLOGICAL PROBLEM OF A MAGNETIC LINE SOURCE ABOVE A PLANE STRUCTURE THAT SUPPORTS N-EXCITED | AFOSR68-0084 |
| N-METHYLPYRROLE | |
| CYCLOPROPANONES & REACTION OF 2,2-DIMETHYLCYCLOPROPANONE AND N-METHYLPYRROLE A NEW ENTRY INTO THE TROPINONE SERIES | AFOSR68-2449 |
| N-PARTICLE | |
| DERIVATIONS OF HIERARCHIES FOR N-PARTICLE SYSTEMS AND VLASOV SYSTEMS BY MEANS OF THE FUNCTIONAL CALCULUS | AFOSR67-1506 |
| N-PENTANE | |
| THERMODYNAMICS OF POLYMER SOLUTIONS PART 4 -- POLYISOBUTYLENE N-PENTANE | AFOSR68-2396 |
| N-PLUS-ONE-DIMENSION | |
| ON EMBEDDING DECOMPOSITION SPACES OF N-DIMENSIONAL EUCLIDEAN SPACE IN N-PLUS-ONE-DIMENSIONAL EUCLIDEAN SPACE | AFOSR68-2649 |
| N-POLE | |
| N/D SOLUTION OF THE N-POLE PROBLEM | AFOSR68-0442 |
| N-PORT | |
| NECESSARY CONDITIONS FOR THE REALIZABILITY OF N-PORT RESISTIVE NETWORKS WITH NO MORE THAN N PLUS 1/2 NODES | AFOSR67-0447 |
| N-PORTS | |
| SYNTHESIS OF FINITE PASSIVE N-PORTS WITH PRESCRIBED POSITIVE REAL MATRICES OF SEVERAL VARIABLES | AFOSR67-0365 |
| N-PROPYL | |
| DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND DISPROPORTIONATION AND COMBINATION REACTIONS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL AND ISOPROPYL | ARL 67-1111
ARL 67-0208 |
| N-SHIFT | |
| ROOTS OF THE ONE-SIDED N-SHIFT | AFOSR68-1145 |
| N-SUBSTITUTED | |
| COMPLEXES OF CHROMIUM (III) WITH SOME N-SUBSTITUTED PHENYLENEDIAMINETRIACETIC ACIDS | AFOSR67-2657 |
| N-TYPE | |
| RELAXATION OSCILLATIONS IN N-TYPE INAs AND RESPONSIVITY MEASUREMENTS IN THE FAR INFRARED | AFOSR67-1508 |
| FAR INFRARED RESONANT ABSORPTION IN N-TYPE SILICON | AFOSR67-0214 |
| LOW TEMPERATURE IRRADIATION AND ANNEALING OF N-TYPE GERMANIUM EFFECTS OF OPTICAL BLEACHING | AFOSR67-0214 |
| HIGH-STRESS OPTICAL BIREFRINGENCE IN PURE AND DEGENERATE N-TYPE GERMANIUM | AFOSR68-0844 |
| NAGAKA | |
| REFORMULATION OF THE NAGAKA EQUATIONS | AFOSR67-2144 |

| | |
|---|--------------|
| MAGADOKAS | |
| REMARKS ON THE RECENT LETTER OBSERVATION OF MAGADOKAS ROUND STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS | AFOSR67-1754 |
| NANRU | |
| GENERAL MASS FORMULA FOR THE NANRU WAVE EQUATIONS | AFOSR68-1367 |
| NANOSECOND | |
| NANOSECOND TIME DIFFERENCES BY DYNAMIC STORAGE OF FLIP-FLOP PULSES | AFOSR67-0545 |
| ELECTRODE PHENOMENA IN A HIGH CURRENT 20 NANOSECOND SPARK | AFOSR67-0446 |
| A PULSE EXCITATION METHOD OF DETERMINING NANOSECOND FLUORESCENT LIFETIMES | ARL 67-0015 |
| LASER PHOTOLYSIS AND SPECTROSCOPY IN THE NANOSECOND TIME RANGE EXCITED SINGLET STATE ABSORPTION IN CORONENE | ARL 68-0144 |
| STUDIES OF RADIATIONLESS TRANSITIONS IN CORONENE USING NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY | ARL 68-1123 |
| EXCITED SINGLET ABSORPTION IN 1,2-BENZANTHRACENE BY THE USE OF NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY | ARL 68-0325 |
| NAPHTHALENE | |
| ON THE INTERPRETATION OF THE FACTOR GROUP SPLITTING IN NAPHTHALENE CRYSTAL | AFOSR67-1671 |
| DEUTERIUM ISOTOPE EFFECTS IN THE ELECTRON SPIN RESONANCE SPECTRA OF NAPHTHALENE NEGATIVE IONS | AFOSR68-0397 |
| RE-EXAMINATION OF THE THEORETICAL INTERPRETATIONS OF THE SPECTRA OF CRYSTALLINE BENZENE AND NAPHTHALENE | AFOSR68-2463 |
| NAPHTHOQUINONE | |
| CIS-4A 5 8 9A-TETRAHYDRO-6 7-DI-BROMOMETHYL- NAPHTHOQUINONE FROM 2 3-DI-BROMOMETHYL-1,3-BUTADIENE | AFOSR68-0735 |
| NARRABRI | |
| STELLAR INTERFEROMETER AT NARRABRI OBSERVATORY | AFOSR68-2308 |
| THE STELLAR INTERFEROMETER AT NARRABRI AUSTRALIA | AFOSR67-0634 |
| THE STELLAR INTERFEROMETER AT NARRABRI OBSERVATORY- I | AFOSR68-1100 |
| THE STELLAR INTERFEROMETER AT NARRABRI OBSERVATORY -II THE ANGULAR DIAMETERS OF 15 STARS | AFOSR68-1707 |
| THE STELLAR INTERFEROMETER AT NARRABRI OBSERVATORY FINAL REPORT JUNE 1968 | AFOSR68-1811 |
| NARROW | |
| NARROW- AND BROAD-BAND PHOTOMETRY OF RED STARS II DWARFS | AFOSR68-2269 |
| NARROW BAND LONG RANGE COLOR TELEVISION SYSTEM INCORPORATING COLOR ANALYZER | ARL 67-1138 |
| SUPERFLUID FLOW TRANSITIONS IN ROTATING NARROW ANNULI | AFOSR68-1317 |
| NATIONAL | |
| NATIONAL MAGNET LABORATORY FINAL REPORT JAN 1967 | AFOSR67-0522 |
| HIGH FIELD MAGNETS AT THE NATIONAL MAGNET LABORATORY | AFOSR67-2371 |
| THE PLACE OF THE SMALL LIBRARY IN THE NATIONAL NETWORK | AFOSR67-2005 |
| PHYSICS WITH HIGH MAGNETIC FIELDS AT THE NATIONAL MAGNET LABORATORY | AFOSR67-2261 |
| RECENT HYPERSONIC AERODYNAMIC RESEARCH AT ONERA /OFFICE NATIONAL DES ESSAIS ET LA RECHERCHE AEROSPATIALE/ | ARL 67-1168 |
| NATIONS | |
| SOIC NATIONS | AFOSR68-1425 |
| EMERGENCY LEADERS IN DEVELOPING NATIONS FINAL REPORT APRIL 1968 | AFOSR68-0752 |
| NATIVE | |
| HOLE TRAPPING AND THE IONIZATION ENERGY OF NATIVE ACCEPTOR CENTERS IN AGIR | AFOSR67-0011 |
| NATURAL | |
| NATURAL COMMUNICATION WITH COMPUTERS FINAL REPORT AUG 1967 | AFOSR67-0485 |
| NATURAL VIBRATIONS OF FINITELY DEFORMABLE STRUCTURES | AFOSR68-0367 |
| NATURAL LANGUAGE LEARNING BY COMPUTER | AFOSR68-1594 |
| NATURAL CONVECTION FROM A HORIZONTAL CYLINDER AT MODERATE GRASHOF NUMBERS | ARL 67-0275 |
| NATURAL CONVECTION FROM A HORIZONTAL CYLINDER IN THE PRESENCE OF A SOUND FIXED GIVING LARGE STRAFING REYNOLDS NUMBERS | ARL 68-0048 |
| TRANSIENT NATURAL CONVECTION IN A VERTICAL TUBE WITH NON-AXISYMMETRIC WALL TEMPERATURE | AFOSR67-1508 |
| APPROXIMATE NATURAL INITIALS FOR CARBON SUPER IS | AFOSR68-1128 |
| WIND TUNNEL TESTS OF NATURAL SHAPE BALLOON MODEL | AFOSR67-0543 |
| STRENGTH PARAMETERS OF NATURAL SOIL SURFACES AND THEIR APPLICATION TO THE LANDING PROBLEM OF AIRCRAFT | AFOSR68-0551 |
| ANGLE DEPENDENT REFLECTIVITY OF NATURAL SURFACES 1 - 12 MICRON FINAL REPORT AUG 1968 | AFOSR67-1758 |
| SYNTACTIC DEPICTION INTERPRETATION OF NATURAL LANGUAGE | AFOSR68-2303 |
| THE HYDRODYNAMICS OF POLYMER SOLUTIONS PART I NATURAL RUBBER AND BENZENE | AFOSR67-2348 |
| ON THE PHENOMENON OF DESCRIBING THE GRAMMAR OF NATURAL LANGUAGES | AFOSR67-0089 |
| INVESTIGATIONS OF THE POLARIZATION OF LIGHT REFLECTED BY NATURAL SURFACES | AFOSR68-0796 |
| COMPUTABLE SEMANTIC DERIVATIONS /AND THEIR APPLICATION TO NATURAL LANGUAGE TEXTS/ | AFOSR68-0943 |
| ROLE OF SINO AORTIC REFLEXES IN THE REGULATION OF EXPERIMENTAL RENAL HYPERTENSION DURING NATURAL SLEEP | |
| NATURALLY | |
| COMPLETE PROTON AND NATURALLY OCCURRING SULFUR ISOTOPE SUPER 33S HYPERFINE SPLITTINGS IN THE THIANTHRENE CATION | AFOSR68-1312 |
| NATURE | |
| NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1966 | AFOSR67-0610 |
| NATURE OF THE EFFECTS IN GERMANIUM TELLUROIDE | AFOSR67-1453 |
| NATURE AND ORIGINISATION OF THE CUTOFF-LATERAL-WAVE EXCITED BY SUBMERGED ANTENNAS | AFOSR67-1862 |
| NATURE OF VIBRATIONS ASSOCIATED WITH THE NERVOUS SYSTEM OF CERHALOPODS | AFOSR68-0288 |
| NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1967 | AFOSR68-0520 |
| NATURE OF THE INTERACTION OF SECONDARY ELECTRONS WITH CHEMICAL SYSTEMS | AFOSR68-0941 |
| NATURE OF THE ELECTRICAL CONDUCTION TRANSIENTS OBSERVED IN HUILE | ARL 67-1148 |
| NATURE OF THE FLOW IN A SWIRL CHAMBER HAVING ENDWALL FLOW REVERSAL FINAL REPORT JULY 1968 | ARL 68-0131 |
| THE NATURE OF THE PRODUCT FROM THE REACTION BETWEEN OCTACARADNYLOCOAL AND HIS /TRIFLUOROMETHYL/ O-THIETEN | AFOSR67-0604 |
| HOW NATURE HAS SOLVED A DIFFICULT OPTICAL PROBLEM /SWEDISH/ | AFOSR67-0902 |
| THE NATURE OF PULSATING RADIO SOURCES | AFOSR68-2072 |
| THE NATURE OF THE RED-SHIFTS IN QUASI-STELLAR OBJECTS | AFOSR68-2201 |
| THE NATURE OF THE ELECTRICAL CONDUCTION TRANSIENT BEHAVIOR OF HUILE | ARL 68-1150 |
| ON THE NATURE OF SHORT-CIRCUIT DIFFUSION PATHS IN NICKEL OXIDE FILMS | AFOSR67-1086 |
| ON THE NATURE OF CHARGE-CARRIERS IN LIQUID SELENIUM CONTAINING CHLORINE | AFOSR67-1311 |
| ON THE NATURE OF MASSIVE PHASES IN HYPOEUTECTOID COPPER- GALLIUM ALLOYS | AFOSR67-1415 |
| ON THE NATURE OF SHORT-TERM MEMORY ENCODING BY THE DEAF | AFOSR67-1413 |
| ON THE NATURE OF SPEECH SCIENCE | ARL 67-1179 |
| THE PHYSICAL NATURE OF THE NUMERICAL INSTABILITY IN THE SOLUTION OF THE EQUATIONS OF TRANSFER | AFOSR67-0327 |
| MECHANISM OF FART SHAKES AND NATURE OF FAULTING ON THE MID-OCEANIC RIDGES | AFOSR68-1098 |
| GALACTIC HII REG IS THE NATURE OF THE RADIO SOURCE W49 | |
| NAVIER | |
| INTEGRATION OF THE UNSTEADY NAVIER STOKES EQUATIONS BY FINITE DIFFERENCES | ARL 67-1064 |

| | |
|--|--|
| NAVIER-STOKES | |
| ON THE STATIONARY SOLUTIONS OF THE NAVIER-STOKES EQUATIONS IN TWO DIMENSIONS
ON THE EXTERIOR STATIONARY PROBLEM FOR THE NAVIER-STOKES EQUATIONS AND ASSOCIATED PERTURBATION PROBLEMS | AFOSR68-2432
AFOSR68-2525 |
| NAVIGATION | |
| AUTOMATIC NAVIGATION
LONG RANGE NAVIGATION IN ANIMALS FINAL REPORT SPRY 1968
DAMPING GIMBALLESS INERTIAL NAVIGATION SYSTEMS
DEVELOPMENT AND ANALYSIS OF MODELS FOR A MAP MATCHING NAVIGATION SYSTEM | AFOSR68-2202
AFOSR68-2373
AFOSR68-0298
AFOSR68-2050 |
| NE/E/-NE | |
| D-STRUCTURE AND K-SHELL VACANCIES IN NE/E/-NE COLLISIONS AT 150 TO 400 KEV | AFOSR67-1137 |
| NEAR-EARTH | |
| RESEARCH DIRECTED TOWARD MEASUREMENT OF THE ENERGETIC CHARGED PARTICLE ENVIRONMENT IN NEAR-EARTH SPACE FINAL REPORT | AFCL67-0231 |
| NEAR-EQUATORIAL | |
| SELF-DIFFUSION IN NEAR-EQUATORIAL ORDERED GOLD-CADMIUM ALLOYS | AFOSR67-1171 |
| NEAR-FIELD | |
| NEAR-FIELD SOLUTION FOR NON-EQUILIBRIUM TRANSONIC FLOW AROUND A CORNER | AFOSR67-1098 |
| NEAR-INFRARED | |
| A COMPARISON OF THE CONVERSION EFFICIENCY OF NEAR-INFRARED SENSITIVE PHOTOGRAPHIC FILMS WITH THAT OF STANDARD. | ARL 68-0256 |
| NEAR-STOICHIOMETRIC | |
| NEEL TRANSFORMATION IN NEAR-STOICHIOMETRIC IRON SUB X OXYGEN | AFOSR68-1872 |
| NEAR-WAKE | |
| ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
LAMINAR BOUNDARY-LAYER SEPARATION AND NEAR-WAKE FLOW FOR A SMOOTH BLUNT BODY AT SUPERSONIC AND HYPERSONIC SPEEDS | ARL 67-0037
ARL 67-0289
AFOSR67-2448 |
| NEAREST-NEIGHBOR | |
| NEAREST-NEIGHBOR ELECTRON SCATTERING IN SILICON | AFOSR67-0454 |
| NEARLY-FREE | |
| DRAW ON AN OBJECT IN NEARLY-FREE MOLECULAR FLOW | AFOSR67-1248 |
| NEBULA | |
| OBSERVATION OF GAMMA RADIATION FROM THE CRAB NEBULA
AN UPPER LIMIT TO CURCULAPLY POLARIZED RADIATION FROM THE CRAB NEBULA
SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE VII. THE IRREGULAR PLANETARY NEBULA NGC 2440 | AFOSR68-0486
AFOSR68-1048
ARL 68-0294 |
| NEBULAE | |
| SPECTROPHOTOMETRY OF GALACTIC NEBULAE INTERNAL OPACITY AND INTERNAL MASS STRUCTURE OF HII EMISSION REGIONS FINAL
ELECTRON TEMPERATURES OF IONIZED NEBULAE DERIVED FROM H β AND RADIO FLUX DENSITIES
CHEMICAL COMPOSITIONS OF GASEOUS NEBULAE AND PECULIAR STARS FINAL REPORT APRIL 1967
SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE VII. THE IRREGULAR PLANETARY NEBULA NGC 2440
THE CHEMICAL COMPOSITION OF PLANETARY NEBULAE
SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE XI. THE PLANETARY NGC 6543
SPECTRA OF THE CENTRAL STARS OF PLANETARY NEBULAE
ATOMIC PROCESSES WITH SPECIAL APPLICATION TO GASEOUS NEBULAE | AFCL68-0078
AFCL67-0385
AFOSR67-1065
ARL 68-0294
AFOSR68-2561
ARL 68-0200
AFOSR68-2792
ARL 68-0157 |
| NECESSARY | |
| NECESSARY CONDITIONS FOR OPTIMAL SINGLE IMPULSE TRANSFER
NECESSARY CONDITIONS FOR THE REALIZABILITY OF N-PORT RESISTIVE NETWORKS WITH MORE THAN N PLUS $1/N$ NODES
NECESSARY AND SUFFICIENT CONDITION FOR A CONVER SET TO BE CLOSED
A NECESSARY CONDITION FOR FOUR-COLORING A PLANAR GRAPH
GENERAL NECESSARY CONDITIONS FOR OPTIMIZATION PROBLEMS | AFOSR67-0358
AFOSR67-0487
AFOSR67-1781
AFOSR67-0685
AFOSR67-0145 |
| NEEPL | |
| FREE CONVECTION FROM A VERTICAL NEEDLE | AFOSR67-1576 |
| NEFS | |
| INFORMAT, I NEEDS AND USES IN SCIENCE AND TECHNOLOGY | AFOSR67-2023 |
| NEFL | |
| NEEL TRANSFORMATION IN NEAR-STOICHIOMETRIC IRON SUB X OXYGEN | AFOSR69-1872 |
| NEGATIVE | |
| NEGATIVE CYCLOTRON RESONANCE ABSORPTION FINAL REPORT AUG 1967
NEGATIVE RESULTS IN A SEARCH FOR RADIO EMISSION FROM INFRARED AND T TAURI STARS
NEGATIVE ION IMPACT STUDIES
NEGATIVE ION IMPACT STUDIES
NEGATIVE ION-MOLECULE REACTIONS IN SIMPLE INORGANIC SYSTEMS
NOTION OF NEGATIVE IONS ALONG QUANTIZED VORTEX LINES
MECHANISMS NEGATIVE HELIUM IONS USING POTASSIUM VAPOUR EXCHANGE
THE EFFECT OF NEGATIVE IONS ON DOUBLE SPACE-CHARGE SHEATHS
INVESTIGATION OF NEGATIVE ION REACTIONS AT ELEVATED PRESSURES IN A TIME-OF-FLIGHT MASS SPECTROMETER
MASS SPECTROMETRIC STUDIES OF NEGATIVE ION-MOLECULE REACTIONS
TRANSLATION ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS
FORMATION OF RESONANT STATES IN NEGATIVE K MESON PLUS PROTON INTO NEGATIVE K MESON PLUS PROTON BETWEEN 0.8 AND 1.2
TRANSLATIONAL ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS
FINAL STATE INTERACTION EFFECTS IN NEGATIVE PION MESONIC DECAYS OF LIGHT HYPERNUCLEI
NOTES ON SECONDARY ELECTRONS III THE NEGATIVE GLOW AND FARADAY DARK SPACE
ELECTRON CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE
ELECTRON CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE
COMBUSTION OF AMMONIUM PERCHLORATE--SOME NEGATIVE CONCLUSIONS
SOME OBSERVATIONS CONCERNING THE SUPRAMULTIPLET OF NEGATIVE -PARITY EXCITED STATES IN THE ALPHA PARTICLE | AFCL67-0497
AFOSR67-2778
ARL 68-0317
ARL 68-1052
ARL 68-1436
AFOSR68-2208
AFOSR68-2900
ARL 68-0291
ARL 68-1216
ARL 68-1181
ARL 68-0326
AFOSR67-0762
ARL 68-1053
AFOSR68-1258
ARL 68-0293
ARL 67-0240
ARL 68-0292
AFOSR68-2818
AFOSR67-0872 |

NEGATIVE

- CONTINUED

ANALYSIS OF DIFFUSION AND RECOMBINATION LOSSES IN THE NEGATIVE GLOW
FORMATION OF RESONANT STATES IN NEGATIVE K MESON PLUS PROTON INTO NEGATIVE K MESON PLUS PROTON BETWEEN 0.8 AND 1.2
DEUTERIUM ISOTOPE EFFECTS IN THE ELECTRON SPIN RESONANCE SPECTRA OF NAPHTHALENE NEGATIVE IONS
PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM THE EFFECT OF PRESSURE ON THE PROPERTIES OF THE NEGATIVE ION
ARL 68-1448
AFOSR67-0792
AFOSR68-0397
AFOSR68-0111

NEGATIVE-ION
NEGATIVE-ION CAPTURE BY VORTEX LINES IN HELIUM II
AFOSR68-0097

NEGATIVE-PARITY
PROPERTIES OF THE $1/2^-$ -DIMENSIONAL $5/2^+$ SUPERMULTIPLETS OF NEGATIVE-PARITY EXCITATIONS OF OXYGEN 16 USING REALISTIC
AFOSR67-2691

NEGOTIATION
QUESTION NEGOTIATION AND INFORMATION SEEKING IN LIBRARIES FINAL REPORT JULY 1967
ROLE STRUCTURE LEADERSHIP AND NEGOTIATION EFFECTIVENESS
PREDICTIVE MODEL FOR INTRAGROUP NEGOTIATION FINAL REPORT MAY 1968
GRINS, AN ON-LINE STRUCTURE FOR THE NEGOTIATION OF INQUIRIES FINAL REPORT SEPT 1967
AFOSR67-2365
AFOSR67-1571
AFOSR68-0057
AFOSR68-1337

NEGOTIATIONS
HOW PREDICTABLE ARE NEGOTIATIONS
AFOSR68-0996

NEIGHBORING
STATISTICAL INDEPENDENCE OF EVENTS IN NEIGHBORING RETINAL UNITS
AFOSR67-2540

NEODYMIUM
PHOTOACTIVATION OF CERIUM NEODYMIUM SAMARIUM AND GADOLINIUM
AFOSR67-0595

NEON
USE OF NEON EXCHANGE GAS FOR PRECOOLING HELIUM CRYOSTATS
SCATTERING OF HELIUM NEON ARGON AND XENON FROM THE $1111/2$ PLANE ON NICKEL COMPARISON WITH SILVER $1111/2$ & GOLD $1111/2$
THE RADIAL PROFILE OF NEON IS METASTABLE IN A HE-NE LASER AND THEIR LENS EFFECT ON LASING AT 6401A
VISIBLE CONTINUA IN KRYPTON KRYPTON AND NEON
INTERATOMIC POTENTIAL PARAMETERS OF SOLID NEON AND ARGON
ISOTOPIC DIFFERENCES IN THE ZERO DEGREES K VOLUME AND SUBLIMATION ENERGIES OF SOLID NEON AND ARGON
RADIATIVE AND COLLISION-INDUCED RELAXATION OF ATOMIC STATES IN THE $2D5/2$ CONFIGURATION OF NEON
AFOSR67-1709
AFOSR68-1941
ARL 68-1444
AFOSR67-2250
AFOSR67-1781
AFOSR67-0489
AFOSR67-0309

NEON-NEON
O STRUCTURE AND INNER-SHELL VACANCIES IN NEON-NEON AND KRYPTON-KRYPTON COLLISIONS
AFOSR68-2062

NEOPRENE
THE DEVELOPMENT OF A CONSTITUTIVE RELATION FOR NEOPRENE BALLON FILM
AFOSR67-0573

NERNST
SIMPLE CIRCUIT FOR NERNST GLOWEN CONTROL
AFOSR68-0019

NERVE
CATECHOLAMINES IN NERVE AND ORGAN GRANULES
BIOCHEMICAL PROFILE OF NERVE MEMBRANE FINAL REPORT FEB 1967
BIOCHEMICAL PROFILE OF NERVE MEMBRANE FINAL REPORT FEB 1968
THE ACTIVITY OF AFFERENT NERVE FIBERS FROM THE VESTIBULAR ORGAN AND OF NEURONS IN THE VESTIBULAR NUCLEI OF
THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE NUCLEUS AFTER STIMULATION OF VISUAL CORTEX
BIOLOGICAL ASPECTS OF THE NERVE GROWTH FACTOR
THE UPTAKE OF ISOPRENALINE IN NERVE GRANULES
MODULATION OF TRANSMISSION OF OPTIC NERVE IMPULSES IN THE ALERT CAT: EVIDENCE OF PRESYNAPTIC INHIBITION OF PRIMARY
ANALYSIS OF THE MECHANISM OF ACTION OF THE NERVE GROWTH FACTOR
REUPTAKE OF NORADRENALINE IN ISOLATED ADRENERGIC NERVE GRANULES AND THE ACTION OF ATP
REUPTAKE AND NOT UPTAKE OF NORADRENALINE IN ADRENERGIC NERVE GRANULES WITH A NOTE ON THE AFFINITY FOR L- AND D-ISOMERS
REGENERATION OF SMOOTH AND STRIATED MUSCLE BY SENSORY NERVE FIBERS
GUSTATORY AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL NERVE OF THE RABBIT AND CAT
GUSTATORY AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL NERVE OF THE RAT
ELECTROPHYSIOLOGICAL STUDY OF TACTILE RESPONSES TO OPTIC NERVE VOLLY
STIMULATED DEMONSTRATION OF ADRENERGIC AND NON-ADRENERGIC NERVE FIBERS
SYNAPTIC TRANSMISSION AND ITS RELATION TO SURFACE CHEMISTRY OF NERVE CELLS FINAL REPORT FEB 1968
MECHANISM OF DRUG-INDUCED CATECHOLAMINE RELEASE FROM ADRENERGIC NERVE GRANULES
RELATIONSHIP BETWEEN CORTICAL ACTIVITY AND THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE BODY
SOME FACTORS AFFECTING CATECHOLAMINE UPTAKE STORAGE AND RELEASE IN ADRENERGIC NERVE GRANULES
INHIBITORY ACTION OF ADRENERGIC BLOCKING AGENTS ON CATECHOLAMINE RELEASE AND UPTAKE IN ISOLATED NERVE GRANULES
AFOSR67-0112
AFOSR67-1337
AFOSR68-1000
AFOSR68-0672
AFOSR67-2539
AFOSR68-2788
AFOSR67-2602
AFOSR67-0557
AFOSR68-2332
AFOSR68-0102
AFOSR68-0311
AFOSR68-0704
AFOSR67-2362
AFOSR67-2384
AFOSR67-2547
AFOSR68-1649
AFOSR68-0525
AFOSR68-0867
AFOSR67-2544
AFOSR68-0872
AFOSR67-0900

NERVE
REMARKABLE ADRENERGIC NERVES IN THE EXOCRINE PANCREAS
AFOSR68-1016

NERVOUS
NERVOUS PROCESSES UNDERLYING BEHAVIOR AND LEARNING FINAL REPORT APRIL 1967
NERVOUS CONTROL OF FLASHING IN THE FIREFLY LUCIFOLA ITALICA L
MONOAMINERGIC MECHANISMS IN NERVOUS TISSUE FINAL REPORT JAN 1967
RECIPROCAL CONTROLS BETWEEN NERVOUS SYSTEM AND ENDOCRINE SECRETION FINAL REPORT FEB 1967
MONOAMINERGIC MECHANISMS IN NERVOUS TISSUE FINAL REPORT APRIL 1967
SOME COMPARISONS BETWEEN THE NERVOUS SYSTEMS OF CEPHALOPODS AND MAMMALS
ELECTRODE PROBLEMS IN CENTRAL NERVOUS MONITORING IN PERFORMING SUBJECTS
MONOAMINERGIC MECHANISMS IN THE NERVOUS SYSTEM OF LUMPHICUS TERRESTRIS /L /
REACTIVITY CHANGES IN THE CENTRAL NERVOUS SYSTEM CONCOMITANT WITH CHRONIC FEAR AND FOOD DEPRIVED STATES
NATURE OF VESICLES ASSOCIATED WITH THE NERVOUS SYSTEM OF CEPHALOPODS
APPLICATION OF INFORMATION THEORY TO THE NERVOUS SYSTEM FINAL REPORT APRIL 1967
COMMUNICATION AND INFORMATION THEORY ASPECTS OF THE NERVOUS SYSTEM FINAL REPORT JULY 1967
LOCALIZATION OF MONOAMINERGIC NEURONS IN THE CENTRAL NERVOUS SYSTEM OF ASTACUS ASTACUS LINNE /CRUSTACEA/
NEUROPHARMACOLOGICAL STUDIES AND POSTULATES ON EXCITATION AND DEPRESSION IN THE CENTRAL NERVOUS SYSTEM
AFOSR67-2272
AFOSR68-2717
AFOSR67-0531
AFOSR67-0920
AFOSR68-1648
AFOSR68-0286
AFOSR68-1653
AFOSR68-0715
AFOSR68-0863
AFOSR68-0288
AFOSR67-0922
AFOSR67-1522
ARL 68-0105
AFOSR67-1316

NEUTRON
1,2- AND 1,4-ADDITION PRODUCTS FROM THE REACTION OF BENZYL MAGNESIUM CHLORIDE AND TRANS-ALPHA-PHENYLCHALCONE
AFOSR67-2422

NEST
FINITE NEST STRUCTURES AND PROPOSITIONAL LOGIC
AFOSR67-1525

NEST - CONTINUED

TREES AND NEST STRUCTURES

AFOSR67-1804

NETS

LOGIC NETS THEIR CHARACTERIZATION RELIABILITY AND EFFICIENT SYNTHESIS FINAL REPORT OCT 1967
ON ADAPTIVE NETS
INTEGRATED LOGIC NETS FINAL REPORT JAN 1967
COMPUTATION IN NEURAL NETS
ON THE LIMIT SETS OF THE 2 X 1 HOMOGENEOUS NETS
PARAMETRIC ANALYSIS OF STATISTICAL COMMUNICATION NETS
NONLINEAR PREPROCESSING OF INPUTS TO LINEAR NEURAL NETS

AFCLRL67-0619
AFOSR68-1347
AFCLRL67-0066
AFOSR67-0962
AFCLRL67-0039
AFOSR68-2425
AFOSR67-0054

NETS-PSPOND

ON THE OPTIMUM SYNTHESIS OF STATISTICAL COMMUNICATION NETS-PSEUDO PARAMETRIC TECHNIQUES

AFOSR68-0543

NETWORK

NETWORK SYNTHESIS AND SENSITIVITY RESEARCH FINAL REPORT SEPT 1967
NETWORK THEORY PROBLEMS IN IMPEDANCE LOADING
NETWORK FUNCTION SYNTHESIS USING NON-IDEAL GROUNDED AMPLIFIERS AND RC ONE-PORTS
NETWORK FUNCTION DETERMINATION FROM PARTIAL SPECIFICATIONS
ACTIVE NETWORK SYNTHESIS USING PRACTICAL AMPLIFIERS
LUMPED NETWORK PASSIVITY CRITERIA
GENERALIZED NETWORK PARAMETERS FOR BODIES OF REVOLUTION
COMPUTER-AIDED NETWORK DESIGN
FULLY AUTOMATED NETWORK DESIGN BY DIGITAL COMPUTER PRELIMINARY CONSIDERATIONS
INVESTIGATION OF NETWORK REALIZABILITY II FINAL REPORT FEB 1968
THE INFLUENCE OF NETWORK STRUCTURE ON THE PERFORMANCE OF LEARNING SYSTEMS
ANISOTROPIC MEDIA AND NETWORK SYNTHESIS FINAL REPORT OCT 1967
NOVEL ASPECTS OF ACTIVE NETWORK THEORY FINAL REPORT SEPT 1968
THE NEW ENGLAND SEISMIC NETWORK FINAL REPORT OCT 1967
STUDIES OF A THEORY FOR NETWORK DESIGN FINAL REPORT NOV 1968
OPERATION OF A LONG PERIOD SISMOGRAPH NETWORK UTILIZING MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON
A LOCALLY-DISTRIBUTED ASSOCIATIVE MEMORY NETWORK
RHYTHMIC ACTIVITY IN A SIMULATED NEURONAL NETWORK
THE STUDY OF COMPLEMENTARY POLYNOMIALS IN A NETWORK SENSE
APPLICATION OF GENERALIZED FUNCTION THEORY TO NETWORK REALIZABILITY THEORY AND TIME DOMAIN SYNTHESIS OF POSITIVE-REAL
THE PLACE OF THE SMALL LIBRARY IN THE NATIONAL NETWORK
AN ANALYSIS OF THE PERFORMANCE OF THE THREE-STATION SPARS NETWORK FOR DETECTING AND TRACKING THUNDERSTORM ACTIVITY

AFAL 67-0221
AFCLRL68-0027
AFCLRL68-0111
AFCLRL68-0349
AFOSR67-0390
AFOSR68-2460
AFCLRL68-0242
AFOSR68-1389
AFOSR68-2078
AFCLRL68-0117
AFOSR68-1350
AFCLRL67-0806
AFAL 67-0185
AFCLRL67-0549
AFOSR68-2610
AFCLRL67-0440
AFOSR68-0959
AFOSR67-0207
AFCLRL67-0376
AFCLRL68-0389
AFOSR67-2005
AFCLRL68-0272

NETWORKS

NETWORKS WITH UNITY-GAIN VOLTAGE AMPLIFIERS
GENERALIZED NETWORKS PROCEEDINGS OF THE SYMPOSIUM ON SYMPOSIA SERIES VOL XVI NEW YORK N Y APRIL 12-14 1966 POLYTECHNIC
ACTIVE RC DELAY NETWORKS USING OPERATIONAL AMPLIFIERS
INTEGRATED LOGIC NETWORKS FINAL REPORT OCT 1968
MICROWAVE ALL-PASS NETWORKS FOR ANTENNA FEED SYSTEMS
DYNAMIC COMMUNICATION NETWORKS
THEORY OF CELLULAR LOGIC NETWORKS AND MACHINES FINAL REPORT JAN 1968
ANALYSIS AND SYNTHESIS OF NETWORKS USING RESONATORS COMPATIBLE WITH INTEGRATED ELECTRONICS
LOGIC HAZARDS IN THRESHOLD NETWORKS
VULNERABILITY OF COMMUNICATION NETWORKS
STABILITY OF NONLINEAR TIME-VARYING NETWORKS
ANALYSIS AND DESIGN OF COMMUNICATION NETWORKS WITH MEMORY
RESEARCH ON THE THEORY AND DESIGN OF ACTIVE NETWORKS FINAL REPORT SEPT 1966
A STABILITY THEORY FOR NON-LINEAR DISTRIBUTED NETWORKS
LOGIC DESIGN TECHNIQUES FOR PROPAGATION LIMITED NETWORKS FINAL REPORT NOV 1967
STRESS-STRAIN ISOTHERMS FOR POLY-DIMETHYLSILOXANE NETWORKS
RESPONSE TO TRANSDUCER POWER GAIN IN OPTIMALLY MATCHED NETWORKS
FURTHER STUDIES ON DISTRIBUTED ADAPTATION IN NEURONAL NETWORKS FINAL REPORT AUG 1967
NORMAL FORM AND STABILITY OF A CLASS OF COUPLED NONLINEAR NETWORKS
NECESSARY CONDITIONS FOR THE REALIZABILITY OF N-PORT RESISTIVE NETWORKS WITH MORE THAN $N/2$ PLUS 1/2 NODES
AN ADAPTIVE COMPUTING SYSTEM FOR THE SYNTHESIS OF THRESHOLD LOGIC NETWORKS
REALIZATION OF A CLASS OF SWITCHING FUNCTIONS BY THRESHOLD- LOGIC NETWORKS
OPTIMAL MATCHING A NEW APPROACH TO THE MATCHING PROBLEM FOR REAL LINEAR TIME-INVARIANT ONE-PORT NETWORKS

AFCLRL67-0553
AFOSR67-0848
AFCLRL67-0333
AFCLRL68-0516
AFCLRL67-0235
AFOSR68-0090
AFCLRL68-0148
AFCLRL67-0472
AFOSR68-1807
AFOSR68-1176
AFOSR67-0718
AFOSR67-0393
AFCLRL67-0060
RADOC 67-0328
AFCLRL68-0002
AFOSR67-0732
AFOSR68-2643
ANML 67-0121
AFOSR68-0076
AFOSR67-0487
AFOSR68-0039
AFOSR68-1869
AFOSR68-2402

NEURAL

NEURAL MECHANISMS INVOLVED IN INSTINCTIVE BEHAVIOR FINAL REPORT NOV 1966
NEURAL MECHANISMS OF EMOTIONAL BEHAVIOR /GERMAN/
NEURAL ORGANIZATION OF SENSORY INFORMATION FOR TASTE
A NEURAL COMPONENT IN DARK ADAPTATION
COMPUTATION IN NEURAL NETS
PREFERENCE FOR AND NEURAL GUSTATORY RESPONSE TO SODIUM SALTS IN RATS
ELECTROPHYSIOLOGICAL EVIDENCE FOR A NEURAL STAGE IN DARK ADAPTATION
RESEARCH ON THE ANALOGICAL SIMULATION OF NEURAL BEHAVIOR FINAL REPORT JUNE 1967
NONLINEAR PREPROCESSING OF INPUTS TO LINEAR NEURAL NETS
DRAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL MECHANISMS AND SOCIAL PATTERNS UCLA FORUM IN MEDICAL SCIENCES

AFOSR67-0097
AFOSR67-2101
AFOSR67-2381
AFOSR67-2561
AFOSR67-0982
AFOSR67-2623
AFOSR67-2565
AFOSR67-1313
AFOSR67-0058
AFOSR68-1341

NEUROELECTRIC

USING ELECTRONIC CIRCUITS TO MODEL SIMPLE NEUROELECTRIC INTERACTIONS

AFOSR68-2118

NEURONMORS

DISCUSSION OF AGGRESSION DEFENSE AND NEURONMORS - PAPER BY ALAN B ROTHBALLEH PROCEEDINGS OF THE FIFTH CONFERENCE ON

AFOSR68-1877

NEUROHYPHYSIS

CAPACITY OF THE NEUROHYPHYSIS TO RELEASE VASOPRESSIN

AFOSR68-0294

NEURONINE

FURTHER STUDIES ON DISTRIBUTED ADAPTATION IN NEURONINE NETWORKS FINAL REPORT AUG 1967

ANML 67-0121

NEURON

INITIATIVE STUDY ON THE NIGRO-NEOSTRIATAL DOPAMINE NEURON SYSTEM IN THE RAT

AFOSR67-0870

NEURONAL

NEURONAL PATTERNS ASSOCIATED WITH AFFECTIVE RESPONSES FINAL REPORT FEB 1967
RHYTHMIC ACTIVITY IN A SIMULATED NEURONAL NETWORK

AFOSR67-1604
AFOSR67-0207

NEURONES

AUDITORY RESPONSES OF NEURONES IN THE LATERAL HYPOENCEPHALIC NUCLEUS /INFERIOR COLICULUS/ OF THE BARBARY DOVE
INSTABILITY OF FIRING THRESHOLD AND REMOTE ACTIVATION IN CORTICAL NEURONES

AFOSR68-0807
AFOSR67-1047

NEURONS

NEURONS OF THE MEDIAL Diencephalon II: EXCITATION OF CENTRAL ORIGIN
NEURONS OF THE MEDIAL Diencephalon I: SOMATOSENSORY RESPONSES AND CAUDATE INHIBITION
BINOCULARLY DRIVEN NEURONS IN VISUAL CORTEX OF SPLIT-CHIASM CATS
ASCENDING MONAMINE NEURONS TO THE TELEENCEPHALON AND Diencephalon
BIOCHEMICAL STUDIES OF NEURONS AND GLIA DURING LEARNING AND DIFFERENT FUNCTIONAL CONDITIONS FINAL REPORT MAY 1967
LOCALIZATION OF MONAMINERGIC NEURONS IN THE CENTRAL NERVOUS SYSTEM OF ASTACUS ASTACUS LINNE /CRUSTACEA/
THE SECRETORY CYCLE OF SUPRAOPTIC NEURONS IN THE CAT A STRUCTURAL-FUNCTIONAL CORRELATION
TYPES OF INFORMATION STORED IN SINGLE NEURONS
FUNCTIONAL ROLE OF THE NIGRO-NEOSTRIATAL DOPAMINE NEURONS
RELEASE OF COORDINATED BEHAVIOR IN CRAYFISH BY SINGLE CENTRAL NEURONS
SPECIALIZED JUNCTIONS INVOLVED IN ELECTRICAL TRANSMISSION BETWEEN NEURONS
THE ACTIVITY OF AFFERENT NERVE FIBERS FROM THE VESTIBULAR ORGAN AND OF NEURONS IN THE VESTIBULAR NUCLEI OF
FURTHER STUDIES ON THE VELOCITY FUNCTION OF MOVEMENT DETECTING CLASS-2 NEURONS IN THE FROG RETINA
MECHANISMS OF INHABIT PATTERN LEARNING MEMORY AND READ-OUT WITHIN SINGLE NEURONS FINAL REPORT DEC 1967

AFOSR67-0869
AFOSR67-0970
AFOSR68-0692
AFOSR67-0849
AFOSR67-1690
AFOSR67-0105
AFOSR67-2004
AFOSR67-1371
AFOSR67-0868
AFOSR67-0867
AFOSR67-1491
AFOSR68-0672
AFOSR68-2703
AFOSR67-2833

NEUROPHARMACOLOGICAL

NEUROPHARMACOLOGICAL STUDIES AND POSTULATES ON EXCITATION AND DEPRESSION IN THE CENTRAL NERVOUS SYSTEM
NEUROPHYSIOLOGICAL AND NEUROPHARMACOLOGICAL STUDIES OF CORTICAL EVOKED RESPONSES FINAL REPORT JUNE 1966
MONAMINES AND SLEEP POLYGRAPHIC NEUROPHARMACOLOGICAL AND HISTOCHEMICAL STUDY OF SLEEP IN THE CAT /FRENCH/

AFOSR67-1316
AFOSR67-0099
AFOSR67-0511

NEUROPHYSIOLOGICAL

NEUROPHYSIOLOGICAL AND NEUROPHARMACOLOGICAL STUDIES OF CORTICAL EVOKED RESPONSES FINAL REPORT JUNE 1966
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP FINAL REPORT PER 1967
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP FINAL REPORT OCT 1967

AFOSR67-0099
AFOSR67-0368
AFOSR68-0623

NEUROPHYSIOLOGY

NEUROPHYSIOLOGY
THE NEUROPHYSIOLOGY OF ANESTHESIA
COMPARATIVE NEUROPHYSIOLOGY OF THE VISUAL SYSTEM FINAL REPORT SEPT 1967
COMPARATIVE NEUROPHYSIOLOGY OF THE VISUAL SYSTEM FINAL REPORT SEPT 1968
REVIEW OF CLINICAL AND EXPERIMENTAL STUDIES IN CONDITIONAL REFLEXES PSYCHO AND NEUROPHYSIOLOGY IN USSR CZECHOSLOVAKIA

AFOSR67-0862
AFOSR67-1014
AFOSR67-2384
AFOSR68-2317
AFOSR67-1246

NEUROSECRETION

ULTRASTRUCTURAL ASPECTS OF THE INHIBITION OF NEUROSECRETION BY PUROMYCIN

AFOSR67-2097

NEUROSECRETORY

NEUROSECRETORY ACTIVITY IN SUPRAOPTIC NUCLEUS OF NORMAL RATS

AFOSR67-2095

NEUROVEGETATIVE

STUDIES ON THE NEUROVEGETATIVE AND BEHAVIORAL FUNCTIONS OF THE BRAIN SERPIL AREA

AFOSR68-0415

NEUTRAL

NEUTRAL OXYGEN IN LATE-TYPE STARS
NEUTRAL ATMOSPHERIC TEMPERATURES FROM INCOHERENT SCATTER OBSERVATIONS
MULTIPLE NEUTRAL PION PRODUCTION
RADIOLYSIS OF NEUTRAL AQUEOUS SOLUTIONS OF CYSTEINE IN THE PRESENCE OF OXYGEN
LIFETIME OF THE NEUTRAL PION
A STUDY OF PROPOSED NEUTRAL EXCITATION BY INTERACTION OF ULTRASONIC AND ELECTROMAGNETIC ENERGY
ELECTRONS WITHIN THE NEUTRAL SHEET OF THE MAGNETOSPHERIC TAIL
A CLASS OF FUNCTIONAL EQUATIONS OF NEUTRAL TYPE
LASER OSCILLATION ON ELECTRONIC TRANSITIONS IN NEUTRAL NSUB2 AND CO
REACTION OF K PLUS PARTICLES WITH PROTONS INTO NEUTRAL K PLUS POSITIVE PION PLUS PROTONS AT 21.26 MEV/C
RESEARCH DIRECTED TOWARD THE STUDY OF IONIC AND NEUTRAL SPECIES IN THERMAL PLASMAS FINAL REPORT SEPT 1967
ON THE NUMERICAL INTEGRATION OF A SYMMETRIC SYSTEM OF DIFFERENCE-DIFFERENTIAL EQUATIONS OF NEUTRAL TYPE

AFOSR67-1332
AFOSR68-1052
AFOSR68-0135
AFOSR68-2519
AFOSR67-0172
AFOSR68-0870
AFOSR68-0654
AFOSR68-0853
AFOSR67-1505
AFOSR67-2340
AFOSR67-0500
AFOSR68-0674

NEUTRALIZATION

MEASUREMENT OF ION-ION NEUTRALIZATION CROSS SECTIONS FINAL REPORT JULY 1968

AFOSR68-0442

NEUTRALIZED

THE EFFECT OF FINITE ION MASS ON THE STABILITY OF A SPACE CHARGE NEUTRALIZED ELECTRON BEAM

ARL 68-1196

NEUTRINO-PAIR

LONG-RANGE FORCES FROM NEUTRINO-PAIR EXCHANGE

AFOSR68-0974

NEUTRINOS

SOLAR NEUTRINOS FROM THE PROTON - HELIUM THREE REACTION
SYNCHROTRON RADIATION OF NEUTRINOS AND ITS ASTROPHYSICAL SIGNIFICANCE

AFOSR67-2093
AFOSR67-1147

NEUTRON

NEUTRON THRESHOLDS TO RESONANT ANALOGUE STATES
NEUTRON TUNNELING IN HE-3/HE-3 2P/HE-4
STUDY OF NEUTRON DEFICIENT NUCLEI FAR FROM BETA-STABILITY LINE
COSMIC RAY NEUTRON STUDIES FINAL REPORT DEC 1967
COSMIC-RAY NEUTRON MONITOR YIELD FUNCTIONS CROSS TRANSFORMATION AND NUCLEONIC COMPONENT MEAN FREE PATHS
STUDY OF THERMAL NEUTRON CAPTURE GAMMA RAYS USING A LITHIUM DRIFTED GERMANIUM SPECTROMETER
DEUTERON POLARIZATION AND NEUTRON FORM FACTORS
GRAVITATIONAL RADIATION FROM NEUTRON STARS
NUCLEAR QUADRUPOLE MOMENTS OF THE NEUTRON DEFICIENT ISOTOPES 13IC5 AND 13PC5
BAROMETRIC COEFFICIENT FOR COSMIC-RAY NEUTRON MONITORS
CALCULATED SPECIFIC YIELD FUNCTIONS FOR NEUTRON MONITORS FINAL REPORT JUNE 1968
NEW APPROXIMATION FOR THE CALCULATION OF NEUTRON SCATTERING FROM A SIMPLE LIQUID
AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON SCATTERING - HEAVY NUCLEI
AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON SCATTERING LIGHT NUCLEI
A NEW METHOD OF COMPARING THE PERFORMANCE OF NEUTRON MONITORS
COUPLED CHANNEL SCHRÖDINGER-EQUATION MODEL FOR NEUTRON- ALPHA AND DEUTERON-TRITON SCATTERING I
QUANTITATIVE DETERMINATION OF EVAPORATED SI FILMS BY NEUTRON ACTIVATION
DIFFERENTIAL RESPONSE AND SPECIFIC YIELD FUNCTIONS OF COSMIC-RAY NEUTRON MONITORS
AIR PRESSURE DEPENDENCE OF COSMIC RAY INTENSITY METHODS AND RESULTS OF A STATISTICAL ANALYSIS OF NEUTRON MONITOR DATA

AFOSR68-0896
AFOSR68-2748
ARL 67-1174
AFOSR68-0006
AFOSR68-0716
AFOSR67-0104
AFOSR67-0672
AFOSR67-0222
AFOSR67-1107
AFOSR68-1107
AFOSR67-0460
AFOSR68-0320
AFOSR68-0721
AFOSR68-1110
AFOSR68-1725
AFOSR67-0213
AFOSR67-0224
AFOSR68-0337
AFOSR67-0477
AFOSR67-0717

NEUTRON-NEUTRON
BORN-APPROXIMATION FORMULATION OF NEUTRON-DEUTERON SCATTERING WITH TENSOR INTERACTION AFOSR66-2859

NEUTRON-NUCLEUS
THE NEUTRON-NUCLEUS INTERACTION AFOSR67-1261

NEUTRONS
PLASTIC SCATTERING OF NEUTRONS FROM O AND AR AT FOURTEEN MEV AFOSR67-1760
THE ATMOSPHERIC AND LEAKAGE FLUX OF NEUTRONS PRODUCED IN THE ATMOSPHERE BY COSMIC RAY INTERACTIONS AFOSR67-0173
THE SHAPE OF THE MASS SURFACE IN THE REGION OF 90 NEUTRONS AFOSR67-1757
A COUNTER FOR THE MEASUREMENT OF THE ATMOSPHERIC AND EARTH LEAKAGE FLUX OF SECONDARY COSMIC RAY NEUTRONS AFOSR67-0493

NEVADA
MORPHOLOGY OF THE NEVADA CATTLEBRANDS AND THEIR BLAZONS PART TWO AFOSR67-2534
SPATIAL DISTRIBUTION AND SOURCE MECHANISM OF MICROEARTHQUAKES IN CENTRAL NEVADA AFOSR67-1635
OBSERVATIONS OF STRATOSPHERIC CLEAR-AIR TURBULENCE AND MOUNTAIN WAVES OVER THE SIERRA NEVADA MOUNTAINS FINAL REPORT AFOSR67-0001

NEWMAN
ON A COMBINATORIAL RESULT OF R A BRUALDI AND N NEWMAN AFOSR66-2276

NEWMAN-PENROSE
INVARIANT TRANSFORMATIONS AND NEWMAN-PENROSE CONSTANTS AHL 66-0270

NEWS
NEWS BROADCASTING ON SOVIET RADIO AND TELEVISION AFOSR67-0957

NEWSPAPERS
SOVIET NEWSPAPERS AND MAGAZINES AFOSR67-1486

NEWTONIAN
IS NEWTONIAN PHYSICS THE ASYMPTOTIC LIMIT OF GENERAL RELATIVITY AFOSR67-1065
GENERATION AND DETECTION OF DYNAMIC NEWTONIAN GRAVITATIONAL FIELDS AT 1600 CPS AFOSR66-1284
NON-LINEAR CONTINUUM MECHANICS AND FLOW PROPERTIES OF NON-NEWTONIAN FLUIDS FINAL REPORT AUG 1966 AFOSR66-1646

NEWTONS
ON NEWTONS METHOD AFOSR66-0299

NICKEL
MAGNETIC EFFECTS IN NICKEL THIOUREA DI-IODIDE AFOSR67-2480
THE DEHYD TEMPERATURE OF NICKEL FROM 0 TO 300 DEGREES KPLVIN AFOSR66-0558
THE CATALYTIC ACTIVITY OF NICKEL AND NICKEL BORIDE FOR FORMIC ACID DECOMPOSITION AFOSR66-0160
THE DIFFUSION OF CARBON IN NICKEL ABOVE AND BELOW THE CURIE TEMPERATURE AFOSR67-2774
NEW ROUTES TO FLUOROCARBON NICKEL COMPLEXES AFOSR66-2141
DITERIARY PHOSPHINE COMPLEXES OF NICKEL SPECTRAL MAGNETIC AND PROTON RESONANCE STUDIES A PLANAR-TETRAHEDRAL AFOSR67-0236
THE CATALYTIC ACTIVITY OF NICKEL AND NICKEL BORIDE FOR FORMIC ACID DECOMPOSITION AFOSR66-0160
CHEMISORPTION OF NITROGEN AND CO2 ON NICKEL AND PLATINUM AFOSR66-0492
ANGULAR CORRELATION MEASUREMENTS FOR NICKEL 58 - PROTON GAMMA AFOSR66-0595
THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL 211/ CYANIDE COMPLEX CONTAINING THE TETRADENTATE LIGAND TRIS(3- AFOSR67-2172
LOW TEMPERATURE MAGNETIC SPECIFIC HEAT OF NICKEL AFOSR67-0371
MOSBAUER STUDY OF FERROMAGNETIC ORDERING IN NICKEL FERRITE AND CHROMIUM-SUBSTITUTED NICKEL FERRITE AFOSR66-0014
ANISOTROPIC SPIN POLARIZATION IN FERROMAGNETIC NICKEL AFOSR67-0494
THE REFLECTANCE OF THE INTERMETALLIC COMPOUNDS NICKEL ALUMINUM AND COBALT ALUMINUM AFOSR67-1183
POLARIZED POSITRON ANNIHILATION IN FERROMAGNETIC NICKEL AFOSR67-0444
ON THE NATURE OF SHORT-CIRCUIT DIFFUSION PATHS IN NICKEL OXIDE FILMS AFOSR67-1085
ORIGIN OF CONSTRICTED MAGNETIZATION LOOPS IN HARD-ROLLED NICKEL AT LOW TEMPERATURES AFOSR66-0166
DEPENDENCE OF CIRCULARITY ON DRIVING FIELD IN MULTILAYER FILMS OF NICKEL AFOSR67-0350
THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF ALUMINUM AND NICKEL AFOSR67-1088
MOSBAUER STUDY OF FERROMAGNETIC ORDERING IN NICKEL FERRITE AND CHROMIUM-SUBSTITUTED NICKEL FERRITE AFOSR66-0014
OPEN-SHELL HARTREE-FOCK MOLECULAR ORBITAL THEORY OF TRANSITION METAL ION COMPLEXES /KNIFE SUBJ/ POTASSIUM NICKEL FLUORIDE AFOSR67-1633

NICTITATING
CHOLINESTERASE ACTIVITY OF THE NICTITATING MEMBRANE REINNERVATED BY CHOLINERGIC FIBERS AFOSR66-2731

NIGHT
OPTICAL SYSTEMS FOR NIGHT TIME AIR-SEA RESCUE ARL 67-1323
OBSERVATIONS OF CR113 WITH A FAST NIGHT SKY Cerenkov DETECTOR AFOSR66-2857

NIGHT-TIME
DETERMINATION OF LOSS AND TRANSPORT IN THE NIGHT-TIME F- REGION FROM BACKSCATTER N-M PROFILES AFOSR67-2662

NIGRO-NEOSTRIATAL
FUNCTIONAL ROLE OF THE NIGRO-NEOSTRIATAL DOPAMINE NEURONS AFOSR67-1666
A QUANTITATIVE STUDY ON THE NIGRO-NEOSTRIATAL DOPAMINE NEURON SYSTEM IN THE RAT AFOSR67-2870

NIRX-CADJUN
SRI EXPERIMENTS ON AFOSR NIRX-CADJUN ROCK 100-6-062 AND ON TRAIL BLAZER 11 AFOSR67-0466

NITROGEN
A STUDY OF THE NITROGEN SURFACE USING LOW ENERGY ELECTRON DIFFRACTION TECHNIQUES ARL 67-1173
CRITICAL DATA ON NITROGEN ADSORPTION IN THIN FILMS OF MAGNETIC FILMS AFOSR67-0466
THE PARALLEL AND ANTI-PALEO FORMATION OF NITROGEN AFOSR67-0466
THE RATE OF NITROGEN ADSORPTION ON NITROGEN-BEARING SURFACES AND SPATIAL DISTRIBUTION OF NITROGEN AFOSR67-0466
THE RATE OF NITROGEN ADSORPTION ON NITROGEN-BEARING SURFACES AND SPATIAL DISTRIBUTION OF NITROGEN AFOSR67-0466
THE RATE OF NITROGEN ADSORPTION ON NITROGEN-BEARING SURFACES AND SPATIAL DISTRIBUTION OF NITROGEN AFOSR67-0466

NITROGEN
THE RATE OF NITROGEN ADSORPTION ON NITROGEN-BEARING SURFACES AND SPATIAL DISTRIBUTION OF NITROGEN AFOSR67-0466

NIPPLED
FINE STRUCTURE OF THE INSECT CORNEA AND CORNEAL NIPPLED DURING ONTOGENESIS AFOSR67-0903

NITRATE
ULTRASONIC RELAXATION OF HYDRATE MELTS CALCIUM NITRATE TETRAHYDRATE
THE FLUOROSULFURIC ACID SOLVENT SYSTEM IN THE SOLUTES WATER AND POTASSIUM NITRATE AFOSR67-2367
AFOSR67-0846

NITRATION
PARTIAL RATE FACTORS IN THE NITRATION OF 10-METHYL-10, 9-BORAZAPHENANTHRENE AFOSR66-1589

NITRIC
STUDIES OF NITRIC OXIDE CHEMILUMINESCENCE USING BOUNDARY LAYER APPROXIMATIONS FINAL REPORT APR 1968 AFOSR67-0143
THE REACTION OF NITRIC OXIDE WITH TRIPHENYLMETHYLPEROXY RADICAL AFOSR66-2868
INTEGRATED INTENSITY OF NITRIC OXIDE FUNDAMENTAL AFOSR66-1204
DETERMINATION OF A 0-REGION NITRIC OXIDE DENSITY PROFILE BY VLF RADIO PROPAGATION AFOSR67-0170
JPPFR ATMOSPHERE O-ATOM DENSITIES BY WIND TUNNEL SIMULATION OF NITRIC OXIDE RELEASES AFOSR67-0083
RATE CONSTANTS FOR CHARGE EXCHANGE INVOLVING QUASISTHERMAL IONS AND NITRIC OXIDE ARL 66-0095
ION-MOLECULE REACTIONS OF PROPANE IONS WITH BENZENE, 1,3-BUTADIENE, HYDROGEN SULFIDE, AND NITRIC OXIDE ARL 66-0059

NITRIDE
OPPOSITION OF SILICON NITRIDE ON METAL-COATED SUBSTRATES AFOSR67-1567
CRITICAL DATA OF NITRIUM NITRIDE IN TRANSVERSE MAGNETIC FIELDS AFOSR67-2589
HEATS OF FORMATION OF BORON NITRIDE AND BORON FLUORIDE AFOSR67-1993
CONDUCTION PROPERTIES OF PYROLYTIC SILICON NITRIDE FILMS AFOSR66-1288
HEATS OF FORMATION OF A-ALPHA-BERYLLIUM CHLORIDE AND A-ALPHA AND B-BERYLLIUM NITRIDE AFOSR67-0864

NITRIDES
SUPERCONDUCTING CRITICAL TEMPERATURES OF NONSTOICHIOMETRIC TRANSITION METAL CARBIDES AND NITRIDES AFOSR67-0102

NITRITES
THE PHOTOLYSIS OF ALKYL NITRITES IN ALCOHOLIC MEDIA AFOSR66-2842

NITROGEN
NITROGEN LINES IN THE INFRARED FRAUNHOFER SPECTRUM AFOSR67-0479
AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLES ARL 67-1222
AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW ARL 66-1366
AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW ARL 66-1397
PRODUCTION OF NITROGEN MOLECULES /A-TRIPLET-SIGMA/ AND CARBON MONOXIDE /A-TRIPLET-PI/ BY MERCURY /SINGLET-P-/ AFOSR66-2605
CHEMISORPTION OF NITROGEN AND CO₂ ON NICKEL AND PLATINUM AFOSR66-0499
INVESTIGATIONS OF NITROGEN BAND SYSTEMS PROMINENT IN ELECTRIC DISCHARGES FINAL REPORT MAR 1968 AFOSR66-0565
AFTERGLOW STUDIES IN NITROGEN AFOSR67-0423
DETERMINATION OF CARBON NITROGEN AND OXYGEN IN SILICON BY ACTIVATION ANALYSIS AFOSR67-0227
CONDENSATION OF AIR AND NITROGEN IN HYPERSONIC WIND TUNNELS ARL 66-0077
WAVES OF IONIZATION IN A NITROGEN DISCHARGE ARL 66-0175
THE FLUORESCENCE OF AIR AND NITROGEN EXCITED BY ENERGETIC ELECTRONS FINAL REPORT JAN 1968 AFOSR67-0277
THE CRYSTALLOGRAPHY OF SOLID NITROGEN OXIDES SODIUM HYPONITRITE FINAL REPORT APRIL 1967 AFOSR67-1029
RADIATION STUDIES OF ARC HEATED NITROGEN, OXYGEN, AND ARGON PLASMAS FINAL REPORT MAY 1968 ARL 66-0103
ABSORPTION SPECTRUM OF ACTIVATED NITROGEN IN THE 400-1100-A REGION AFOSR67-0109
ON CHEMILUMINESCENT RADIATION FROM NITROGEN DIOXIDE DURING PCA EVENTS AFOSR67-1379
A THEORY OF THE AURORA AFTERGLOW OF NITROGEN AFOSR67-0252
A NEW PULSED ION LASER TRANSITION IN NITROGEN AT 3995 A AFOSR67-0764
TRANSITION-METAL COMPLEXES CONTAINING NITROGEN PHOSPHORUS OR SULFUR AFOSR66-0343
RADIATION MEASUREMENTS FROM A PULSED HIGH-PRESSURE NITROGEN ARC FINAL REPORT AUGUST 1968 ARL 66-0152
SPECTROGRAPHIC OBSERVATIONS OF A VERY HIGH PRESSURE NITROGEN PLASMA ARL 67-1334
THE LONE-PAIR MODEL AND THE VIBRATIONAL FORCE CONSTANTS OF NITROGEN TRIFLUORIDE AFOSR67-0841
QUADRUPLE-ALLOWED TRANSITIONS IN THE ELECTRON-IMPACT SPECTRUM OF NITROGEN AFOSR67-0194
COLLISION-INDUCED DISSOCIATION OF DIFLUORINE POSITIVE MOLECULAR ION/ IONS BY ARGON AND NITROGEN AFOSR67-1375
LONGITUDINAL AND TRANSVERSE DIFFUSION COEFFICIENTS OF MASS-IDENTIFIED N AND N₂ POSITIVE IONS IN NITROGEN AFOSR66-2682

NITROGEN-OXYGEN
RADICAL CONCENTRATIONS AND DECAYS IN LEAN HYDROGEN-- NITROGEN--OXYGEN FLAMES AFOSR67-1641

NITROGEN-DENITRUM
ENERGETIC AND ANGULAR STUDIES OF /ARGON-DENITRUM POSITIVE MOLECULAR ION AND NITROGEN-DENITRUM POSITIVE MOLECULAR AFOSR67-1374

NITROGEN-HELIUM
DETERMINATION OF CARBON DIOXIDE LINE PARAMETERS USING A CARBON DIOXIDE - NITROGEN-HELIUM LASER AFOSR66-2119

NITROSYL
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVIII SOME NEW CYCLOPENTADIENYLMETAL NITROSYL DERIVATIVES OF AFOSR67-0603
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XXII THE SYNTHESIS OF UNUSUAL CYCLOPENTADIENYLMOLYBDENUM NITROSYL AFOSR66-0692

NITROSYLS
APPROXIMATE FORCE CONSTANTS FOR TETRAFERRAL METAL CARBONYLS AND NITROSYLS AFOSR67-0233

NOBLE
MODEL POTENTIALS FOR THE NOBLE GAS SOLIDS AFOSR66-1463
PRESSURE BROADENING AND SHIFT OF METHANE PERTURBED BY NOBLE GASES AFOSR66-0421

NOBLE-GAS
THE ROTATION-TRANSLATION-COUPLING EFFECT IN NOBLE-GAS CRYSTALS CONTAINING MOLECULAR IMPURITIES AFOSR67-0641

NOCTURNAL
PIGMENT MIGRATION LIGHT SCREENING AND RECEPTOR SENSITIVITY IN THE COMPOUND EYE OF NOCTURNAL LEPIDOPTERA AFOSR67-0908

NODES
CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC JORDAN CURVE WITH AFOSR67-2550
NECESSARY CONDITIONS FOR THE REALIZABILITY OF N-PORT RESISTIVE NETWORKS WITH MORE THAN N PLUS 1/ NODES AFOSR67-0487

NOPTMR

NOPTMR EQUATIONS AND CONSERVATION LAWS

AFOSR66-0113

NOISE

NOISE: EMISSION OF ELECTRODELESS RING DISCHARGES WITH STATIC MAGNETIC FIELD
 NOISE: ON AND NOISE IN FOURIER SPECTROSCOPY
 NOISE: EARTH NOISE ON LAND AND SEA BOTTOM
 NOISE: TAP NOISE STUDIES PROJECT BLUE ICE FINAL REPORT JUNE 1966
 NOISE: MIC NOISE FINAL REPORT MAY 1968
 NOISE: OR CORRELATED NOISE
 NOISE: OR GAUSS-MARKOV NOISE
 NOISE: RESEARCH IN THE FIELD OF SOLAR RADIO NOISE AS WELL AS OPTICAL SUNSPOT PHENOMENA FINAL REPORT APR 1967
 NOISE: TURBULENCE MEASUREMENTS RELEVANT TO JET NOISE
 NOISE: THE EFFECT OF INSTRUMENTS ON ELECTRICAL NOISE
 NOISE: CAPACITY OF AN ADDITIVE GAUSSIAN COLORED NOISE CHANNEL WITH NOISELESS FEEDBACK ALLERTON CONFERENCE ON CIRCUIT AND EVIDENCE OF THE SURFACE ORIGIN OF THE 1/f NOISE
 NOISE: SOME RESULTS CONCERNING THE ZERO-CROSSINGS OF GAUSSIAN NOISE
 NOISE: OPTIMUM QUADRATIC DETECTION OF A RANDOM VECTOR IN GAUSSIAN NOISE
 NOISE: A PROJECTION METHOD FOR SIGNAL DETECTION IN COLORED GAUSSIAN NOISE
 NOISE: MASKING-LEVEL DIFFERENCES WITH CONTINUOUS AND WITH BURST MASKING NOISE
 NOISE: OPTIMAL STATIONARY CONTROL OF A LINEAR SYSTEM WITH STATE-DEPENDENT NOISE
 NOISE: DIGITAL MATCHED FILTERS FOR DETECTING GAUSSIAN SIGNALS IN GAUSSIAN NOISE
 NOISE: NUMERICAL RESTORATION OF OPTICAL OBJECTS OBSCURED BY DIFFRACTION AND NOISE
 NOISE: SPACE-TIME CROSS-CORRELATION FUNCTIONS FOR ANTENNA ARRAY ELEMENTS IN A NOISE FIELD
 NOISE: A STUDY OF THE RELATIONSHIP BETWEEN MULTIPATH DISTORTION AND WAVE NUMBER SPECTRUM OF DIELECTRIC NOISE IN RADIO LINKS
 NOISE: DETECTION OF AN IN-PHASE SIGNAL WITH AND WITHOUT UNCERTAINTY REGARDING THE INTERAURAL PHASE OF THE MASKING NOISE

ARL 66-1139
 AFCL66-0113
 AFOSR67-2103
 AFOSR66-1940
 AFOSR66-1444
 AFOSR67-2850
 AFOSR66-2601
 AFCL67-0308
 AFOSR67-0129
 ARL 67-1059
 AFOSR66-2831
 AFOSR67-0367
 AFOSR67-2080
 AFOSR67-0734
 AFOSR66-0183
 AFOSR67-1498
 AFOSR67-2299
 AFOSR66-1919
 AFCL67-0070
 AFOSR67-0404
 AFCL66-0439
 AFOSR67-2393

NOISE-DISTORTED

PREDICTION OF A NOISE-DISTORTED MULTIVARIATE NON-STATIONARY SIGNAL

AFOSR66-1428

NOISELESS

CAPACITY OF AN ADDITIVE GAUSSIAN COLORED NOISE CHANNEL WITH NOISELESS FEEDBACK ALLERTON CONFERENCE ON CIRCUIT AND

AFOSR66-2531

NOISY

THE ANALYSIS OF NOISY NON-LINEAR DEVICES BY MEANS OF GENERALIZED RANDOM PROCESSES FINAL REPORT MARCH 1967
 OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM ERRORS
 THE RATE OF CONVERGENCE OF AN ALGORITHM FOR RECOVERING FUNCTIONS FROM NOISY MEASUREMENTS TAKEN AT RANDOMLY SELECTED

ARL 67-0048
 AFCL67-0310
 AFOSR66-2349

NONENCLATURE

THE NOMENCLATURE OF BORON COMPOUNDS

AFOS 66-2826

NON-ABELIAN

SYMMETRY BREAKING IN NON-ABELIAN GAUGE THEORIES

AFOSR67-1750

NON-AXISYMMETRIC

TRANSIENT NATURAL CONVECTION IN A VERTICAL TUBE WITH NON-AXISYMMETRIC WALL TEMPERATURE

AFOSR67-1508

NON-BINARY

NON-BINARY SWITCHING THEORY

AFOSR66-0817

NON-BRIDGING

EFFECT OF N-METHYLIMINOACETIC ACID AS A NON-BRIDGING LIGAND IN THE CHROMIUM (II)/CHROMIUM(III) ELECTRON-TRANSFER

AFOSR66-2807

NON-CARBON

DETONATION STUDIES IN GASEOUS NON-CARBON CONTAINING SYSTEMS

ARL 66-1076

NON-CENTRAL

SERIES REPRESENTATIONS OF DISTRIBUTIONS OF QUADRATIC FORMS IN NORMAL VARIABLES II NON-CENTRAL CASE

AFOSR67-0406

NON-CHEMISTRY

THE NON-CHEMISTRY IN CHEMISTRY

ARL 66-1303

NON-COMPACT

INHOMOGENEOUS COMPLETION OF NON-COMPACT SEMISIMPLE GROUPS WITH THE MAXIMAL COMPACT SUBGROUP AS LITTLE GROUP
 MATRIX ELEMENTS OF REPRESENTATIONS OF NON-COMPACT GROUPS IN A CONTINUOUS BASIS

AFOSR67-0473
 AFOSR66-1152

NON-ELEMENTARY

ON NON-ELEMENTARY SINGULAR POINTS

AFOSR67-0815

NON-EQUILIBRIUM

NON-EQUILIBRIUM SOLUTIONS FOR THE RADIATIVE DECAY OF A SYSTEM OF OSCILLATORS HARMONIC AND ANHARMONIC
 NON-EQUILIBRIUM IONIZATION IN A POTASSIUM GAS MHD DEVICE FINAL REPORT SEPT 1967
 THE EFFECT OF NON-EQUILIBRIUM COMBUSTION ON PROPELLANT PERFORMANCE
 EXTENT OF THERMAL NON-EQUILIBRIUM IN THE TONOSPHERE
 PRIGOGINE'S THEORY OF NON-EQUILIBRIUM STATISTICAL MECHANICS
 NEAR-FIELD SOLUTION FOR NON-EQUILIBRIUM TRANSONIC FLOW AROUND A CORNER
 STATISTICAL MECHANICS OF EQUILIBRIUM NON-EQUILIBRIUM AND QUANTUM MANY-BODY PROCESSES FINAL REPORT DEC 1967
 A GENERAL FORMULATION AND SOLUTION OF CHEMICAL RATE EQUATIONS FOR USE IN NON-EQUILIBRIUM COMBUSTION STUDIES

AFCL67-0496
 AFOSR67-2176
 AFOSR67-2004
 AFOSR67-2692
 ARL 66-1443
 AFOSR67-1098
 AFOSR66-2097
 AFOSR67-2021

NON-EXISTENCE

NON-EXISTENCE OF SNAP-THROUGH FOR CLAMPED SHALLOW ELASTIC ARCHES SUBJECTED TO IMPULSIVE LOADING

AFOSR66-0770

NON-GRAY

INFRARED RADIATIVE HEAT TRANSFER IN NON-GRAY GASES
 RADIATIVE TRANSFER I THE FLUX-TEMPERATURE RELATION AND NON-GRAY STELLAR ATMOSPHERES

ARL 66-0353
 AFOSR67-1348

NON-HOMOGENEOUS

CAPACITIVE EXCITATION OF A NON-HOMOGENEOUS HENRIOTT-FILIER BEAM

AFOSR66-1736

| | |
|--|--|
| NON-IDEAL | |
| NON-IDEAL MAG FLOWS IN BOUNDARY LAYER APPROXIMATION
NETWORK FUNCTION SYNTHESIS USING NON-IDEAL GROUNDED AMPLIFIERS AND RC ONE-PORTS | AFOSR67-0997
AFCRL68-0111 |
| NON-ISAXIAL | |
| THE DEFORMATION BEHAVIOR OF NON-ISAXIAL CRYSTALS OF FE-3 PERCENT SI | ARL 67-0242 |
| NON-ISOTHERMAL | |
| FLASH PHOTOLYSIS UNDER NON-ISOTHERMAL CONDITIONS | AFOSR67-2655 |
| NON-LINEAR | |
| NON-LINEAR HEAT TRANSFER BETWEEN TWO PARALLEL PLATES ACCORDING TO A MODEL WITH CORRECT PRANDTL NUMBER
NON-LINEAR CONTINUUM MECHANICS AND FLOW PROPERTIES OF NON-NEWTONIAN FLUIDS FINAL REPORT AUG 1968
NON-LINEAR TRANSPORT PHENOMENA AND CONTACT PROBLEMS IN II-VI COMPOUNDS
THEORY OF NON-LINEAR MIXED FREQUENCY GENERATION IN ANISOTROPIC PLASMA
IDENTIFICATION VIA NON-LINEAR FILTERING
THE ANALYSIS OF NOISY NON-LINEAR DEVICES BY MEANS OF GENERALIZED RANDOM PROCESSES FINAL REPORT MARCH 1967
SUB-OPTIMAL CONTROL OF NON-LINEAR SINGLE INPUT SYSTEMS
A STABILITY THEORY FOR NON-LINEAR DISTRIBUTED NETWORKS
RECENT RESULTS IN LINEAR AND NON-LINEAR FILTERING
HYDRODYNAMICS AND WAVE PROPAGATION IN NON-LINEAR MATERIALS WITH MEMORY
AN ITERATIVE SOLUTION FOR ROTATIONALLY SYMMETRIC NON-LINEAR MEMBRANE PROBLEMS
ON THE STABILITY AGAINST SHEAR WAVES OF STEADY FLOWS OF NON-LINEAR VISCOELASTIC FLUIDS | AFOSR67-1916
AFOSR68-1848
ARL 67-1309
AFCRL67-0087
AFOSR68-0839
ARL 67-0048
AFOSR68-2348
RADC 67-0328
AFOSR68-2451
AFOSR68-1753
AFOSR67-2057
AFOSR68-2136 |
| NON-LINEARITIES | |
| SUPPRESSION OF NON-LINEARITIES IN THE PIGEONS ELECTRORETINOGRAM /ERG/ | AFOSR68-2687 |
| NON-LOCAL | |
| A NON-LOCAL MODEL T-MATRIX IN A QUASI-THREE-BODY REACTION
SCATTERING FROM A SEPARABLE NON-LOCAL POTENTIAL | AFOSR68-2533
AFOSR68-0909 |
| NON-MAGNETIC | |
| RESEARCH IN THE DESIGN DEVELOPMENT AND CONSTRUCTION OF NON-MAGNETIC SENSORS FOR MAGNETIC FIELD-CHARGED PARTICLE | AFCRL68-0585 |
| NON-MANIFOLDS | |
| STRUCTURES ON NON-MANIFOLDS | AFOSR67-1419 |
| NON-MAXWELLIAN | |
| WAVE PROPAGATION IN A NON-MAXWELLIAN MAGNETOACTIVE NONLINEAR PLASMA FINAL REPORT MAY 1967
ELECTRICAL CONDUCTIVITY OF MAGNETOPLASMAS PART II-EFFECTIVE PARAMETERS FOR NON-MAXWELLIAN DISTRIBUTIONS | AFCRL67-0319
AFCRL67-0528 |
| NON-METALLIC | |
| METALS IN NON-METALLIC SOLVENTS FINAL REPORT JAN 1968 | AFOSR68-0842 |
| NON-MONOTONICITY | |
| INSTABILITY AND NON-MONOTONICITY PHENOMENA IN DISCRETIZATIONS TO BOUNDARY-VALUE PROBLEMS | AFOSR68-2578 |
| NON-NEUTRAL | |
| AN ION RESONANCE INSTABILITY IN GROSSLY NON-NEUTRAL PLASMAS | AFOSR68-2082 |
| NON-OMNIC | |
| TRANSIENTS AND NON-OMNIC BEHAVIOR IN CERIUM OXIDE | AFOSR68-0609 |
| NON-ORTHOGONAL | |
| NON-ORTHOGONAL DESIGNS OF EVEN RESOLUTION
RESULTS ON NON-ORTHOGONAL INCOMPLETE FACTORIAL DESIGNS | ARL 68-0271
ARL 67-0021 |
| NON-PLANAR | |
| A DENT BOND MODEL FOR THE VIBRATIONAL FORCE CONSTANTS OF NON-PLANAR XY SUB-THREE MOLECULES | AFOSR68-0155 |
| NON-POLAR | |
| Q-REGION PROCESSES IN NON-POLAR LATITUDES | AFCRL67-0418 |
| NON-PRIMITIVE | |
| NON-PRIMITIVE REED-MULLER CODES | AFCRL67-0177 |
| NON-RESETTING | |
| OPTIMAL NON-RESETTING DATA RECONSTRUCTION | AFOSR68-2025 |
| NON-RESONANT | |
| HELICONS AND NON-RESONANT CYCLOTRON ABSORPTION IN INSR AND HG SUB1 SUB MINUS SUB X CD SUB X TE | ARL 68-0190 |
| NON-SCATTERING | |
| RADIATIVE TRANSFER FROM AN INHOMOGENEOUS NON-SCATTERING GAS IN THE INFRARED FINAL REPORT JULY 1968 | ARL 68-0118 |
| NON-SINGULAR | |
| ON THE MINIMAL SPTS OF NON-SINGULAR VECTOR FIELDS | AFOSR67-1042 |
| NON-SPECIFIC | |
| SPECIFIC AND NON-SPECIFIC ACTIVITIES IN THE CENTRAL VISUAL PATHWAYS | AFOSR68-1017 |
| NON-SPHERICAL | |
| DIFFRACTION CONTRAST FROM NON-SPHERICAL DISTORTIONS - - IN PARTICULAR A CUBOIDAL INCLUSION | AFOSR67-2794 |

| | |
|--|--------------|
| NON-STATIONARY | |
| PROPAGATION OF SPHERICAL WAVE IN NON-STATIONARY MEDIA | AFCL68-0333 |
| PREDICTION OF A NOISE-DISTORTED MULTIVARIATE NON-STATIONARY SIGNAL | AFOSR68-1428 |
| ON CLASSICAL SOLUTIONS OF THE TWO-DIMENSIONAL NON-STATIONARY EULER EQUATION | AFOSR67-2363 |
| NON-STEADY | |
| NON-STEADY BURNING PHENOMENA OF SOLID PROPELLANTS THEORY AND EXPERIMENT | AFOSR67-1535 |
| NON-STEADY MODULATED MHD SYSTEMS | AFOSR68-1274 |
| NON-STOICHIOMETRIC | |
| ELECTROCHEMICAL STUDY OF THE THERMODYNAMIC PROPERTIES OF NON-STOICHIOMETRIC RUTILE | ARL 67-1143 |
| ELECTROCHEMICAL STUDY OF THE THERMODYNAMIC PROPERTIES OF NON-STOICHIOMETRIC RUTILE | ARL 68-1148 |
| NON-TANGENTIAL | |
| ON THE EXISTENCE OF NON-TANGENTIAL LIMITS OF SUBHARMONIC FUNCTIONS | AFOSR67-1385 |
| NON-THERMAL | |
| IMPROBABILITY OF NON-THERMAL RADIO EMISSION FROM VENUS WATER CLOUDS | AFOSR67-2279 |
| STUDY OF THE EFFECTS OF ATMOSPHERIC PARAMETERS ON INFRARED TRANSMISSION MEASUREMENTS AND THE EFFECTS ON NON-THERMAL OR | AFCL68-0008 |
| NON-UNIFORM | |
| APPLICATIONS ON NON-UNIFORM ELECTRIC FIELDS PART 1 - ELECTROPHORETIC EVALUATION OF ADSORPTION | AFOSR67-1871 |
| GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM STIFFENERS | AFOSR67-0967 |
| GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM STIFFENERS | AFOSR67-1029 |
| NON-UNIFORMLY | |
| THE DIRICHLET PROBLEM FOR NON-UNIFORMLY ELLIPTIC EQUATIONS | AFOSR68-0731 |
| NON-WHITE | |
| NON-WHITE RANDOM EXCITATION OF NONLINEAR SYSTEMS | ARL 67-1008 |
| NONADIABATIC | |
| NONADIABATIC DECOMPOSITION OF N SUR 2 O IN THE DEACTIVATION OF O /SUPER 1 O/ BY 2 OXIDE IN THE DEACTIVATION OF OXYGEN | AFOSR67-2642 |
| NONANALYTICAL | |
| NONANALYTICAL PROPERTIES OF PROPAGATORS THE /G PHZ/ THEORY | AFOSR67-1505 |
| NONAQUEOUS | |
| STUDY OF KINETICS OF ALKALI METAL DEPOSITION IN NONAQUEOUS SOLUTIONS FINAL REPORT OCT 1968 | AFCL68-0560 |
| NONBULK | |
| A MINIBULK ADDITION TECHNIQUE FOR ASSOCIATIVE PROCESSORS | AFOSR67-1108 |
| NONCENTRAL | |
| SHOCK STRUCTURE IN A GAS OF RIGID NONCENTRAL PARTICLES | AFOSR67-2461 |
| NONCOHERENT | |
| COHERENT AND NONCOHERENT LIGHT EMISSION IN II-VI COMPOUNDS | ARL 67-0174 |
| NONCOHESIVE | |
| SHEAR RESISTANCE AND EQUATION OF STATE FOR NONCOHESIVE GRANULAR MACROMERITIC SYSTEMS | AFCL67-0048 |
| NONCOMMUTATIVE | |
| A THEOREM ON RANDOM FOURIER SERIES ON NONCOMMUTATIVE GROUPS | AFOSR67-2119 |
| NONCOMPACT | |
| THE TWO USES OF NONCOMPACT GROUP IN PARTICLE PHYSICS AND THEIR PHYSICAL APPLICATIONS | AFOSR67-1351 |
| SOME OBSERVATIONS ON ENVELOPING ALGEBRAS OF NONCOMPACT GROUPS | AFOSR67-0673 |
| CALCULATION OF TRANSITION PROBABILITIES FROM NONCOMPACT DYNAMICAL GROUPS | AFOSR67-2110 |
| TRANSITION PROBABILITIES OF THE HYDROGEN ATOM FROM NONCOMPACT DYNAMICAL GROUPS | AFOSR67-2091 |
| CALCULATION OF RELATIVISTIC TRANSITION PROBABILITIES AND FORM FACTORS FROM NONCOMPACT GROUPS | AFOSR67-2148 |
| NONCONFIRMED | |
| CONFINED AND NONCONFIRMED INTERCHANGE INSTABILITIES OBTAINED FROM NONLINEAR COMPUTER MODELS | AFOSR67-0332 |
| NONCONSERVATION | |
| THEORY OF CP NONCONSERVATION | AFOSR68-1701 |
| NONCONVECTIVE | |
| CHEMICAL TRANSPORT IN MINCONVECTIVE SYSTEMS | AFOSR67-0508 |
| NONCORRELATION | |
| NONCORRELATION OF ANOMALOUS PLASMA TRANSPORT EQUILIBRIUM PLASMA DENSITY AND LOW-FREQUENCY POTENTIAL OSCILLATIONS IN A | AFOSR68-0741 |
| NONDESTRUCTIVE | |
| NONDESTRUCTIVE EVALUATION OF METAL FATIGUE | AFOSR67-1288 |
| NONDESTRUCTIVE EVALUATION OF METAL FATIGUE | AFOSR68-1162 |
| NONDETERMINISTIC | |
| THE UNSOLVABILITY OF THE EQUIVALENCE PROBLEM FOR A-FREE NONDETERMINISTIC GENERALIZED MACHINES | AFCL68-0017 |
| NONDISPERSIVE | |
| DISPERSIVE AND NONDISPERSIVE X-RAY FLUORESCENCE METHODS FOR THE DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE AND ARL 68-1051 | |

NONDIVERGENCE

FACETIONAL BOUNDARY POINTS FOR THE NONDIVERGENCE PROBLEM WHICH ARE REGULAR FOR THE LAPLACE EQUATION - AND VICE-VERSA AFOSR66-7001

NONELASTIC

EFFECTS OF NONELASTIC COLLISIONS IN PARTIALLY IONIZED GASES
INVESTIGATION ON THE NONELASTIC REMOVAL OF THE UPPER HALF
INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER HALF FINAL REPORT MAY 1968

AFOSR66-7021
AFOSR67-1027
AFOSR66-1017

NON-EQUILIBRIUM

STUDY OF NONEQUILIBRIUM FLOWS FINAL REPORT JAN 1968
THEORETICAL EFFECT OF NONEQUILIBRIUM COMBUSTION ON HYDROGEN/NITROGEN TETROXIDE PROPELLANT PERFORMANCE
GLOWING DIS CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS
LOGARITHMIC DENSITY REMOVAL OF A NONEQUILIBRIUM JOLY2 GASES
FUNCTIONAL INITIAL REPRESENTATION OF NONEQUILIBRIUM STATISTICAL MECHANICS
MAGNETOHYDRODYNAMIC CHANNEL FLOWS WITH NONEQUILIBRIUM IONIZATION
ATTENUATION OF A SHOCK WAVE DUE TO THE NONEQUILIBRIUM IONIZATION AND RADIATION
A FINITE-DIFFERENCE SOLUTION OF SIMILAR NONEQUILIBRIUM BOUNDARY LAYERS
LARGE-AMPLITUDE ELECTROTHERMAL WAVES IN A NONEQUILIBRIUM PLASMA
FLOWS WITH COUPLED RADIATIVE AND VIBRATIONAL NONEQUILIBRIUM IN A DIATOMIC GAS
INFLUENCE OF CONVECTION ON CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS
SOME TRANSFORMATIONS OF THE ONSEAGER RELATIONS OF NONEQUILIBRIUM THERMODYNAMICS
PROPERTIES OF A HARMONIC CRYSTAL IN A STATIONARY NONEQUILIBRIUM STATE
SPECTROSCOPIC INVESTIGATION OF ELECTRON TEMPERATURE DISTRIBUTION IN A NONEQUILIBRIUM PARTIALLY IONIZED FLOWING PLASMA

AFOSR66-0240
AFOSR66-1200
AFOSR67-2401
AFOSR67-2605
AFOSR67-2106
AFOSR67-0910
AFOSR67-1310
AFOSR66-0862
AFOSR66-0743
AFOSR66-1804
AFOSR66-1804
AFOSR67-1035
AFOSR67-2610
AFOSR66-0610

NON-EQUIVALENCE

CHEMICAL SHIFT NONEQUIVALENCE OF DIASTEREOTOPIC GROUPS IN SULFONIUM SALTS
CHEMICAL SHIFT NONEQUIVALENCE OF DIASTEREOTOPIC PROTONS DUE TO RESTRICTED ROTATION AROUND ARYL--NITROGEN BONDS IN

AFOSR67-1576
AFOSR67-2403

NON-EXISTENCE

PR STENCE AND NONEXISTENCE IN THE LARGE OF SOLUTIONS OF QUASILINEAR WAVE EQUATIONS

AFOSR66-0910

NON-GAUSSIAN

STATISTICAL DESCRIPTION OF A CLASS OF NONGAUSSIAN CHANNELS USING EXPANSIONS BASED ON THE LOGNORMAL DISTRIBUTION

AFOSR67-0432

NONGRAY

INFRARED RADIATIVE HEAT TRANSFER IN NONGRAY GASES

ARL 67-0015

NONGREY

DIFFERENTIAL APPROXIMATION FOR RADIATIVE TRANSFER IN A NONGREY GAS NEAR EQUILIBRIUM

AFOSR66-1300

NONHOMOGENEOUS

AN APPLICATION OF STRAIN-GRADIENT THEORY TO NONHOMOGENEOUS MATERIALS
NOTE ON THE PROPAGATION OF PLASTIC WAVES IN A NONHOMOGENEOUS ROD OF FINITE LENGTH

AFOSR66-2224
AFOSR67-1957

NONHUMAN

PERFORMANCE AND BIOCHEMICAL RESPONSES RELATED TO SOCIAL CHANGES VERSUS CHEMOTHERAPY IN NONHUMAN PRIMATES /RHESUS
THE EFFECTS OF DIFFERENTIAL EARLY EXPERIENCE UPON LEARNING, PERFORMANCE, AND BIOCHEMICAL RESPONSES OF NONHUMAN

AML 67-0023
AML 67-0010

NONIDEAL

DISCONTINUITIES IN NONIDEAL MAGNETOGASDYNAMICS

AFOSR66-1526

NONINTERCEPTING

HIGH-CURRENT TRIODE WITH NONINTERCEPTING CONTROL ELECTRODE

AFOSR66-1270

NONINVARIANCE

CP NONINVARIANCE IN THE THREE-TRIPLET MODEL

AFOSR66-1070

NONIONIZATION

NONIONIZATION DETECTORS AND THEIR USE IN G.C. CHROMATOGRAPHY

AFOSR66-0640

NONISOTHERMAL

RADIATION FROM NONISOTHERMAL GASES
OHMS LAW IN MULTICOMPONENT NONISOTHERMAL PLASMAS WITH TEMPERATURE AND PRESSURE GRADIENTS
CONDENSATION-ENHANCED VAPORIZATION RATES IN NONISOTHERMAL SYSTEMS

AFOSR67-0466
AFOSR67-0904
AFOSR66-2824

NONLEPTONIC

NONLEPTONIC DECAYS OF HYPERONS
REMARKS ON NONLEPTONIC DECAYS IN SU(3) SYMMETRY
CURRENT ALGEBRA AND NONLEPTONIC DECAYS
EXTRAPOLATION OF THE AMPLITUDES OF NONLEPTONIC DECAYS OF K MESONS
TWO-PION DECAYS OF KAONS IN A NOVEL APPROACH TO NONLEPTONIC WEAK PROCESSES

AFOSR67-0021
AFOSR66-0154
AFOSR66-1011
AFOSR67-0503
AFOSR67-0175

NONLINEAR

NONLINEAR PREPROCESSING OF INPUTS TO LINEAR NEURAL NETS
NONLINEAR MAGNETO-OPTICS OF LANDAU ELECTRONS
NONLINEAR OSCILLATIONS AMPLITUDE ROUNDS FOR SECOND-ORDER SYSTEMS
NONLINEAR MAGNETO-OPTICS OF ELECTRONS AND HOLES IN SEMICONDUCTORS AND SEMIMETALS
NONLINEAR FILTERING THE EXACT DYNAMICAL EQUATIONS SATISFIED BY THE CONDITIONAL MODE
NONLINEAR INSTABILITY
NONLINEAR PROGRAMMING IN BANACH SPACE
NONLINEAR TRANSFORMATIONS OF RANDOM PROCESSES
NONLINEAR AND ANISOTROPIC EFFECTS IN MAGNETICALLY TUNED LASER AMPLIFIERS
NONLINEAR THEORY OF PLASMA DYNAMICS FINAL REPORT PER 1968
NONLINEAR PHONON INTERACTION IS PIECEWISE LINEAR SEMICONDUCTORS AND EFFECT ON CURRENT SATURATION
NONLINEAR OSCILLATIONS OF ELASTIC PANELS IN A SUPERSONIC NONVISCOUS AIRSTREAM
NONLINEAR MAGNETOELASTIC INTERACTIONS
NONLINEAR MIXING OF WAVES IN A PLASMA WITH VELOCITY-DEPENDENT COLLISIONS
NONLINEAR LEAST SQUARES METHODS, A DIRECT GRID SEARCH APPROACH
NONLINEAR OPTICAL AND PHONON PARAMETRIC INTERACTIONS
NONLINEAR DATA REDUCTION IN PHYSICAL CHEMISTRY
A NONLINEAR COMPUTER MODEL APPLICABLE TO LOW-BETA PLASMA INTERCHANGE MODES IN TWO DIMENSIONS

AFOSR67-0034
AFOSR67-0171
AFOSR67-0816
AFOSR67-1126
AFOSR67-2170
AFOSR67-2500
AFOSR66-0006
AFOSR66-0504
AFOSR67-0671
AFOSR66-0730
AFOSR66-1743
AFOSR66-1801
AFOSR66-2422
AML 67-0102
AML 68-0345
AML 68-1440
AML 68-1951
AFOSR66-0074

| | |
|---|---------------|
| A NONLINEAR INTEGRAL-DIFFERENTIAL EQUATION ASSOCIATED WITH A CLASS OF WEDGE PROBLEMS | AFOSR66-1373 |
| A NONLINEAR MODEL FOR ESTIMATING PROBABILITIES OF K EVENTS | AFOSR66-1341 |
| A NONLINEAR ADAPTIVE ESTIMATION RECURSIVE ALGORITHM | AFOSR66-1818 |
| A NONLINEAR DISCRETE SYSTEM EQUIVALENT OF INTEGRAL PULSE FREQUENCY MODULATION SYSTEMS | AFOSR66-2323 |
| A NONLINEAR MODEL FOR BLOOD SUGAR CONTROL IN THE HUMAN BODY | ARL 67-1031 |
| ON NONLINEAR STEADY-STATE SOLUTIONS TO MOVING LOAD PROBLEMS | AFOSR67-1439 |
| ON NONLINEAR EQUATIONS OF ISOTROPIC ELASTIC SPHERICAL SHELLS | AFOSR67-2284 |
| THE NONLINEAR OSCILLATIONS OF A STRING | AFOSR66-0456 |
| ON THE NONLINEAR COMPUTATIONAL INSTABILITY OF THE EQUATIONS OF ONE-DIMENSIONAL FLOW FINAL REPORT FEB 1968 | AFCLRL68-0238 |
| OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT PROCESSES - PART I | AFOSR66-0917 |
| OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT PROCESSES - PART II | AFOSR66-0918 |
| ON SOME NONLINEAR BOUNDARY PROBLEMS FOR THE EQUATION OF MINIMAL SURFACES | AFOSR66-2784 |
| A CLASS OF NONLINEAR ERROR-CORRECTING CODES BASED UPON INTERLEAVED TWO-LEVEL SEQUENCES | AFOSR67-2240 |
| DUALITY IN NONLINEAR PROGRAMMING | AFOSR66-2436 |
| SOLUTION OF NONLINEAR FLOW PROBLEMS THROUGH PARAMETRIC DIFFERENTIATION | AFOSR67-1900 |
| STABILITY OF NONLINEAR TIME-VARYING NETWORKS | AFOSR67-0718 |
| THE DISPERSION FOR NONLINEAR RELATIVISTIC EQUATIONS WITH PARTIAL DERIVATIVES /FRENCH/ | AFOSR66-1388 |
| FINITELY CONVEX SETS OF NONLINEAR DIFFERENTIAL EQUATIONS | AFOSR67-0778 |
| MATHEMATICAL STUDIES OF NONLINEAR CIRCUITS FINAL REPORT FEB 1967 | AFOSR66-0643 |
| A MAXIMUM PRINCIPLE FOR NONLINEAR PARABOLIC EQUATIONS | AFOSR66-1906 |
| COMPARISON THEOREMS FOR NONLINEAR ORDINARY BOUNDARY VALUE PROBLEMS | ARL 68-1288 |
| ALTERNATIVE PROBLEMS FOR NONLINEAR FUNCTIONAL EQUATIONS | AFOSR66-0888 |
| SELF-CONSISTENT SOLUTION OF NONLINEAR PROBLEMS IN UNSTEADY RADIATION GASDYNAMICS | AFOSR67-2456 |
| ON THE CALCULATION OF UNSTEADY NONLINEAR THREE-DIMENSIONAL SUPERSONIC FLOW PAST WINGS FINAL REPORT JAN 1968 | AFOSR66-0517 |
| NON-WHITE RANDOM EXCITATION OF NONLINEAR SYSTEMS | ARL 67-1008 |
| EXACT INVARIANTS FOR A CLASS OF NONLINEAR WAVE EQUATIONS | AFOSR67-0325 |
| DYNAMICAL EQUATIONS FOR OPTIMAL NONLINEAR FILTERING | AFOSR67-1352 |
| EFFICIENT NUMERICAL ANALYSIS OF NONLINEAR CIRCUITS | AFOSR66-2142 |
| A SIMPLE EXAMPLE OF AN EXPLICIT NONLINEAR HOUSE PREDICTOR | AFOSR66-2261 |
| EXPERIMENTAL OBSERVATIONS ON THE NONLINEAR FLEXURAL VIBRATIONS OF THIN-WALLED CIRCULAR CYLINDERS | AFOSR66-0516 |
| NOTES TOWARD THE CONSTRUCTION OF NONLINEAR RELATIVISTIC QUANTUM FIELDS I THE HAMILTONIAN IN TWO SPACE-TIME DIMENSIONS | AFOSR66-1386 |
| BOUNDS AND MAXIMAL SOLUTIONS FOR NONLINEAR FUNCTIONAL EQUATIONS | AFOSR66-1952 |
| SOME NONLOCAL RESULTS FOR WEAKLY NONLINEAR DYNAMICAL SYSTEMS | AFOSR66-2836 |
| A METHOD FOR THE DESIGN OF STABLE NONLINEAR FEEDBACK SYSTEMS | AFOSR66-0624 |
| COMPARISON OF POSITIVE SOLUTIONS OF NONLINEAR EQUATIONS | AFOSR66-1418 |
| APPROXIMATE SOLUTION ALGORITHMS FOR NONLINEAR FILTER PROBLEMS | AFOSR66-2026 |
| THE APPROXIMATE SOLUTION OF CERTAIN NONLINEAR DIFFERENTIAL EQUATIONS | AFOSR66-4752 |
| A FREQUENCY-DOMAIN STABILITY CHART FOR NONLINEAR FEEDBACK SYSTEMS | AFOSR66-1325 |
| NONLOCAL HALL EFFECT AND OTHER RELATED NONLINEAR BULK EFFECTS FINAL REPORT SEPT 1967 | AFCLRL67-0547 |
| BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DIFFERENTIAL SYSTEMS | AFOSR66-0074 |
| BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DISCRETE CONTROL SYSTEMS | AFOSR66-2458 |
| ON THE QUANTUM STATISTICS OF MODE MIXING IN NONLINEAR MEDIA | AFOSR67-0425 |
| PRODUCTION AND PROPAGATION OF PLASMOIDS IN A NONLINEAR ALFVEN WAVE | AFOSR66-2670 |
| AN UPPER BOUND ON AVERAGE ESTIMATION ERROR IN NONLINEAR SYSTEMS | AFOSR66-2115 |
| NORMAL FORM AND STABILITY OF A CLASS OF COUPLED NONLINEAR NETWORKS | AFOSR66-0076 |
| QUASILINEARIZATION DIFFERENCE APPROXIMATION AND NONLINEAR BOUNDARY VALUE PROBLEMS | AFOSR66-2417 |
| FUNCTIONAL ANALYSIS APPROACH TO THE STABILITY OF NONLINEAR SYSTEMS | ADAC 67-0030 |
| THE CONSTRUCTION OF RESONANCE CURVES FOR UNDAMPED NONLINEAR SYSTEMS | AFOSR66-1292 |
| WAVE PROPAGATION IN A NON-MAXWELLIAN MAGNETOACTIVE NONLINEAR PLASMA FINAL REPORT MAY 1967 | AFCLRL67-0319 |
| THE PARAMETRIC COUPLING OF MODES OF PROPAGATION IN NONLINEAR MEDIA | AFOSR66-0227 |
| INFLUENCE OF TRANSVERSE SHEAR AND EDGE CONDITION ON NONLINEAR VIBRATION AND DYNAMIC BUCKLING OF HOMOGENEOUS AND | AFOSR67-1011 |
| APPLICATION OF QUASILINEARIZATION TO THE SOLUTION OF NONLINEAR DIFFERENTIAL EQUATIONS | AFOSR67-1865 |
| SMOOTHNESS PROPERTIES OF PERIODIC SOLUTIONS IN THE LARGE OF NONLINEAR HYPERBOLIC DIFFERENTIAL SYSTEMS | AFOSR66-1902 |
| ON BOUNDED-INPUT-BOUNDED-OUTPUT STABILITY OF A CERTAIN CLASS OF NONLINEAR SAMPLED-DATA SYSTEMS | AFOSR67-0203 |
| CONFINED AND NONCONFINED INTERCHANGE INSTABILITIES OBTAINED FROM NONLINEAR COMPUTER MODELS | AFOSR67-0332 |
| A MAXIMUM PRINCIPLE OF THE CONTRAVENTION TYPE FOR SYSTEMS DESCRIBED BY NONLINEAR DIFFERENCE EQUATIONS | AFOSR67-0776 |
| KORTEWEG-DE VRIES EQUATION AND GENERALIZATIONS I A REMARKABLE EXPLICIT NONLINEAR TRANSFORMATION | AFOSR66-2124 |
| NONLINEARITIES | |
| SYSTEM FOR OBSERVING SMALL NONLINEARITIES IN TUNNEL JUNCTIONS | AFOSR67-0569 |
| FORCED OSCILLATIONS IN SECOND ORDER SYSTEMS WITH BOUNDED NONLINEARITIES | AFOSR67-2752 |
| NONLINEARITY | |
| A STABILITY CRITERION FOR SYSTEMS WITH A SINGLE SLOPE-RESTRICTED MONOTONE NONLINEARITY | AFOSR66-2022 |
| NONLOCAL | |
| SOME NONLOCAL RESULTS FOR WEAKLY NONLINEAR DYNAMICAL SYSTEMS | AFOSR66-2836 |
| NONMAGNETIC | |
| INFLUENCE OF NONMAGNETIC IMPURITIES ON SUPERCONDUCTORS WITH OVERLAPPING BANDS | AFOSR67-2765 |
| NONMESONIC | |
| STRONG INITIAL- AND FINAL-STATE INTERACTIONS IN NONMESONIC HYPER-NUCLEAR DECAYS AND IN PARITY-VIOLATING REACTIONS | AFOSR67-2029 |
| NONMETALIZED | |
| PRESSURE DEPENDENCE OF NONMETALIZED HYBRID FUEL REGRESSION RATES | AFOSR67-1902 |
| NONMETALLIC | |
| FRICTION AND WEAR OF NONMETALLIC SOLIDS FINAL REPORT MAY 1967 | ARL 67-0091 |
| NONNEGATIVE | |
| ON VOLTERRA INTEGRAL EQUATIONS WITH NONNEGATIVE INTEGRABLE RESOLVENTS | AFOSR66-2424 |
| A METHOD FOR THE COMPUTATION OF THE GREATEST ROOT OF A NONNEGATIVE MATRIX | AFOSR67-0884 |
| NONOCCUPANCY | |
| A ONE-STEP HIGH YIELD SYNTHESIS OF MONOOCYCLOHEXANONE EICOSABORANE TRIANION | AFOSR66-1726 |
| NONPARABOLICITY | |
| NONPARABOLICITY OF THE L CONDUCTION BAND IN GERMANIUM FROM MAGNETO-PIEZOTRANSMISSION EXPERIMENTS | AFOSR67-2372 |
| NONPLANAR | |
| NONPLANAR CYCLOBUTANE I THE 3-ISOPROPYLCYCLOBUTYL SYSTEM NUCLEAR MAGNETIC RESONANCE SPECTRA OF ALCOHOLS AND AMINES | AFOSR67-0487 |
| NONPLANAR CYCLOBUTANE- II THE METHYL 3-ISOPROPYLCYCLOBUTANE- CARBOXYLATE SYSTEM | AFOSR67-2098 |
| NONPLANAR CYCLOBUTANE STERIC CONTROL IN DEAMINATION OF CIS AND TRANS-3-ISOPROPYLCYCLOBUTYLAMINE | AFOSR67-2391 |
| NONPLANAR CYCLOBUTANE TEMPERATURE DEPENDENCE OF INFRARED SPECTRA OF CIS AND TRANS-METHYL | AFOSR66-0407 |

NONPLANAR CYCLOBUTANE EVIDENCE FOR A CONFORMATIONALLY CONTROLLED CLASSIC MECHANISM IN THE DEARINATION OF CIS- AND
NONPLANAR MOON-TO-EARTH TRAJECTORIES AFOSR66-2645
AFOSR66-2747

NONPOLAR
BINDING OF ANESTHETIC TO PROTEIN LINKAGE BETWEEN THE SIXTH-LIGAND SITE OF HEHE IRON ION AND THE NONPOLAR BINDING
COMMENT ON THE DEVIATION FROM AN INVERSE SIXTH POWER POTENTIAL IN THE SCATTERING OF A POLAR MOLECULE BY NONPOLAR GASES AFOSR66-2705
AFOSR67-2730

NONRATIONAL
SOME INTEGRAL EQUATIONS WITH NONRATIONAL KERNELS AFOSR67-0772

NONRECIPROCAL
NONRECIPROCAL TUNNEL DIODE DISTRIBUTED AMPLIFIER AFOSR67-1408

NONRELATIVISTIC
WAVE INTERACTION IN NONRELATIVISTIC ELECTRON BEAM-PLASMA SYSTEMS AFOSR67-0375
APPROXIMATE SU-3 AND ITS NONRELATIVISTIC LIMIT AFOSR67-2317
USE OF ANALYTICITY IN THE CALCULATION OF NONRELATIVISTIC SCATTERING AMPLITUDES AFOSR66-1630
GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART I NONRELATIVISTIC VELOCITIES AFOSR66-1535

NONRESONANT
THEORY OF EXCITONS IN LIQUIDS III NONRESONANT BROADENING OF IMPURITY SPECTRA IN SIMPLE LIQUIDS AFOSR66-0098

NONSEPARABLE
ON NONSEPARABLE REFLEXIVE BANACH SPACES AFOSR66-0245

NONSIMILAR
APPROXIMATE ANALYTIC SOLUTIONS FOR NONSIMILAR BOUNDARY LAYERS ARL 67-0131

NONSIMPLE
NONSIMPLE PHYSICAL REGION SINGULARITIES OF THE S MATRIX AFOSR67-1350

NONSPHERICAL
S-D MODEL WITH NONSPHERICAL FERMI SURFACE AFOSR66-0804

NONSTATIONARY
ON LINE SOLUTION OF OPTIMAL NONSTATIONARY LINEAR SYSTEMS AFOSR66-0289
LOWER ORDER LINEAR FILTERING AND PREDICTION OF NONSTATIONARY RANDOM SEQUENCES FINAL REPORT FEB 1967 SRL 67-0003

NONSTATISTICAL
NONSTATISTICAL ENERGY-TRANSFER THEORY AFOSR67-0606

NONSTEADY
NONSTEADY BURNING PHENOMENA OF SOLID PROPELLANTS THEORY AND EXPERIMENTS AFOSR66-1792

NONSTOICHIOMETRIC
STUDIES OF THE DEFECT STRUCTURE OF NONSTOICHIOMETRIC RUTILE, TiOSUR₂-X
SUPERCONDUCTING CRITICAL TEMPERATURES OF NONSTOICHIOMETRIC TRANSITION METAL CARBIDES AND NITRIDES ARL 67-0250
AFOSR67-0102

NONSTOICHIOMETRY
NONSTOICHIOMETRY OF ZrOSUR₂ AND ITS RELATION TO TETRAGONAL-CUBIC INVERSION IN ZrOSUR₂ ARL 67-0170

NONSYMMETRIC
NONSYMMETRIC BUCKLE PATTERNS IN PROGRESSIVE PLASTIC BUCKLING AFOSR67-1269

NONTRONITE
ELECTROOPTIC BEHAVIOR OF MONODISPERSE NONTRONITE SOLS AFOSR66-2071

NONUNIFORM
NONUNIFORM ELECTRICAL CONDUCTION IN MHD CHANNELS AFOSR67-2433
NONUNIFORM ELECTRICAL CONDUCTION IN MAGNETOHYDRODYNAMIC CHANNELS AFOSR67-2651
ELECTROACOUSTIC RESONANCES IN A NONUNIFORM PLASMA AFOSR66-0509
SLOW RELAXATION EFFECTS IN MAGNETICALLY NONUNIFORM MATERIALS AFOSR67-0351
STUDIES OF GUIDED ELECTROMAGNETIC WAVES IN THE PRESENCE OF AXIALLY NONUNIFORM OR RANDOM PERTURBATIONS AFOSR67-0298

NONUNIQUENESS
EXISTENCE AND NONUNIQUENESS OF RECTANGULAR SOLUTIONS OF THE PROBLEM AFOSR66-2544

NONVISCOUS
NONLINEAR OSCILLATIONS OF ELASTIC PANELS IN A SUPERSONIC NONVISCOUS AIRSTREAM AFOSR66-1861

NONZERO
STRONG-COUPLING SUPERCONDUCTOR AT NONZERO TEMPERATURE AFOSR67-0373

NORADRENALINE
NORADRENALINE AND DOPAMINE CONTENT OF NORMAL DECENTRALIZED AND DENERVATED PINEAL GLAND OF THE RAT
UPTAKE OF NORADRENALINE IN THE ISOLATED PERFUSED RAT HEART AFTER DEPLETION WITH DECARBORANE
REUPTAKE OF NORADRENALINE IN ISOLATED ADRENERGIC NERVE GRANULES AND THE ACTION OF ATP
CENTRAL CONTROL OF NORADRENALINE CONTENT IN RAT PINEAL AND SUBMAXILLARY GLANDS
REUPTAKE AND NET UPTAKE OF NORADRENALINE IN ADRENERGIC NERVE GRANULES WITH A NOTE ON THE AFFINITY FOR L- AND D-ISOMERS
EFFECT OF D-CHLOROPHENYLALANINE ON BRAIN NORADRENALINE IN MICE
THE EFFECT OF PROTRIPTYLINE ON THE METABOLISM OF DOPAMINE AND NORADRENALINE IN RABBIT BRAIN IN VITRO AFOSR67-1105
AFOSR66-2728
AFOSR66-0192
AFOSR67-1104
AFOSR66-0311
AFOSR66-1748
AFOSR66-2712

NORPINEPHRINE
REDUCTION OF NORPINEPHRINE IN THE LOWER BRAINSTEM BY PSYCHOLOGICAL STIMULUS AFOSR66-2697

| | |
|--|--------------|
| NEUROLOGIC PATHWAYS OF DOPAMINE AND NOREPINEPHRINE IN RABBIT BRAIN IN VITRO | AFOSR66-0604 |
| NORM | |
| KNOWN INEQUALITIES FOR ENTIRE FUNCTIONS OF EXPONENTIAL TYPE | AFOSR66-2593 |
| NORMAL | |
| NORMAL THRESHOLD BEHAVIOUR IN THE PRESENCE OF ANOMALOUS THRESHOLDS | AFOSR67-0072 |
| NORMAL THRESHOLDS IN SIMULTANEOUS VARIABLES | AFOSR67-0329 |
| NORMAL FORM AND STABILITY OF A CLASS OF COUPLED NONLINEAR NETWORKS | AFOSR66-0076 |
| NORMAL WING EXPANSION AND STABILITY OF COUPLET FLOW | AFOSR66-2616 |
| ANOMALOUS AND NORMAL SINGULARITIES AND THE INFINITE MOMENTUM LIMIT | AFOSR66-0967 |
| THE STRUCTURE OF NORMAL SHOCK WAVES IN A DIARY GAS MIXTURE | AFOSR66-2246 |
| HEAT FLOW BETWEEN NORMAL AND SUPERCONDUCTING REGIONS | AFOSR67-1056 |
| CHARACTERIZATION OF NORMAL AND GENERALIZED TRUNCATED NORMAL DISTRIBUTIONS USING ORDER STATISTICS | AFOSR67-0684 |
| RADIO RADIATION FROM NORMAL SPIRAL GALAXIES | AFOSR66-1045 |
| EXPERIMENTAL STUDY OF NORMAL IONIZING SHOCK WAVES | AFOSR67-2079 |
| COMPARISON OF OBLIQUE NORMAL AND TRANSVERSE IONIZING SHOCK WAVES | AFOSR67-2436 |
| LOW-MOLECULE REACTIONS IN NORMAL ALKANES: HYDRIDE ION TRANSFER. | ARL 66-1120 |
| EMPIRICAL PROPERTIES OF THE NORMAL VIBRATIONS OF A CRYSTAL | AFOSR66-0863 |
| EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES | AFOSR66-0023 |
| EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES | AFOSR66-0228 |
| EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES | AFOSR66-2632 |
| EQUATION-OF-STATE PARAMETERS FOR NORMAL ALKANES CORRELATION WITH CHAIN LENGTH | AFOSR66-0718 |
| NORADRENALINE AND DOPAMINE CONTENT OF NORMAL DECENTRALIZED AND DENERVATED PINEAL GLAND OF THE RAT | AFOSR67-1105 |
| DISTRIBUTION AND POWER OF THE ABSOLUTE NORMAL SCORES TEST | AFOSR66-0705 |
| ON LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES | ARL 67-0260 |
| FINITE-TIME TRANSPORT PROPERTIES OF NORMAL FERMION SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE MODEL | AFOSR67-0066 |
| NEW PROCEDURES FOR SELECTION OF MULTIVARIATE NORMAL POPULATIONS BETTER THAN A CONTROL | ARL 67-0060 |
| MUCHOSCOPIC ACTIVITY IN SUPRAPHYCNIC NUCLEUS OF NORMAL RATS | AFOSR67-2095 |
| CHARACTERIZATION OF NORMAL AND GENERALIZED TRUNCATED NORMAL DISTRIBUTIONS USING ORDER STATISTICS | AFOSR67-0684 |
| TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES II | AFOSR66-0793 |
| TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES I | AFOSR66-0849 |
| DEVIATIONS CONDITIONAL ESTIMATION OF THE STANDARD OF THE NORMAL AND LOGISTIC DISTRIBUTIONS FROM DOUBLY CENSORED | ARL 67-1003 |
| ANTIGENIC COMPETITION BETWEEN POLYPEPTIDYL DETERMINANTS IN NORMAL AND TOLERANT RABBITS | AFOSR66-1652 |
| SERIES REPRESENTATIONS OF DISTRIBUTIONS OF QUADRATIC FORMS IN NORMAL VARIABLES II NON-CENTRAL CASE | AFOSR67-0406 |
| SELECTION PROCEDURES BASED ON COVARIANCE MATRICES OF MULTIVARIATE NORMAL POPULATIONS | ARL 67-1271 |
| A SYSTEM OF INEQUALITIES FOR THE INCOMPLETE GAMMA FUNCTION AND THE NORMAL INTEGRAL | ARL 67-0259 |
| PRECISION MEASUREMENT OF DIPOLE MOMENTS AND OTHER SPECTRAL CONSTANTS OF NORMAL AND DEUTERATED METHYL FLUORIDE AND | AFOSR67-0365 |
| SIMULTANEOUS LINEAR ESTIMATION OF THE MEAN AND STANDARD DEVIATION OF THE NORMAL AND LOGISTIC DISTRIBUTION BY THE USE | ARL 67-1002 |
| ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE THEORETICAL STUDY FOR NORMAL INCIDENCE | AFOSR66-1734 |
| ON THE DISTRIBUTION OF LINEAR FUNCTIONS AND RATIOS OF LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES | ARL 67-0253 |
| ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE ADDITIONAL THEORETICAL STUDY FOR NORMAL INCIDENCE | AFOSR66-1746 |
| NORMAL-INDIUM | |
| QUANTUM LIMIT GALVANOMAGNETIC PHENOMENA IN NORMAL-INDIUM ANTIMONIDE | AFOSR67-1677 |
| NORMAL-STATE | |
| SUPERCONDUCTING-AND NORMAL-STATE THERMAL CONDUCTIVITY OF IMPURE TIN | AFOSR66-0016 |
| NORMALITY | |
| ASYMPTOTIC NORMALITY OF LINEAR COMBINATIONS OF FUNCTIONS OF ORDER STATISTICS II | AFOSR66-1277 |
| GENERALIZATION OF THEOREMS OF CHERNOFF AND SAVAGE ON THE ASYMPTOTIC NORMALITY OF TEST STATISTICS | AFOSR66-1276 |
| NORMALIZATION | |
| HIGH-ORDER NORMALIZATION PROCESS PROGRAM FOR TIME-INDEPENDENT HAMILTONIAN SYSTEMS | AFOSR67-0123 |
| HIGH-ORDER NORMALIZATION PROCESS PROGRAM FOR TIME-DEPENDENT HAMILTONIAN SYSTEMS | AFOSR66-0875 |
| NORMALIZED | |
| NORMALIZED CUMULATIVE BLACKBODY FUNCTIONS: AND THEIR APPLICATIONS IN THERMAL RADIATION CALCULATIONS | ARL 66-0255 |
| NORMALS | |
| CLIMATIC NORMALS AS PREDICTORS PART I BACKGROUND | AFCL67-0313 |
| CLIMATIC NORMALS AS PREDICTORS PART I MEDIAN VS MEAN | AFCL66-0255 |
| NORMED | |
| ON THE SPATIAL PROJECTION IN NORMED SPACES | AFOSR66-0785 |
| NORMED-LINEAR | |
| MINIMIZING FUNCTIONALS ON NORMED-LINEAR SPACES | AFOSR66-0281 |
| NORMS | |
| NORMS AND SEMI-GROUPS IN THE THEORY OF FADING MEMORY | AFOSR67-0849 |
| NORTH | |
| DURATION OF COLD TEMPERATURE OVER NORTH AMERICA | AFCL66-0232 |
| AN ANALYSIS OF THE TRAVEL TIMES OF S WAVES TO NORTH DEGREES | AFCL67-0264 |
| NORTHEAST | |
| SEISMICITY AND TECTONICS OF THE NORTHEAST PACIFIC OCEAN | AFCL66-0385 |
| NORTHERN | |
| NARROW- AND BROAD-BAND PHOTOMETRY OF RED STARS I NORTHERN GIANTS | AFOSR67-2670 |
| SOME ADDITIONAL ASPECTS OF THE UNUSUAL ACTIVITY OF THE NORTHERN AND SOUTHERN SOLAR HEMISPHERES MICROWAVE RADIO BURSTS | AFCL66-0217 |
| HIGH ALTITUDE ATMOSPHERIC TRANSMITTANCE AS OBSERVED OVER NORTHERN CALIFORNIA | AFCL66-0505 |
| GEOCHRONOLOGY OF THE MIDCONTINENT REGION UNITED STATES PART I SCOPE METHODS AND PRINCIPLES PART 2 NORTHERN AREA PART 3 | AFOSR67-0314 |
| NORWAY | |
| GIT SELECTION FOR A SEISMIC ARRAY STATION AND CRUSTAL STUDIES IN NORWAY 1965 FINAL REPORT FEB 1967 | AFOSR67-1370 |

NORWAY-SCOTLAND
ON TIME-TERM SURVEY NORWAY-SCOTLAND 1967 FINAL REPORT MAY 1968 AFOSR66-1424

NOSANOV
RELATION BETWEEN THE DRUECKNER-FROBERG AND NOSANOV CLUSTER EXPANSIONS AFOSR66-1009

N79E
NOSE BLUNTNES, CONE ANGLE, AND MACH NUMBER EFFECTS ON THE STABILITY DERIVATIVES OF SLENDER CONES FINAL REPORT SEP 1968 ARL 67-0105
THE EFFECT OF SEVERE NOSE BLUNTNES ON THE STABILITY OF SLENDER CONES IN HYPERSONIC FLOW ARL 67-0101
A DETAILIZING EFFECT OF SPHERE NOSE BLUNTNES ARL 67-0827

NOSE-TIP
S-BAND TELEMETRY ANTENNA STUDIES NOSE-TIP ARRAY AND OTHER SYSTEMS AFOSR66-0339

NOSED
LAMINAR HEAT TRANSFER TO A TWO DIMENSIONAL BLUNT FLAT NOSED BODY IN TRANSONIC AND SUPERSONIC FLOW ARL 66-0014

NOTCH
DYNAMIC STRAIN CONCENTRATION FACTOR FOR A NOTCH AFOSR66-0827

NOTION
EFFECT OF INITIAL CONFIGURATION ON LIBRATION POINT NOTION ARL 67-0204

NOTONECTA
WAVE-LENGTH DISCRIMINATION IN INSECTS A RECEPTOR CLASSES IN THE COMPOUND EYE OF THE BACKSWIMMER NOTONECTA B SPECTRAL AFOSR67-0714

NOTTINGHAM
THE EFFECT OF DIFFERENT SURFACE BARRIER MODELS ON THE NOTTINGHAM ENERGY EXCHANGE PROCESS AFOSR66-0402

NOVEL
NOVEL ASPECTS OF ACTIVE NETWORK THEORY FINAL REPORT SEPT 1968 AFAL 67-0185
A NOVEL PHOTOINDUCED RING EXPANSION OF 1-T-BUTYL-2-PHENYL-3-BENZOYLAZETIDINE AFOSR67-2626
A NOVEL SYNTHESIS OF 2,3-SECO-A-NOR-5-ALPHA-CHOLESTANE-2,3-DIOL AFOSR66-2236
BRIDGED RINGS PART XI A NOVEL FRAGMENTATION AFOSR67-0110
TWO-PION DECAYS OF KADONS IN A NOVEL APPROACH TO NONLEPTONIC WEAK PROCESSES AFOSR67-0125
THE DIFFERENTIAL INTERFEROMETER, A NOVEL TOOL FOR PLASMA DIAGNOSTICS ARL 66-1136
ELECTRON SPIN RESONANCE STUDIES OF DEUTERIUM ISOTOPE EFFECTS A NOVEL RESONANCE-INTEGRAL PERTURBATION AFOSR66-0306

NOVENBER
SEQUENCES OF FRACTIONAL FACTORIAL PLANS FINAL REPORT NOVEMBER 1968 ARL 66-0202
ROCKET INSTRUMENTATION FOR SOLAR ECLIPSE MEASUREMENTS 12 NOVEMBER 1966 AFOSR67-0336
ELECTRIC ARCS IN TRANSVERSE MAGNETIC FIELDS FINAL REPORT NOVEMBER 1968 ARL 66-0211
SOLVENT EXTRACTION STUDY OF METAL FLUOROACETYLACETONATES FINAL REPORT NOVEMBER 1968 ARL 66-0193
MOMENTUM BALANCE FOR CURRENT FILAMENTS IN MAGNETIC FIELDS FINAL REPORT NOVEMBER 1968 ARL 66-0196
PRESSURE DISTRIBUTION ON A 5.6 DEGREE BLUNT CONE AT MACH 14 FINAL REPORT NOVEMBER 1968 ARL 66-0208
INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES FINAL REPORT NOVEMBER 1968 ARL 66-0219
STUDIES OF THE PHYSICAL AND CHEMICAL PROPERTIES OF SOLID SURFACES FINAL REPORT NOVEMBER 1968 ARL 66-0194
THE TURBULENT, BOUNDED WALL-JET A SOLUTION TO THE LINEARIZED EQUATIONS FINAL REPORT NOVEMBER 1968 ARL 66-0204

NOWNSAD
ON A THEOREM OF P. NOWNSAD AFOSR67-2851

NOZZLE
NOZZLE FLOW OF A CHEMICALLY REACTING AND A RADIATING IONIZED GAS AFOSR67-1397
HIGH INTENSITY NOZZLE BEAM SOURCE FOR USE IN MOLECULAR TOTAL CROSS SECTION MEASUREMENTS AFOSR66-0905
AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW ARL 66-1366
AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLE FLOW ARL 66-1397

NOZZLES
AIR AND NITROGEN CONDENSATION IN HYPERSONIC NOZZLES ARL 67-1722

NUCLEAR
NUCLEAR MAGNETIC RESONANCE LOCAL-MAGNETIC-FIELD SHIFT IN SOLID XENON AFOSR67-0055
NUCLEAR MAGNETIC RELAXATION IN RARE-EARTH-DOPED CALCIUM FLUORIDE CRYSTALS AT LOW TEMPERATURES AFOSR67-0362
NUCLEAR MAGNETIC RESONANCE STUDIES OF POINT DEFECTS IN BARIUM FLUORIDE CRYSTALS AFOSR67-0594
NUCLEAR MAGNETIC RESONANCE STUDY OF ELECTRON-COUPLED INTERNUCLEAR INTERACTIONS IN THALLIUM CHLORIDE AFOSR67-0813
NUCLEAR ZEFMAN-DIPOLAR CROSS RELAXATION TIMES AFOSR67-1041
NUCLEAR SPIN RELAXATION IN A ROTATING TILTED REFERENCE FRAME AFOSR67-1043
NUCLEAR GAMMA RAYS FROM SUPERNOVA REMNANTS AFOSR67-1095
NUCLEAR PROCESSES IN COMETS AFOSR67-1174
NUCLEAR SPIN-LATTICE RELAXATION IN ALKALI HALIDES AT LOW TEMPERATURES AFOSR67-1253
NUCLEAR MAGNETIC RESONANCE STUDY OF BORATE-POLYBORATE EQUILIBRIA IN AQUEOUS SOLUTION AFOSR67-1701
NUCLEAR STABILITY AND NUCLEAR ENERGETICS BY MEANS OF ATOMIC MASS MEASUREMENT FINAL REPORT JULY 1967 AFOSR67-1715
NUCLEAR QUADRUPOLE RESONANCE OF DIAMMONIUM PENTACHLOROQUINODIUMATE AFOSR67-2753
NUCLEAR MAGNETIC RELAXATION TIMES OF HELIUM THREE IN HELIUM THREE - HELIUM FOUR SOLUTIONS AFOSR67-2798
NUCLEAR EXPLOSIONS IN A IONOSPHERE WITH FINITE ELECTRIC CONDUCTIVITY IN THE PRESENCE OF A UNIFORM MAGNETIC FIELD AFOSR66-0146
NUCLEAR QUADRUPOLE RESONANCE INVESTIGATION OF NIOBIUM BROMIDE AND URANIUM IODIDE AFOSR66-0550
NUCLEAR SPIN-LATTICE RELAXATION VIA PARAMAGNETIC CENTERS AFOSR66-0831
NUCLEAR SPIN-LATTICE RELAXATION IN CALCIUM FLUORIDE CRYSTALS VIA PARAMAGNETIC CENTERS AFOSR66-0836
NUCLEAR QUADRUPOLE MOMENTS OF THE NEUTRON DEFICIENT ISOTOPES 131CS AND 132CS AFOSR66-1107
NUCLEAR THREE-BODY PROBLEM FINAL REPORT OCT 1966 AFOSR66-1491
NUCLEAR SPIN-LATTICE RELAXATION STUDIES AFOSR66-1684
NUCLEAR MAGNETIC RELAXATION OF F-19 IN RARE EARTH DOPED LANTHANUM TRIFLUORIDE AFOSR66-2171
NUCLEAR QUASI-EQUILIBRIUM DURING SILICON BURNING AFOSR66-2772
NUCLEAR SPIN-LATTICE RELAXATION MEASUREMENTS BY TONE-BURST MODULATION ARL 66-0123
NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF CADMIUM SULFIDE ARL 66-0254
NUCLEAR SPECTROSCOPY BY β D REACTION ARL 66-1094
NUCLEAR MAGNETIC RESONANCE STUDIES OF 3-ACETYLATED-D-CAMPHORATO COBALT III STUDIES ARL 66-1179
NUCLEAR STRUCTURE OF SC SUPPER 43 11. GAMMA-RAY ANGULAR CORRELATIONS ARL 66-1341
NUCLEAR STRUCTURE OF SC SUPPER 43 14. ENERGY LEVELS AND DECAY SCHEMES ARL 66-1342
NUCLEAR SPIN-LATTICE RELAXATION IN SEMICONDUCTING CADMIUM SULFIDE ARL 66-1424
NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF COS ARL 66-1455
A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE REACTIONS IN THE SYSTEM BORDO TRIFLUORIDE-METHANOL A MODIFIED AFOSR67-2476

A NUCLEAR MAGNETIC RESONANCE INVESTIGATION OF PARAMAGNETIC RELAXATION IN VISCOUS SOLUTIONS
 THE NUCLEAR MAGNETIC RESONANCE AND MICROWAVE SPECTRA OF SOME DIFUTIRIO DERIVATIVES OF 4-DICHLOROCYCLOHEPTABORANE /7/
 PULSED NUCLEAR MAGNETIC RESONANCE IN ROTATING SOLIDS
 H AND F NUCLEAR MAGNETIC RESONANCE SPECTRA OF THE ANION OF SUBSTITUTED PHENOL TRIFLUORIDE - MONOHYDRATE/
 STUDY OF NUCLEAR STRUCTURE AND INTERACTIONS FINAL REPORT FEB 1968
 ELECTRIC NUCLEAR QUADRUPOLE MOMENT OF CESIUM 134 /OPRMAN/
 COLLECTIVE NUCLEAR ORBITALING MODE MODEL WITH APPLICATION TO SURF MR MONOPOLE STATE
 HIGH ENERGY NUCLEAR PHYSICS AND ELEMENTARY PARTICLES FINAL REPORT JUNE 1967
 THEORETICAL NUCLEAR ASTROPHYSICS FINAL REPORT OCT 1967
 THE USES OF NUCLEAR MAGNETIC RESONANCE IN THE STUDY OF LIGAND SUBSTITUTION PROCESSES
 CHLORINE-35 NUCLEAR QUADRUPOLE RESONANCE AND THE STRUCTURE OF THE RICHLORIDE ION IN TETRAMETHYLAMMONIUM BICHLORIDE
 A PROPOSED NUCLEAR RESONANCE DISPERSION DETECTOR
 RESEARCH IN NUCLEAR MAGNETIC RESONANCE A SUMMARY
 A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY AMINE COMPLEXES OF PLATINUM /11/
 A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY AMINE DERIVATIVES OF GROUP VI METAL CARBONYLS
 A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS II
 ISOBARIC SPIN IN NUCLEAR PHYSICS
 COUPLING BETWEEN NUCLEAR AND ELECTRONIC MOTION IN DIATOMIC MOLECULES
 DETERMINATION OF NUCLEAR MATRIX ELEMENT PARAMETERS IN THE FIRST FORBIDDEN BETA DECAY OF AUSUPPER108 AND SUSUPPER122
 DETERMINATION OF NUCLEAR LEVEL PROPERTIES WITH PROTON CAPTURE REACTIONS
 AND RESEARCH AT THE NUCLEAR RESEARCH CENTER /KFAA/ IN JULICH GERMANY
 RADIALLY-NONCONSERVING NUCLEAR FORCES
 THREE-BODY FORCES IN NUCLEAR MATTER
 NUCLEAR STABILITY AND NUCLEAR ENERGIES BY MEANS OF ATOMIC MASS MEASUREMENT FINAL REPORT JULY 1967
 CORRELATES COUPLING AND NUCLEAR PROPERTIES
 GAS CHROMATOGRAPHY AND NUCLEAR MAGNETIC RESONANCE STUDIES OF SOME METAL CHELATES
 STELLAR COMPOSITION AND NUCLEAR PROCESSES FINAL REPORT DEC 1967
 DIRECT DETECTION OF F19 NUCLEAR ACOUSTIC RESONANCE IN ANTIFERRO-MAGNETIC RNNF3
 ELECTRICAL MEASUREMENTS AND NUCLEAR ACTIVATION TECHNIQUES FOR RADIATION DAMAGE STUDIES AND IMPURITY ANALYSIS IN
 COMPREHENSIVE FORMALISM FOR NUCLEAR REACTION PROBLEMS I DERIVATION OF EXISTING REACTION THEORIES
 INVESTIGATION OF ELECTRON AND NUCLEAR SPIN-PHONON INTERACTIONS IN METALS AND SEMICONDUCTORS FINAL REPORT DEC 1967
 A MONTE CARLO SIMULATION OF THE NUCLEAR ACTIVE CASCADE IN EAS /ANALYSIS OF BOLIVIAN AIR SHOWER JOINT EXPERIMENT/
 METHOD OF CREATING A CONTROLLED NUCLEAR FUSION REACTION
 SIMULTANEOUS PARALLEL PUMPING OF NUCLEAR AND ELECTRONIC SPIN WAVES
 TRITIUM GEOPHYSICS FROM 1961-1962 NUCLEAR TESTS
 A PROGRAM TO DETERMINE FUNDAMENTAL NUCLEAR DATA FROM MUON INTENSITY MEASUREMENTS AND TO INVESTIGATE GEOPHYSICAL
 NEUTRON THEORETIC N-N INTERACTIONS FOR NUCLEAR PHYSICS
 THE CHEMISTRY OF CARBANIONS XIII THE NUCLEAR MAGNETIC RESONANCE SPECTRA OF VARIOUS METHYLMAGNESIUM DERIVATIVES AND
 MAGNETIC MOMENTS AND RION CURRENTS IN NUCLEAR MATTER
 A METHOD OF DETERMINING ANGULAR MOMENTA OF NUCLEAR EXCITED STATES
 THEORETICAL STUDIES IN ELEMENTARY PARTICLES NUCLEAR & LOW TEMPERATURE PHYSICS
 ISOBARIC SPIN- ITS INFLUENCE ON RESEARCH IN NUCLEAR PHYSICS WITH SMALL ACCELERATORS
 ON THE TRAVEL TIMES OF P AS OBTAINED FROM THE NUCLEAR EXPLOSIONS RILBY AND SHOAL
 A FAST RECOVERY PHASE AND RECEIVER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
 GEOMAGNETIC OBSERVATIONS OF 1962 HIGH ALTITUDE NUCLEAR TESTS /V/ FINAL REPORT MAR 1967
 CONFIGURATIONAL CORRELATION OF PHOSPHINATES BY NUCLEAR MAGNETIC RESONANCE AND OPTICAL ROTATORY DISPERSION
 HIGH-ENERGY ELECTRON SCATTERING AS A TEST OF THE NUCLEAR CLUSTER MODEL
 CONFORMATIONAL ANALYSIS XIII THE VALIDITY OF THE NUCLEAR MAGNETIC RESONANCE METHOD OF ESTABLISHING CONFORMATIONAL
 RESEARCH IN EXPERIMENTAL AND THEORETICAL LOW-ENERGY NUCLEAR PHYSICS FINAL REPORT JAN 1967
 NONPLANAR CYCLOBUTANE I THE 3-ISOPROPYLCYCLOBUTYL SYSTEM NUCLEAR MAGNETIC RESONANCE SPECTRA OF ALCOHOLS AND AMINES
 A HIGH-POWER TUNABLE RADIO-FREQUENCY TRANSMITTER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
 ACETONITRILE EXCHANGE RATES IN SOLUTIONS OF NICKEL/II/ IONS BY NUCLEAR MAGNETIC RESONANCE
 SHORT-PERIOD SEISMIC ENERGY RADIATION PATTERNS FROM UNDERGROUND NUCLEAR EXPLOSIONS AND SMALL-MAGNITUDE EARTHQUAKES
 REVIEW OF WORLDWIDE IONOSPHERIC AND COMMUNICATIONS EFFECTS OF U S 1962 NUCLEAR TESTS /V/ -- VOLUME II FINAL REPORT NOV
 DETERMINATION OF RATES OF OPTICAL INVERSION OF ALUMINUM PENTA-DIKETONATE COMPLEXES BY NUCLEAR MAGNETIC RESONANCE
 A PHOTOMETRIC DEVICE FOR THE IDENTIFICATION OF MULTIPLE CHARGED PARTICLES STOPPING IN NUCLEAR EMULSIONS
 ABUNDANCES AND ENERGY SPECTRA OF GALACTIC COSMIC-RAY NUCLEI ABOVE 20 MEV PER NUCLEON IN THE NUCLEAR CHARGE RANGE FROM
 THE COPPER-CATALYZED REACTION OF BENZONORADICACENE WITH BENZOYL PROXIDE AND T-BUTYL PEROXIDE NUCLEAR MAGNETIC
 THE PREPARATION OF /PLUS/ -N-METHYL-1-/21-NAPHTHYL/ ETHYLAMINE AND THE DETERMINATION OF ITS OPTICAL PURITY BY NUCLEAR

AFOSR66-0720
 AFOSR67-2205
 AFOSR67-1416
 AFOSR67-1270
 AFOSR66-0393
 AFOSR66-1155
 AFOSR67-0028
 AFOSR67-2224
 AFOSR67-2496
 AFOSR67-2026
 AFOSR66-0679
 AFOSR66-0962
 AFOSR66-1566
 AFOSR67-1613
 AFOSR67-2726
 AFOSR66-0506
 AFOSR67-0448
 AFOSR67-1975
 ARL 67-1044
 ARL 68-1208
 ARL 68-1040
 AFOSR66-1704
 AFOSR66-2547
 AFOSR67-1715
 ARL 67-1178
 ARL 67-1121
 AFOSR66-0124
 AFOSR66-1527
 AFOSR67-0596
 AFOSR67-0449
 AFOSR66-0252
 AFOSR66-0184
 ARL 67-1100
 AFOSR66-0507
 AFOSR66-1280
 AFOSR66-2665
 AFOSR67-2560
 AFOSR67-2679
 AFOSR67-2051
 ARL 67-1248
 AFOSR66-1426
 ARL 67-1045
 AFOSR67-2855
 AFOSR66-0931
 AFOSR67-0482
 AFOSR67-2413
 AFOSR67-0576
 AFOSR66-0677
 AFOSR67-0608
 AFOSR67-0457
 AFOSR66-1897
 AFOSR67-1867
 AFOSR67-0326
 AFOSR67-0103
 ARL 67-0224
 AFOSR67-1204
 AFOSR67-1081
 AFOSR66-0708
 AFOSR66-1490

NUCLEAR-REACTION

COMPREHENSIVE FORMALISM FOR NUCLEAR-REACTION PROBLEMS II APPLICATIONS - GIANT RESONANCES AND DOORWAY STATES

AFOSR66-0895

NUCLEATION

HOMOGENEOUS NUCLEATION AND GROWTH OF DROPLETS IN VAPOURS
 HETEROGENEOUS NUCLEATION AND ITS INFLUENCE ON THE STRUCTURE OF THIN FILMS /GERMAN/

AFOSR67-0507
 AFOSR67-0506

NUCLEI

NUCLEI OF LOW TO MEDIUM MASS
 ROLE OF TWO THALANIC NUCLEI IN INSTRUMENTAL CONDITIONING IN THE RAT (FRENCH)
 STUDY OF NEUTRON DEFICIENT NUCLEI FAR FROM BETA-STABILITY LINE
 HIGHER MODES IN COLLECTIVE NUCLEI
 ISOBARIC ANALOG STATES IN HEAVY NUCLEI V RESONANCES IN ZR-90 FROM PROTON INELASTIC SCATTERING
 ISOBARIC ANALOG STATES IN HEAVY NUCLEI IV SAMARIUM ISOTOPES
 ISOBARIC ANALOG STATES IN MASS-35 NUCLEI
 PARTICLE HOLE STATES IN CLOSED-SHELL NUCLEI
 ISOBARIC ANALOG STATES IN 25-10 SHELL NUCLEI
 REACTION MATRIX ELEMENTS FOR CLOSED-SHELL NUCLEI USING REALISTIC FORCES
 SOME RECENT STUDIES OF PROPERTIES OF S-D SHELL NUCLEI
 1F7/2 AND 2P3/2 STATES IN 200-A NUCLEI FROM SUPPER33 TO SUPPER 41CA
 EXCITED STATES WITH COLLECTIVE PROPERTIES IN LIGHT NUCLEI FINAL REPORT APRIL 1968
 ABUNDANCES AND ENERGY SPECTRA OF GALACTIC COSMIC-RAY NUCLEI ABOVE 20 MEV PER NUCLEON IN THE NUCLEAR CHARGE RANGE FROM
 THE THEORY OF THE PHOTODISINTEGRATION OF THE DEUTERON AND OF OTHER NUCLEI
 AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON SCATTERING LIGHT NUCLEI
 GAMMA-RAY ANGULAR CORRELATION STUDIES AND ISOBARIC ANALOG STATES IN 25-10 SHELL NUCLEI
 TABLES OF COEFFICIENTS FOR ANGULAR CORRELATION OF RADIATIVE TRANSITIONS FROM ALIGNED NUCLEI
 THE ACTIVITY OF APPARENT NERVE FIBERS FROM THE VESTIBULAR ORGAN AND OF NEURONS IN THE VESTIBULAR NUCLEI OF

ARL 67-0039
 AFOSR67-0113
 ARL 67-1174
 ARL 68-1091
 AFOSR66-1296
 AFOSR67-2103
 ARL 67-1280
 ARL 68-1105
 ARL 68-1204
 AFOSR66-2782
 ARL 68-1237
 ARL 68-0045
 AFOSR66-0792
 AFOSR67-1061
 AFOSR66-0714
 AFOSR66-1725
 ARL 67-1038
 ARL 68-0330
 AFOSR66-0672

NUCLEON

FFW NUCLEON PROBLEM THE NEUTRON PLUS HELIUM 4 PROCESS INCLUDING COUPLING TO THE D PLUS T PROCESS IN THE 20 MINUS MEV
 FRACT SUM RULE FOR NUCLEON MAGNETIC MOMENTS
 POSSIBLE MEASUREMENT OF THE NUCLEON AXIAL-VECTOR FORM FACTOR IN TWO-PION ELECTROPRODUCTION EXPERIMENTS
 VIRTUAL COULOMB EXCITATION IN NUCLEON TRANSFER
 ANGULAR FUNCTIONS FOR A THREE NUCLEON SYSTEM
 SUPERCONVERGENT AMPLITUDES IN NUCLEON COMPTON SCATTERING
 MODEL FOR ELECTRON EXCITATION OF THE NUCLEON
 HIGHER-ORDER LOW-ENERGY THEOREMS FOR NUCLEON COMPTON SCATTERING
 RADIATIVE CORRECTION TO /BETA+/-DECAY AND NUCLEON FORM FACTOR
 RELATIVISTIC MODEL FOR ELECTROPRODUCTION OF NUCLEON RESONANCES
 ANTISYMMETRIZED DISTORTED-WAVE APPROXIMATION FOR NUCLEON-NUCLEUS SCATTERING
 LOW-ENERGY CONSTRAINTS ON PION PRODUCTION AMPLITUDES IN P1 NUCLEON SCATTERING
 ABUNDANCES AND ENERGY SPECTRA OF GALACTIC COSMIC-RAY NUCLEI ABOVE 20 MEV PER NUCLEON IN THE NUCLEAR CHARGE RANGE FROM

AFOSR67-0672
 AFOSR67-0502
 AFOSR66-2263
 AFOSR67-1345
 AFOSR67-1356
 AFOSR66-0278
 AFOSR66-0441
 AFOSR66-1502
 AFOSR67-1536
 AFOSR66-1400
 AFOSR67-1800
 AFOSR66-0168
 AFOSR67-1081

| | |
|--|--------------|
| GALACTIC INTERIUM AND ITS ENERGY SPECTRUM ABOVE TWENTY MILLION ELECTRON VOLTS PER NUCLEON | AFOSR67-1208 |
| NUCLEON-ANTI-NUCLEON | |
| NUCLEON-ANTI-NUCLEON CHARGE-EXCHANGE SCATTERING USING U /8 6/ AND THE ABSORPTION MODEL | AFOSR68-0112 |
| NUCLEON-NUCLEON | |
| NUCLEON-NUCLEON INTERACTION AT HIGH ENERGIES | AFOSR67-2700 |
| THE NUCLEON-NUCLEON SCATTERING LENGTH THE THREE-BODY PROBLEM AND CHARGE SYMMETRY | AFOSR67-2198 |
| RELATIVISTIC NUCLEON-NUCLEON INTERACTIONS | AFOSR67-2555 |
| VELOCITY DEPENDENT PROB AND NUCLEON-NUCLEON SCATTERING PHASE SHIFT IN THE BORN APPROXIMATION | AFOSR68-2559 |
| SUPERCONVERGENCE SUM RULES IN NUCLEON-NUCLEON SCATTERING | AFOSR68-0366 |
| WORMS FUNCTION AND VELOCITY-DEPENDENT NUCLEON-NUCLEON POTENTIAL | AFOSR68-2448 |
| THE ONE PION EXCHANGE CONTRIBUTION TO THE WEAK PARITY VIOLATING NUCLEON-NUCLEON POTENTIAL | AFOSR68-0360 |
| NUCLEONIC | |
| COSMIC-RAY NEUTRON MONITOR YIELD FUNCTIONS CROSS TRANSFORMATION AND NUCLEONIC COMPONENT MEAN FREE PATHS | AFOSR68-0716 |
| NUCLEOPHILE-CATALYZE | |
| THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD SULFINYL SULFUR THE NUCLEOPHILE-CATALYZED HYDROLYSIS | AFOSR68-2069 |
| NUCLEOPHILES | |
| THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD SULFINYL SULFUR THE NUCLEOPHILE-CATALYZED HYDROLYSIS | AFOSR68-2069 |
| MECHANISMS OF SUBSTITUTION AT SULFINYL SULFUR III THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD | AFOSR67-0117 |
| NUCLEOPHILIC | |
| NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS II EVIDENCE FOR COMPETITIVE | AFOSR67-0706 |
| NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS III THE REACTION OF ALKYL | AFOSR67-0707 |
| NUCLEOPHILIC DISPLACEMENTS ON PHOSPHORUS ESTERS FINAL REPORT SEPT 1967 | AFOSR67-2247 |
| NUCLEOPHILIC DISPLACEMENTS AT SULFUR III THE EXCHANGE OF OXYGEN-18 BETWEEN SODIUM THIOSULFATE-O-18 AND WATER | AFOSR67-2314 |
| MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR II CONCOMITANT ELECTROPHILIC AND NUCLEOPHILIC CATALYSIS OF THE | AFOSR67-0031 |
| NUCLEOPHILICITY | |
| THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD SULFINYL SULFUR THE NUCLEOPHILE-CATALYZED HYDROLYSIS | AFOSR68-2069 |
| MECHANISMS OF SUBSTITUTION AT SULFINYL SULFUR III THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD | AFOSR67-0117 |
| NUCLEOSYNTHESIS | |
| NUCLEOSYNTHESIS DURING SILICON BURNING | AFOSR68-0728 |
| THE COMPARISON BETWEEN OBSERVATION AND PREDICTION IN NUCLEOSYNTHESIS | AFOSR67-0643 |
| NUCLEUS | |
| DEUTERON STRIPPING ON A REALISTIC NUCLEUS | AFOSR67-2399 |
| NEUROSECRETORY ACTIVITY IN SUPRAOPTIC NUCLEUS OF NORMAL RATS | AFOSR67-2095 |
| ANTISYMMETRIZED DISTORTED-WAVE APPROXIMATION FOR NUCLEON-NUCLEUS SCATTERING | AFOSR67-1600 |
| AUDITORY RESPONSES OF NEURONES IN THE LATERAL MESENCEPHALIC NUCLEUS /INFERIOR COLICULUS/ OF THE BARBARY DOVE | AFOSR68-0607 |
| THE EXCITABILITY OF OTIC NERVE TERMINALS IN THE LATERAL GENICULATE NUCLEUS AFTER STIMULATION OF VISUAL CORTEX | AFOSR67-2539 |
| HINDOILAR RECIPROCAL INTERACTION UPON REEDER ENDINGS IN THE LATERAL GENICULATE NUCLEUS OF THE CAT | AFOSR67-2537 |
| NULL | |
| NULL AND PSEUDONULL DATA FOR SCALAR FIELDS | AFOSR68-2739 |
| HARMONIC AND NULL DESCRIPTIONS OF GRAVITATIONAL RADIATION | ARL 68-0125 |
| SYMMETRIES OF NULL INFINITY | ARL 67-1056 |
| THE STRUCTURE OF NULL INFINITY | ARL 67-1055 |
| ERROR DETECTION CONSIDERATIONS IN NULL RECEPTION SYSTEMS | AFCL67-0638 |
| NUMBER | |
| NUMBER DENSITY DETERMINATION IN THE ATMOSPHERE OF OSUR2 HSUR20 AND COSUR2 GAS CONSTITUENTS BY USE OF A HIGH INTENSITY | AFOSR67-1591 |
| NUMBER OPERATORS FOR REPRESENTATIONS OF THE CANONICAL COMMUTATION RELATIONS | AFOSR68-1370 |
| THE NUMBER OF TERMS IN THE GENERAL GAIN FORMULAS FOR COATES AND MASON SIGNAL FLOW GRAPHS | AFOSR67-0386 |
| OMITON NUMBER CAUSED BY A CLASSICAL TRANSMITTER | AFOSR67-2327 |
| NOTE ON THE NUMBER OF FINITE ALGEBRAS | AFOSR68-2017 |
| COORDINATION NUMBER OF THE RARE EARTHS IN SOME OF THEIR CHLORATES | ARL 68-1431 |
| THE HIGH MACH NUMBER RAYLEIGH PROBLEM ACCORDING TO THE KROOK MODEL | AFOSR67-2082 |
| THE HYDRATION NUMBER AND RATE OF WATER EXCHANGE OF THE TRIMETHYLPALATINUM /IV/ ION IN AQUEOUS SOLUTION DETERMINED BY | AFOSR68-2864 |
| ESTIMATION OF THE NUMBER OF HYPOTHESES IN A CONCEPT LEARNING TASK | AFOSR68-0819 |
| ON THE COMPUTATION OF THE NUMBER OF ELEMENTS IN COMBINATIONS OF SETS | AFOSR67-1880 |
| THE USE OF THE COORDINATION NUMBER IN THE INTERPRETATION OF FLUID STRUCTURE | AFOSR68-1555 |
| A REMARK ON DETERMINING THE NUMBER OF STATES OF A SEQUENTIAL MACHINE | AFOSR68-2102 |
| INJECTION EFFECTS IN HIGH PRANDTL NUMBER BOUNDARY-LAYER FLOWS | AFOSR68-2829 |
| POINT-SYMMETRIC GRAPHS WITH A PRIME NUMBER OF POINTS | AFCL67-0654 |
| NOSE PLUNTERS, CONE ANGLE, AND MACH NUMBER EFFECTS ON THE STABILITY DERIVATIVES OF SLENDER CONES FINAL REPORT SER. 198 | ARL 67-0185 |
| A TURB WIND TUNNEL FOR HIGH REYNOLDS NUMBER SUPERSONIC TESTING | ARL 68-0031 |
| DISCUSSION ON A CHAMBER TO MEASURE ION NUMBER DENSITIES UNDER LOW PRESSURE AND SUPERSONIC SPEED | AFCL68-0199 |
| NUMERICAL CALCULATION OF THE LOW REYNOLDS NUMBER FLOW OVER A PLUNT WEDGE WITH REARWARD FACING STEP FINAL REPORT JULY | ARL 67-0151 |
| A NOTE ON THE VARIATION OF THE UNIT REYNOLDS NUMBER ON A FLAT PLATE AS A FUNCTION OF THE ANGLE OF ATTACK FINAL REPORT | ARL 68-0230 |
| STOPPING CROSS SECTIONS IN HORMON OF LOW ATOMIC NUMBER ATOMS WITH ENERGIES FROM 15 TO 140 KEV | AFOSR67-1756 |
| PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 2 PP57-128 MAR-APR 1967 FINAL REPORT MARCH 1968 | AFOSR68-0701 |
| PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 3 PP129-220 MAY-JUN 1967 | AFOSR68-0782 |
| PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 4 PP221-294 JUL-AUG 1967 FINAL REPORT MARCH 1968 | AFOSR68-0783 |
| PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 12 NUMBER 1 PP1-64 JAN-FEB 1968 | AFOSR68-0784 |
| THE EFFECT OF WALL TEMPERATURE ON THE LOW REYNOLDS NUMBER HYPERSONIC STAGNATION REGION SHOCK LAYER | ARL 67-0076 |
| FLOW INVESTIGATION ABOUT A FIN PLATE MODEL AT A MACH NUMBER OF 11.28 FINAL REPORT SEP 1967 | ARL 67-0188 |
| GRAIN FUNCTION VOLUME IV UCLA FORUM IN MEDICAL SCIENCES NUMBER 6 - PROCEEDINGS OF THE FOURTH CONFERENCE ON BRAIN | AFOSR68-1342 |
| THE DESIGN AND OPERATION OF A HIGH MACH NUMBER-REYNOLDS NUMBER FACILITY FINAL REPORT DECEMBER 1968 | ARL 68-0213 |
| NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY-WAVE NUMBER SPECTRA OF SEISMIC EVENTS USING LINEAR ARRAYS | AFOSR67-1201 |
| WAKE MEASUREMENTS BEHIND A CONE SUSPENDED MAGNETICALLY IN A MACH NUMBER 8.3 STREAM | AFOSR68-1565 |
| A STUDY OF THE RELATIONSHIP BETWEEN MULTIPATH DISTORTION AND WAVE NUMBER SPECTRUM OF DIELECTRIC NOISE IN RADIO LINKS | AFOSR68-0439 |
| AN APPROXIMATION TECHNIQUE TO DETERMINE INVERSE FILTERS WITH A MINIMUM NUMBER OF WEIGHTS | AFOSR67-1565 |
| DIAGNOSTIC STUDIES OF WEATHER SYSTEMS OF LOW AND HIGH LATITUDES /ROSSBY NUMBER 1/ FINAL REPORT APRIL 1967 | AFCL67-0128 |
| WALL SHEAR STRESS DISTRIBUTION FOR FLOW AROUND A CIRCULAR CYLINDER AT REYNOLDS NUMBER BETWEEN 60 AND 340 | AFOSR67-2355 |
| AN ELECTRIC ARC HELD STATIONARY BY A MAGNETIC FIELD IN A UNIFORM FLOW THEORY FOR LOW REYNOLDS NUMBER FLOW | ARL 68-0025 |
| NON-LINEAR HEAT TRANSFER BETWEEN TWO PARALLEL PLATES ACCORDING TO A MODEL WITH CORRECT PRANDTL NUMBER | AFOSR67-1916 |
| BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATION BETWEEN RANDOM EFFECTS AND THE NUMBER OF | ARL 67-1020 |
| DEVELOP ACTIVITY GRADIENTS IN METAL OXIDES UPON APPLIED ELECTRIC POTENTIALS AND THEIR INFLUENCE ON TRANSFERENCE NUMBER | ARL 68-1155 |

NUMERICAL

TRANSFERENCE NUMBERS IN PARTIALLY EQUILIBRATED BURNING
 VISCOUS EFFECTS ON BLUNT CONES AT LOW REYNOLDS NUMBERS AND HYPERSONIC SPEED
 HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS II EXPERIMENTAL RESULTS AND COMPARISON WITH THEORY
 HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS I THEORY FOR VARIABLE PROPERTY FLOW
 STATISTICAL DIFFERENCE BETWEEN RANDOM EFFECTS AND THE NUMBERS OF OBSERVATIONS ON THE EFFECTS FOR THE UNBALANCED
 VISCOUS HYPERSONIC FLOW OVER POINTED CONES AT LOW REYNOLDS NUMBERS
 FLOW VISUALIZATION USING GLOW DISCHARGE AT HYPERSONIC MACH NUMBERS
 AN INVESTIGATION OF AERODYNAMIC CONTROLS AT HYPERSONIC MACH NUMBERS FINAL REPORT MAY 1967
 SOME RESULTS GIVING RATES OF CONVERGENCE IN THE LAW OF LARGE NUMBERS FOR WEIGHTED SUMS OF INDEPENDENT RANDOM VARIABLES
 IMPORTANCE OF COMPLEMENTARY TO CAUCHY'S INEQUALITY FOR SUMS OF REAL NUMBERS
 NATURAL CONVECTION FROM A HORIZONTAL CYLINDER AT MODERATE GRASHOF NUMBERS
 COMPRESSIBLE FLUID FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS
 ERROR DETECTING AND ERROR CORRECTING INDEXING SYSTEMS FOR LARGE SERIAL NUMBERS
 VELOCITY GRADIENTS AT THE WALL FOR FLOW AROUND A CYLINDER FOR REYNOLDS NUMBERS BETWEEN 60 AND 360
 THE VISCOUS INCOMPRESSIBLE FLOW PAST A CIRCULAR CYLINDER AT MODERATE REYNOLDS NUMBERS
 A RELATION BETWEEN MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 SOME RESULTS RELATING MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
 MATHEMATICAL THEORY OF STEADY COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS FINAL REPORT
 BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECT AND THE NUMBERS OF
 DIAPHS IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECTS AND THE NUMBERS OF
 AN EXPERIMENTAL STUDY ON THE AERELASTIC STABILITY OF THIN CYLINDRICAL SHELLS AT THE LOWER SUPERSONIC MACH NUMBERS
 EXPERIMENTAL INVESTIGATION OF INTERACTIONS BETWEEN BLUNT FIN SHOCK WAVES AND ADJACENT BOUNDARY LAYERS AT MACH NUMBERS
 NATURAL CONVECTION FROM A HORIZONTAL CYLINDER IN THE PRESENCE OF A SOUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS

ARL 67-1074
 ARL 67-1228
 AFOSR67-2061
 AFOSR67-2065
 ARL 66-0082
 ARL 67-0266
 ARL 66-1048
 ARL 67-0030
 AFOSR67-0942
 AFOSR66-0181
 ARL 67-0270
 ARL 66-1261
 AFOSR67-1100
 AFOSR66-2079
 AFOSR66-1064
 AFOSR67-0941
 ARL 66-1316
 ARL 66-1310
 ARL 66-1321
 AFOSR67-2410
 ARL 67-0140
 ARL 67-1022
 ARL 67-1021
 ARL 67-0006
 ARL 66-0214
 ARL 66-0048

NUMERICAL

NUMERICAL RESTORATION OF OPTICAL OBJECTS OBLSCURED BY DIFFRACTION AND NOISE
 NUMERICAL METHODS OF COMPUTING THREE-DIMENSIONAL TRAJECTORIES FOR ADIABATIC AND DIABATIC FLOWS
 NUMERICAL EXPERIMENTS ON THE FORMATION OF A TORNADO FUNNEL IN THE BOUNDARY LAYER
 NUMERICAL EXPERIMENTS WITH A VERTICALLY PARAMETERIZED MODEL DESIGNED TO STUDY THE EFFECTS OF HIGH-LEVEL HEATING ON THE
 NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY-WAVE NUMBER SPECTRA OF SEISMIC EVENTS USING LINEAR ARRAYS
 NUMERICAL EXPERIMENTS OF MAGNETOHYDRODYNAMIC SHOCKS AND THE STABILITY OF SWITCH-ON SHOCKS
 NUMERICAL TEST OF THE INTEGRAL HELLMANN-FEYNMAN THEOREM
 NUMERICAL TECHNIQUES IN MATRIX MECHANICS
 NUMERICAL STUDIES IN GAS DYNAMICS FINAL REPORT APRIL 1968
 NUMERICAL ANALYSIS OF HADRON TOTAL CROSS SECTIONS IN THE QUARK MODEL
 NUMERICAL CLASSIFICATION FOR TAXONOMIC PROBLEMS
 NUMERICAL SOLUTION OF DIPOLE RADIATION IN A COMPRESSIBLE PLASMA
 NUMERICAL CALCULATION OF THE LOW REYNOLDS NUMBER FLOW OVER A BLUNT WEDGE WITH REARWARD FACING STEP FINAL REPORT JULY
 NUMERICAL ASPECTS OF MATHEU EIGENVALUES
 NUMERICAL EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING SOLIDIFICATION
 A NUMERICAL STUDY OF THE GENERAL CIRCULATION OF THE ATMOSPHERE
 A NUMERICAL SOLUTION OF THE BOLTZMANN EQUATION FOR A TWO-DIMENSIONAL GAS
 A NUMERICAL INTEGRATION FORMULA USEFUL IN FOURIER ANALYSIS
 A NUMERICAL SOLUTION FOR THE LAMINAR WAKE BEHIND A FINITE FLAT PLATE
 ON NUMERICAL RESULTS OF A ONE-DIMENSIONAL UNSTEADY VARIATIONAL METHOD IN MGD
 ON NUMERICAL CALCULATION OF TRANSONIC FLOW PATTERNS
 THE NUMERICAL SOLUTION OF BOUNDARY LAYER PROBLEMS
 THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS FINAL REPORT MARCH 1968
 SOME NUMERICAL SOLUTIONS OF THE ROTATIONAL EULER EQUATIONS
 SOME NUMERICAL CALCULATIONS FOR AN FLUCTUATING ARC IN A CYLINDRICAL TUBE
 ON THE NUMERICAL INTEGRATION OF A SYMMETRIC SYSTEM OF DIFFERENCE-DIFFERENTIAL EQUATIONS OF NEUTRAL TYPE
 EFFICIENT NUMERICAL ANALYSIS OF NONLINEAR CIRCUITS
 RESEARCH IN NUMERICAL DYNAMICAL AND OPERATIONAL WEATHER FORECAST PROCEDURES FINAL REPORT APR 1968
 COMPARISON OF NUMERICAL CALCULATIONS AND MEASURED SPACE-TIME RESOLVED PLASMA PROPERTIES OF A DYNAMICAL THETA PINCH
 AN EXPERIMENT IN NUMERICAL PREDICTION IN EQUATORIAL LATITUDES
 GENERAL FORMULATION AND NUMERICAL SOLUTION OF REACTION RATE PROBLEMS
 THE PHYSICAL NATURE OF THE NUMERICAL INSTABILITY IN THE SOLUTION OF THE EQUATIONS OF TRANSFER
 UTILIZATION OF PAST DATA IN NUMERICAL FORECASTING
 CAMBRIDGE ATMOSPHERIC DENSITY NUMERICAL INTEGRATION PROGRAM CADNIP FINAL REPORT AUG 1967
 SOME CRITICAL REMARKS ON A NEW NUMERICAL METHOD FOR SIMULATION OF DYNAMICAL SYSTEMS
 CONTRIBUTIONS TO THE THEORY OF NUMERICAL SIMULATION
 RIGOROUS BOUNDS ON THE ERROR IN NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATIONS
 A SEARCH FOR OPTIMUM METHODS FOR THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS
 RELATIVISTIC POSITRON-ELECTRON BREMSSTRAHLUNG AT WIDE ANGLES A NUMERICAL CALCULATION
 A COMPUTER STUDY OF THE ESTIMATED PROPAGATION OF ERRORS IN THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL
 SMOOTHING EFFECT OF THE TURBULENCE TERM IN OBJECTIVE ANALYSIS AND NUMERICAL PREDICTION

AFCL67-0070
 AFCL66-0357
 AFCL66-0358
 AFCL66-0371
 AFOSR67-1201
 AFOSR67-2078
 AFOSR67-2470
 AFOSR66-1057
 AFOSR66-1225
 AFOSR66-1371
 AFOSR66-2033
 AFOSR66-2122
 ARL 67-0151
 ARL 67-1033
 ARL 66-1007
 AFCL66-0201
 AFOSR67-2050
 AFOSR66-0683
 AFOSR66-1018
 AFOSR67-0677
 AFOSR66-2600
 AFOSR67-2046
 AFOSR66-0712
 AFOSR66-0847
 ARL 66-0116
 AFOSR66-0674
 AFOSR66-2142
 AFCL66-0206
 AFOSR67-0819
 AFCL66-0453
 AFOSR66-1624
 ARL 67-1179
 AFCL66-0273
 AFCL67-04
 AFOSR67-1016
 AFOSR66-2412
 ARL 67-1258
 AFOSR66-0011
 AFOSR67-1647
 ARL 67-1006
 AFCL66-0289

NYLON

THERMAL CONDUCTIVITY OF NYLON AT LIQUID HELIUM TEMPERATURES
 THERMAL CONDUCTIVITY MEASUREMENTS ON NYLON RODS AND NYLON- GREASE-COPPER BOUNDARIES

ARL 66-1462
 ARL 66-0253

O-ATON

UPPER ATMOSPHERE O-ATON DENSITIES BY WIND TUNNEL SIMULATION OF NITRIC OXIDE RELEASES

AFCL67-0053

OBJECT

DRAW ON AN OBJECT IN NEARLY-FREE MOLECULAR FLOW
 OPTICAL SPACE OBJECT IDENTIFICATION

AFOSR67-1246
 ARL 67-1090

OBJECTIVE

AN OBJECTIVE FUNCTION FOR COMPUTER SYSTEMS SCHEDULING OCT 1968
 RESEARCH ON OBJECTIVE WEATHER FORECASTING ON THE COMPUTATION OF INITIAL WIND FIELDS FOR THE INTEGRATION OF THE
 SMOOTHING EFFECT OF THE TURBULENCE TERM IN OBJECTIVE ANALYSIS AND NUMERICAL PREDICTION

AFOSR66-2583
 AFCL67-0093
 AFCL66-0289

OBJECTIVITY

OBJECTIVITY IN QUANTUM MECHANICS

AFOSR67-1275

OBJECTS

NUMERICAL RESTORATION OF OPTICAL OBJECTS OBLSCURED BY DIFFRACTION AND NOISE
 SPECTRAL SHIFTS IN QUASI-STARLAR OBJECTS
 GEMINI VII SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH -CLOUD BACKGROUNDS /U/
 MEASUREMENT OF POLARIZED LIGHT FROM SPACE OBJECTS
 INVERSE COMPTON RADIATION IN QUASI-STARLAR OBJECTS

AFCL67-0070
 AFOSR67-0190
 AFCL67-0498
 ARL 67-1324
 AFOSR67-1668

| | |
|---|--------------|
| THE NATURE OF THE REFLECTIONS IN QUASI-STAR OBJECTS | AFOSR66-2291 |
| ORIGIN OF THE REFLECTION MEASUREMENTS OF SPACE OBJECTS AND PARTIAL CLOUD BACKGROUNDS | AFOSR67-0363 |
| AN INVESTIGATION OF POLARIZATION PHENOMENA PRODUCED BY SPACE OBJECTS | ARL 67-1055 |
| EXPERIMENTAL INVESTIGATION OF THE MODIFICATION OF THE BACKSCATTERING CROSS SECTIONS OF METALLIC OBJECTS | AFOSR66-0348 |
| ORBITAL | |
| SATELLITE MOTION FOR ALL INCLINATIONS AROUND AN ORBITAL PLANET | AFOSR67-0783 |
| ORBITALNESS | |
| SOLAR ORBITALNESS AND MAGNETIC FIELD | AFOSR66-1808 |
| SOLAR ORBITALNESS AND THE PERIHELION ADVANCE OF PLANETS | AFOSR66-1842 |
| ORBITAL | |
| ORBITAL INCIDENCE IONOSPHERIC INVESTIGATIONS FINAL REPORT FEB 1967 | AFOSR67-0187 |
| COMPARISON OF ORBITAL NORMAL AND TRANSVERSE IONIZING SHOCK WAVES | AFOSR67-2430 |
| OSCILLATION | |
| NUMERICAL RESTORATION OF OPTICAL OBJECTS OSCURED BY DIFFRACTION AND NOISE | AFOSR67-0070 |
| OSCILLABILITY | |
| CONTROLLABILITY OSCILLABILITY AND STABILITY OF LINEAR SYSTEMS | AFOSR66-1304 |
| CONTROLLABILITY AND OSCILLABILITY OF COMPOSITE SYSTEMS | AFOSR66-1172 |
| CONTROLLABILITY AND OSCILLABILITY OF FEEDBACK SYSTEMS | AFOSR66-1182 |
| SIMPLIFIED CONDITIONS FOR CONTROLLABILITY AND OSCILLABILITY OF LINEAR TIME-INVARIANT SYSTEMS | AFOSR67-0340 |
| OSCILLATION | |
| OSCILLATION SYSTEM BIAS ESTIMATION FROM SATELLITE OBSERVATIONS FINAL REPORT AUG 1967 | AFOSR67-0439 |
| OSCILLATION OF QUANTUM JUMP AND HIGH FIELD JUMPING EFFECTS IN MICROWAVE HELICON PROPAGATION IN DEGENERATE | AFOSR67-0218 |
| OSCILLATION OF CYCLOTRON RESONANCE IN MAGNETIC | AFOSR67-0430 |
| OSCILLATION OF CENTRIFUGAL STRETCHING IN SAMARIUM ISOTOPE 152 | AFOSR67-1446 |
| OSCILLATION OF CYCLOTRON ECHOES FROM A HIGHLY IONIZED PLASMA | AFOSR67-1972 |
| OSCILLATION OF GAMMA RADIATION FROM THE CRAB NEBULA | AFOSR66-0486 |
| OSCILLATION OF LOCALIZED PHOTON MODES IN SUPERCONDUCTIVE TUNNELING | AFOSR66-1957 |
| OSCILLATION OF NUCLEAR-ACOUSTIC-RESONANCE DISPERSION | AFOSR66-1636 |
| OSCILLATION OF OSCILLATORY LIFETIME IN CDR | ARL 66-0230 |
| THE OSCILLATION OF MARKERS DURING THE IONIZATION OF COLUMBIUM | ARL 66-0044 |
| DIRECT OSCILLATION OF COLLISION BROADENING AND EFFECT OF RESONANT INTERACTIONS ON GAS-LASER TRANSITIONS | AFOSR67-0629 |
| DIRECT OSCILLATION OF WAVE-LENGTH DEPENDENT WIDTHS AND COLLISION BROADENING USING STIMULATED EMISSION TECHNIQUES | AFOSR67-0683 |
| THE DIRECT OSCILLATION OF INDIVIDUAL CRYSTALLINE DISLOCATIONS | AFOSR67-1501 |
| MASS SPECTROSCOPIC OBSERVATION OF IGNITION PHENOMENA IN A SMALL ROCKET COMBUSTION CHAMBER | AFOSR66-0225 |
| THE COMPARISON BETWEEN OBSERVATION AND OBSERVATION IN NUCLEOSYNTHESIS | AFOSR66-0225 |
| RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1967 | AFOSR67-0340 |
| RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1968 | AFOSR66-0316 |
| RESEARCH ON THE RECENT LETTER OBSERVATION OF MAGNETIC SOUND STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS | AFOSR67-1754 |
| A PRELIMINARY REPORT ON DOPPLER RADAR OBSERVATION OF TURBULENCE IN A THUNDERSTORM | AFOSR67-0018 |
| OSCILLATIONAL | |
| A AND M PHYSICAL AND OPTICAL OSCILLATIONAL SPECTROSCOPY AND BREAKDOWN | AFOSR66-2309 |
| OSCILLATIONS | |
| OBSERVATIONS ON THE RELEASE OF A CLOUD OF BARIUM ATOMS AND IONS IN THE UPPER ATMOSPHERE | AFOSR67-0144 |
| OBSERVATIONS OF STRATOSPHERIC CLEAR-AIR TURBULENCE AND MOUNTAIN WAVES OVER THE SIERRA NEVADA MOUNTAINS FINAL REPORT | AFOSR66-0001 |
| OBSERVATIONS OF THE RADIO SOURCE CTA 102 | AFOSR67-0401 |
| OBSERVATIONS OF LARGE-SCALE COMBUSTION DILATING ELECTRON PRECIPITATION EVENTS IN THE AURORAL ZONE ACCOMPANIED BY | AFOSR67-1314 |
| OBSERVATIONS OF THE SEPTEMBER 2, 1966 PCA EVENT, MIDDAY RECOVERY IN ABSORPTION | AFOSR66-3488 |
| OBSERVATIONS OF PROPERGATION STARS III | AFOSR66-0960 |
| OBSERVATIONS OF THE SPATIAL STRUCTURE OF INTERSTELLAR HYDROGEN I HIGH-RESOLUTION OBSERVATIONS OF A SMALL REGION | AFOSR66-1008 |
| OBSERVATIONS OF COLLISION WITH A FAST NIGHT SKY CROOKS DETECTOR | AFOSR66-2457 |
| SOME OBSERVATIONS OF THE GEL GROWTH OF DOPED AND UNDOPED CALCIUM TARTRATE CRYSTALS | AFOSR67-0304 |
| SOME OBSERVATIONS CONCERNING THE SHORTRANGE OF NEGATIVE -PARITY EXCITED STATES IN THE ALPHA PARTICLE | AFOSR67-0877 |
| SOME OBSERVATIONS ON ENVELOPING ALGEBRAS OF NONCOMPACT GROUPS | AFOSR67-0673 |
| SOME OBSERVATIONS ON HETEROGENEOUS MIXING INSIDE CHANNELS | ARL 67-0274 |
| RADAR OBSERVATIONS OF INSECTS IN FREE FLIGHT | AFOSR67-0127 |
| RADAR OBSERVATIONS OF THE SOLAR SYSTEM | AFOSR67-0187 |
| RADIO OBSERVATIONS OF CTA 102 | AFOSR67-1477 |
| RADAR OBSERVATIONS OF MARS AND JUPITER AT 70 CM | AFOSR67-2494 |
| ATMOSPHERIC OBSERVATIONS AND RESEARCH FINAL REPORT DEC 1966 | AFOSR67-0028 |
| LITHIUM OBSERVATIONS IN THE PLEIADES AND IN F STARS IN THE FIELD | AFOSR67-0024 |
| IMPAIRED OBSERVATIONS OF THE OUTER SOLAR CORONA FINAL REPORT OCT 1967 | AFOSR67-0546 |
| MARCH 1966 OBSERVATIONS OF THE GALACTIC SPUR IN THE 20 TO 40 MHz RANGE | AFOSR67-0896 |
| WAVE-FRONT OBSERVATIONS AT 95 GHz ON A LINE-OF-SIGHT RADIO-WAVE PROPAGATION PATH | AFOSR67-0896 |
| WAVE-FRONT OBSERVATIONS AT 95 GHz ON A LINE-OF-SIGHT RADIO-WAVE PROPAGATION PATH FINAL REPORT DEC 1967 | AFOSR67-0896 |
| RADIOMETRIC OBSERVATIONS OF THE PLANETS JUPITER VENUS AND MARS AT A WAVELENGTH OF 0.6 MILLIMETERS | AFOSR67-0809 |
| GEOMAGNETIC OBSERVATIONS OF 1962 HIGH ALTITUDE NUCLEAR TESTS (JULY) FINAL REPORT MAR 1967 | AFOSR67-0452 |
| PRELIMINARY OBSERVATIONS ON THE DOPPLER SPECTRUM OF THE HUMAN PEG 21/ALAM/ | AFOSR66-0944 |
| SIMULTANEOUS OBSERVATIONS OF HA AND THE K-LINE OF CA II IN THE SOLAR SPECTRUM | AFOSR66-0197 |
| EXPERIMENTAL OBSERVATIONS OF THE TRANSITION TO DETONATION IN AN EXPLOSIVE GAS | AFOSR67-0686 |
| QUANTITATIVE OBSERVATIONS OF DOT ANGLE ECHOES AT TWO FREQUENCIES | AFOSR67-0620 |
| EXPERIMENTAL OBSERVATIONS ON THE NONLINEAR FLEXURAL VIBRATIONS OF THINWALLED CIRCULAR CYLINDERS | AFOSR66-0516 |
| SIMULTANEOUS OBSERVATIONS OF A PULSATING RADIO SOURCE OVER A 5.000 KM BASELINE | AFOSR66-2889 |
| BALLOON-BORNE OBSERVATIONS OF BRIGHTNESS VARIATIONS IN THE 1.27 MICRON BAND OF OXYGEN IN THE DAY AND TWILIGHT AIRGLOW | AFOSR66-0157 |
| DISCUSSION OF OBSERVATIONS OF QUASI-STAR RADIO SOURCES RADIO GALAXIES AND SUPERNOVA REMNANTS | AFOSR66-1751 |
| SPECTROGRAPHIC OBSERVATIONS OF A VERY HIGH PRESSURE NITROGEN PLASMA | ARL 67-1334 |
| INCOHERENT BACKSCATTER OBSERVATIONS OF SPORADIC F | AFOSR67-0800 |
| LEAD-RADAR LOWER ATMOSPHERIC OBSERVATIONS FINAL REPORT DEC 1966 | AFOSR67-0013 |
| LEAD-RADAR LOWER ATMOSPHERIC OBSERVATIONS FINAL REPORT NOV 1966 | AFOSR66-0586 |
| THE THOUGH SEEN IN HIGH LATITUDE OBSERVATIONS OF THE IONOSPHERIC ELECTRON CONTENT | AFOSR67-0175 |
| ANALYSIS OF ULTRAVIOLET SPECTROSCOPIC OBSERVATIONS (JULY) | AFOSR67-0091 |
| COMPARISON OF CHEMILUMINESCENT AND ULTRAVIOLET OBSERVATIONS OF OZONE | AFOSR67-0388 |
| PROPERTIES OF THE CORONA-BOUNDARY AND OBSERVATIONS OF PCP | AFOSR66-0618 |
| A COMPARISON OF SOLAR RADIO SPECTROSCOPY OBSERVATIONS 1955-1964 | AFOSR66-0191 |
| GEOPHYSICAL CONSTANT DETERMINATION FROM SATELLITE OBSERVATIONS FINAL REPORT JUNE 1967 | AFOSR67-0476 |
| OBSERVATION SYSTEM BIAS ESTIMATION FROM SATELLITE OBSERVATIONS FINAL REPORT AUG 1967 | AFOSR67-0439 |
| THE VELOCITY FIELD SURROUNDING SUNSPOTS AS DERIVED FROM OBSERVATIONS OF HA | AFOSR66-0202 |
| NEUTRAL ATMOSPHERIC TEMPERATURES FROM INCOHERENT SCATTER OBSERVATIONS | AFOSR66-1057 |
| A 2 ELECTRON VOLTS ARGON BEAM SCATTERING AT A SOLID SURFACE AND OBSERVATIONS OF RADIATION ACCOMPANYING THE BEAM | AFOSR66-2354 |
| THE ACTIVITY OF COPPER IN SOLID COPPER-PLATINUM ALLOYS AND SOME OBSERVATIONS ON THE ORDERING OF CUSUBPT | ARL 67-0247 |
| STATISTICAL DEPENDENCE BETWEEN RANDOM EFFECTS AND THE NUMBERS OF OBSERVATIONS ON THE EFFECTS FOR THE UNBALANCED | ARL 66-0052 |

OBSERVATIONS - CONTINUED

ANISOTROPIC PROPAGATION OF SOLAR PROTONS DEDUCED FROM SIMULTANEOUS OBSERVATIONS BY EARTH SATELLITES AND THE MARINER OBSERVATIONS OF THE SPATIAL STRUCTURE OF INTERSTELLAR HYDROGEN 1 HIGH-RESOLUTION OBSERVATIONS OF A SMALL REGION OF CERTAIN GENERAL PROPERTIES OF UNBIASED ESTIMATES OF LOCATION AND SCALE PARAMETERS BASED ON ORDERED OBSERVATIONS DESIGN OF A DIGITAL SIMULATION OF THE POLAR PLASMAPPER FOR CALCULATING AREAS OF ECHOES FROM RADAR WEATHER OBSERVATIONS

AFOSR67-1212
AFOSR68-1000
AFOSR68-1634
APCRL68-0341

OBSERVATORY

ARACINO (IONOSPHERIC) OBSERVATORY FINAL REPORT JAN 1967
ARACINO (IONOSPHERIC) OBSERVATORY
ARACINO (IONOSPHERIC) OBSERVATORY
STELLAR INTERFEROMETER AT NARRABRI OBSERVATORY
THE TOWER TELESCOPE OF THE OGLE SOLAR OBSERVATORY HARBESTUA
THE STELLAR INTERFEROMETER AT NARRABRI OBSERVATORY - I
THE STELLAR INTERFEROMETER AT NARRABRI OBSERVATORY - II THE ANGULAR DIAMETERS OF 15 STARS
THE STELLAR INTERFEROMETER AT NARRABRI OBSERVATORY FINAL REPORT JUNE 1968
RESEARCH ACTIVITIES AT THE SULPHUR CROCK OBSERVATORY, 1968-1967
A STATISTICAL SUMMARY OF SOLAR FLARE REPORTS AND OBSERVATORY PRACTICES FOR THE PERIOD 1959 - 1964
SOLAR RESEARCH AND DEVELOPMENT AT SACRAMENTO PEAK OBSERVATORY FINAL REPORT JAN 1967
NEAR SURFACE DISPERSION STUDIES AT TONTO FOREST SPINNOLOGICAL OBSERVATORY
SOLAR RESEARCH AND INSTRUMENTATION PROGRAMS AT SACRAMENTO PEAK OBSERVATORY AND HIGH ALTITUDE OBSERVATORY FINAL REPORT

AFOSR67-1114
AFOSR67-2037
AFOSR67-2307
AFOSR68-2398
APCRL68-0082
AFOSR68-1100
AFOSR68-1797
AFOSR68-1811
ARL 67-1098
APCRL67-0105
APCRL67-0106
AFOSR67-2090
APCRL67-0390

OBSERVED

INFRARED SOLAR SPECTRUM IN THE 1.10 REGION OBSERVED FROM A BALLOON BORNE SPECTROMETER
HIGH ALTITUDE ATMOSPHERIC TRANSMITTANCE AS OBSERVED OVER NORTHERN CALIFORNIA
NATURE OF THE ELECTRIC CONDUCTION TRANSIENTS OBSERVED IN RUTILE
SURFACE ASYMMETRY MECHANISM FOR FRACTIONAL ORDER PEAKS OBSERVED IN LEED BEAMS FROM METALS
HIGH ENERGY INTERACTIONS OF COSMIC RAYS GREATER THAN 1000 MEV OBSERVED AT 8000 M ABOVE SEA LEVEL
COSMIC-RAY RADIAL DENSITY GRADIENT AND ITS RIGIDITY DEPENDENCE OBSERVED AT SOLAR MINIMUM ON MARINER IV

AFCL68-0430
APCRL68-0808
ARL 67-1140
AFOSR67-2316
AFOSR68-2880
AFOSR67-2884

OBSERVER

AN OBSERVER MOVING IN THE 3 DEGREES K RADIATION FIELD
COMPENSATION FOR AUDITORY REARRANGEMENT IN THE ABSENCE OF OBSERVER MOVEMENT

AFOSR68-2888
AFOSR67-1234

OBSERVERS

ON OBSERVERS IN MULTI-VARIABLE CONTROL SYSTEMS

AFOSR68-2849

OBSERVING

SYSTEM FOR OBSERVING SMALL NONLINEARITIES IN TUNNEL JUNCTIONS
TESTS OF A METHOD FOR MAKING GEODETIC TIES BY OBSERVING A SATELLITE OPTICAL BEACON

AFOSR67-0669
APCRL67-0074

OBSTACLE

ON THE DIFFRACTION BY A KNIFE-EDGE OBSTACLE ON A CONDUCTING EARTH
THE THREE-DIMENSIONAL WAKE BEHIND AN OBSTACLE ON A FLAT PLATE

APCRL68-0373
AFOSR68-1686

OBTAINED

ROCS OBTAINED WITH TWO SIGNAL INTENSITIES PRESENTED IN RANDOM ORDER AND A COMPARISON BETWEEN YES-NO AND RATING ROCS
ANALYSIS OF LIDAR DATA OBTAINED UNDER CONDITIONS OF LOW CEILING AND VISIBILITY
ON THE TRAVEL TIMES OF P AS OBTAINED FROM THE NUCLEAR EXPLOSIONS BELLY AND SHOAL
THE ANALYSIS OF EXPERIMENTAL DATA OBTAINED FROM STABILITY STUDIES ON ELASTIC COLUMN AND PLATE STRUCTURES
PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY
PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY
COMBINED AND NONCOMBINED INTERCHANGE INSTABILITIES OBTAINED FROM NONLINEAR COMPUTER MODELS
A REVIEW OF THE APPLICABILITY OF THE SOUTHWELL PLOT TO THE INTERPRETATION OF TEST DATA OBTAINED FROM STABILITY STUDIES

AFOSR68-2878
APCRL68-0822
AFOSR67-2888
AFOSR67-1289
ARL 68-0260
ARL 68-0263
AFOSR67-0332
AFOSR67-1441

OBTAINING

ON OBTAINING THE TIME RESPONSE FROM THE EXTENDED LIENARD CONSTRUCTION
A METHOD OF OBTAINING THE IMPEDANCE OF AN ANTENNA IN A DISSIPATIVE MEDIUM FROM THAT IN AIR
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES. PART II. ASYMMETRICAL SOURCES.
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES PART I CIRCULARLY SYMMETRIC LIGHT
PROCEEDINGS OF THE WORKSHOP ON METHODS OF OBTAINING WINDS AND DENSITIES FROM RADAR METEOR TRAIL RETURNS

AFOSR68-2322
APCRL68-0049
ARL 67-0035
ARL 67-0036
APCRL68-0220

OCCULTATION

LUNAR OCCULTATION STUDIES OF FIVE WFAK RADIO SOURCES OF SMALL ANGULAR SIZE
LUNAR OCCULTATION STUDIES OF SIX WFAK RADIO SOURCES

AFOSR67-1730
AFOSR68-1121

OCCULTATIONS

LUNAR OCCULTATIONS OF THE RADIO SOURCES 3C15 3C245 AND 45H 12 PLUS 04

AFOSR67-2695

OCCURRENCE

OCCURRENCE AND SOME PROPERTIES OF DOPAMINE CONTAINING GRANULES IN THE SHEEP ADRENAL
A COMPARISON OF REPORTED SOLAR FLARE OCCURRENCE TIMES AND FLARE PATROL TIMES 1959-1964
INTRA- AND INTERHEMISPHERE DIFFERENCES IN OCCURRENCE TIMES OF HYDROMAGNETIC EMISSIONS

AFOSR68-1738
APCRL67-0605
APCRL67-0280

OCEAN

FLUCTUATING WINDS AND THE OCEAN CIRCULATION
SEISMICITY AND TECTONICS OF THE NORTHEAST PACIFIC OCEAN
CRUSTAL STUDY OF A CONTINENTAL STRIP FROM THE ATLANTIC OCEAN TO THE ROCKY MOUNTAINS

AFOSR67-2118
APCRL68-0385
AFOSR67-0316

OCEANIC

A SIMPLE LABORATORY MODEL FOR THE OCEANIC CIRCULATION
MECHANISM OF EARTHQUAKES AND NATURE OF FAULTING ON THE MID-OCEANIC RIDGES

AFOSR67-0981
APCRL67-0387

OCTACARBONYL

THE METAL-METAL BOND DISSOCIATION ENERGY IN CORALY OCTACARBONYL

AFOSR67-1463

OCTACARBONYLDICOBALT

THE NATURE OF THE PRODUCT FROM THE REACTION BETWEEN OCTACARBONYLDICOBALT AND BIS (TRIFLUOROMETHYL) OXYDIETHYLENE

AFOSR67-0604

OCTAHEDRAL

OCTAHEDRAL RESEARCH SATELLITE MARK III OVS-1 (ERS 27) FINAL REPORT APR 1968
INTRAMOLECULAR ISOMERIZATION OF OCTAHEDRAL COMPLEXES BY MECHANISMS NOT INVOLVING BOND RUPTURE

APCRL68-0268
ARL 67-0095

OCTAHEDRAL - CONTINUED

N.M.R. STUDIES OF OPTICAL INVERSION OF OCTAHEDRAL COMPLEXES

ARL 68-1367

OCTOPUS

CENTRIFUGAL PEEKERS TO THE RETINA OF OCTOPUS VULGARIS
THE PRODUCE LOOP A VISUO-MOTOR CENTRE IN OCTOPUS
CHANGES IN BODY WEIGHT AND INTAKE OF FOOD BY OCTOPUS VULGARIS
LATERAL INTERACTION AND TRANSFER IN THE TACTILE MEMORY OF THE OCTOPUS
THE EFFECTS ON LOCOMOTION OF LESIONS TO THE VISUO-MOTOR SYSTEM IN OCTOPUS
LEVELS OF RESPONSIVENESS TO FOOD ON ITS ABSENCE AND THE VERTICAL LOOP CIRCUIT OF OCTOPUS VULGARIS LAMARCK

AFOSR67-0132
AFOSR68-0293
AFOSR68-0191
AFOSR68-0287
AFOSR68-0492
AFOSR68-0291

OCTUPOLE

PLASMA DIAGNOSTIC TECHNIQUES IN A LINEAR OCTUPOLE

AFOSR68-179*

OCTYL

DIELECTRIC RELAXATION IN ISOMETRIC OCTYL ALCOHOLS
DIELECTRIC STUDY OF INTERMOLECULAR ASSOCIATION IN ISOMETRIC OCTYL ALCOHOLS

AFOSR68-2243
AFOSR68-226*

OCULOMOTOR

THE INFLUENCE OF OCULOMOTOR SYSTEMS ON VISUAL PERCEPTION

AFOSR68-2898

ODD-A

(PSUPPRTJUSC AND PSUPPRTJUSB STATES IN ODD-A NUCLEI FROM SUPPRTJUSC TO SUPPRTJUSC AICA

ARL 67-0045

ODOR

ODOR SENSING CELL ULTRASTRUCTURE BY ELECTRON MICROSCOPY FINAL REPORT OCT 1967
PERCEIVED INTENSITY OF ODOR AS A FUNCTION OF TIME OF ADAPTATION

AFOSR68-0035
AFOSR68-2556

ODORANTS

TELEMETERING OF SPIKE ACTIVITY DURING BEHAVIORAL RESPONSE TO ODORANTS

AFOSR68-1983

ODOPHAGEAL

REGIONAL DISTRIBUTION IN ODOPHAGEAL TEMPERATURE AND ITS USE IN LOCALIZING MEDIASTINAL ORGANS AND MONITORING CENTRAL

AFOSR67-0279

OFF-ENERGY-SHELL

OFF-ENERGY-SHELL T-MATRIX ELEMENTS FOR LOCAL POTENTIALS CONTAINING HARD CORES
ANALYTIC CONTINUATION OF THE OFF-ENERGY-SHELL SCATTERING AMPLITUDE

AFOSR68-2273
AFOSR67-2146

OFFICER

OFFICER TRAINING IN TRANSITION A PARTICIPANT-OBSERVER STUDY OF AN AIR FORCE ROTC SUMMER FIELD TRAINING UNIT
THE ROLE AND CAREER DEVELOPMENT OF THE SCIENTIFIC AND ENGINEERING OFFICER IN THE AIR FORCE

AFOSR68-1917
AFOSR68-0494

OFFSHORE

THE EAST COAST ONSHORE OFFSHORE EXPERIMENT I THE FIRST ARRIVAL PHASES FINAL REPORT MARCH 1967

AFOSR67-0852

OHMIC

ON THE MEASUREMENT OF SMALL DEVIATIONS FROM THE OHMIC LAW PART B FINAL REPORT MAY 1967

AFOSR67-2785

OHMS

OHMS LAW IN MULTICOMPONENT NONISOTHERMAL PLASMAS WITH TEMPERATURE AND PRESSURE GRADIENTS

AFOSR67-2694

OLEFINIC

ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XV NEW OLEFINIC AND ACETYLENIC DERIVATIVES OF TUNGSTEN

AFOSR67-0599

OLEFINS

WRIGHT-PATTERSON AFB OHIO HYDROSILYLATION OF OLEFINS
THE REACTION OF CHLOROSULFONYL ISOCYANATE WITH BRIDGED BI- AND TRICYCLIC OLEFINS
REACTIONS OF CARBON VAPOR IN REACTIONS OF METASTABLE CARBON ATOMS /SUPER 1 5/ WITH OLEFINS SUPER 1.2
THE THERMAL DECOMPOSITION OF ORGANOMETALLIC HEAVY METAL TRIHALOACETATES IN THE PRESENCE OF OLEFINS

ARL 67-0040
AFOSR68-0044
AFOSR68-2900
AFOSR68-1911

OLFACTION

OLFACTION IN MAMMALS

AFOSR68-0499

OLIGOMER

POLYMERIZATION OF 2,4-DIPHENYLPENTANE AN OLIGOMER OF POLYSTYRENE

AFOSR67-2535

OLIGOPHRENICS

A STUDY OF THE INDETERMINATE STAGE OF SLEEP IN OLIGOPHRENICS RELATIONSHIP WITH SPINDLES AND PARADOXICAL SLEEP

AFOSR67-2571

OMNIDIRECTIONAL

OMNIDIRECTIONAL ELECTROMAGNETIC ACCELEROMETER

AFRL 67-0470

ON-LINE

ON-LINE DEBUGGING TECHNIQUES A SURVEY
ON-LINE TYPEWRITER ACCESS TO CLASSIFICATION TABLES ON DRUM STORAGE
STUDY OF ON-LINE DATA ANALYSIS WITH A HYBRID COMPUTER FINAL REPORT JULY 1968
GRINS, AN ON-LINE STRUCTURE FOR THE NEGOTIATION OF INQUIRIES FINAL REPORT SPOT 1967
AN EXPERIMENTAL ON-LINE INFORMATION RETRIEVAL SYSTEM
DESIGN PRINCIPLES FOR AN ON-LINE INFORMATION RETRIEVAL SYSTEM
A PATTERN RECOGNITION MODEL FOR ON-LINE CURVE FITTING AN APPLICATION OF THRESHOLD THEORY
SPECIAL UTILITY PROGRAMS TO ENHANCE THE PERFORMANCE OF AN ON-LINE MEDIUM SIZE PROCESSOR USED FOR STATISTICAL

AFRL 67-0040
AFOSR68-1804
AFRL 68-0353
AFOSR68-1317
AFOSR68-1830
AFOSR67-0423
AFOSR68-0037
AFRL 68-0808

ON-OFF

SIMPLE GUY REGULATOR FOR ON-OFF THERMOSTATIC CONTROL

ARL 67-0109

| | |
|--|--------------|
| OPERANT | |
| OPERANT CONDITIONING OF EYE MOVEMENT IN THE MONKEY | AFOSR66-1650 |
| OPERANT REINFORCEMENT OF A SKELTALLY MEDIATED AUTONOMIC RESPONSE UNCOUPLING OF THE TWO RESPONSES | AFOSR66-2666 |
| OPERATED | |
| SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART I-THEORETICAL BACKGROUND AND APPLICATIONS | AFCL67-0392 |
| SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART II-PROGRAM MANUAL | AFCL67-0393 |
| OPERATING | |
| THE OPERATING HISTORY OF THE INTERNATIONAL SOLAR FLARE PATROL 1955-1964 | AFCL67-0135 |
| RECEIVER OPERATING CHARACTERISTICS DETERMINED UNDER SEVERAL INFRASOUND CONDITIONS OF LISTENING | AFOSR67-1561 |
| INVESTIGATION OF MAGNETRON DISPLAY OPERATING SYSTEM IMPROVEMENTS FINAL REPORT DEC 1965 | AFCL66-0501 |
| CHARACTERIZATION OF SPEECH SOURCES IN TERMS OF GENETIC OPERATING CHARACTERISTICS | AFCL67-0309 |
| OPERATION | |
| OPERATION OF A LONG PERIOD SPISMOGRAPH NETWORK UTILIZING MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON | AFCL67-0449 |
| OPERATION INSTRUCTIONS AND DESCRIPTION OF COMPUTER PROGRAM FOR FINITE DIFFERENCE SOLUTIONS OF THE LAMINAR COMPRESSIBLE | ARL 67-0098 |
| AMATEUR RADIO OPERATION IN THE SOVIET UNION | AFOSR67-0956 |
| THE DESIGN AND OPERATION OF A HIGH MACH NUMBER-REYNOLDS NUMBER FACILITY FINAL REPORT DECEMBER 1965 | ARL 66-0213 |
| A COMPUTER-LINKED RUNWAY FOR REAL TIME OPERATION | AFOSR67-1751 |
| PROPERTIES OF THE AUL MAGNETO PLASMA DEVICE PART I SYSTEM OPERATION AND PLASMA GENERATION FINAL REPORT MAY 1966 | ARL 66-0096 |
| LARGE VOLUME PULSED FIELD COILS APPLICATIONS TO SYNCHRONOUS PULSE OPERATION FROM 250 TO 500 KILOGAUSS | AFOSR67-2374 |
| INFRARED RADIATION AND SUPPRESSION FROM THE EXHAUST PLUME OF JET AIRCRAFT DURING AFTERBURNER OPERATION | ARL 66-1433 |
| OPERATIONAL | |
| OPERATIONAL ANALYSIS OF BEHAVIORAL SITUATIONS FINAL REPORT OCT 1966 | AFOSR66-2326 |
| CLOUD DETECTION CAPABILITY OF OPERATIONAL AN/TPO-11 RADAR SETS DURING 1964-1967 | AFCL66-0269 |
| ACTIVE RC DELAY NETWORKS USING OPERATIONAL AMPLIFIERS | AFCL67-0333 |
| RESEARCH IN NUMERICAL DYNAMICAL AND OPERATIONAL WEATHER FORECAST PROCEDURES FINAL REPORT APR 1966 | AFCL66-0206 |
| OPERATIONS | |
| INDEPENDENCE OF AFL OPERATIONS | AFCL67-0495 |
| INTERNAL SYMMETRY AND THE C P T OPERATIONS | AFOSR66-1349 |
| POSTNIKOV INVARIANTS AND HIGHER ORDER COHOMOLOGY OPERATIONS | AFOSR67-1461 |
| OPERATOR | |
| BOUND-STATE OPERATOR IN THE LEE MODEL | AFOSR66-2734 |
| THE OF THE INTEGRAL OPERATOR METHOD IN THE THEORY OF POTENTIAL SCATTERING | AFOSR67-1188 |
| THE RELATIVISTIC POSITION OPERATOR AT SUBATOMIC LEVEL | AFOSR67-1776 |
| ON THE INVERSE OF THE LYAPUNOV OPERATOR MAPPING THE SPACE OF MAX MATRICES INTO ITSELF | AFOSR67-0343 |
| PARTIAL DIFFERENTIAL EQUATIONS OPERATOR THEORY AND APPLICATIONS | AFOSR66-1579 |
| ON THE PROJECTION OF A SELF-ADJOINT OPERATOR | AFOSR66-1024 |
| AN INEQUALITY FOR THE REDUCED WAVE OPERATOR AND THE JUSTIFICATION OF GEOMETRICAL OPTICS | AFOSR66-1513 |
| ON THE POINT SPECTRUM OF A TOEPLITZ OPERATOR | AFOSR67-1209 |
| ON THE BARE PROBLEM FOR A COMPACT INTEGRAL OPERATOR | AFOSR67-2590 |
| ON A SURCLASS OF THREE-DIMENSIONAL HARMONIC FUNCTIONS DEFINED BY THE BERGMAN-WHITTAKER OPERATOR | AFOSR66-2596 |
| OPERATORS | |
| TENSOR OPERATORS AND MASS FORMULA IN THE MINIMAL EXTENSION OF U-SUB THREE BY CHARGE CONJUGATION | AFOSR67-2113 |
| NUMBER OPERATORS FOR REPRESENTATIONS OF THE CANONICAL COMMUTATION RELATIONS | AFOSR66-1370 |
| CURRENT OPERATORS AND MAJORANA EQUATION FOR THE HYDROGEN ATOM FROM DYNAMICAL GROUPS | AFOSR67-2134 |
| TOEPLITZ OPERATORS ON HUBB | AFOSR67-0748 |
| POSITION OPERATORS AND LOCALIZABILITY OF QUANTUM SYSTEMS | ARL 66-1096 |
| A NOTE ON THE OPERATORS ARISING IN SPLINE APPROXIMATION | AFOSR66-2015 |
| SINGULAR INTEGRAL OPERATORS ON A HALF-LINE | AFOSR67-1738 |
| CLASSES OF COMPACT OPERATORS AND EIGENVALUE DISTRIBUTIONS FOR ELLIPTIC OPERATORS | AFOSR66-1644 |
| INTERPOLATION THEOREMS FOR OPERATORS IN FUNCTION SPACES | AFOSR66-1953 |
| A DIFFERENCE INEQUALITY FOR OPERATORS IN HILBERT SPACE | ARL 67-1266 |
| ON SYMMETRIZABLE DIFFERENTIAL OPERATORS | AFOSR66-2656 |
| APPROXIMATION BY LINEAR POSITIVE OPERATORS | ARL 66-1241 |
| APPROXIMATION BY LINEAR POSITIVE OPERATORS | ARL 66-1242 |
| APPROXIMATION BY POSITIVE LINEAR OPERATORS | ARL 66-1247 |
| APPROXIMATION BY POSITIVE LINEAR OPERATORS | ARL 66-1246 |
| REPRESENTATIONS OF THE ALGEBRA OF ALL OPERATORS IN HILBERT SPACE AND RELATED ANALYTIC FUNCTION ALGEBRAS | AFOSR67-2848 |
| SOME INEQUALITIES INVOLVING TRACES OF OPERATORS | AFOSR66-2075 |
| BARRIERS ON CONES FOR UNIFORMLY ELLIPTIC OPERATORS | AFOSR67-2257 |
| THE DEGREE OF APPROXIMATION BY LINEAR POSITIVE OPERATORS | ARL 66-1250 |
| DIAGONAL COHERENT-STATE REPRESENTATION OF QUANTUM OPERATORS | AFOSR67-1491 |
| THE DEGREE OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS | ARL 66-0176 |
| THE DEGREE OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS | ARL 66-1259 |
| ON RELATIVELY BOUNDED PERTURBATIONS OF ORDINARY DIFFERENTIAL OPERATORS | AFOSR66-2382 |
| AN INEQUALITY FOR THE EIGENVALUES OF A CLASS OF SELF-ADJOINT OPERATORS | AFOSR67-2734 |
| LECTURE NOTES IN DIFFERENTIAL EQUATIONS SESSION 4 DIFFERENTIAL OPERATORS | AFOSR67-2306 |
| A LOWER BOUND FOR THE FIRST EIGENVALUE OF SECOND ORDER ELLIPTIC OPERATORS | AFOSR66-2001 |
| ON THE VARIATIONAL PRINCIPLES FOR EIGENVALUES FOR A CLASS OF UNBOUNDED OPERATORS | AFOSR66-0623 |
| CLASSES OF COMPACT OPERATORS AND EIGENVALUE DISTRIBUTIONS FOR ELLIPTIC OPERATORS | AFOSR66-1644 |
| ASYMPTOTIC FORMULAS WITH REMAINDER ESTIMATES FOR EIGENVALUES OF ELLIPTIC OPERATORS | AFOSR66-1332 |
| DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM OPERATORS MANUAL FINAL REPORT FEB | AFCL66-0130 |
| UNITARY AND ANTIUNITARY RAY REPRESENTATIONS OF THE PRODUCT OF N COMMUTING PARITY OPERATORS | AFOSR67-0700 |
| INEQUALITIES OF POINCARRE TYPE AND APPLICATIONS TO SINGULAR ELLIPTIC DIFFERENTIAL OPERATORS | AFOSR66-1278 |
| ASYMPTOTIC BEHAVIOR OF INTEGRALS CONNECTED WITH SPECTRAL FUNCTIONS OF HYPOELLIPTIC OPERATORS | AFOSR66-1907 |
| OPINION | |
| ATTENTION OF OPINION CHANGE AS A FUNCTION OF DIFFERENTIAL SOURCE CREDIBILITY | AFOSR66-2649 |
| OPTIC | |
| DEPOLARIZATION OF OPTIC FIBER ENDINGS IN THE LATERAL GENICULATE BODY | AFOSR66-2700 |
| THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE NUCLEUS AFTER STIMULATION OF VISUAL CORTX | AFOSR67-2639 |
| MODULATION OF TRANSMISSION OF OPTIC NERVE IMPULSES IN THE ALERT CAT: EVIDENCE OF PRESYNAPTIC INHIBITION OF PRIMARY | AFOSR67-0697 |
| ELECTROPHYSIOLOGICAL STUDY OF TECTAL RESPONSES TO OPTIC NERVE VOLLY | AFOSR67-2547 |
| RELATIONSHIP BETWEEN CORTICAL ACTIVITY AND THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE BODY | AFOSR67-2544 |
| OPTICAL | |
| OPTICAL INVESTIGATIONS OF THE ATMOSPHERE FINAL REPORT APR 1967 | AFCL67-0191 |
| OPTICAL INTERACTIONS IN RUBY LASERS FINAL REPORT FEB 1967 | AFCL67-0194 |
| OPTICAL SPECTROSCOPY OF SEMICONDUCTOR MATERIALS FINAL REPORT JUNE 1967 | AFCL67-0283 |
| OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND /OPTICAL AND ELECTRICAL PROPERTIES OF NON METALS/ FINAL REPORT FEB 1967 | AFCL67-0322 |

OPTICAL PROPERTIES OF ORGANIC CRYSTALS FINAL REPORT SEPT 1967
 OPTICAL AND ELECTRICAL PROPERTIES OF INSULATORS FINAL REPORT DEC 1967
 OPTICAL PROPERTIES OF AMMS IN THE FUNDAMENTAL ABSORPTION REGION
 OPTICAL ABSORPTION COEFFICIENTS OF VANADIUM PENTOXIDE SINGLE CRYSTALS FINAL REPORT MARCH 1967
 OPTICAL PROPERTIES OF SOLID RARE GASES AND THEIR ALLOYS (ABSTRACT ONLY)
 OPTICAL CONSTANT OF A MODEL SEMICONDUCTOR
 OPTICAL EXCITATION OF TRANSITION-METAL IONS VIA INTRAMOLECULAR ENERGY TRANSFER
 OPTICAL PROPERTIES OF ALPHA MANGANESE SULFIDE
 OPTICAL PARAMETERS FOR THE ELASTIC SCATTERING OF HELIUM-3 BY HELIUM-4
 OPTICAL IONIZATION-EXCITATION FUNCTIONS OF HELIUM BY ELECTRON IMPACT
 OPTICAL ANISOTROPY OF CHAIN MOLECULES THEORY OF OPOLARIZATION OF SCATTERED LIGHT WITH APPLICATION TO N-ALKANES
 OPTICAL STUDIES OF LOCALIZED MAGNONS AND EXCITONS
 OPTICAL EXTINCTION IN THE COLLOID SYSTEM NaCl-Na
 OPTICAL PUMPING IN ALKALI METAL VAPORS FINAL REPORT FEB 1968
 OPTICAL PURITY AND OPTICAL ROTATORY POWER OF DEMYDRONORCAMPOR
 OPTICAL MODEL CALCULATION OF THE ELECTRONIC STATES OF MIXED DISORDERED SYSTEMS
 OPTICAL RADAR AND PASSIVE OPTO-ELECTRONIC RANGING
 OPTICAL MEASUREMENT OF RADIAL DENSITY DISTRIBUTIONS IN A HIGH-SPEED CONFINED AIR VORTEX, FINAL REPORT DEC 1967
 OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET
 OPTICAL MIXING IN THE ATOMIC STATES OF A HE-NE LASER
 OPTICAL SPACE OBJECT IDENTIFICATION
 OPTICAL SYSTEMS FOR NIGHT TIME AIR-SEA WFSURE
 OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS
 OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS
 OPTICAL DENSITY MEASUREMENTS IN A HIGH SPEED CONFINED GASEOUS VORTEX
 OPTICAL PROPERTIES OF HIGH ENERGY GAP II-VI COMPOUNDS
 OPTICAL STUDIES OF DEEP ELECTRON TRAPS IN GAP
 OPTICAL PROPERTIES OF ALPHA - NMS
 THE OPTICAL ACTIVITY OF UNOILINS DERIVED FROM PHYCOPHYTHORILIN
 A FAST OPTICAL COUNTER SYSTEM FOR DIRECTIONAL STUDIES OF POSSIBLE GAMMA-RAY SOURCES
 OPTICAL OPTICAL RESONATORS AND PRISM WAVELENGTHS
 THEORY OF OPTICAL ABSORPTION BY DIATOMIC MOLECULES EMBEDDED IN RARE GAS CRYSTALS
 THEORY OF OPTICAL PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM
 NONLINEAR OPTICAL AND PHONON PARAMETRIC INTERACTIONS
 THERMAL OPTICAL ALPHA POTENTIALS FOR O₂ ALPHA REACTION CALCULATIONS BY THE DISTORTED-WAVE BORN APPROXIMATION
 STUDIES OF OPTICAL MATERIALS FINAL REPORT AUG 1967
 RESEARCH IN OPTICAL CONFERENCE FINAL REPORT DEC 1968
 RESEARCH IN OPTICAL CONFERENCE FINAL REPORT DEC 1967
 HIGH-STRESS OPTICAL MICROSCOPY IN PURE AND DEGENERATE N-TYPE GERMANIUM
 DYNAMICS OF OPTICAL MIXING IN A HE-NE LASER
 COMMENTS ON OPTICAL RADAR AND PASSIVE OPTO-ELECTRONIC RANGE FINDING
 WAVELENGTH OPTICAL INTERFERENCE OF LASER INDUCED DISCHARGES IN HIGH PRESSURE GASES
 MAGNETIC AND OPTICAL MEASUREMENTS ON IODINE GROUP IMPURITIES IN II-VI COMPOUNDS AT CRYOGENIC TEMPERATURE
 STIMULATION OF OPTICAL EMISSIONS IN ATMOSPHERIC GASES FINAL REPORT DEC 1966
 DETERMINATION OF OPTICAL EXCITATION CROSS SECTIONS IN ATOMIC COLLISIONS FINAL REPORT FEB 1967
 EXCITONS AND THE OPTICAL PROPERTIES OF THE ALKALI HALIDES / ABSTRACT ONLY/
 OBSERVATION OF THE OPTICAL PROPERTIES OF ORBITING SATELLITES
 N.M.M. STUDIES OF OPTICAL INVERSION OF OCTAHEDRAL COMPLEXES
 OPTICAL PURITY AND OPTICAL ROTATORY POWER OF DEMYDRONORCAMPOR
 THE ELECTRICAL AND OPTICAL PROPERTIES OF REFRACTORY OXIDES FINAL REPORT DECEMBER 1968
 CRYSTAL GROWTH AND OPTICAL PROPERTIES OF II-VI MATERIALS
 FURTHER RESEARCH ON OPTICAL TRANSMISSION LINES
 CORRELATION BETWEEN OPTICAL AND RADIO EMISSION FROM EXTENSIVE AIR SHOWERS AT LARGE ZENITH ANGLES
 SOME ELECTRICAL AND OPTICAL EFFECTS OF DISLOCATIONS IN SEMICONDUCTORS
 QUANTUM THEORY OF AN OPTICAL MASER I. GENERAL THEORY
 QUANTUM THEORY OF AN OPTICAL MASER II. SPECTRAL PROFILE
 A AND M PHYSICAL AND OPTICAL OBSERVATIONAL SPECTROSCOPY AND BREAKDOWN
 FINE STRUCTURE IN THE OPTICAL ABSORPTION EDGE OF Zn SUBSIDIARY-A SOLID SOLUTIONS
 TERNARY DETECTION IN AN OPTICAL POLARIZATION MODULATION COMMUNICATION CHANNEL
 PROPERTIES OF HIGH-PRESSURE OPTICAL CRYSTALS
 ELECTRIC-FIELD INDUCED OPTICAL ROTATION IN CHOLESTERIC LIQUID CRYSTALS
 RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION
 RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION
 NUMERICAL RESTORATION OF OPTICAL OBJECTS OBSCURED BY DIFFRACTION AND NOISE
 ELECTRONIC STRUCTURE AND OPTICAL PROPERTIES OF MIXED CRYSTALS
 ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF CRYSTALS
 ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF SILICON CARBIDE
 ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF GEF₂, SNT₂, PHS₂, PRSE AND PRTE
 COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE THEORY
 COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE THEORY
 DETERMINATION OF RATES OF OPTICAL INVERSE OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NUCLEAR MAGNETIC RESONANCE
 SHAPE MEASUREMENT OF SMALL OPTICAL PARTICLES FINAL REPORT APR 1967
 SPECTROSCOPIC DERIVATIVE OPTICAL SPECTROSCOPY PART II EXPERIMENTAL
 INVESTIGATION OF THIN-FILM OPTICAL TRANSMISSION LINES FINAL REPORT FEB 1968
 ABSOLUTE CONFIGURATION AND OPTICAL ROTATORY DISPERSION OF METHYL ALKYL SULFOXIDES
 APPROXIMATE MEASUREMENTS OF OPTICAL SECOND-HARMONIC GENERATION IN AMMONIUM DIHYDROGEN PHOSPHATE AND CALCITE
 ON THE COMPLEXITY OF X-RAY AND OPTICAL POLARIZATION IN AIRBORNE
 RESEARCH AND INVESTIGATION OF OPTICAL PROPERTIES OF SEMI CONDUCTING CRYSTALS FINAL REPORT MARCH 1967
 WEIGHTS AND COMPOSITION OF RELATED OPTICAL DIFFRACTION GRATINGS FROM SINGLE CRYSTAL MATERIALS
 MAGNETIC ELECTRON SPIN-RESONANCE OPTICAL AND STRUCTURAL STUDIES OF THE ISOMORPHOUS SERIES SODIUM SCANDIUM-IRON
 HOW NATURE HAS SOLVED A DIFFICULT OPTICAL PROBLEM /SWEDISH/
 MODE-LOCKING AND MODE PROPERTIES OF OPTICAL LASERS FINAL REPORT MAR 1967
 HIGH-STABILITY PHOTOMETER UTILIZING OPTICAL FEEDBACK
 MODULATION AND DETECTION OF COHERENT OPTICAL RADIATION FINAL REPORT FEB 1967
 VALIDITY OF THE WKB APPROXIMATION IN OPTICAL PROPAGATION CALCULATIONS
 OPTIMIZATION OF INFORMATION-PROCESSING OPTICAL SYSTEMS BY TRANSCORRELATION-FUNCTION MAXIMIZATION
 HIGHER-ANGLE REFLECTION SPECTRUM FOR OPTICAL RESONANCES
 INVESTIGATION OF ALLYL PHOSPHINATES AND OPTICAL STABILITY OF ALLYL PHOSPHINE OXIDES
 OPTICALLY ENHANCED STUDIES IN IMAGING AND OPTICAL FIBER
 OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND OPTICAL AND ELECTRICAL PROPERTIES OF NON METALS / FINAL REPORT FEB 1967
 FIELD DISTRIBUTION IN COS AS DETERMINED BY AN OPTICAL PROBE
 INVESTIGATIONS OF SOME IONIC CRYSTALS BY ESR AND OPTICAL METHODS FINAL REPORT SEPT 1968
 INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
 INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
 INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION
 OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET
 OPTICAL STUDIES IN THE FIELD OF SOLAR RADIATION AS WELL AS OPTICAL SUNSPOT PHENOMENA FINAL REPORT APR 1967
 HIGH-PRESSURE EFFECTS FOR THE STUDY OF VIBRATIONAL AND OPTICAL PROPERTIES OF IMPURITY ATOMS IN CRYSTALS
 INFLUENCES OF DYNAMICAL MOTIONS OF THE HOT SATELLITE VIA OPTICAL TECHNIQUES
 INVESTIGATION OF ORDERED MAGNETIC STATES AND THEIR CORRELATIONS TO OPTICAL AND ELECTRICAL PROPERTIES OF SELECTED
 TESTED IN A METHOD FOR MAKING GEOMETRIC TIES BY OBSERVING A SATELLITE OPTICAL REASON
 DIAGNOSIS OF SPACECRAFT SURFACE PROPERTIES AND DYNAMICAL MOTIONS BY OPTICAL PHOTOMETRY
 THE INFLUENCE OF IRRADIATION AND ANNEALING OF N-TYPE GERMANIUM EFFECTS OF OPTICAL BLEACHING
 LUMINOUS AND RESONANCE SCATTERING OF LATTICE WAVES DUE TO POINT DEFECTS OPTICAL AND THERMAL PROPERTIES OF IMPERFECT
 CONSTITUTIONAL CORRELATION OF PHOSPHINATES BY NUCLEAR MAGNETIC RESONANCE AND OPTICAL ROTATORY DISPERSION
 DETERMINING THE DEGREE OF AMBIGUITY IN POINT TEMPERATURES AS MEASURED BY AN OPTICAL DEW POINT SENSOR

APCAL67-0585
 APCAL68-0363
 AFOSR67-0237
 AFOSR67-0786
 AFOSR67-1384
 AFOSR67-1444
 AFOSR67-1519
 AFOSR67-1793
 AFOSR67-2188
 AFOSR67-2646
 AFOSR68-0260
 AFOSR68-0882
 AFOSR68-1540
 AFOSR68-1768
 AFOSR68-2234
 AFOSR68-2391
 ARL 67-0212
 ARL 67-0234
 ARL 67-0241
 ARL 67-0264
 ARL 67-1099
 ARL 67-1323
 ARL 68-0139
 ARL 68-0184
 ARL 68-0315
 ARL 68-1055
 ARL 68-1360
 ARL 68-1476
 AFOSR68-0513
 AFOSR68-2725
 AFOSR67-0232
 APCAL68-0420
 AFOSR68-1732
 ARL 68-1440
 ARL 68-1485
 APCAL67-0487
 AFOSR67-1116
 AFOSR68-0880
 AFOSR68-0884
 ARL 68-0023
 ARL 68-0262
 AFOSR67-1570
 ARL 67-1203
 APCAL67-0058
 AFOSR67-0940
 AFOSR67-1366
 ARL 67-1050
 ARL 68-1302
 AFOSR68-2234
 ARL 68-0221
 ARL 68-1060
 AFOSR67-1113
 AFOSR67-1324
 AFOSR68-0586
 AFOSR68-0117
 AFOSR68-1097
 AFOSR68-2309
 ARL 68-0305
 AFOSR67-1472
 AFOSR68-1050
 AFOSR68-2070
 APCAL67-0207
 APCAL68-0186
 APCAL67-0070
 ARL 68-1054
 ARL 68-1411
 ARL 68-1413
 ARL 68-1419
 APCAL67-0340
 AFOSR67-1731
 ARL 67-0224
 APCAL67-0289
 AFOSR67-1656
 AFOSR68-0583
 AFOSR68-120
 AFOSR67-1401
 AFOSR67-2531
 ARL 67-0042
 AFOSR68-0333
 AFOSR68-1477
 AFOSR67-0902
 APCAL67-0084
 AFOSR68-0364
 AFOSR68-0266
 AFOSR67-0484
 AFOSR68-2023
 ARL 68-0251
 AFOSR68-1592
 AFOSR68-2012
 APCAL67-0322
 APCAL67-0350
 APCAL68-0614
 APCAL68-0122
 APCAL68-0302
 APCAL68-0447
 ARL 67-0241
 APCAL67-0508
 AFOSR68-0997
 ARL 68-1086
 APCAL67-0593
 APCAL67-0074
 ARL 68-1344
 APCAL68-0214
 AFOSR68-1094
 AFOSR67-2413
 APCAL67-0147

OPTICAL - CONTINUED

| | |
|---|--------------|
| THE PREPARATION OF β -NAPHTHYL-1- β -NAPHTHYL/ETHYLAMINE AND THE DETERMINATION OF ITS OPTICAL PURITY BY NUCLEAR | AFOSR66-1490 |
| THE BASIC LIMITATIONS IN THERMAL IMAGE DETECTION AS AFFECTED BY COOLING, SPECTRAL MATCHING, THE OPTICAL SYSTEM AND | ARL 66-1487 |
| OPTICAL-MECHANICAL | |
| DEGRADATION OF IMAGERY FROM OPTICAL-MECHANICAL SCANNERS MOISTURE CONDENSATION ON OPTICS | AFCL67-0308 |
| OPTICAL-MODEL | |
| OPTICAL-MODEL ANALYSIS OF THE SULPHUR-32-ALPHA ALPHA SULPHUR-32 ELASTIC SCATTERING FROM 10.0 TO 17.5 MEV | AFOSR66-1282 |
| AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON SCATTERING - HEAVY NUCLEI | AFOSR66-1119 |
| AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON SCATTERING LIGHT NUCLEI | AFOSR66-1725 |
| AMBIGUITIES IN THE OPTICAL-MODEL ANALYSIS OF ALPHA-PARTICLE SCATTERING | AFOSR67-2101 |
| OPTICAL/IR | |
| WIDESPREAD OPTICAL/IR EFFECTS FROM HIGH ALTITUDE DETONATIONS /U/ FINAL REPORT AUG 1967 | AFCL67-0542 |
| OPTICALLY | |
| OPTICALLY ACTIVE SILICON COMPOUNDS AND THEIR REACTIONS | ARL 67-1242 |
| OPTICALLY ACTIVE SILANES AND THEIR REACTIONS- THE PERHYDROMETHYL-L-NAPHTHYL-PHENYLSILYL SYSTEM | ARL 66-0346 |
| AN OPTICALLY PURE SEQUENCE PEPTIDE POLY GLY GLY PHE | AFOSR67-0537 |
| AN OPTICALLY TRANSPARENT THIN LAYER ELECTROCHEMICAL CELL | AFOSR66-0209 |
| THE SYNTHESIS OF OPTICALLY ACTIVE SULPHOXIDES FROM SULPHINAMIDES | AFOSR66-1489 |
| SYNTHESIS AND ABSOLUTE CONFIGURATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES AND PHOSPHINATES | AFOSR66-2496 |
| A NEW ROUTE TO THE PREPARATION AND CONFIGURATIONAL CORRELATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES | AFOSR67-2379 |
| THE ABSOLUTE CONFIGURATION OF METHYL ALLYL SULFOXIDE STEREOCHEMISTRY OF THE GRIGNARD SYNTHESIS OF OPTICALLY ACTIVE | AFOSR67-0680 |
| OPTICS | |
| MODERN OPTICS DIRECTED TO FLOW VISUALIZATION APPLICATIONS | ARL 67-1225 |
| A TRANSIENT FIBER OPTICS PROBE FOR SPACE RESOLVED DIAGNOSTICS OF DENSE PLASMAS | AFOSR67-0834 |
| APPLICATION OF GEOMETRICAL OPTICS TO THE DESIGN AND ANALYSIS OF MICROWAVE ANTENNAS | AFCL67-0501 |
| DEGRADATION OF IMAGERY FROM OPTICAL-MECHANICAL SCANNERS MOISTURE CONDENSATION ON OPTICS | AFCL67-0398 |
| AN INEQUALITY FOR THE REDUCED WAVE OPERATOR AND THE JUSTIFICATION OF GEOMETRICAL OPTICS | AFOSR66-1513 |
| OPTIMAL | |
| OPTIMAL ADJUSTED CONTROL WITH LINEAR STOCHASTIC EQUATIONS AND QUADRATIC COST | AFOSR67-0327 |
| OPTIMAL CONTROL OF DISCRETE-TIME STOCHASTIC SYSTEMS | AFOSR67-0366 |
| OPTIMAL CONTROL PROBLEMS AS EXTREMAL PROBLEMS IN A BANACH SPACE | AFOSR67-0377 |
| OPTIMAL CONTROL OF CONTINUOUS-TIME STOCHASTIC SYSTEMS | AFOSR67-0424 |
| OPTIMAL ADAPTIVE FILTER REALIZATIONS FOR SAMPLE STOCHASTIC PROCESSES WITH AN UNKNOWN PARAMETER | AFOSR67-1586 |
| OPTIMAL COOPERATIVE REMOVEDNESS OF LINEAR SINGLE INPUT SYSTEMS | AFOSR67-1592 |
| OPTIMAL STATIONARY CONTROL OF A LINEAR SYSTEM WITH STATE-DEPENDENT NOISE | AFOSR67-2299 |
| OPTIMAL APPROXIMATION | AFOSR67-2553 |
| OPTIMAL FILTERING FOR COOPLATED NOISE | AFOSR67-2890 |
| OPTIMAL DISCOUNTED STOCHASTIC CONTROL FOR DIFFUSION PROCESSES | AFOSR66-0180 |
| OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT PROCESSES - PART I | AFOSR66-0917 |
| OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT PROCESSES - PART II | AFOSR66-0918 |
| OPTIMAL TIME ALLOCATION ON COMPLEX TASKS | AFOSR66-1192 |
| OPTIMAL SIGNAL DESIGN FOR SEQUENTIAL SIGNALING OVER A CHANNEL FEEDBACK | AFOSR66-1975 |
| OPTIMAL NON-RESETTING DATA RECONSTRUCTION | AFOSR66-2025 |
| OPTIMAL UNSUPERVISED LEARNING MULTICATEGORY DEPENDENT HYPOTHESES PATTERN RECOGNITION | AFOSR66-2032 |
| OPTIMAL TUNING OF PROPORTIONAL DIGITAL CONTROLLERS | AFOSR66-2441 |
| OPTIMAL MATCHING A NEW APPROACH TO THE MATCHING PROBLEM FOR REAL LINEAR TIME-INVARIANT ONE-PORT NETWORKS | AFOSR66-2462 |
| OPTIMAL FILTERING FOR GAUSS-MARKOV NOISE | AFOSR66-2601 |
| OPTIMAL STATION KEEPING AT THE L4 LIBRATION POINT | ARL 67-1009 |
| TIME OPTIMAL ATTITUDE CONTROL OF A SPINNING VEHICLE FINAL REPORT MAR 1967 | SRL 67-0004 |
| LINEAR OPTIMAL CONTROL PROBLEMS WITH ISOPERIMETRIC CONSTRAINTS | AFOSR67-1458 |
| ASYMPTOTICALLY OPTIMAL TESTS FOR MULTINOMIAL DISTRIBUTIONS | AFOSR67-0681 |
| FOUNDATIONS OF OPTIMAL CONTROL THEORY | AFOSR66-0688 |
| ASYMPTOTICALLY OPTIMAL DISCRIMINANT FUNCTIONS FOR PATTERN RECOGNITION | AFOSR66-0381 |
| DISCRETE LINEAR OPTIMAL CONTROL SYSTEMS WITH ESSENTIALLY QUADRATIC COST FUNCTIONALS | AFOSR67-0296 |
| LINEAR DISCRETE OPTIMAL SYSTEMS WITH SIDE CONSTRAINTS | AFOSR67-1777 |
| TECHNIQUES FOR THE OPTIMAL DESIGN AND SYNTHESIS OF SWITCHING CIRCUITS | AFOSR66-2006 |
| ON LINE SOLUTION OF OPTIMAL NONSTATIONARY LINEAR SYSTEMS | AFOSR66-0289 |
| THE STRUCTURE OF THE OPTIMAL TRACKING PROBLEM FOR DISTRIBUTED-PARAMETER SYSTEMS | AFOSR66-1826 |
| CONVEX PROGRAMMING AND OPTIMAL CONTROL | AFOSR66-0300 |
| DYNAMICAL EQUATIONS FOR OPTIMAL NONLINEAR FILTERING | AFOSR67-1352 |
| NECESSARY CONDITIONS FOR OPTIMAL SINGLE IMPULSE TRANSFER | AFOSR67-0358 |
| THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED PARAMETER SYSTEMS - I | AFOSR66-0533 |
| THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED PARAMETER SYSTEMS - II | AFOSR66-0544 |
| COMPUTATIONAL ALGORITHMS IN OPTIMAL CONTROL | AFOSR67-1678 |
| DISCRETIZATION SCHEMES AND THE OPTIMAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS | AFOSR66-2030 |
| RECURSIVE COMPUTATIONS FOR THE OPTIMAL TRACKING OF TIME-VARYING PARAMETERS | AFOSR66-2541 |
| ON A NEW COMPUTING TECHNIQUE IN OPTIMAL CONTROL THEORY AND THE MAXIMUM PRINCIPLE | AFOSR66-0919 |
| SOME EXISTENCE THEOREMS FOR LINEAR OPTIMAL CONTROL PROBLEMS | AFOSR67-2426 |
| EXISTENCE THEOREMS FOR MULTIDIMENSIONAL PROBLEMS OF OPTIMAL CONTROL | AFOSR66-2145 |
| APPLICATION OF GAME THEORY TO THE SENSITIVITY DESIGN OF OPTIMAL SYSTEMS | AFOSR67-1517 |
| ON THE COMPARISON OF THE SENSITIVITIES OF OPEN-LOOP AND CLOSED-LOOP OPTIMAL CONTROL SYSTEMS | AFOSR66-1966 |
| EXISTENCE THEOREMS FOR LAGRANGE AND PONTRYAGIN PROBLEMS OF THE CALCULUS OF VARIATIONS AND OPTIMAL CONTROL MORE | AFOSR66-1931 |
| OPTIMALLY | |
| REPLY TO TRANSDUCER POWER GAIN IN OPTIMALLY MATCHED NETWORKS | AFOSR66-2843 |
| OPTIMISATION | |
| NATURE AND OPTIMISATION OF THE GROUND-LATERAL-WAVE EXCITED BY SUBMERGED ANTENNAS | AFOSR67-1862 |
| RECENT STUDIES IN OPTIMISATION FOR ELASTIC STABILITY OF CYLINDRICAL AND CONICAL SHELLS | AFOSR66-1787 |
| OPTIMIZATION | |
| OPTIMIZATION OF PERFORMANCE INDICES IN DISCRETE ARRAY SYSTEMS FINAL REPORT NOV 1967 | AFCL67-0650 |
| OPTIMIZATION PROBLEMS IN POWERED SPACE FLIGHT | AFOSR67-0204 |
| OPTIMIZATION OF THE CRITICAL INSTRUMENTAL PARAMETERS FOR ACHIEVING MAXIMUM SENSITIVITY AND PRECISION IN | AFOSR66-0354 |
| OPTIMIZATION OF AN X-RAY INTERFEROMETER FOR PLASMA DIAGNOSTICS | AFOSR66-1004 |
| OPTIMIZATION OF THE DETECTABILITY OF ARRAY RECEIVING SYSTEMS | AFOSR66-1180 |
| OPTIMIZATION OF INFORMATION-PROCESSING OPTICAL SYSTEMS BY TRANSCORRELATION-FUNCTION MAXIMIZATION | AFOSR66-2023 |
| OPTIMIZATION OF DISCRETE-TIME SYSTEMS WITH CONFINED MODULATION | AFOSR66-2694 |
| OPTIMIZATION OF CHANNEL TRANSFER | ARL 67-1052 |
| OPTIMIZATION OF A SCRAMJET CONFIGURATION | ARL 67-1066 |
| OPTIMIZATION OF ARC RADIATION SOURCES | ARL 66-1137 |
| GAIN OPTIMIZATION FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM FLUCTUATIONS | AFCL67-0489 |

| | |
|---|---|
| TRAJECTORY OPTIMIZATION TECHNIQUES
RESEARCH IN OPTIMIZATION THEORY AND SPACE APPLICATIONS FINAL REPORT APRIL 1966
ANTENNA SYSTEM OPTIMIZATION BY TRANSCONFERENCE FUNCTION MAXIMIZATION THEORY
ANTENNA SYSTEM OPTIMIZATION BY TRANSCONFERENCE FUNCTION MAXIMIZATION APPLICATIONS
STUDY OF FCN ANTENNA OPTIMIZATION FINAL REPORT MAR 1967
STUDY OF FCN ANTENNA OPTIMIZATION /U/ FINAL REPORT MAR 1967
COMPARATIVE STUDY OF OPTIMIZATION TECHNIQUES FOR SHOCK AND VIBRATION ISOLATION
ON THE FEASIBILITY AND OPTIMIZATION OF LINEAR FREQUENCY MODULATION IN DIGITAL SIGNALING
HYPERSONIC LIFTING BODY OPTIMIZATION
RAYLEIGH APPROACH TO THE OPTIMIZATION OF ADAPTIVE SYSTEMS
SOME TECHNIQUES FOR ALGORITHM OPTIMIZATION WITH APPLICATION TO MATRIX ARITHMETIC EXPRESSIONS
STUDY OF APPLICATION OF ANTENNA OPTIMIZATION TECHNIQUES FINAL REPORT NOV 1967
GENERAL NECESSARY CONDITIONS FOR OPTIMIZATION PROBLEMS
MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION IN A FIXED DOMAIN AND AN APPLICATION TO A PROBLEM OF
AN ABSTRACT FRAMEWORK FOR THE THEORY OF PROCESS OPTIMIZATION
A SOLUTION FOR A CLASS OF PROBLEMS OF LINEAR SYSTEM OPTIMIZATION /ITALIAN/
INVARIANT INCLUSION AND THE COMPUTATIONAL SOLUTION OF OPTIMIZATION AND ESTIMATION PROBLEMS
A GENERALIZED STEEPEST DESCENT ALGORITHM FOR MULTISTAGE OPTIMIZATION PROCESSES FINAL REPORT JUNE 1968
SOME SPACES AND MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS II GENERAL THEORY
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS III APPLICATIONS | AFOSR67-1377
AFOSR68-1030
AFCL67-0180
AFCL67-0180
AFCL67-0348
AFCL67-0348
AFOSR68-0242
AFOSR68-1861
ARL 68-1383
AFOSR68-0361
AFOSR68-2641
AFCL67-0832
AFOSR67-0148
AFOSR68-1967
AFOSR67-0777
AFOSR68-0876
AFOSR68-2046
ARL 68-0908
AFOSR68-2007
AFOSR67-0046
AFOSR67-0431
AFOSR67-1202 |
| OPTIMIZING
A TECHNIQUE OF OPTIMIZING DECISION-DIRECTED CHANNEL MEASUREMENTS FOR COHERENT DETECTION | AFOSR67-1590 |
| OPTIMUM
OPTIMUM SMOOTHING OF AERIAL GRAVITY MEASUREMENTS
OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM ERRORS
OPTIMUM LINEAR INTERPOLATION OF SAMPLED FUNCTIONS
OPTIMUM SPACE-TIME SIGNAL PROCESSING AND PARAMETER ESTIMATION
OPTIMUM QUADRATIC DETECTION OF A RANDOM VECTOR IN GAUSSIAN NOISE
OPTIMUM PROPULSION OF AN OSCILLATING HYDROFOIL
OPTIMUM CRITICAL IMPULSE FOR SHAP-THROUGH IN SYSTEMS OF ONE DEGREE OF FREEDOM
OPTIMUM FILTERING AND CONTROL OF RANDOMLY SAMPLED SYSTEMS
OPTIMUM LINEAR TRANSMISSION OF ANALOG DATA FOR CHANNELS JANUARY 1968
OPTIMUM QUADRUPEL CREEPING GAITS
OPTIMUM SAMPLING FOR MINIMUM ENERGY SAMPLED DATA FEEDBACK CONTROL SYSTEMS
OPTIMUM SYSTEMS CONTROL
OPTIMUM TRANSIENT RESPONSE IN DAMPED LINEAR SYSTEMS
ON OPTIMUM RIDGES AND REMOVEDS IN HYPERSONIC VISCOUS FLOW
IN OPTIMUM SPACE DIVERSITY RECEPTION OF CORRELATED MULTIPATH
AN OPTIMUM DECISION-DIRECTED SCHEME FOR GAUSSIAN MIXTURES
ON THE OPTIMUM SYNTHESIS OF STATISTICAL COMMUNICATION NETS-PSEUDO PARAMETRIC TECHNIQUES
A SEARCH FOR OPTIMUM METHOD FOR THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS
RELIABILITY AND OPTIMUM DESIGN OF THE INTERCONNECTIONS OF A POWER SYSTEM
THE SELECTION OF OPTIMUM CONDITIONS FOR SPECTROCHEMICAL METHODS III SENSITIVITY OF ATOMIC FLUORESCENCE ABSORPTION AND
INVESTIGATION OF OPTIMUM LIFTING BODIES
ITERATIVE COMPUTATION PROCEDURES FOR AN OPTIMUM CONTROL PROBLEM
SUFFICIENCY PROOF FOR THE PROBLEM OF THE OPTIMUM TRANSVERSAL CONTOUR
LARGE AND SMALL SCALE SENSITIVITY ANALYSIS OF OPTIMUM ESTIMATION ALGORITHMS
ERROR BOUNDS FOR CONVOLUTIONAL CODES AND AN ASYMPTOTICALLY OPTIMUM DECODING ALGORITHM | AFCL67-0169
AFCL67-0310
AFCL67-0807
AFCL68-0464
AFOSR67-0734
AFOSR67-1153
AFOSR67-1511
AFOSR68-0755
AFOSR68-1158
AFOSR68-1846
AFOSR68-2048
AFOSR68-2232
AFOSR68-2427
AFOSR67-2840
AFOSR68-1657
AFOSR68-2225
AFOSR68-0543
AFOSR68-0011
AFOSR67-1708
AFOSR67-1920
ARL 67-1081
AFOSR67-0830
AFOSR67-1596
AFOSR68-2027
AFOSR67-1927 |
| OPTO-ELECTRONIC
COUPLING OF OPTO-ELECTRONIC DEVICES BY A THIN-FILM TRANSMISSION LINE
OPTICAL RADAR AND PASSIVE OPTO-ELECTRONIC RANGING
COMMENTS ON OPTICAL RADAR AND PASSIVE OPTO-ELECTRONIC RANGE FINDING.
ANALYSIS OF SPECTROGRAPHIC PLATED IN SEMICONDUCTOR RESEARCH BY OPTO-ELECTRONIC PROCESSING. | AFOSR67-0209
ARL 67-0212
ARL 68-0262
ARL 68-0258 |
| OPTOMOTOR
OPTOMOTOR REACTION LOCOMOTORIC DIAS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCOPELTUS AND THE BEETLE ZOPHOBAS
OPTOMOTOR REACTION LOCOMOTORIC DIAS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCOPELTUS AND THE BEETLE ZOPHOBAS | AFOSR67-1344
AFOSR68-1691 |
| ORAL
AN ORAL EXPERIMENT ON RETRIEVAL DIALOGUE | AFOSR68-1636 |
| ORBIT
ORBIT PERTURBATIONS OF ARTIFICIAL EARTH SATELLITES AS FUNCTIONS OF GRAVITY ANOMALIES AND DIFFERENTIAL CORRECTIONS OF
A REFERENCE ORBIT USEFUL IN INTEGRATING BETWEEN ACTIVITY SPHERES
WIDE BAND /VISUAL SPECTRUM/ PHOTOELECTRIC PHOTOMETRY OF PAGES DURING ITS FIRST FIFTEEN MONTHS IN ORBIT | AFCL68-0163
AFOSR67-1170
ARL 68-1140 |
| ORBITAL
ORBITAL WAVEFUNCTIONS FOR ETHANE METHYL ALCOHOL AND HYDROGEN PEROXIDE
MOLECULAR ORBITAL STUDIES OF THE GROUND AND LOW-LYING EXCITED STATES OF THE HELIUM HYDRIDE MOLECULAR ION
OPTIMIZATION OF ORBITAL TRANSFER
DISCUSSION OF MOLECULAR ORBITAL AND BAND-THEORY CALCULATIONS
OPEN-SHELL HARTREE-FOCK MOLECULAR ORBITAL THEORY OF TRANSITION METAL ION COMPLEXES /KNIFE/ POTASSIUM NICKEL FLUORIDE
CORRECTION TO THE ENERGY OF A CRYSTAL IN THE /ALTERNATE MOLECULAR ORBITAL/ APPROXIMATION | AFOSR67-2469
AFOSR68-2080
ARL 67-1052
ARL 68-1406
AFOSR67-1633
AFOSR67-1970 |
| ORBITALS
APPROXIMATE NATURAL ORBITALS FOR CARBON SUPER 13 | AFOSR68-1129 |
| ORBITING
PHOTOELECTRIC STUDY OF ORBITING SPACECRAFT
OBS-STUDY OF THE OPTICAL PROPERTIES OF ORBITING SATELLITES
MEASUREMENT OF PRIMARY AND ALBEDO COSMIC RAYS ON A POLAR ORBITING SATELLITE | ARL 67-1057
ARL 67-1060
AFOSR67-2526 |
| ORBITS
ORBITS IN THE COPENHAGEN PROBLEM ASYMPTOTIC AT LEAST AND THEIR GENEALOGY
THEORY OF ORBITS THE RESTRICTED PROBLEM OF THREE BODIES
ON MOTIONS ORBITS IN THE RESTRICTED PROBLEM OF THREE BODIES
A CLASSIFICATION OF ORBITS THROUGH L SUB ONE IN THE RESTRICTED THREE-BODY PROBLEM
CHARACTERISTICS OF INVARIANT CURVES OF PLANE ORBITS
APPROXIMATE ANALYTICAL SOLUTION FOR SATELLITE ORBITS SUBJECTED TO SMALL THRUST OR DRAG | AFOSR67-1662
AFOSR67-2817
AFOSR67-0378
AFOSR68-2257
AFOSR68-2258
AFOSR67-2288 |

ORDER

SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
 FIRST ORDER FREQUENCY EFFECTS IN SUPERSONIC PANEL FLUTTER OF FINITE CYLINDRICAL SHELLS
 SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD
 LOW-ORDER LINEAR FILTERING AND PREDICTION OF NONSTATIONARY RANDOM SEQUENCES FINAL REPORT FEB 1967
 ON THE ORDER OF THE GROUP OF A PLANAR MAP
 HIGHER ORDER APPROXIMATIONS IN THE THEORY OF LONGITUDINAL PLASMA OSCILLATIONS
 KINETIC ORDER WITH RESPECT TO SOLVENT ACID HYDROLYSIS AND PREFERENTIAL SOLVATION OF THE REINECKATE ION
 THE USE OF ORDER STATISTICS IN ESTIMATION
 THE USE OF ORDER STATISTICS IN ESTIMATION
 CORRELATIONS OF ORDER $1/2$ AND $3/2$ TO CAPTURE
 DISCONJUGATE N-TH ORDER DIFFERENTIAL EQUATIONS AND PRINCIPAL SOLUTIONS
 FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II SUPERCONDUCTORS II PURE LIMIT
 FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II SUPERCONDUCTORS I DIRTY LIMIT
 SYMMETRY OF MIXED THIRD ORDER PLASTIC CONSTANTS
 MAGNETIC MOMENT TO SECOND ORDER FOR AXISYMMETRIC STATIC FIELD
 SOME PROPERTIES OF HIGHER ORDER CONFORMAL FUNCTIONS
 CRYSTAL GEOMETRY OF FIRST ORDER PHASE TRANSFORMATIONS
 A NOTE ON MOMENTS OF GAMMA ORDER STATISTICS
 ON THE INVARIANT MOMENTS OF ORDER STATISTICS FROM A LOGISTIC DISTRIBUTION
 TABLES FOR MOMENTS OF GAMMA ORDER STATISTICS
 FORCED OSCILLATIONS IN SECOND ORDER SYSTEMS WITH BOUNDED NONLINEARITIES
 FORCED OSCILLATION OF A SECOND ORDER RELAY SYSTEM WITH DAMPING
 POSTNIKOV INVARIANTS AND HIGHER ORDER COMMOLOGY OPERATIONS
 TABLES FOR THE MOMENTS OF GAMMA ORDER STATISTICS FINAL REPORT AUG 1967
 THE ONAL DIFFUSION AND STRUCTURAL ORDER IN LIQUIDS
 RELAXATION OF THE SUPERCONDUCTING ORDER PARAMETER
 ORDER OF COHERENCE OF AN ARBITRARY ORDER
 SOME RESULTS ON FINITE GROUPS WHOSE ORDER CONTAINS A PRIME TO THE FIRST POWER
 ON SELECTION AND RANKING PROCEDURES AND ORDER STATISTICS FROM THE MULTINOMIAL DISTRIBUTION
 ASYMPTOTICALLY LOCALLY MOST POWERFUL RANK ORDER TEST STATISTICS
 SURFACE ASYMMETRY MECHANISM FOR FRACTIONAL ORDER PEAKS OBSERVED IN LEED BEAMS FROM METALS
 EXACT MOMENTS AND PERCENTAGE POINTS OF THE ORDER STATISTICS AND THE DISTRIBUTION OF THE RANGE FROM THE LOGISTIC
 PERTURBATION THEORY EXPANSIONS THROUGH 20TH ORDER OF MASS POLARIZATION CORRECTION RELATIVISTIC EFFECTS & LAMB SHIFT OF
 A LOWER BOUND FOR THE FIRST EIGENVALUE OF SECOND ORDER ELLIPTIC OPERATORS
 DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS OF SECOND ORDER
 GROWTH AND DECAY PROPERTIES OF SOLUTIONS OF SECOND ORDER ELLIPTIC EQUATIONS
 A RESULT CONCERNING ELLIPTIC EQUATIONS OF THE SECOND ORDER AND OF NON VARIATIONAL TYPE /ITALIAN/
 NON EQUILIBRIUM FLOW FIELD EQUATIONS IN WITHIN FIRST ORDER TERMS IN THE AFFINITIES FINAL REPORT JULY 1968
 STRUCTURE OF LIQUIDS VI SOME CHARACTERISTICS OF FIRST-ORDER DENSITY EXPANSIONS OF RADIAL DISTRIBUTION DIRECT
 RELATION BETWEEN PHOTOELASTICITY ELECTROSTRICTION AND FIRST ORDER RAMAN EFFECT IN CRYSTALS OF THE DIAMOND STRUCTURE
 ASYMPTOTIC NORMALITY OF LINEAR COMBINATIONS OF FUNCTIONS OF ORDER STATISTICS II
 RDCS OBTAINED WITH TWO SIGNAL INTENSITIES PRESENTED IN RANDOM ORDER AND A COMPARISON BETWEEN YES-NO AND RATING RDCS
 ON THE EXISTENCE UNIQUENESS AND STABILITY OF SOLUTIONS OF A THIRD ORDER PARTIAL DIFFERENTIAL EQUATION
 CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF FIRST ORDER
 CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER
 THE CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER
 CHARACTERIZATION OF NORMAL AND GENERALIZED TRUNCATED NORMAL DISTRIBUTIONS USING ORDER STATISTICS
 THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELDS II LOWEST ORDER CORRECTIONS
 BEST LINEAR UNBIASED ESTIMATORS OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION USING ORDER STATISTIC

AFCL68-0815
 AFOSR67-2891
 AFOSR68-2773
 SRL 67-0003
 AFOSR67-0737
 AFOSR68-1085
 AFOSR68-0174
 ARL 67-1018
 ARL 68-0171
 AFOSR67-0914
 AFOSR68-0445
 AFOSR67-2487
 AFOSR67-2488
 AFOSR67-1108
 AFOSR67-031A
 AFOSR67-2053
 ARL 67-1155
 ARL 67-0117
 ARL 67-0755
 ARL 68-0882
 AFOSR67-2762
 AFOSR67-1025
 AFOSR67-1461
 ARL 67-0166
 ARL 68-1218
 AFOSR67-2769
 AFOSR67-0810
 AFOSR67-0365
 ARL 67-1305
 ARL 68-1287
 AFOSR67-2316
 ARL 67-0256
 AFOSR67-1683
 AFOSR68-2001
 AFOSR68-2657
 AFOSR68-1913
 AFOSR68-0573
 AFOSR68-1929
 AFOSR67-2576
 AFOSR68-0932
 AFOSR68-1277
 AFOSR68-2678
 AFOSR68-1181
 ARL 67-1182
 ARL 68-1296
 ARL 68-1281
 AFOSR67-0684
 ARL 67-0150
 ARL 67-0261

ORDERED

ANTINORMALLY ORDERED CORRELATIONS AND QUANTUM COUNTERS
 INVESTIGATION OF ORDERED MAGNETIC STATES AND THEIR CORRELATIONS TO OPTICAL AND ELECTRICAL PROPERTIES OF SELECTED
 ON LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES
 SELF-DIFFUSION IN NEAR-EQUIATOMIC ORDERED GOLD-CADMIUM ALLOYS
 THE STUDY OF POINT DEFECTS IN FCC ORDERED ALLOYS AND OTHER INTERMETALLIC COMPOUNDS FINAL REPORT NOV 1968
 SELF-DIFFUSION IN NEAR-EQUI-ATOMIC ORDERED ALLOYS
 FAR-INFRARED MEASUREMENT OF LONG-RANGE ORDERED IN A DISPLACIVE PHASE TRANSITION
 ON THE POSSIBLE ROLE OF DISLOCATIONS IN GENERATING ORDERED AND DISORDERED SHEAR STRUCTURES
 MAXIMUM LIKELIHOOD ESTIMATION OF THE DISTRIBUTIONS OF TWO STOCHASTICALLY ORDERED RANDOM VARIABLES
 ON THE DISTRIBUTION OF LINEAR FUNCTIONS AND RATIOS OF LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES
 CERTAIN GENERAL PROPERTIES OF UNBIASED ESTIMATES OF LOCATION AND SCALE PARAMETERS BASED ON ORDERED OBSERVATIONS

AFOSR67-0384
 AFCL67-0593
 ARL 67-0280
 AFOSR67-1171
 AFOSR68-2644
 ARL 67-1153
 AFOSR67-1931
 AFOSR67-2710
 AFOSR67-1012
 ARL 67-0253
 AFOSR68-1634

ORDERING

ORDERING IN LIQUID CRYSTALS DUE TO ELECTRIC AND MAGNETIC FIELDS
 ORDERING THEOREMS AND GENERALIZED PHASE SPACE DISTRIBUTIONS
 AN INVESTIGATION OF THE ORDERING OF MOLECULES IN THE ANISOTROPIC LIQUID PHASE OF LIQUID CRYSTALS FINAL REPORT 1967
 MOSQUAUER STUDY OF FERROMAGNETIC ORDERING IN NICKEL FERRITE AND CHROMIUM-SUBSTITUTED NICKEL FERRITE
 THE ACTIVITY OF COPPER IN SOLID COPPER-PLATINUM ALLOYS AND SOME OBSERVATIONS ON THE ORDERING OF CUSUB3PT

AFOSR67-1779
 AFOSR68-1766
 AFOSR67-2622
 AFOSR68-0014
 ARL 67-0247

ORDINARY

STABILITY THEORY FOR ORDINARY DIFFERENTIAL EQUATIONS
 SOME LIMIT THEOREMS FOR ORDINARY DIFFERENTIAL SYSTEMS
 SINGULAR POINTS OF PLANAR ORDINARY DIFFERENTIAL SYSTEMS
 ERROR BOUNDS FOR SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
 THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS FINAL REPORT MARCH 1968
 COMPARISON THEOREMS FOR NONLINEAR ORDINARY BOUNDARY VALUE PROBLEMS
 THERMAL DIFFUSION OF ELECTROLYTES IN ORDINARY AND HEAVY WATER
 ON RELATIVELY BOUNDED PERTURBATIONS OF ORDINARY DIFFERENTIAL OPERATORS
 VARIATIONAL METHODS AND BOUNDARY PROBLEMS FOR ORDINARY LINEAR DIFFERENTIAL SYSTEMS
 ON ERROR BOUNDS FOR THE SOLUTION OF SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
 STABILITY REGIONS OF DISCRETE VARIABLE METHODS FOR ORDINARY DIFFERENTIAL EQUATIONS
 RIGOROUS BOUNDS ON THE ERROR IN NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATIONS
 MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING ORDINARY EPR SPECTROMETERS
 SINGULAR PERTURBATIONS OF BOUNDARY VALUE PROBLEMS FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS INVOLVING TWO PARAMETERS
 A SEARCH FOR OPTIMUM METHODS FOR THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS
 A COMPUTER STUDY OF THE ESTIMATED PROPAGATION OF ERRORS IN THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL

AFOSR68-0767
 AFOSR67-1996
 AFOSR67-1347
 ARL 68-1279
 AFOSR68-0712
 ARL 68-1288
 ARL 67-0593
 AFOSR68-2382
 AFOSR68-2585
 ARL 67-1273
 AFOSR67-2329
 ARL 67-1258
 ARL 68-0232
 AFOSR67-2345
 AFOSR68-0011
 ARL 67-1006

ORGAN

ORGAN GROWTH IN THE PUFFER FISH SPHEROIDES MACULATUS
 FATECHULANWIS IN NERVE AND ORGAN GRANULES
 SEMICIRCULAR CANAL AND OTOLITHIC ORGAN FUNCTION IN FREE SWIMMING FISH FINAL REPORT SEPT 1968
 THE ACTIVITY OF AFFERENT NERVE FIBERS FROM THE VESTIBULAR ORGAN AND OF NEURONS IN THE VESTIBULAR NUCLEI OF

AFOSR67-1320
 AFOSR67-0112
 AFOSR68-2150
 AFOSR68-0672

ORGANIC

ORGANIC SEMICONDUCTOR JUNCTIONS FINAL REPORT JUNE 1968
 ORGANIC SEMICONDUCTORS
 ORGANIC METALS THE ELECTRICAL CONDUCTANCE OF ORGANIC SOLIDS
 ION RADICALS FROM ORGANIC SULFUR SELENIUM TELLURIUM AND PHOSPHORUS COMPOUNDS FINAL REPORT FEB 1968
 LOSS MEASUREMENT OF ORGANIC MATERIALS AT 0.32 ÅNGSTRÖMS
 MOLECULAR LATTICES THE ORGANIC SEMICONDUCTORS TMPO/C108 AND TMPO/CHLORANIL FINAL REPORT MAY 1967

AFCL68-0384
 AFOSR68-1823
 AFOSR68-1252
 AFOSR68-0392
 AFOSR68-0082
 AFCL67-0954

ORGANIC

- CONTINUED

| | |
|---|--------------|
| OPTICAL PROPERTIES OF ORGANIC CRYSTALS FINAL REPORT SEPT 1967 | APCRL67-0555 |
| ELECTRONIC STRUCTURE OF ORGANIC MOLECULES AND ORGANIC SEMICONDUCTORS FINAL REPORT JUNE 1967 | APCRL67-0517 |
| TRANSPARENT CONDUCTIVITY IN ORGANIC INSULATORS FINAL REPORT SEPT 1967 | APCRL67-0515 |
| DIFFUSION COEFFICIENTS FOR ORGANIC VAPORS IN POLYVINYL ACETATE | ARL 67-0103 |
| KINETIC ISOTOPE EFFECTS AND ORGANIC REACTION MECHANISMS | AFOSR67-0916 |
| THERMODYNAMIC PROPERTIES OF ORGANIC DERIVATIVES OF THE LIGHTER ELEMENTS | AFOSR67-1797 |
| THE THERMODYNAMIC PROPERTIES OF ORGANIC DERIVATIVES OF THE LIGHTER ELEMENTS | AFOSR68-0904 |
| CHARGE AND ENERGY TRANSFER IN ORGANIC SYSTEMS FINAL REPORT MAY 1968 | AFOSR68-1344 |
| PURITY-PROPERTY RELATIONSHIPS IN ORGANIC SEMICONDUCTION FINAL REPORT APR 1968 | APCRL68-0101 |
| OXIDATION-REDUCTION REACTIONS OF ORGANIC SULFUR COMPOUNDS FINAL REPORT JAN 1967 | AFOSR67-0247 |
| QUANTITATIVE ASPECTS ON THERMAL STABILITY OF ORGANIC COMPOUNDS FINAL REPORT NOV 1968 | AFOSR67-0527 |
| ORGANIC METALS THE ELECTRICAL CONDUCTANCE OF ORGANIC SOLIDS | AFOSR68-1252 |
| ELECTRONIC STRUCTURE OF ORGANIC MOLECULES AND ORGANIC SEMICONDUCTORS FINAL REPORT JUNE 1967 | APCRL67-0517 |
| THE ADSORPTION OF METAL CHLORIDE COMPLEXES FROM ORGANIC SOLUTIONS | ARL 67-1017 |
| FUNDAMENTAL STUDIES RELATING TO THE RADIATION CHEMISTRY OF SMALL ORGANIC MOLECULES FINAL REPORT JAN 1967 | ARL 67-0114 |
| ORGANIZATION | |
| THE ORGANIZATION OF SKILLED RESPONSE | AFOSR67-1027 |
| VEHICULAR ORGANIZATION OF SENSORY INFORMATION FOR TASTE | AFOSR67-2301 |
| COMPUTER COMPILER ORGANIZATION STUDIES FINAL REPORT MAY 1967 | APCRL67-0463 |
| SPATIAL AND TEMPORAL ORGANIZATION IN RETINAL UNITS | AFOSR67-2538 |
| ACQUISITION OF HIERARCHICAL CONTROL OVER THE TEMPORAL ORGANIZATION OF A SKILL | AFOSR67-1837 |
| INFLUENCE OF A CAMPUS ENVIRONMENT ON STUDENT COMMITMENT TO A PARA-MILITARY ORGANIZATION FINAL REPORT OCT 1968 | AFOSR68-1894 |
| ORGANIZATIONAL | |
| ORGANIZATIONAL DESIGN - AN EXPLORATORY STUDY | AFOSR67-2450 |
| ORGANIZATIONAL SIZE COMPLEXITY AND FORMALIZATION | AFOSR68-0801 |
| TRANSFORMATIONAL AND ORGANIZATIONAL PROCESSES IN MEMORY FINAL REPORT FEB 1968 | AFOSR68-0528 |
| TOWARD A TWO-DECISION THEORY OF ORGANIZATIONAL CONFLICT AND COMMITMENT | AFOSR67-1093 |
| THEORY AND METHODS IN THE STUDY OF ORGANIZATIONAL STRESS FINAL REPORT NOV 1968 | AFOSR68-1677 |
| ORGANIZING | |
| AN ALGORITHMIC METHOD FOR ORGANIZING CHECKING EXPERIMENTS | AFOSR68-1082 |
| ORGANOGERMANIUM | |
| HALOMETHYL-METAL COMPOUNDS X THE REACTION OF ORGANO-SILICON ORGANOGERMANIUM AND ORGANO-TIN HYDRIDES WITH | AFOSR67-1133 |
| ORGANOLITHIUM | |
| ORGANOLITHIUM COMPOUNDS AND ACETYLENES IV SEQUENCE OF ADDITION-METALATION IN THE REACTION OF ORGANOLITHIUM COMPOUNDS | AFOSR68-2066 |
| POLYMERIZED SPECIES FROM 1-PHENYLPROPENE AND ORGANOLITHIUM REAGENTS | AFOSR67-2423 |
| ORGANOLITHIUM COMPOUNDS AND ACETYLENES IV SEQUENCE OF ADDITION-METALATION IN THE REACTION OF ORGANOLITHIUM COMPOUNDS | AFOSR68-2066 |
| ORGANOMETALLIC | |
| ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XV NEW OLEFINIC AND ACETYLENIC DERIVATIVES OF TUNGSTEN | AFOSR67-0598 |
| ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVI POLYNUCLEAR CYCLOPENTADIENYL-METAL CARBOONYLS OF IRON AND COBALT | AFOSR67-0599 |
| ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVII CYCLOPENTADIENYL-VANADIUM DIACETATE | AFOSR67-0600 |
| ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVIII SOME NEW CYCLOPENTADIENYL-METAL NITROSYL DERIVATIVES OF | AFOSR67-0603 |
| ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XX SOME REACTIONS OF ACETONITRILE DERIVATIVES OF MOLYBDENUM AND | AFOSR67-1873 |
| ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XXI SOME PI-PENTAMETHYLCYCLOPENTADIENYL DERIVATIVES OF VARIOUS | AFOSR67-1601 |
| ORGANOMETALLIC SULFUR COMPLEXES VI THE MOLECULAR STRUCTURE OF A TRICYCLIC COMPLEX TRICOBALT ENNEFACARBONYL SULFIDE | AFOSR67-1714 |
| ORGANOMETALLIC SULFUR COMPLEXES IX STRUCTURE OF A HEXANUCLEAR C. ALT CARBOONYL SULFUR COMPLEX CONTAINING A | AFOSR67-2191 |
| ORGANOMETALLIC SULFUR COMPLEXES VIII THE MOLECULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGED DIMERIC COMPLEX OF MOLYBDENUM | AFOSR67-2210 |
| ORGANOMETALLIC SYNTHESIS OF REACTIVE INTERMEDIATES FINAL REPORT JAN 1968 | AFOSR68-0157 |
| ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XXII THE SYNTHESIS OF UNUSUAL CYCLOPENTADIENYL-MOLYBDENUM NITROSYL | AFOSR68-0692 |
| ORGANOMETALLIC SULFUR COMPLEXES X STRUCTURAL AND BONDING CHARACTERIZATION OF A TRIMERIC MERCAPTOCOBALT CARBOONYL | AFOSR68-2461 |
| ORGANOMETALLIC SULFUR COMPLEXES XI PREPARATION AND STRUCTURE OF A PENTAMERIC MERCAPTOCOBALT CARBOONYL COMPLEX | AFOSR68-2735 |
| MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS III ORGANO-SULFUR DERIVATIVES OF METAL CARBOONYLS | AFOSR68-1710 |
| MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS I METAL CARBOONYL COMPLEXES OF TRIS /DIMETHYLAMINO/ PHOSPHINE | AFOSR68-1712 |
| BONDING STUDIES OF ORGANOMETALLIC COMPOUNDS OF RORON AND E GROUP IV ELEMENTS. PART I. HEATS OF HYDROLYSIS AND BOND | AFOSR68-1528 |
| THE THERMAL DECOMPOSITION OF ORGANOMETALLIC HEAVY METAL TRIHALOACETATES IN THE PRESENCE OF OLEFINS | AFOSR68-1911 |
| CHROMATOGRAPHY AND SOLVENT EXTRACTION OF ORGANOMETALLIC COMPLEXES FINAL REPORT SEP 1967 | ARL 67-0191 |
| THE CHEMISTRY OF CARBONIUMS XVII THE ADDITION OF METHYL ORGANOMETALLIC REAGENTS TO CYCLOHEXENONE DERIVATIVES | AFOSR68-2497 |
| PREPARATION AND STRUCTURE OF /CH3UB3SFESUB2/CO/SUB3/ AN ORGANOMETALLIC COMPLEX CONTAINING A TETRAHEDRAL-LIKE | AFOSR67-1650 |
| THE CHEMISTRY OF CARBONIUMS XII THE ROLE OF COPPER IN THE CONJUGATE ADDITION OF ORGANOMETALLIC REAGENTS | AFOSR67-1432 |
| AN ASSESSMENT OF THE INFLUENCE OF A METAL-METAL BOND ON THE MOLECULAR GEOMETRY OF AN ORGANOMETALLIC LIGAND-BRIDGED | AFOSR67-0740 |
| ORGANOORPHOSPHORUS | |
| ORGANOORPHOSPHORUS CHEMISTRY IV THE REACTIONS OF TRIALKYL PHOSPHITES WITH ALPHA-HALO KETONES | AFOSR67-1703 |
| MICROPOLARIC DISPLACEMENT REACTIONS ON ORGANOORPHOSPHORUS ESTERS BY GRIGNARD REAGENTS II EVIDENCE FOR COMPETITIVE | AFOSR67-0706 |
| MICROPOLARIC DISPLACEMENT REACTIONS ON ORGANOORPHOSPHORUS ESTERS BY GRIGNARD REAGENTS III THE REACTION OF ALKYL | AFOSR67-0707 |
| ORGANOSILANES | |
| THE OXIDATIVE CLEAVAGE OF ORGANOSILANES III OZONE AND THE SILICON-ALKYL -ARYL -HYDROGEN AND -OXYGEN BONDS | ARL 67-0070 |
| SUBSTITUENT EFFECTS IN THE OXIDATIVE OF ORGANOSILANES BY OZONE | ARL 68-0316 |
| ORGANOSILICON | |
| REACTIONS OF ORGANO-SILICON FREE RADICALS | ARL 67-1168 |
| HALOMETHYL-METAL COMPOUNDS X THE REACTION OF ORGANO-SILICON ORGANOGERMANIUM AND ORGANO-TIN HYDRIDES WITH | AFOSR67-1133 |
| RESEARCH IN SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARYLATED ORGANO-SILICON COMPOUNDS FINAL REPORT JULY 1967 | ARL 67-0159 |
| ITS /TRIMETHYLSILYL/DIETHYLMETHYL/ MERCURY A NEW AND USEFUL REAGENT IN SYNTHETIC ORGANO-SILICON CHEMISTRY | AFOSR68-1883 |
| ORGANOSILYL | |
| ANIONIC REARRANGEMENT OF HYDRAZINES II ISOMERS OF BIS /ORGANO-SILYL/ HYDRAZINES | AFOSR67-0208 |
| ORGANOSILYLHYDRAZINE | |
| NEW ANIONIC REARRANGEMENTS III CATALYTIC REARRANGEMENT OF ORGANOSILYLHYDRAZINES | AFOSR67-2377 |
| ORGANOSULFUR | |
| ORGANOSULFUR DERIVATIVES OF THE METAL CARBOONYLS IX SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH PI-CYCLOPENTA- | AFOSR67-0990 |
| ORGANOSULFUR DERIVATIVES OF THE METAL CARBOONYLS X SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH | AFOSR68-0691 |
| ORGANOSULFUR DERIVATIVES OF THE METAL CARBOONYLS XI SOME CIS-1 2-ETHYLENE-DITHIOLATE DERIVATIVES OF MANGANESE CARBOONYL | AFOSR68-1711 |
| MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS III ORGANO-SULFUR DERIVATIVES OF METAL CARBOONYLS | AFOSR68-1710 |

ORGANOTIN

HALOGENATED ORGANOTIN COMPOUNDS AS CATALYSTS FOR TRANSFER AGENTS
HALOMETHYL-METAL COMPOUNDS & THE REACTION OF ORGANOSILICON ORGANOGermanium AND ORGANOTIN HYDRIDES WITH

AFOSR67-0203
AFOSR67-1133

ORGANS

REGIONAL DISTRIBUTION IN OPSORHAGEAL TEMPERATURE AND ITS USE IN LOCALIZING MEDIASTINAL ORGANS AND MONITORING CENTRAL

AFOSR67-0279

ORIENTATION

ORIENTATION AND REACTIVITY IN FREE RADICAL AROMATIC SUBSTITUTION FINAL REPORT APRIL 1967
THE EFFECT OF ORIENTATION OF DEGENERATE COORDINATES ON CORIOLIS COUPLING CONSTANTS
MOST FAVORABLE ORIENTATION FOR VIBRATIONAL TRANSITIONS IN ASYMMETRIC DIATOMIC MOLECULES
RETINAL FINE STRUCTURE AND VISUAL ORIENTATION FINAL REPORT OCT 1966
DISCRIMINABILITY OF STIMULI VARYING IN PHYSICAL AND RETINAL ORIENTATION

AFOSR67-1089
AFOSR68-2846
AFOSR68-1962
AFOSR68-2336
AFOSR67-2467

ORIENTED

PREPARATION OF ORIENTED MERCURY SINGLE CRYSTALS
INNOVATION IN TASK ORIENTED COMMUNICATION FINAL REPORT AUG 1967
LOWER CASE N SUBSCRIPT J MIXING IN ORIENTED & SUPERScript 2 P SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY COLLISIONS
COLLISIONAL DISALIGNMENT OF MAGNETICALLY ORIENTED SUPER 2P ALKALI ATOMS
LAPPING MACHINE ATTACHMENT FOR PREPARING ORIENTED CRYSTALS
COLLISIONAL DEPOLARIZATION OF MAGNETICALLY ORIENTED & SUPERScript 2P POTASSIUM ATOMS

AFOSR67-0190
AFOSR67-1868
AFOSR68-1073
AFOSR68-1123
ARL 68-0248
AFOSR68-1843

ORIFICE

EXPERIMENTAL STUDY OF PSEUDO TRANSPIRATION AT AN ORIFICE IN RAREFIED FLOW
ANALYSIS OF FAR-FIELD MIXING WITH A PERIODIC SOURCE OF VORTICITY AT THE ORIFICE
ROTATIONAL TEMPERATURE MEASUREMENT OF THE FLOW EXPANDING FROM A LOW DENSITY SONIC ORIFICE

AFOSR68-1027
AFOSR67-2222
AFOSR67-0338

ORIGIN

ORIGIN OF ROTATIONAL BARRIERS II METHYLAMINE AND IMPROVED WAVEFUNCTIONS FOR HYDROGEN PEROXIDE
ORIGIN OF CONSTRICTED MAGNETIZATION LOOPS IN HARD-DOLLOD NICKEL AT LOW TEMPERATURES
ORIGIN OF HIDDEN MOMENTUM FORCES-ON MAGNETS
SPACE-TIME AND ORIGIN OF INTERNAL SYMMETRIES
MULTIPLE DIFFRACTION ORIGIN OF LOW ENERGY ELECTRON DIFFRACTION INTENSITIES
EVIDENCE OF THE SURFACE ORIGIN OF THE 1/F NOISE
RELATION BETWEEN ETHNIC ORIGIN AND GSR REACTIVITY IN PSYCHOPHYSIOLOGICAL DETECTION
ELECTRIC FIELD IN THE IONOSPHERE A THEORY OF ITS ORIGIN AND EFFECT
NEURONS OF THE MEDIAL Diencephalon II EXCITATION OF CENTRAL ORIGIN

AFOSR67-2466
AFOSR68-0160
AFOSR68-2528
AFOSR67-1479
AFOSR68-1493
AFOSR67-0367
AFOSR68-2171
AFOSR68-0136
AFOSR67-0969

ORTHICON

IMAGE ORTHICON WITH IMPROVED BEAM MODULATION FACTOR

ARL 67-1104

ORTHOBARIC

ORTHOBARIC DENSITY OF HELIUM THREE IN THE CRITICAL REGION

AFOSR67-2330

ORTHOGONALIZED

CONVERGENCE STUDY OF A SELF-CONSISTENT ORTHOGONALIZED- PLANE-WAVE BAND CALCULATION FOR HEXAGONAL CDS FINAL REPORT JAN
RELATIVISTIC FORMULATION OF THE METHOD OF ORTHOGONALIZED PLANE WAVES

ARL 68-0007
ARL 68-1420

ORTHOMYDROGEN

CRYSTAL-FIELD SPLITTING OF ORTHOMYDROGEN IN SOLID PARAHYDROGEN

AFOSR68-1517

ORTHORHOMBIC

HIGH-MAGNETIC-FIELD STUDIES OF ORTHORHOMBIC AND RHOMBHEDRAL ALUMINUM IRON OXIDE/ COMPOUNDS

AFOSR67-1688

OSCILLATING

AERODYNAMICS OF OSCILLATING DISKS AND A RIGHT-CIRCULAR CYLINDER
OPTIMUM PROPULSION OF AN OSCILLATING HYDROPHIL
THE TRANSFER OF HEAT ACROSS A TWO-DIMENSIONAL OSCILLATING BOUNDARY LAYER
BOUNDARY-LAYER ANALYSIS OF TWO-PHASE FLOW OVER AN OSCILLATING FLAT PLATE
REFLECTION AND AMPLIFICATION OF ELECTROMAGNETIC WAVES IN AN OSCILLATING IONIZED MEDIUM PART II

ARL 67-0084
AFOSR67-1153
ARL 67-0290
ARL 67-0287
AFOSR68-0313

OSCILLATION

LASER OSCILLATION IN ATOMIC CL IN HCl GAS DISCHARGES
LASER OSCILLATION ON ELECTRONIC TRANSITIONS IN NEUTRAL NSUR2 AND CO
ON THE OSCILLATION OF SUMS OF RANDOM VARIABLES
FORCED OSCILLATION OF A SECOND ORDER RELAY SYSTEM WITH DAMPING
CURRENT OSCILLATION AND SATURATION IN COSE
QUANTUM THEORY OF LASER OSCILLATION I
QUANTUM THEORY OF LASER OSCILLATION II
A THEORETICAL STUDY OF LASER OSCILLATION FINAL REPORT JAN 1968
POPULATION INVERSION AND LASER OSCILLATION IN ATOMIC AND MOLECULAR GASES

AFOSR67-1124
AFOSR67-1585
AFOSR67-1015
AFOSR67-1025
ARL 68-1357
AFOSR67-0511
AFOSR68-0244
AFOSR68-0361
AFOSR67-0389

OSCILLATIONS

OSCILLATIONS OF SCATTERING AMPLITUDES AT HIGH ENERGY
OSCILLATIONS IN THE TOTAL CROSS SECTION FOR RESONANT CHARGE TRANSFER IN LITHIUM - LITHIUM ION COLLISION
OSCILLATIONS OF ELECTRIC ARCS IN ARGON CROSS-FLOW
OSCILLATIONS IN EXCITON EMISSION IN THE EXCITATION SPECTRA OF ZNSE AND COS
FREE OSCILLATIONS AFTERSHOCKS AND Q
SMALL OSCILLATIONS OF A STABILIZED INVERTED PENDULUM
FORCED OSCILLATIONS IN SECOND ORDER SYSTEMS WITH BOUNDED NONLINEARITIES
ON THE OSCILLATIONS AND STABILITY OF ROTATING STELLAR MODELS I MATHEMATICAL TECHNIQUES
QUANTUM OSCILLATIONS OF THE VELOCITY OF SOUND IN GALLIUM
NONLINEAR OSCILLATIONS AMPLITUDE BOUNDS FOR SECOND-ORDER SYSTEMS
NONLINEAR OSCILLATIONS OF ELASTIC PANELS IN A SUPERSONIC NONVISCOUS AIRSTREAM
INTRINSIC OSCILLATIONS IN PHOTOCONDUCTIVITY OF ZNSE
RELAXATION OSCILLATIONS IN N-TYPE INSR AND RESPONSIVITY MEASUREMENTS IN THE FAR INFRARED
QUENCHING OF OSCILLATIONS IN PHOTOCONDUCTIVITY OF COS
LOW-FREQUENCY OSCILLATIONS IN A THERMAL CESIUM PLASMA
THE NONLINEAR OSCILLATIONS OF A STRING
ACUSTOELECTRIC OSCILLATIONS CURRENT SATURATION AND ELECTRON DRIFT MOBILITY IN CADMIUM SULPHIDE CRYSTALS
SMALL HYDROMAGNETIC OSCILLATIONS IN A TWO-DIMENSIONAL CAVITY
COMBUSTION PRESSURE OSCILLATIONS IN AN UNMIXED GAS ROCKET MOTOR
CONCURRENT TUNABLE CW OSCILLATIONS IN A SMOOTH-RORE MAGNETRON THE -PLASMA-MAGNETRON FINAL REPORT JULY 1967
MEASUREMENTS OF TIDAL OSCILLATIONS ABOVE 120 KILOMETERS

AFOSR67-1140
AFOSR68-1980
ARL 67-0245
ARL 68-0246
AFOSR67-1220
AFOSR68-0075
AFOSR67-2752
AFOSR68-2696
AFOSR68-0602
AFOSR67-0516
AFOSR68-1861
ARL 68-0121
AFOSR67-1568
ARL 68-0248
AFOSR67-0139
AFOSR68-0650
AFOSR67-0285
AFOSR67-0140
AFOSR67-1001
AFOSR67-1663
AFOSR67-0131

OSCILLATIONS

- CONTINUED

INTENTIONAL COMBUSTION OSCILLATIONS IN PROPULSION SYSTEMS FINAL REPORT FEB 1967 AFOSR67-1886
EXCITON EMISSION INTENSITY OSCILLATIONS IN ZnSe AND CdS ARL 66-0889
STUDY OF THE ENERGY OF THE FREE OSCILLATIONS OF THE EARTH AFOSR67-0108
COMPONENT TUNABLE CYCLOTRON MODE OSCILLATIONS IN A SMOOTH-BORE MAGNETRON FINAL REPORT JULY 1968 AFOSR68-1723
ATTENUATION OF THE TORSIONAL FREE OSCILLATIONS IN AN EARTH WITH A DISSIPATIVE SOFT-SOLID CORE AFOSR67-0141
MEASUREMENT OF Q VALUES FROM THE FREE OSCILLATIONS OF THE EARTH AFOSR68-0161
QUANTUM SPECTROSCOPY OF THE LOW FIELD OSCILLATIONS OF THE SURFACE IMPEDANCE AFOSR68-0861
QUANTUM SPECTROSCOPY OF THE LOW-FIELD OSCILLATIONS IN THE SURFACE IMPEDANCE AFOSR68-1860
AMPLITUDE MODULOS ON PERIODIC AND APERIODIC OSCILLATIONS SECOND-ORDER SYSTEMS AFOSR67-1776
ANALYTICAL AND EXPERIMENTAL INVESTIGATIONS OF OSCILLATIONS IN ROCKET MOTOR Baffle Cavity FINAL REPORT MAY 1968 AFOSR68-1349
HIGHER ORDER APPROXIMATIONS IN THE THEORY OF LONGITUDINAL PLASMA OSCILLATIONS AFOSR68-1068
INTEGRAL EQUATION TREATMENT OF THE LINEARIZED THEORY OF ELECTROSTATIC PLASMA " ARL 66-0839
NONCORRELATION OF ANOMALOUS PLASMA TRANSPORT EQUILIBRIUM PLASMA DENSITY AND L INITIAL OSCILLATIONS IN A AFOSR68-0741

OSCILLATOR

OSCILLATOR STRENGTHS FOR HIGH-LEVEL TRANSITIONS IN HYDROGEN AFOSR68-0877
GENERALIZED OSCILLATOR STRENGTHS AT SMALL MOMENTUM CHANGES FOR THE ONE-SINGLET S TO TWO-SINGLET S TRANSITION IN HELIUM AFOSR67-0193
QUANTUM STATISTICS OF COUPLED OSCILLATOR SYSTEMS AFOSR68-0099
THE RELATION BETWEEN THE ELECTRONIC OSCILLATOR STRENGTH AND THE WAVELENGTH FOR DIATOMIC MOLECULES AFOSR67-1013
AN EXPERIMENTAL DETERMINATION OF THE OSCILLATOR STRENGTHS FOR SOME TRANSITIONS IN THE LYMAN BANDS OF MOLECULAR HYDRO- AFOSR68-2803
ON A CLASS OF PERTURBATIONS OF THE HARMONIC OSCILLATOR AFOSR68-1997
EXCITED-STATE WAVEFUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS IN SELENIUM AFOSR68-1901
EXCITED-STATE WAVE FUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS FOR KRYPTON AND XENON AFOSR67-0748
QUADRATIC CONSTANTS OF THE MOTION FOR THE CLASSICAL HARMONIC OSCILLATOR AFOSR67-0118
A FURTHER ADIABATIC INVARIANCE OF THE ACTION INTEGRAL FOR THE HARMONIC OSCILLATOR AFOSR68-1003
DESIGN AND EVALUATION OF A RADIO FREQUENCY PLASMA SOURCE/ PART I/ SELF-EXCITED OSCILLATOR ARL 67-0281

OSCILLATORS

OSCILLATORS MODULATORS AND MIXERS SUITABLE FOR INTEGRATED CIRCUIT REALIZATION AFOSR67-1178
OSCILLATORS UTILIZING SUPERCONDUCTING RESONATORS AFOSR67-1587
ON COUPLED VAN DER POL OSCILLATORS AFOSR67-1255
INTEGRATED VOLTAGE - CONTROLLED OSCILLATORS AFOSR68-1171
VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS AFOSR67-1180
VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS WITH EXCHANGE-DOMINATED COLLISIONS AFOSR68-1809
CLASSICAL BEHAVIOR OF SYSTEMS OF QUANTUM OSCILLATORS AFOSR67-0119
INTERFEROMETRIC EXPERIMENT WITH INDEPENDENT LOCAL OSCILLATORS AFOSR67-2610
NON-EQUILIBRIUM SOLUTIONS FOR THE RADIATIVE DECAY OF A SYSTEM OF OSCILLATORS HARMONIC AND ANHARMONIC AFOSR67-0496

OSCILLATORY

OSCILLATORY MAGNETOACOUSTIC ATTENUATION AFOSR67-0787
OSCILLATORY CONTRACTILE MECHANISM OF INSECT FLIGHT MUSCLE AFOSR67-2263
OSCILLATORY VISCOS FLOWS REVIEW AND EXTENSION AFOSR68-0649
OSCILLATORY PHOTOCONDUCTIVITY IN SEMICONDUCTORS ARL 67-1297
OSCILLATORY PHASE OF PHOTOCONDUCTIVITY OF COS ARL 68-0231
SONIC OSCILLATORY OR STEADY AIRLOADS ON WINGS WITH CONTROL SURFACES AND OTHER DISCONTINUITIES AFOSR68-0410
OBSERVATION OF OSCILLATORY LIFETIME IN COS ARL 68-0230
ON THE STABILITY CONSTRAINTS AND OSCILLATORY BEHAVIOR OF COUPLED SYSTEMS AFOSR67-2496

OSFEN

OSFEN FLOW PAST A FINITE FLAT PLATE AFOSR67-0289

OSLO

THE TOWER TELESCOPE OF THE OSLO SOLAR OBSERVATORY HARESTUA AFOSR68-0022
REPORT OF JOINT SATELLITE STUDIES GROUP ANNUAL MEETING OSLO APRIL 1968 FINAL REPORT APR 1968 AFOSR68-0260

OSMIUM

LIGAND-FIELD TRANSITIONS IN TERTIARY PHOSPHINE AND ARSINE COMPLEXES OF RUTHENIUM /II/ AND OSMIUM /II/ AFOSR68-0927

OSMIUM-CATALYZED

KINETICS OF OSMIUM-CATALYZED REACTION BETWEEN CERIUM/IV/ AND ARSENIC/III/ IN SULFURIC ACID MEDIUM AFOSR68-0366

OSTWALD

MASS TRANSPORT ANALYSIS FOR OSTWALD RIPENING AND RELATED PHENOMENA AFOSR67-2367

OTOLITHIC

SEMICIRCULAR CANAL AND OTOLITHIC ORGAN FUNCTION IN PREF SWIMMING FISH FINAL REPORT SEPT 1968 AFOSR68-2150

OUTER

IMPAIRED OBSERVATIONS OF THE OUTER SOLAR CORONA FINAL REPORT OCT 1967 AFOSR67-2038
THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON I A CORRECTION TO THE ADIABATIC AFOSR68-0523
THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON II EVALUATION OF THE POLARIZABILITIES AFOSR68-0524

OUTLOOK

OUTLOOK FOR ELECTROFLUIDDYNAMIC POWER GENERATION ARL 67-1077

OUTPUT

OUTPUT TO INPUT RELATIONSHIPS IN LATERAL GENICULATE AND VISUAL CORTIX AFOSR67-0877
REPROGRAMMING OF THE SONIC OUTPUT OF THE DOLPHIN SONIC BURST-COUNT MATCHING FINAL REPORT MARCH 1968 AFOSR68-0518
PRESSURE BROADENING EFFECTS ON THE OUTPUT OF A GAS LASER AFOSR68-1978
INDIVIDUAL PERFORMANCE AND SELF-EVALUATION AS A FUNCTION OF LEVEL OF TEAM OUTPUT FINAL REPORT SEPT 1967 AFOSR67-2494

OVAL

THE AURORAL OVAL AND THE SCINTILLATION BOUNDARY AFOSR68-0360
LARGE DEFLECTIONS OF AN AXIALLY COMPRESSED OVAL CYLINDRICAL SHELL AFOSR67-2067

OVERLAPPING

INFLUENCE OF NONMAGNETIC IMPURITIES ON SUPERCONDUCTORS WITH OVERLAPPING BANDS AFOSR67-2765

OVERTURNING

CONVECTIVE OVERTURNING AND SUMMER STORMS AFOSR68-0183

OXIDES

THE DIFFER STRUCTURE OF METAL OXIDES
 IONIC DIFFUSION IN SOLID METAL OXIDES FINAL REPORT OCT 1967
 OXYGEN ACTIVITY GRADIENTS IN METAL OXIDES UNDER APPLIED ELECTRIC POTENTIALS AND THEIR INFLUENCE ON TRANSFERENCE NUMBER
 ELECTRICAL PROPERTIES OF BARR PARTH OXIDES FINAL REPORT OCT 1967
 THE CRYSTALLINITY OF SOLID NITROGEN OXIDES SODIUM HYPONITRITE FINAL REPORT APRIL 1967
 DIFFUSION OF METALLIC IONS IN METALLIC OXIDES
 MICROHARDNESS ANISOTROPY IN ROCK SALT STRUCTURE OXIDES
 CONFORMATIONAL FLEXIBILITY OF THIANTHRENE AND ITS OXIDES
 THE ELECTRICAL AND OPTICAL PROPERTIES OF REFRACTORY OXIDES FINAL REPORT DECEMBER 1968
 SOLID STATE STUDIES OF ALKALI METALS IN TRANSITION-METAL OXIDES
 DIRECT CONFORMATIONAL CORRELATION OF SULFOXIDES AND PHOSPHINE OXIDES BY INTERSYSTEM MATCHING OF COTTON EFFECTS
 USE OF MICROANALYSIS FOR DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES
 SYNTHESIS AND ABSOLUTE CONFIGURATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES AND PHOSPHINATES
 OVERSAMPLING-TEMPERATURE EFFECTS ON CHARGE TRANSPORT IN TRANSITION-METAL OXIDES FINAL REPORT MAY 1968
 USE OF A MICROANALYSIS IN DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES
 REARRANGEMENT OF ALLYL PHOSPHINATES AND OPTICAL STABILITY OF ALLYL PHOSPHINE OXIDES
 HIGH TEMPERATURE ACID-BASE REACTIONS-II METHYL-AMMONIUM CHLORIDE WITH CERTAIN METAL OXIDES
 A NEW ROUTE TO THE PREPARATION AND CONFIGURATIONAL CORRELATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES

ARL 67-1160
 AFOSR67-2632
 ARL 68-1156
 AFOSR67-2649
 AFOSR67-1029
 ARL 67-1154
 ARL 68-1176
 AFOSR67-2416
 ARL 68-0281
 AFOSR67-2730
 AFOSR68-2933
 ARL 68-1144
 AFOSR68-2406
 AFOSR68-0988
 ARL 67-0160
 AFOSR68-1908
 AFOSR67-1906
 AFOSR67-2370

OXIDIZER

ADVANCED OXIDIZER CHEMISTRY
 ADVANCED OXIDIZER CHEMISTRY
 ADVANCED OXIDIZER CHEMISTRY
 ADVANCED OXIDIZER CHEMISTRY
 ADVANCED OXIDIZER CHEMISTRY
 ADVANCED OXIDIZER CHEMISTRY FINAL REPORT APRIL 1968
 ADVANCED OXIDIZER CHEMISTRY
 ADVANCED OXIDIZER CHEMISTRY
 ADVANCED OXIDIZER CHEMISTRY

AFOSR67-0386
 AFOSR67-1821
 AFOSR67-1896
 AFOSR67-2648
 AFOSR68-1207
 AFOSR68-1209
 AFOSR68-1871
 AFOSR68-2068
 AFOSR68-2846

OXIDIZERS

COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS FINAL REPORT JUNE 1967
 COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
 COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
 COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
 COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
 COMBUSTION CHARACTERISTICS OF CRYSTALLINE OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS FINAL REPORT DEC 1967
 SOME FUNDAMENTAL PROBLEMS ON THE COMBUSTION OF LIQUID OXIDIZERS IN HYDROGEN

AFOSR67-2027
 AFOSR67-2419
 AFOSR68-0470
 AFOSR68-1310
 AFOSR68-1851
 AFOSR68-1988
 AFOSR67-0382
 AFOSR67-0929
 AFOSR67-1708
 AFOSR67-2411
 AFOSR68-0002
 AFOSR68-1195

OXIDIZING

FLAME PROPAGATION OVER THE SURFACE OF A PLASTIC FUEL IN AN OXIDIZING ATMOSPHERE FINAL REPORT OCT 1967

AFOSR68-1163

OXYDE

OPTICAL PROPERTIES OF CUPROUS OXYDE IN THE ULTRAVIOLET OPTICAL PROPERTIES OF CUPROUS OXYDE IN THE ULTRAVIOLET

ARL 67-0241

OXYFLUORIDE

NEW OXYFLUORINE PHASES OF THE RARE-EARTH METALS AND YTTRIUM

AFOSR68-2143

OXYGEN

OXYGEN ACTIVITY GRADIENTS IN METAL OXIDES UNDER APPLIED ELECTRIC POTENTIALS AND THEIR INFLUENCE ON TRANSFERENCE NUMBER
 OXYGEN DIFFUSION
 NEUTRAL OXYGEN IN LATE-TYPE STARS
 INVESTIGATIONS OF OXYGEN PLASMAS FINAL REPORT FEB 1967
 TRACE DETERMINATION OF OXYGEN BY REACTION WITH PENTACYANOCORALATE 212 COUPLED TO COORDINATION CHAIN
 GEOMETRY OF MOLECULES III OXYGEN DIFLUORIDE LITHIUM OXIDE HYDROGEN HYPOFLUORITE LITHIUM HYDROXIDE
 INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE - PART I KINETIC RESULTS
 INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE PART II DISCUSSION AND EVALUATION OF VELOCITY CONSTANTS
 THE THERMAL DECOMPOSITION OF OXYGEN DIFLUORIDE IN A FLOW SYSTEM
 THE DIFFUSIONAL PROPERTIES OF OXYGEN IN NIOBIUM PENTOXIDE CRYSTALS AND SCALES FORMED ON NIOBIUM
 FIRST LIMIT OF THE HYDROGEN AND OXYGEN REACTION IN VESSELS COATED WITH BARIUM BROMIDE
 SCATTERING OF ALPHA PARTICLES BY OXYGEN I BOMBARDING ENERGY RANGE 5.0 TO 10.0 MEV
 SCATTERING OF ALPHA PARTICLES BY OXYGEN II BOMBARDING ENERGY RANGE 10 TO 19 MEV
 MAGNETIC PROPERTIES OF HIGH PURITY OXYGEN AS RELATED TO THE DEFECT STRUCTURE
 INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES
 INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES FINAL REPORT OCT 1968
 DEFLUORINATION OF CARBON NITROGEN AND OXYGEN IN SILICON BY ACTIVATION ANALYSIS
 A STUDY OF THE CHEMILUMINESCENCE FROM OXYGEN ATOM-HYDRAZINE PLASMAS
 RADIATION STUDIES OF ARC HEATED NITROGEN, OXYGEN, AND ARGON PLASMAS FINAL REPORT MAY 1968
 DETERMINATION OF OXYGEN-ZIRCONIUM RATIO IN OXYGEN DEFICIENT ZIRCONIA
 OXYDOPEROXIDE /O/ REACTION OF FERROPEROXIDE WITH OXYGEN/
 NEEL TRANSFORMATION IN NEAR-STOICHIOMETRIC $1/2$ IN $Sr_{1-x}O_{2-x}$
 ALTITUDE PROFILE OF THE INFRARED ATMOSPHERIC SYSTEM OF OXYGEN IN THE DAYGLOW
 INHIBITION OF THE THERMAL REACTION BETWEEN HYDROGEN AND OXYGEN FINAL REPORT DEC 1968
 INTERPRETATION OF INDUCTION PERIODS IN THE HYDROGEN PLUS OXYGEN REACTION IN AGED BORIC-ACID-COATED VESSELS
 SYSTEM FOR MEASURING MICROGRAM WEIGHT CHANGES UNDER CONTROLLED OXYGEN PARTIAL PRESSURE TO 1000 DEGREES C
 INTERPRETATION OF THE SLOW REACTION AND SLOW LIMIT OF HYDROGEN PLUS OXYGEN MIXTURES BY COMPUTER METHODS
 RADIOLYSIS OF NEUTRAL AQUEOUS SOLUTIONS OF CYSTEINE IN THE PRESENCE OF OXYGEN
 KINETICS OF THE ATTACK OF HIGH-TEMPERATURE HYDROGEN AND TUNGSTEN BY ATOMIC OXYGEN
 CONSTANT PRESSURE FLAME CALORIMETRY WITH FLUORINE II THE HEAT OF FORMATION OF OXYGEN DIFLUORIDE
 BALL-CONDUCE OBSERVATIONS OF BRIGHTNESS VARIATIONS IN THE 1.27 MICRON BAND OF OXYGEN IN THE DAY AND TWILIGHT AIRGLOW
 BURNING VELOCITIES IN MIXTURES OF METHYL ALCOHOL FORMALDEHYDE OR FORMIC ACID WITH OXYGEN
 SURFACE RECOMBINATION EFFICIENCIES IN FLOWS CONTAINING STEP-FUNCTION INCREASES IN ATOMIC OXYGEN FINAL REPORT MARCH
 PROPERTIES OF THE $1/2$ -DIMENSIONAL $3/2$ SUPERMULTIPLETS OF NEGATIVE-PARITY EXCITATIONS OF OXYGEN 16 USING REALISTIC
 THE OXIDATIVE CLEAVAGE OF ORGANOSILANES III OZONE AND THE SILICON-ALKYL-ARYL-HYDROGEN AND -OXYGEN BONDS
 COMPARATIVE STUDIES OF THE ATTACK OF PYROLYTIC AND ISOTROPIC GRAPHITE BY ATOMIC AND MOLECULAR OXYGEN AT HIGH
 CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES III THE POSITIVE COLUMN IN D-C LOW DISCHARGES THROUGH OXYGEN
 THE REVERSIBLE THERMAL DECOMPOSITION OF TRIPHENYLMETHYLPEROXY RADICAL TO TRIPHENYLMETHYL RADICAL AND OXYGEN
 NONRADIANT DECOMPOSITION OF N_2O_2 IN THE DEACTIVATION OF O /SUPER I O/ BY O_2 IN THE DEACTIVATION OF OXYGEN

ARL 68-1155
 ARL 68-1159
 AFOSR67-1332
 AFOSR67-0181
 AFOSR67-2654
 AFOSR67-2404
 AFOSR67-0563
 AFOSR67-0586
 AFOSR68-1356
 AFOSR68-1148
 AFOSR67-1990
 AFOSR68-0897
 AFOSR68-0904
 AFOSR68-1873
 AFOSR67-2431
 AFOSR68-2581
 AFOSR67-0827
 AFOSR67-1049
 ARL 68-0103
 ARL 68-0166
 AFOSR67-1606
 AFOSR68-1872
 AFOSR68-0500
 AFOSR67-0678
 AFOSR68-1275
 ARL 68-0088
 AFOSR68-1272
 AFOSR68-2519
 AFOSR67-1086
 AFOSR68-1882
 AFOSR68-0157
 AFOSR68-1203
 AFOSR68-0893
 AFOSR67-2691
 ARL 67-0079
 AFOSR68-1286
 AFOSR67-0665
 AFOSR67-1283
 AFOSR67-2642

OXYGEN-DEFICIENT

SOLID-STATE STUDIES OF OXYGEN-DEFICIENT TANTALUM PENTOXIDE

AFOSR67-1437

OSYGFN-NITROGEN
FRACTIONS OF O PLUS NMP IONS IN HELIUM-OXYGEN AND HELIUM-OXYGEN-NITROGEN MIXTURES FINAL REPORT SEPT 1966 AFCL67-0092

OXYGEN-ZINCUMINUM
DETERMINATION OF OXYGEN-ZINCUMINUM RATIO IN OXYGEN DEFICIENT ZIRCONIA ARL 66-0106

OSYHYNHJGFN
EVIDENCE FOR THE PARTICIPATION OF THE REDUCTIVE PENTOSE PHOSPHATE CYCLE IN PHOTOREDUCTION AND THE OXYHYDROGEN REACTION AFOSR67-1780

OXYDEROXIDASH
OXYDEROXIDASE /THE REACTION OF PEROXIDASE WITH OXYGEN/ AFOSR67-1686

MYTDCIN
THE EFFECT OF OXYTOCIN AND ADRENALINE ON BLOOD FLOW IN THE HIND LIMB OF THE DOG FOLLOWING CHRONIC LUMBAR SYMPATHECTOMY AFOSR67-2572
AN EXAMINATION OF CERTAIN FACTORS WHICH MIGHT OR DO AFFECT THE VASCULAR RESPONSE TO OXYTOCIN AFOSR66-0813

OZONE
OZONE DISTRIBUTION OVER TALLAHASSEE FLORIDA AFCL67-0387
THE INFRARED ABSORPTION BANDS OF OZONE AFCL67-0237
THE OXIDATIVE CLEAVAGE OF ORGANOSILANES III OZONE AND THE SILICON-ALKYL-ARYL-HYDROGEN AND -OXYGEN BONDS ARL 67-0070
SUBSTITUENT EFFECTS IN THE OXIDATIVE OF ORGANOSILANES BY OZONE ARL 66-0316
COMPARISON OF CHEMILUMINESCENT AND UVPFR OBSERVATIONS OF OZONE AFCL67-0388
ATMOSPHERIC ABSORPTION OF SOLAR RADIATION BY THE 9.8 MICRON OZONE BAND AFCL67-0572
A STRATOSPHERIC GENERAL CIRCULATION EXPERIMENT INCORPORATING DIABATIC HEATING AND OZONE PHOTOCHEMISTRY AFCL67-0344
FURTHER APPLICATIONS OF THE CHEMILUMINESCENT METHOD FOR THE MEASUREMENT OF ATMOSPHERIC OZONE FINAL REPORT JAN 1967 AFCL67-0829
DEVELOPMENT OF INSTRUMENTATION WHICH WILL ALLOW MEASUREMENT OF THE INFRARED REFRACTIVE INDEX OF OZONE FINAL REPORT APR AFCL66-0867

OZONE-HYDROSILANE
THE INTERRELATION BETWEEN THE SI-H STRETCHING FREQUENCY /MU SUB SI-H SI-H/ AND REACTIVITY IN THE OZONE-HYDROSILANE ARL 66-1086

OZONE-SOON
OZONE-SOON BUBBLER TYPE FINAL REPORT JULY 1966 AFCL66-0489

P-WAVE
P-WAVE VELOCITIES IN THE MANTLE BELOW 700 KM AFOSR67-2092
A SYNTHESIS OF SHORT-PERIOD P-WAVE RECORDS FROM DISTANT EXPLOSION SOURCES AFCL67-0640

P-XYLENE
INTRAMOLECULAR FORMATION OF P-METHYLENZYL RADICAL FROM P-XYLENE AFOSR66-1761

PACIFIC
SEISMICITY AND TECTONICS OF THE NORTHEAST PACIFIC OCEAN AFCL66-0385

PACKED
FACTORS AFFECTING THE INITIAL PLASTIC BEHAVIOR OF CLOSE PACKED METAL SINGLE CRYSTALS FINAL REPORT APRIL 1966 AFOSR66-1109

PAGE
PAGE APPROXIMANTS AND ROUNDS ON THE BETHP-SALPETER AMPLITUDE AFOSR67-0568
CONVERGENCE OF PAGE APPROXIMANTS FOR THE BETHP-SALPETER AMPLITUDE AFOSR67-2145

PAGEOS
WIDE BAND /VISUAL SPECTRUM/ PHOTOELECTRIC PHOTOMETRY OF PAGEOS DURING ITS FIRST FIFTEEN MONTHS IN ORBIT ARL 66-1140

PAIN
A QUANTITATIVE STUDY OF PAIN AND ITS REDUCTION THROUGH HYPNOTIC SUGGESTION AFOSR67-2212
THE MEASUREMENT OF SUPRATHRESHOLD PAIN AFOSR67-1197
THE USE OF PAIN-STATE REPORTS IN THE STUDY OF HYPNOTIC ANALGESIA TO THE PAIN OF ICE WATER AFOSR67-2729

PAIN-STATE
THE USE OF PAIN-STATE REPORTS IN THE STUDY OF HYPNOTIC ANALGESIA TO THE PAIN OF ICE WATER AFOSR67-2729

PAIR
PAIR SPECTRA IN CDS CRYSTALS ARL 66-0799
THE SIZE OF A LONE PAIR OF ELECTRONS EVIDENCE FOR AN AXIAL T-BUTYL GROUP AFOSR67-0093
LOWER BOUNDS ON THE DECAY RATE FOR MU PAIR PRODUCTION FROM THE ETA PARTICLE AFOSR66-0276
THE DETERMINATION OF THE STRESS INTENSITY FACTORS OF A PAIR OF COPLANAR GRIFFITH CRACKS WHOSE SURFACES ARE LOADED AFOSR66-2106

PAIRED-ASSOCIATE
STIMULUS RECOGNITION IN AURAL PAIRED-ASSOCIATE LEARNING AFOSR67-1828
STIMULUS PRONUNCIABILITY IN AURAL PAIRED-ASSOCIATE LEARNING AFOSR67-1827

PAIRS
DERIVATION PAIRS ON THE MECHANISM OF FUNCTIONALIZATION OF ION PAIRS COMPOSED OF SUBSTITUTED AMINE PICRATES IN ACETONITRILE AFOSR66-0780
ELECTRONIC AND OPTICAL SPECTRA OF ION PAIRS COMPOSED OF SUBSTITUTED AMINE PICRATES IN ACETONITRILE AFOSR66-1694
PHOTOPRODUCTION AND ELECTROLYTICALLY FORMED PAIRS AFCL67-0076
LOCAL WIND STUDIES OF T-POCKET COMPLEXES IN 66-45 AND R-P PAIRS IN 67 FINAL REPORT APR 1966 AFCL66-0106
A PRINCIPLE FOR DETERMINING INSTANTANEOUS FORMULA FOR INTERNAL THERMOCHEMICAL PAIRS OF A GENERAL KIND AFOSR66-1190
SELF-FIELD LIMITING TO JUNCTION TRANSPORT OF SUPERCONDUCTING ELECTRON PAIRS AFOSR67-0770

PAJAMES
U.S. VULNERABILITY OF PORTLAND CEMENT AND FAST CEMENT TO VULNERABILITY TO PLOTS IN PAJAMES AFOSR66-1471

PAKISTAN
HIGH FREQUENCY WAVE PHASE VELOCITY FOR THE NEW ZEALAND TONGA-PAKISTAN-INDIA SYSTEM AFOSR67-1822

PARALLEL

PARALLEL VERSUS SERIAL PROCESSES IN MULTIDIMENSIONAL STIMULUS DISCRIMINATION
 PARALLEL AND CENTRAL TRANSFORMATIONS OF RIEMANNIAN MANIFOLDS
 A PARALLEL ACCUMULATOR FOR A GENERAL-PURPOSE COMPUTER
 LAMINAR PARALLEL PLATE FLOW WITH ARBITRARY THERMAL CONDITIONS FINAL REPORT JAN 1967
 SIMULTANEOUS PARALLEL PUMPING OF NUCLEAR AND ELECTRONIC SPIN WAVES
 MEASUREMENT OF PARALLEL /MULTIPLE/ SLITS WITH A MODIFIED WEISSBERG GONIOMETER
 ALGEBRA AUTOMATA I PARALLEL PROGRAMMING AS A PROLEGOMENA TO THE CATEGORICAL APPROACH
 SEQUENTIAL EQUIVALENCE OF PARALLEL PROCESSES
 A NOTE ON THE MIXING OF TWO PARALLEL SUBSONIC STREAMS
 ON TWO ARBITRARILY LOCATED IDENTICAL PARALLEL ANTENNAS
 NON-LINEAR HEAT TRANSFER BETWEEN TWO PARALLEL PLATES ACCORDING TO A MODEL WITH CORRECT PRANDTL NUMBER
 THEORETICAL STUDY OF DIPOLE ARRAY OF N PARALLEL ELEMENTS
 MAGNETOHYDRODYNAMIC LUBRICATION FLOW BETWEEN PARALLEL PLATES
 PHOTON-ASSISTED MAGNETOTUNNELING IN GERMANIUM IN PARALLEL AND CROSSED ELECTRIC AND MAGNETIC FIELDS
 THE INTERACTION BETWEEN ELECTRIC AND COLUMNS AND PARALLEL OR TRANSVERSE GAS FLOW
 IMPLEMENTATION OF LIF GROUP TRANSFORMS OF SPATIAL DATA ON PARALLEL LOGIC ARRAYS
 THEORY OF TUNNELING INCLUDING PHOTON-ASSISTED TUNNELING IN SEMICONDUCTORS IN CROSSED AND PARALLEL ELECTRIC AND

AFOSR67-1808
 AFOSR68-1974
 AFOSR68-1820
 ARL 67-0003
 AFOSR68-0808
 AFOSR67-1785
 AFOSR68-0453
 AFOSR67-0758
 ARL 68-0035
 AFCL67-0240
 AFOSR67-1916
 AFCL67-0404
 AFOSR67-0324
 AFOSR68-0178
 ARL 68-1329
 AFCL68-0443
 AFOSR68-0334

PARALLEL-HYBRID

RESEARCH AND DEVELOPMENT OF PARALLEL-HYBRID MODELS

AFCL68-0147

PARALLEL-PUMP

MAGNETOELASTIC PARALLEL-PUMP INSTABILITIES FOR GENERALLY DIRECTED WAVES

AFCL67-0663

PARALLEL-FLD

SIMULTANEOUS APPROXIMATION IN GAIN AND PHASE OF TWO-PORTS USING LATTICE OF PARALLELED RESONATORS

AFCL67-0562

PARAMAGNETIC

PARAMAGNETIC RESONANCES OF COPPER LITHIUM MAGNESIUM OXIDE AT 1.2 DEGREES POTASSIUM
 PARAMAGNETIC RESONANCE IN RARE EARTH METALS FINAL REPORT JUNE 1967
 PARAMAGNETIC RESONANCE SPECTRA OF METHYL RADICALS ON POROUS GLASS SURFACES
 PARAMAGNETIC RESONANCE OF IRON-COPPER IRON-SILVER AND IRON-LITHIUM ASSOCIATES IN TWO-FOUR COMPOUNDS
 ELECTRON PARAMAGNETIC RESONANCE OF METHYL RADICALS ON POROUS GLASS SURFACE
 ELECTRON PARAMAGNETIC RESONANCE OF COPPER IN BERYLLIUM OXIDE
 ELECTRON PARAMAGNETIC RESONANCE OF Cu^{2+} UPPER 2 PLUS IN LIP
 THEORY OF PARAMAGNETIC IMPURITIES IN SEMICONDUCTORS
 HIGH FREQUENCY PARAMAGNETIC RESONANCE FINAL REPORT APRIL 1968
 QUESTION OF SINGLE STATES OF PARAMAGNETIC IMPURITIES IN METALS
 NUCLEAR SPIN-LATTICE RELAXATION VIA PARAMAGNETIC CENTERS
 HOST CRYSTAL EFFECTS ON THE ELECTRON PARAMAGNETIC RESONANCE OF ERBIUM AND TRIVALENT YTTERBIUM IN II-VI COMPOUNDS
 RATES OF EXCHANGE OF SOLVENT MOLECULES WITH PARAMAGNETIC IONS FINAL REPORT FEB 1967
 RATES OF EXCHANGE OF SOLVENT MOLECULES WITH PARAMAGNETIC IONS FINAL REPORT OCT 1967
 A NUCLEAR MAGNETIC RESONANCE INVESTIGATION OF PARAMAGNETIC RELAXATION IN VISCOUS SOLUTIONS
 THE REACTION OF MOLECULES IN EXCITED ELECTRONIC STATES WITH PARAMAGNETIC GASES FINAL REPORT FEB 1967
 NUCLEAR SPIN-LATTICE RELAXATION IN CALCIUM FLUORIDE CRYSTALS VIA PARAMAGNETIC CENTERS
 ARBITRARY COMBINING COMPLEXES OF CORALY SPECTRAL MAGNETIC AND ELECTRON PARAMAGNETIC RESONANCE STUDIES

AFOSR67-0052
 AFOSR67-1961
 AFOSR67-2263
 AFOSR68-1876
 AFOSR67-0196
 AFOSR68-0149
 ARL 67-1152
 AFOSR67-0788
 AFOSR68-1002
 AFOSR67-1057
 AFOSR67-0831
 AFOSR67-0797
 AFOSR67-0663
 AFOSR67-2387
 AFOSR68-0720
 AFOSR67-0280
 AFOSR68-0836
 AFOSR67-2796

PARAMAGNETISM

EFFECT OF PARAMAGNETISM AND SPIN-ORBIT SCATTERING ON H SUB CSUB 2 OR ZIRCONIUM-NIOBIUM ALLOYS
 EFFECT OF PAULI PARAMAGNETISM ON MAGNETIC PROPERTIES OF HIGH-FIELD SUPERCONDUCTORS

AFOSR67-1017
 AFOSR67-0040

PARAMETER

TRANSMISSION LINE PARAMETER MEASUREMENTS - STANDING WAVE IMPEDANCE PROB
 INPUT SELECTION FOR PARAMETER IDENTIFICATION IN DISCRETE SYSTEMS
 CONTROL OF A DISTRIBUTED PARAMETER SYSTEM WITH A ROOF BOUNDARY
 FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II SUPERCONDUCTORS II PURE LIMIT
 FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II SUPERCONDUCTORS I DIRTY LIMIT
 RESULTS ON LOCATION AND SCALE PARAMETER ESTIMATION WITH APPLICATION TO THE EXTREME-VALUE DISTRIBUTION
 A PARAMETRIC APPROACH TO THE PARAMETER SENSITIVITY PROBLEM
 ON THE FEEDBACK CONTROL OF DISTRIBUTED PARAMETER SYSTEMS
 RELAXATION OF THE SUPERCONDUCTING ORDER PARAMETER
 OPTIMUM SPACE-TIME SIGNAL PROCESSING AND PARAMETER ESTIMATION
 CONDITIONAL LINEAR ESTIMATION OF THE SCALE PARAMETER OF THE EXTREME-VALUE DISTRIBUTION BY USE OF SELECTED ORDER
 A NEW METHOD OF ESTIMATING THE WEIBULL SHAPE PARAMETER
 RESULTS AND PROBLEMS IN THE THEORY OF DISTRIBUTED PARAMETER SYSTEMS
 SECOND-ORDER LINEAR PARABOLIC EQUATIONS WITH A SMALL PARAMETER
 POINT AND INTERVAL ESTIMATION PROCEDURES FOR THE TWO-PARAMETER WEIBULL AND EXTREME-VALUE DISTRIBUTIONS
 THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED PARAMETER SYSTEMS - I
 THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED PARAMETER SYSTEMS - II
 MAXIMUM-LIKELIHOOD ESTIMATION OF THE PARAMETERS OF A FOUR-PARAMETER GENERALIZED GAMMA POPULATION FROM COMPLETE AND
 DISCRETEIZATION SCHEMES AND THE OPTIMAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS
 DESIGN FOR MAINTENANCE OF THE SYSTEM RANDOMNESS IN THE PRESENCE OF PARAMETER CHANGES FINAL REPORT MAR 1967
 POINT INTERVAL ESTIMATION FROM ONE-SAMPLE STATISTICS OF THE LOCATION PARAMETER OF AN EXTREME-VALUE DISTRIBUTION WITH
 OPTIMAL ADAPTIVE FILTER REALIZATIONS FOR SAMPLE STOCHASTIC PROCESSES WITH AN UNKNOWN PARAMETER
 JUMPS ACROSS TRANSVERSE IONIZING AND SHOCK WAVES IN NEAL HYDROGEN USING B COMPRESSION AS A PARAMETER AN EXPLICIT

AFCL67-0505
 AFOSR68-0865
 AFOSR68-0215
 AFOSR67-2467
 AFOSR67-2484
 ARL 67-0023
 AFOSR68-0327
 AFOSR67-0442
 AFOSR67-2769
 AFCL68-0464
 ARL 67-1005
 ARL 68-0076
 AFOSR68-2146
 AFOSR68-0967
 ARL 68-0246
 AFOSR68-0533
 AFOSR68-0544
 ARL 67-0089
 AFOSR68-2030
 ARL 67-0007
 ARL 67-0027
 AFOSR67-1586
 ARL 68-0006

PARAMETERIZED

NUMERICAL EXPERIMENTS WITH A VERTICALLY PARAMETERIZED MODEL DESIGNED TO STUDY THE EFFECTS OF HIGH-LEVEL HEATING ON THE

AFCL68-0571

PARAMETERS

PARAMETERS OF HYPNOSIS WITH SPECIAL REFERENCE TO POSTHYPNOTIC AMNESIA AND HYPNOTIC ANALGESIA FINAL REPORT OCT 1968
 LINE PARAMETERS OF THE INFRARED METHANE BANDS
 BAND PARAMETERS DETERMINATION FROM PARADAY ROTATION MEASUREMENTS
 BASIC PARAMETERS FOR FILMS AND IMAGE INTENSIFIER-FILM COMBINATIONS AND PERFORMANCE COMPARISON FINAL REPORT MARCH 1968
 LATTICE PARAMETERS OF IRON-RICH IRON-GALLIUM ALLOYS
 OPTICAL PARAMETERS FOR THE PLASTIC SCATTERING OF HELIUM-3 BY HELIUM-4
 LATTICE PARAMETERS AND GROWTH CHARACTERISTICS OF SOME II-VI SEMICONDUCTING COMPOUNDS
 MAGNETIC PARAMETERS FOR THE CONFIGURATION OF
 ESTIMATION OF PARAMETERS OF LIFE DISTRIBUTIONS
 STRENGTH OF SCALAR PARAMETERS OF NATURAL SOIL SURFACES AND THEIR APPLICATION TO THE LANDING PROBLEM OF AIRCRAFT
 EQUATION-OF-STATE PARAMETERS FOR NORMAL ALKANES CORRELATION WITH CHAIN LENGTH
 ESTIMATION OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION
 THE CALCULATION OF PARAMETERS OF THE MOFFITT EQUATION FOR ROTATORY DISPERSION DATA
 GENERALIZED NETWORK PARAMETERS FOR BODIES OF REVOLUTION
 PHYSICAL ASPECTS AND PARAMETERS OF THE PHOTOGRAPHIC PROCESS AND THEIR IMPLICATIONS WITH RESPECT TO SENSITIVITY AND
 INTERACTION POTENTIAL PARAMETERS OF SOLID NEON AND ARGON
 MEASUREMENT OF THE FOR PARAMETERS OF CCL IN CLINIC CADMIUM SULFIDE
 THE DETERMINATION OF ANTENNA PARAMETERS BY THE USE OF EXTRA-TERRESTRIAL RADIO SOURCES

AFOSR68-1901
 AFCL68-0521
 ARL 67-0284
 ARL 68-0073
 AFOSR67-1224
 AFOSR67-2188
 ARL 68-0252
 AFOSR68-2041
 ARL 67-1252
 AFCL67-0583
 AFOSR68-0710
 ARL 67-0254
 AFOSR67-0536
 AFCL68-0782
 ARL 68-0259
 AFOSR67-1781
 ARL 67-1255
 AFCL68-0231

| | |
|--|---------------|
| SUPERCONDUCTIVITY AND LATTICE PARAMETERS IN FACE-CENTERED CUBIC PLATINUM TUNGSTEN AND PALLADIUM TUNGSTEN SOLID | AFOSR66-1866 |
| ABSOLUTE DETERMINATION OF FLOW PARAMETERS IN A LOW DENSITY HYPERSONIC TUNNEL, PART I ELECTRON BEAM STUDIES OF | ARL 66-1114 |
| STUDY OF THE EFFECTS OF ATMOSPHERIC PARAMETERS ON INFRARED TRANSMISSION MEASUREMENTS AND THE EFFECTS ON NON-THERMAL OR | AFCLRL66-0088 |
| DETERMINATION OF CARBON DIOXIDE LINE PARAMETERS USING A CARBON DIOXIDE - NITROGEN-HELIUM LASER | AFOSR66-2119 |
| ON SYSTEMS WITH UNKNOWN OR UNCERTAIN PARAMETERS | AFOSR66-2274 |
| MAXIMUM-LIKELIHOOD ESTIMATION OF THE PARAMETERS OF A FOUR-PARAMETER GENERALIZED GAMMA POPULATION FROM COMPLETE AND | ARL 67-0089 |
| FURTHER RESULTS ON ESTIMATION OF THE PARAMETERS OF THE PEARSON TYPE III AND WEIBULL DISTRIBUTIONS IN THE NON-REGULAR | ARL 66-0207 |
| BEST LINEAR UNBIASED ESTIMATORS OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION USING ORDER STATISTIC | ARL 67-0261 |
| DETERMINATION OF NUCLEAR MATRIX ELEMENT PARAMETERS IN THE FIRST FORBIDDEN BETA DECAY OF AUSUPPER198 AND SUSUPPER192 | ARL 67-1044 |
| ANALYTICAL CONTRIBUTION TO THE GRUNISEN PARAMETERS OF SOLID ARGON KRYPTON AND XENON | AFOSR67-1681 |
| RELATIVISTIC SPINOR FORMULATION OF STOKES PARAMETERS WITH APPLICATION TO THE INVERSE COMPTON EFFECT | AFOSR67-1045 |
| INDEPENDENT ESTIMATION OF STOCHASTIC SYSTEM PARAMETERS | AFOSR67-1244 |
| OPTIMIZATION OF THE CRITICAL INSTRUMENTAL PARAMETERS FOR ACHIEVING MAXIMUM SENSITIVITY AND PRECISION IN | AFOSR66-0354 |
| WILCOXON CONFIDENCE INTERVALS FOR LOCATION PARAMETERS IN THE DISCRETE CASE | AFOSR67-1409 |
| SPECTRAL REPRESENTATIONS FOR SYMMETRY-BREAKING PARAMETERS | AFOSR66-2724 |
| USE OF SIGNAL-TO-NOISE RATIO THEORY TO EVALUATE PARAMETERS CHARACTERISTIC OF MULTIPLIER PHOTOTUBES | AFOSR66-0356 |
| ONE-ORDER-STATISTIC CONDITIONAL ESTIMATORS OF SHAPE PARAMETERS OF LIMITED AND PARETO DISTRIBUTIONS AND SCALE | ARL 66-0038 |
| MINIMIZATION OF BOOLEAN FUNCTIONS CONTAINING ARBITRARY PARAMETERS | AFOSR67-1891 |
| SIMULTANEOUS LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE EXTREME-VALUE DISTRIBUTION USING SELECTED | ARL 67-1004 |
| ELECTRICAL CONDUCTIVITY OF MAGNETOPLASMAS PART II-EFFECTIVE PARAMETERS FOR NON-MAXWELLIAN DISTRIBUTIONS | AFCLRL67-0920 |
| MAXIMUM-LIKELIHOOD ESTIMATION, FROM CENSORED SAMPLES, OF THE PARAMETERS OF A LOGISTIC DISTRIBUTION | ARL 67-0184 |
| RECURSIVE COMPUTATIONS FOR THE OPTIMAL TRACKING OF TIME-VARYING PARAMETERS | AFOSR66-2941 |
| MAXIMUM-LIKELIHOOD ESTIMATION, FROM DOUBLY CENSORED SAMPLES, OF THE PARAMETERS OF THE FIRST ASYMPTOTIC DISTRIBUTION | ARL 66-0277 |
| CERTAIN GENERAL PROPERTIES OF UNBIASED ESTIMATES OF LOCATION AND SCALE PARAMETERS BASED ON ORDERED OBSERVATIONS | AFOSR66-1634 |
| ELECTRICAL CONDUCTIVITY OF MAGNETOPLASMAS PART I - GENERAL THEORY OF EFFECTIVE PARAMETERS | AFCLRL67-0527 |
| CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATORS, FROM SINGLY CENSORED SAMPLES, OF THE SCALE PARAMETERS OF TYPE II | ARL 66-0065 |
| CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATION, FROM SINGLY CENSORED SAMPLES, OF THE SHAPE PARAMETERS OF PARETO AND LIMITED | ARL 66-0278 |
| ELECTRON SPIN RESONANCE OF SEMIQUINONES SPIN-DENSITY DISTRIBUTION AND CARBONYL SIGMA-PI PARAMETERS | AFOSR66-0386 |
| ROCKET AND SATELLITE TECHNIQUES FOR MEASUREMENT OF ELECTRON DENSITY AND RELATED IONOSPHERIC PARAMETERS FINAL REPORT | AFCLRL66-0010 |
| ASYMPTOTIC VARIANCES AND COVARIANCES OF MAXIMUM-LIKELIHOOD ESTIMATORS FROM CENSORED SAMPLES OF THE PARAMETERS OF | ARL 67-0130 |
| THE FIRST BOUNDARY VALUE PROBLEM FOR CERTAIN LINEAR ELLIPTIC DIFFERENTIAL EQUATIONS INVOLVING TWO SMALL PARAMETERS | AFOSR67-2245 |
| A THEORY FOR THE SLIP-FLow BOUNDARY CONDITIONS OVER A SURFACE DEFINED BY ARBITRARY GAS-SURFACE INTERACTION PARAMETERS | AFOSR67-1911 |
| SINGULAR PERTURBATIONS OF BOUNDARY VALUE PROBLEMS FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS INVOLVING TWO PARAMETERS | AFOSR67-2345 |
| ENVIRONMENTAL EFFECTS ON THE INFRARED FREQUENCIES OF POLYATOMIC MOLECULES EVALUATION OF PERTURBATION-THEORY PARAMETERS | AFOSR67-0235 |
| PARAMETRIC | |
| PARAMETRIC PHENOMENA AS APPLIED TO VIBRATION ISOLATORS AND MECHANICAL AMPLIFIERS | AFOSR67-2085 |
| PARAMETRIC STUDY OF ROCKET INSTABILITY FINAL REPORT FEB 1968 | AFOSR66-0485 |
| PARAMETRIC RESONANCE OF ONE-DIMENSIONAL STRUCTURES SUBJECTED TO PERIODIC IMPACTS | AFOSR66-0753 |
| PARAMETRIC REPRESENTATIONS OF GAS-SURFACE INTERACTION DATA AND THE PROBLEM OF SLIP-FLow BOUNDARY CONDITIONS WITH | AFOSR66-0864 |
| PARAMETRIC STUDIES OF ELECTROHYDRODYNAMIC SPRAYING | AFOSR66-1235 |
| PARAMETRIC EXCITATION OF A NON-HOMOGENEOUS BERNOULLI-EULER BEAM | AFOSR66-1736 |
| PARAMETRIC ANALYSIS OF STATISTICAL COMMUNICATION NETS | AFOSR66-2425 |
| THE PARAMETRIC COUPLING OF MODES OF PROPAGATION IN NONLINEAR MEDIA | AFOSR66-0227 |
| QUANTUM THEORY OF PARAMETRIC AMPLIFICATION II | AFOSR66-0136 |
| QUANTUM THEORY OF PARAMETRIC AMPLIFICATION I | AFOSR66-0141 |
| A MONOLOGICAL APPROACH TO PARAMETRIC FEYNMAN INTEGRALS | AFOSR67-1639 |
| APPLICATION OF THE METHOD OF PARAMETRIC DIFFERENTIATION TO RADIATION GASDYNAMICS | AFOSR66-1862 |
| NONLINEAR OPTICAL AND PHONON PARAMETRIC INTERACTIONS | ARL 66-1440 |
| ON DYNAMICAL SYSTEMS WITH HIGH FREQUENCY PARAMETRIC EXCITATION | AFOSR66-2637 |
| SOLUTION OF NONLINEAR FLOW PROBLEMS THROUGH PARAMETRIC DIFFERENTIATION | AFOSR67-1900 |
| SOLUTION OF THE TRANSONIC AIRFOIL PROBLEM THROUGH PARAMETRIC DIFFERENTIATION | AFOSR67-1106 |
| DYNAMIC STABILITY OF A PENDULUM UNDER COEXISTENCE OF PARAMETRIC AND PARADOX EXCITATION | AFOSR66-0501 |
| ON THE OPTIMUM SYNTHESIS OF STATISTICAL COMMUNICATION NETS-PSEUDO PARAMETRIC TECHNIQUES | AFOSR66-0543 |
| AN APPROXIMATE SOLUTION OF THE BOUNDARY LAYER EQUATIONS USING THE METHOD OF PARAMETRIC DIFFERENTIATION | AFOSR67-1912 |
| PARAMETRICALLY | |
| SCATTERING AND PROPAGATION OF ELECTROMAGNETIC WAVES IN BOUNDED PARAMETRICALLY MODULATED MEDIA | AFOSR66-1662 |
| PARASITIC | |
| DISPERSION RELATIONS OF PERIODIC AND LOG-PERIODIC DIPOLE ARRAYS WITH PARASITIC ELEMENTS | AFCLRL67-0389 |
| PARETO | |
| ONE-ORDER-STATISTIC CONDITIONAL ESTIMATORS OF SHAPE PARAMETERS OF LIMITED AND PARETO DISTRIBUTIONS AND SCALE | ARL 66-0038 |
| CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATION, FROM SINGLY CENSORED SAMPLES, OF THE SHAPE PARAMETERS OF PARETO AND LIMITED | ARL 66-0278 |
| PARITY | |
| GROUND STATE PARITY OF SUPER 227 AC | ARL 66-0306 |
| THE REPRESENTATIONS OF THE SPIN AND PARITY OF THE B-MESON | ARL 66-1223 |
| THE ONE PION EXCHANGE CONTRIBUTION TO THE WEAK PARITY VIOLATING NUCLEON-NUCLEON POTENTIAL | AFOSR66-0509 |
| SOME OBSERVATIONS CONCERNING THE SUPERMULTIPLY OF NEGATIVE -PARITY EXCITED STATES IN THE ALPHA PARTICLE | AFOSR67-0572 |
| UNITARY AND ANTIUNITARY RAY REPRESENTATIONS OF THE PRODUCT OF N COMMUTING PARITY OPERATORS | AFOSR67-0700 |
| PARITY-NONCONSERVING | |
| PARITY-NONCONSERVING NUCLEAR FORCES | FOSR66-1704 |
| PARITY-VIOLATING | |
| STRONG INITIAL- AND FINAL-STATE INTERACTIONS IN NONRESONANT HYPER-NUCLEAR DECAYS AND IN PARITY-VIOLATING REACTIONS | *947-7029 |
| PARKFIELD | |
| PARKFIELD EARTHQUAKE OF JUNE 28 1966 MAGNITUDE AND SOURCE MECHANISM | AFOSR66-1436 |
| THE PARKFIELD CALIFORNIA EARTHQUAKES OF 1966 | AFOSR66-1446 |
| LOVE WAVE SPECTRA AND THE MECHANISM OF THE 1966 PARKFIELD SEQUENCE | AFOSR66-1432 |
| PARSING | |
| AN EFFICIENT CONTEXT-FREE PARSING ALGORITHM | AFOSR66-2185 |
| A REPRESENTATION SYSTEM FOR PARSING PROCEDURES | AFOSR66-1301 |
| PARTIAL | |
| PARTIAL ALGORITHM PROBLEMS FOR CONTEXT FREE LANGUAGES | AFCLRL67-0024 |
| PARTIAL SYMMETRY | AFOSR67-1060 |
| PARTIAL DIFFERENTIAL EQUATIONS CALCULUS OF VARIATIONS AND FLUID MECHANICS | AFOSR66-1417 |
| PARTIAL DIFFERENTIAL EQUATIONS OPERATOR THEORY AND APPLICATIONS | AFOSR66-1579 |
| PARTIAL RATE FACTORS IN THE NITRATION OF 10-METHYL-10, 9-BORAZAPHENANTHRENE | AFOSR66-1589 |
| PARTIAL DERIVATIVE OF T SUB C WITH RESPECT TO PRESSURE FOR TECHNETIUM AND A COMMENT ON ITS SIGN IN RELATION TO THE | AFOSR66-1806 |
| THEORY OF PARTIAL COHERENCE A REVIEW | AFCLRL67-0182 |

DETERMINATION OF PARTIAL PHOTOIONIZATION CROSS SECTIONS BY PHOTOELECTRON SPECTROSCOPY
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF FIRST ORDER
CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER
THE GOURSAT PROBLEM FOR THE PARTIAL DIFFERENTIAL EQUATION $u_{xy} = f(x, y, u)$
THE CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER
ON THE EQUIVALENCE OF SYSTEMS OF PARTIAL DIFFERENTIAL EQUATIONS
NETWORK FUNCTION DETERMINATION FROM PARTIAL SPECIFICATIONS
POLAR SETS AND REMOVABLE SINGULARITIES OF PARTIAL DIFFERENTIAL EQUATIONS
THE DISPERSION FOR NONLINEAR RELATIVISTIC EQUATIONS WITH PARTIAL DERIVATIVES /FRENCH/
RESONANCE DECAYS FROM OXYGEN-17 DYNAMICS A REGULARITY IN THE PARTIAL DECAY WIDTHS
THERMOGRAVIMETRIC DETERMINATION OF THE COMPOSITION-OXYGEN PARTIAL PRESSURE DIAGRAM OF MUSTITE /FE SUB 1VO/
COMPLEX FOURIER TRANSFORM TECHNIQUE IN VARIABLE COEFFICIENT PARTIAL DIFFERENTIAL EQUATIONS
SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE MATHEMATICAL
SYSTEM FOR MEASURING MICROGRAM WEIGHT CHANGES UNDER CONTROLLED OXYGEN PARTIAL PRESSURE TO 1800 DEGREES C
ON THE EXISTENCE UNIQUENESS AND STABILITY OF SOLUTIONS OF A THIRD ORDER PARTIAL DIFFERENTIAL EQUATION

PARTIAL-WAVE
THRESHOLD BEHAVIOR OF THREE-BODY PARTIAL-WAVE AMPLITUDES -II

PARTIALLY
RELATIONS BETWEEN PARTIALLY CONSERVED AXIAL-VECTOR CURRENT AXIAL-VECTOR CHARGE COMMUTATION RELATIONS AND CONSPIRACY
ANTENNA ARRAYS WITH PARTIALLY TAPERED AMPLITUDES
STABILITY OF IONIC AND PARTIALLY IONIC SURFACES
TRANSFORMS NUMBERS IN PARTIALLY EQUILIBRATED SAPPHIRE
EFFECTIVE OHMS LAW IN A PARTIALLY IONIZED PLASMA WITH ELECTRON DENSITY FLUCTUATIONS
DESIGN AND DEVELOPMENT OF PARTIALLY UNIFORM ARRAYS FINAL REPORT FEB 1968
EFFECTS OF NONELASTIC COLLISIONS IN PARTIALLY IONIZED GASES
THE EFFECT OF BIAS INJECTION ON HEAT TRANSFER FROM A PARTIALLY DISSOCIATED GAS STREAM
A SIMPLIFIED MODEL FOR THERMAL SHOCK AND SPALLATION IN PARTIALLY TRANSPARENT PLASTIC MATERIALS UNDER ENERGETIC
THEORY OF LANGMUIR PROBE CHARACTERISTICS FOR A COLLISION DOMINATED PARTIALLY IONIZED GAS FINAL REPT FEB 1967
LOW-ENERGY THEOREM FOR PION PHOTOPRODUCTION FROM THE HYPOTHESIS OF PARTIALLY CONSERVED AXIAL-VECTOR CURRENT
SPECTROSCOPIC INVESTIGATION OF ELECTRON TEMPERATURE DISTRIBUTION IN A NONEQUILIBRIUM PARTIALLY IONIZED FLOWING PLASMA

PARTICIPANT-OBSERVER
OFFICER TRAINING IN TRANSITION A PARTICIPANT-OBSERVER STUDY OF AN AIR FORCE ROTC SUMMER FIELD TRAINING UNIT

PARTICIPATION
EVIDENCE FOR THE PARTICIPATION OF THE REDUCTIVE PENTOSE PHOSPHATE CYCLE IN PHOTOREDUCTION AND THE OXYHYDROGEN REACTION

PARTICLE
PARTICLE SIZE DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF NaCl
PARTICLE HOLE STATES IN CLOSED SMALL NUCLEI
SINGLE PARTICLE GREEN'S FUNCTION FOR A ONE-DIMENSIONAL MANY-FERMION SYSTEM
DISPERSED PARTICLE AVOIDANCE IN Ni-NICKEL ALLOY
MICROSCOPIC PARTICLE SEPARATION AND APPLICATIONS FINAL REPORT FEB 1969
MICROSCOPIC PARTICLE SEPARATION AND APPLICATION
INFLUENCE OF PARTICLE SIZE DISTRIBUTION ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS
POSITIVE-ENERGY PARTICLE MODELS WITH MASS SPLITTING
RESEARCH IN ELEMENTARY PARTICLE PHYSICS FINAL REPORT JUNE 1968
SPACE AND TIME ASYMMETRIES IN PARTICLE PHYSICS
SPACE AND TIME ASYMMETRIES IN PARTICLE PHYSICS
THEORY OF MANY BODY PROBLEM AND PARTICLE PHYSICS FINAL REPORT JAN 1968
QUANTITATIVE STUDY OF DISPERSED PARTICLE STATISTICS WITH TRANSMISSION ELECTRON MICROSCOPY
PARTICLE-HOLE STATES IN THE ALPHA PARTICLE WITH REALISTIC FORCES
THE TWO USES OF NONCOMPACT GROUP IN PARTICLE PHYSICS AND THEIR PHYSICAL APPLICATIONS
SCATTERING CHARACTERISTICS OF TREATING PARTICLE CERAMIC POWDERS
STUDIES IN THE INTERACTION OF LIGHT AND PARTICLE BEAMS FINAL REPORT MARCH 1967
LANGMUIR PROBES FOR DETERMINING ATMOSPHERIC PARTICLE DENSITIES AND TEMPERATURES
TWO-NUCLEON INTERACTION AS A RESEARCH TOOL IN PARTICLE PHYSICS
ANALYSIS OF SPACE-TIME STRUCTURE IN ELEMENTARY PARTICLE PHYSICS
COMMENTS ON FURTHER APPLICATIONS OF THE THEORY OF PARTICLE COARSENING
CALCULATED RAMSAUER-TOWNSEND EFFECT IN ALPHA PARTICLE-ALPHA PARTICLE COLLISIONS
RESEARCH DIRECTED TOWARD MEASUREMENT OF THE ENERGETIC CHARGED PARTICLE ENVIRONMENT IN NEAR-EARTH SPACE FINAL REPORT
LOWER BOUND ON THE DECAY RATE FOR MU PAIR PRODUCTION FROM THE PTA PARTICLE
RESEARCH ON THEORETICAL HIGH ENERGY PHYSICS AND QUANTUM THEORY OF MANY PARTICLE SYSTEMS FINAL REPORT DEC 1967
SOME OBSERVATIONS CONCERNING THE SUPERMULTIPLY OF NEGATIVE-PARITY EXCITED STATES IN THE ALPHA PARTICLE
RESEARCH IN THE DESIGN DEVELOPMENT AND CONSTRUCTION OF NON-MAGNETIC SENSORS FOR MAGNETIC FIELD-CHARGED PARTICLE

PARTICLE-ALPHA
CALCULATED RAMSAUER-TOWNSEND EFFECT IN ALPHA PARTICLE-ALPHA PARTICLE COLLISIONS

PARTICLE-HOLE
PARTICLE-HOLE STATES IN THE ALPHA PARTICLE WITH REALISTIC FORCES
HIGHER-ORDER CORRECTIONS TO COLLECTIVE PARTICLE-HOLE EXCITATIONS USING GREEN FUNCTION TECHNIQUES

PARTICLES
PARTICLES AND SOURCES
SPECULATIONS ON PARTICLES SUPERSELECTION RULES AND COMPOSITES
REACTION OF K PLUS PARTICLES WITH PHOTONS INTO NEUTRAL K PLUS POSITIVE PION PLUS PROTONS AT 21.26 BEV/C
A SEARCH FOR ALPHA PARTICLES TRAPPED IN THE GEOMAGNETIC FIELD
AN EXPERIMENT WITH PARTICLES IN A FREE VORTEX
SCATTERING OF ALPHA PARTICLES BY OXYGEN I IONIZING ENERGY RANGE 5.8 TO 10.0 MEV
SCATTERING OF ALPHA PARTICLES BY OXYGEN II IONIZING ENERGY RANGE 10 TO 19 MEV
TRANSPORT OF CHARGED PARTICLES THROUGH GASES AND PLASMAS FINAL REPORT MAR 1968
SUPERCONDUCTIVITY AND PARTICLES SIZE IN HETEROGENEOUS COPPER LEAD ALLOY /GERMANY/
CHARGED COLLOIDAL SIZED PARTICLES FOR PROPULSION FINAL REPORT JAN 1968
LOW ENERGY HEAVY PRIMARY PARTICLES IN COSMIC RADIATION
ELEMENTARY AND COMPOSITE PARTICLES IN THE V-BETA SECTOR OF THE LEE MODEL
ENERGY LOSS MECHANISMS OF PARTICLES IN SEMICONDUCTORS FINAL REPORT FEB 1968
TOWERS AS SETS OF COMPOSITE PARTICLES AND TROUBLE WITH INFINITE-COMPONENT FIELD THEORIES
BEHAVIOR OF ULTRA-SMALL COLLOID PARTICLES
THEORETICAL STUDIES IN ELEMENTARY PARTICLES NUCLEAR & LOW TEMPERATURE PHYSICS
EVAPORATION OF SUBMICRON PLATINUM PARTICLES IN A SHOCK TUBE
INTERPOLATING FIELDS FOR ELEMENTARY PARTICLES IN THE LEP MODEL
ANGULAR DISTRIBUTIONS OF FAST SCATTERED PARTICLES RESULTING FROM COLLISIONS OF 1 - TO 60 KVP NOBLE GASES WITH METAL
DYNAMICS OF BINARY COLLISION AMONG FOUR PARTICLES
HIGH ENERGY NUCLEAR PHYSICS AND ELEMENTARY PARTICLES FINAL REPORT JUNE 1967
ON THE POLY-HYDROLYSIS TRANSFORMATION FOR PARTICLES IN AN ELECTROMAGNETIC FIELD

PARTICLES - CONTINUED

SHOCK STRUCTURE IN A GAS OF RIGID NONCENTRAL PARTICLES
ON THE EXPONENTIAL MASS SPECTRUM OF ELEMENTARY PARTICLES FINAL REPORT MARCH 1967
THE EFFECT OF A VELOCITY DISPERSION OF THE PRIMARY PARTICLES ON AURORAL LIGHT AND X-RAY PULSATIONS
THEORETICAL WORK IN QUANTUM FIELD THEORY AND ELEMENTARY PARTICLES FINAL REPORT JAN 1968
ON THE DETECTION OF MAGNETIC MICROSTRUCTURES WITH CHARGED PARTICLES
A PHOTOGRAPHIC DEVICE FOR THE IDENTIFICATION OF MULTIPLY CHARGED PARTICLES STOPPING IN NUCLEAR EMULSIONS
A SIMPLIFIED PROCEDURE FOR CORRECTING A MEASURED ANGULAR DISTRIBUTION OF PARTICLES FOR DISTORTION BY A SCATTERING
RESPONSE OF LITHIUM DRIFTED SILICON RADIATION DETECTORS TO HIGH ENERGY CHARGED PARTICLES
A STUDY OF THE CORES OF AIR SHOWERS IN THE SIZE RANGE TEN TO THE 7TH PARTICLES
SATELLITE SCINTILLATION AT HIGH LATITUDES AND ITS POSSIBLE RELATION TO PRECIPITATION OF SOFT PARTICLES
THE BEHAVIOUR OF THE ANGULAR CORRELATION SYMMETRY ANGLE FOLLOWING INELASTIC SCATTERING OF HELIUM 3 PARTICLES FROM
AFOSR67-2461
ARL 67-005
AFOSR68-27
AFOSR68-11
AFOSR67-0063
AFOSR67-1204
AFOSR68-0852
AFOSR68-1675
AFOSR68-2284
AFCL68-0285
AFOSR68-1384

PARTICULAR
DIFFRACTION CONTRAST FROM NON-SPHERICAL DISTORTIONS - - IN PARTICULAR A CUBOIDAL INCLUSION
AFOSR67-2794

PARTICULATE
DENSITY GRADIENT SEPARATION OF SARCOFIBRILLAR VESICLES AND OTHER PARTICULATE CONSTITUENTS OF RABBIT MUSCLE
AFOSR68-1683

PARTITION
PHYSICOCHEMICAL MEASUREMENTS OF METAL CHELATES BY GAS-LIQUID PARTITION CHROMATOGRAPHY
ARL 68-0034

PARTITIONED
ON METHODOLOGIES AND CONNECTIONS IN PARTITIONED LINEAR MODELS
ARL 67-1184

PARTITIONS
MINIMUM PARTITIONS OF GRAPHS
ARL 68-1291

PARTLY
STABILITY CONDITIONS FOR A BOSON SYSTEM INTERACTING WITH A PARTLY REPULSIVE AND PARTLY ATTRACTIVE POTENTIAL
AFOSR67-0597

PARTS
STUDY ON PERIODIC STRUCTURES IN TOW PARTS
ENTROPY OF TURBULENT GAS MACROSCOPIC AND TURBULENT PARTS BOUNDARY-LAYER EXPRESSIONS FOR CELERITIES OF FILTERED
AFCL68-0043
AFOSR68-0798

PARVIFOLIA
PHYTOCHEMICAL STUDY OF A PSYCHOMETRIC PLANT PERMETTYA PARVIFOLIA /SPANISH/
AFOSR68-2761

PASSER
A MATHEMATICAL MODEL FOR THE BIOLOGICAL CLOCK OF PASSER DOMESTICUS
AFOSR67-0712

PASSION
THE PASSION FOR SKYDIVING
AFOSR67-0392

PASSIVATING
PATENT PROCESS OF FORMING PASSIVATING INTERNAL INSUR20SUB3 BANDS IN SILVER-INDIUM ALLOYS
ARL 68-1145

PASSIVE
PASSIVE Q-SWITCHING OF A CARBON DIOXIDE LASER
STABILITY OF PASSIVE TIME-VARIABLE CIRCUITS
OPTICAL RADAR AND PASSIVE OPTO-ELECTRONIC RANGING
SYNTHESIS OF FINITE PASSIVE N-PORTS WITH PRESCRIBED POSITIVE REAL MATRICES OF SEVERAL VARIABLES
ANGULAR RESOLUTION OF A PASSIVE TWO-ANTENNA SYSTEM
SYNTHESIS OF ACTIVE AND PASSIVE COMPATIBLE IMPEDANCES
COMMENTS ON OPTICAL RADAR AND PASSIVE OPTO-ELECTRONIC RANGE FINDING
INVESTIGATION OF SPECTRAL BLEACHING IN PASSIVE Q-SWITCH DYES
AN ESTIMATE OF THE SURFACE TEMPERATURE OF VENUS INDEPENDENT OF PASSIVE MICROWAVE RADIOMETRY
AFOSR68-1184
AFOSR67-0773
ARL 67-0212
RADC 67-0365
AFCL67-0368
AFOSR68-1239
ARL 68-0262
AFOSR67-0450
AFOSR68-1053

PASSIVELY
TRANSIENT INTERFERENCE STUDIES OF PASSIVELY Q-SWITCHED RUBY LASER EMISSION
AFCL68-0444

PASSIVITY
LUMPED NETWORK PASSIVITY CRITERIA
AFOSR68-2460

PATENT
PATENT PROCESS OF FORMING PASSIVATING INTERNAL INSUR20SUB3 BANDS IN SILVER-INDIUM ALLOYS
ARL 68-1145

PATH
ELEMENTARY PATH COUNTS
ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR A MODEL ATMOSPHERE
DETERMINATION OF PATH RADIANCE FOR DOWNWARD PATH OF SIGHT FROM GROUND-BASED OR LOW-ALTITUDE MEASUREMENT
COMPARISON OF ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR MODEL CLEAR AND HAZY ATMOSPHERES
DIFFUSION AS A PROBLEM OF STATISTICAL PATH
DETERMINATION OF PATH RADIANCE FOR DOWNWARD PATH OF SIGHT FROM GROUND-BASED OR LOW-ALTITUDE MEASUREMENT
A STUDY OF X-RAY FLUORESCENCE METHOD WITH VACUUM AND AIR- PATH SPECTROGRAPHS FOR THE DETERMINATION OF FILM THICKNESSES
WAVE-FRONT OBSERVATIONS AT 35 GHz ON A LINE-OF-SIGHT RADIO-WAVE PROPAGATION PATH FINAL REPORT DEC 1967
WAVE-FRONT OBSERVATIONS AT 15 GHz ON A LINE-OF-SIGHT RADIO-WAVE PROPAGATION PATH
AFOSR68-0249
AFCL68-0124
AFCL68-0394
AFCL68-0480
AFOSR67-0285
AFCL68-0394
ARL 68-0001
AFCL68-0096
AFCL67-0696

PATHOGENS
RESEARCH PROGRAMS FOR ALERTING OF TYPIC AND IDENTIFICATION OF PATHOGENS FINAL REPORT JULY 1967
RESEARCH PROGRAMS FOR ALERTING DETECTION AND IDENTIFICATION OF PATHOGENS
AFOSR67-2006
AFOSR68-2180

PATHS
CONJUGATE POINTS ON EXTREMAL ROCKET PATHS
GENERATION OF ALL HAMILTONIAN CIRCUITS PATHS AND CENTERS OF A GRAPH AND RELATED CIRCUITS
ON THE NATURE OF SHORT-CIRCUIT DIFFUSION PATHS IN NICKEL OXIDE FILMS
COSMIC-RAY NEUTRON MONITOR FIELD FUNCTIONS CROSS TRANSFORMATION AND NUCLEONIC COMPONENT MEAN FREE PATHS
AFOSR68-1537
AFOSR67-1727
AFOSR67-1085
AFOSR68-0716

PATHWAYS

NEURAL PATHWAYS OF DOPAMINE AND NOREPINEPHRINE IN HARET BRAIN IN VITRO
EXCITABILITY CHANGES ALONG VISUAL PATHWAYS DURING EYE TRACKING MOVEMENTS
SPECIFIC AND NON-SPECIFIC ACTIVITIES IN THE CENTRAL VISUAL PATHWAYS
CORRELATION BETWEEN LIGHT-AND DARK TONIC ACTIVITY IN THE CENTRAL VISUAL PATHWAYS IN THE ABSENCE AS WELL AS IN THE
EFFECTS OF STEADY DIFFUSE ILLUMINATION ON RATE OF UNITARY TONIC DISCHARGE IN THE CENTRAL VISUAL PATHWAYS OF THE

AFOSR68-0604
AFOSR68-2708
AFOSR68-1017
AFOSR68-2709
AFOSR68-2709

PATROL

THE OPERATING HISTORY OF THE INTERNATIONAL SOLAR FLARE PATROL 1955-1966
A COMPARISON OF REPORTED SOLAR FLARE OCCURRENCE TIMES AND FLARE PATROL TIMES 1955-1966

AFCL67-0135
AFCL67-0696

PATTERN

PATTERN RECOGNITION BY USING AN ASSOCIATIVE MEMORY
PATTERN RECOGNITION APPLIED TO COUGH CATEGORIZATION
A PATTERN RECOGNITION MODEL FOR ON-LINE CURVE FITTING AN APPLICATION OF THRESHOLD THEORY
A LANGUAGE FOR PATTERN RECOGNITION
A MULTICATEGORY PATTERN CLASSIFICATION SYSTEM
LEARNING THROUGH PATTERN RECOGNITION APPLIED TO A CLASS OF GAMES
MECHANISMS OF INNATE PATTERN LEARNING MEMORY AND READ-OUT WITHIN SINGLE NEURONS FINAL REPORT DEC 1967
MEASUREMENT OF PATTERN RECOGNITION IN THE EEG
MEASUREMENT OF PATTERN RECOGNITION IN THE EPG
AN ADAPTIVE MULTICATEGORY PATTERN CLASSIFICATION SYSTEM
THEORETICAL FRAMEWORKS FOR PATTERN RECOGNITION PROBLEMS FINAL REPORT JUNE 1967
FEASIBILITY OF USING LINEAR PATTERN CLASSIFIERS FOR PROBABILISTIC PATTERN CLASSES
A PHYSIOCHEMICAL BASIS FOR PATTERN AND RHYTHM
A PERFORMANCE CRITERION FOR ADAPTIVE PATTERN CLASSIFICATION SYSTEMS
UNSUPERVISED LEARNING MINIMUM RISK ADAPTIVE PATTERN CLASSIFICATION
THE EFFECT OF A FOREGROUND NOISE ON THE GAIN AND PATTERN OF AN ANTENNA
ASYMPTOTICALLY OPTIMAL DISCRIMINANT FUNCTIONS FOR PATTERN RECOGNITION
AN EXPLICIT RELATION BETWEEN MUTUAL COUPLING AND THE PATTERN OF AN ANTENNA ARRAY
ON THE UPPER BOUND OF THE PROBABILITY OF ERROR OF A LINEAR PATTERN CLASSIFIER FOR PROBABILISTIC PATTERN CLASSES
A STUDY OF DISCRETE PROPAGATION-BASED MODELS FOR PICTORIAL PATTERN ANALYSIS FINAL REPORT JUNE 1967
AN EXPERIMENTAL STUDY OF THE EFFECT OF LENGTH ON THE RUCKLE PATTERN OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS
OPTIMAL UNSUPERVISED LEARNING MULTICATEGORY DEPENDENT HYPOTHESES PATTERN RECOGNITION
FEASIBILITY OF USING LINEAR PATTERN CLASSIFIERS FOR PROBABILISTIC PATTERN CLASSES
EIGENELEMENTS OF THE FINITE FOURIER TRANSFORM AND THEIR APPLICATION TO ANTENNA PATTERN SYNTHESIS
ON THE UPPER BOUND OF THE PROBABILITY OF ERROR OF A LINEAR PATTERN CLASSIFIER FOR PROBABILISTIC PATTERN CLASSES

AFOSR67-1131
AFOSR67-2137
AFOSR68-0037
AFOSR68-2003
AFOSR67-1566
AFOSR68-0514
AFOSR67-2833
AFOSR68-0184
AFOSR68-1777
AFOSR68-0279
AFOSR68-0487
AFOSR67-0883
AFOSR67-1163
AFOSR67-0831
AFOSR67-1899
AFCL67-0484
AFOSR68-0381
AFOSR67-0465
AFOSR68-1396
AFCL67-0467
AFOSR67-1901
AFOSR68-2038
AFOSR67-0883
AFCL67-0342
AFOSR68-1396

PATTERNS

PATTERNS OF EXTINCTION OF A DEFLECTION-INDICATING RESPONSE UNDER ESCAPE-AVOIDANCE REINFORCEMENT
NEURAL PATTERNS ASSOCIATED WITH AFFECTIVE RESPONSES FINAL REPORT FEB 1967
RADIATION PATTERNS OF A SLOT ANTENNA IN THE PRESENCE OF A BREAKDOWN SHEATH
BUILDING OF CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS
NONSYMMETRIC BUCKLE PATTERNS IN PROGRESSIVE ELASTIC BUCKLING
ELECTRON CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE
ELECTRON-CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE
INFLUENCE OF CONVECTION ON CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS
SHORT-PERIOD SEISMIC ENERGY RADIATION PATTERNS FROM UNDERGROUND NUCLEAR EXPLOSIONS AND SMALL-MAGNITUDE EARTHQUAKES
RESEARCH OF TWO-DIMENSIONAL TRANSONIC FLOW PATTERNS OF COMP FLUIDS FINAL REPORT OCT 1966
ON NUMERICAL CALCULATION OF TRANSONIC FLOW PATTERNS
LANGUAGES AUTOMATA AND CLASSES OF CHAIN-ENCODED PATTERNS
EFFECT OF INTERHEMISPHERIC TRANSECTION ON THE EEG PATTERNS IN SLEEP AND WAKEFULNESS IN MONKEYS
LINGUISTIC SPECIFICATION AND ANALYSIS OF CLASSES OF PATTERNS
BRAIN STEM STRUCTURES RESPONSIBLE FOR THE ELECTROENCEPHALOGRAPHIC PATTERNS OF DESYNCHRONIZED SLEEP
BRAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL MECHANISMS AND SOCIAL PATTERNS UCLA FORUM IN MEDICAL SCIENCES
FURTHER COMMENTS ON THE PAPER FOR THE INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM /AMORPHOUS/ BORON/
A TWO-DIMENSIONAL ULTRASONIC MODEL STUDY OF COMPRESSIONAL AND SHEAR-WAVE DIFFRACTION PATTERNS PRODUCED BY A CIRCULAR
UTILIZATION OF THE LAMBDA FUNCTIONS IN THE ANALYSIS AND SYNTHESIS OF MONOPULSE ANTENNA DIFFERENCE PATTERNS

AFOSR67-1981
AFOSR67-1604
AFCL68-0601
AFOSR67-2481
AFOSR67-1260
ARL 67-0240
ARL 68-0292
AFOSR68-1608
AFCL67-0326
AFOSR68-2472
AFOSR68-2600
AFOSR68-0794
AFOSR67-1051
AFOSR67-0967
AFOSR67-1480
AFOSR68-1341
ARL 67-0246
AFOSR68-1442
AFOSR68-0838

PATTERSON

ON THE SIGNIFICANCE OF TWO NEW PATTERSON FUNCTIONS FOR DISORDERED CRYSTALS

AFOSR67-2489

PAINT

EFFECT OF PAULI PARAMAGNETISM ON MAGNETIC PROPERTIES OF HIGH-FIELD SUPERCONDUCTORS

AFOSR67-0040

PAYLOAD

PROVIDE PAYLOAD FOR AERONET ROCKET REFURBISH AND TEST A LUNAR POINTING CONTROL AND TELEMETRY SYSTEM FINAL REPORT NOV
THE IN-FLIGHT DEPLOYMENT OF HEAVY PAYLOAD TRAINS BENEATH ASCENDING HIGH-ALTITUDE BALLOONS

AFCL67-0647
AFCL67-0636

PEAK

THE PEAK GAIN METHOD FOR DETERMINING PROPAGATION CHARACTERISTICS OF INSTABILITIES
ABSORPTION PEAK FOR ULTRASONIC WAVES NEAR THE SPIN-FLOW TRANSITION OF UNIAXIAL ANTIFERROMAGNETS
FLUX-HOLE MOTION AND THE PEAK EFFECT IN SUPERCONDUCTIVITY
SOME APPLICATIONS OF THE PEAK GAIN CRITERION
UNIDENTIFIED WHISTLER EVIDENCE FOR A SECONDARY PEAK IN THE ELECTRON ENERGY SPECTRUM NEAR 10 KEV
SOLAR RESEARCH AND DEVELOPMENT AT SACRAMENTO PEAK OBSERVATORY FINAL REPORT JAN 1967
SOLAR RESEARCH AND INSTRUMENTATION PROGRAMS AT SACRAMENTO PEAK OBSERVATORY AND HIGH ALTITUDE OBSERVATORY FINAL REPORT
TEMPERATURE DEPENDENCE OF THE WIDTH OF THE FUNDAMENTAL LATTICE-VIBRATION ABSORPTION PEAK IN IONIC CRYSTALS II

ARL 68-1475
AFOSR67-1411
AFOSR67-2424
ARL 68-1297
AFOSR68-2817
AFCL67-0106
AFCL67-0390
AFOSR68-0921

PEAKS

SURFACE ASYMMETRY MECHANISM FOR FRACTIONAL ORDER PEAKS OBSERVED IN LEED BEAMS FROM METALS

AFOSR67-2316

PEARL-TYPE

PEARL-TYPE T-CELLULAR CURRENT MICROPULSATIONS AT COLLEGE
PEARL-TYPE MICROPULSATIONS ASSOCIATED WITH MAGNETIC STORM SUDDEN COMMENCEMENTS

AFCL67-0244
AFCL67-0249

PEARSON

FURTHER RESULTS ON ESTIMATION OF THE PARAMETERS OF THE PEARSON TYPE III AND WEIBULL DISTRIBUTIONS IN THE NON-REGULAR

ARL 68-0207

PECULIAR

STUDIES OF THE PECULIAR A STARS V CONTINUOUS ENERGY DISTRIBUTIONS
THE VANISHING OF A THETA CONSTANT IS A PECULIAR PHENOMENON
SPECTROSCOPIC ANALYSES OF A AND B STARS OF PECULIAR COMPOSITION
CHEMICAL COMPOSITIONS OF GASEOUS NEBULAR AND PECULIAR STARS FINAL REPORT APRIL 1967

AFOSR68-0900
AFOSR67-2357
AFOSR68-2766
AFOSR67-1069

| | |
|--|--------------|
| PEFOLINELT | |
| THE PEOUNCLY LOOF A VISUM-MOTOP CENTRE IN OCTOPUS | AFOSR66-0293 |
| PEIFPLA | |
| PEIFPLA BARRIER CALCULATION | AFOSR66-0413 |
| PEIFPLA BARRIER ANALYSIS | AFOSR66-1101 |
| PEIFPLA-BARRIER | |
| PEIFPLA-BARRIER MINIMA | AFOSR66-1475 |
| PENDULUM | |
| DYNAMIC STABILITY OF A PENDULUM UNDER COEXISTENCE OF PARAMETRIC AND FORCED EXCITATION | AFOSR66-0501 |
| FINAL RESULTS OF CAMBRIDGE AND CGI PENDULUM MEASUREMENTS | AFOSR67-0524 |
| SMALL OSCILLATIONS OF A STABILIZED INVERTED PENDULUM | AFOSR66-0075 |
| ABSOLUTE GRAVITY MEASUREMENT BY MEANS OF REVERSIBLE PENDULUM APPARATUS FINAL REPORT SEPT 1967 | AFOSR67-0597 |
| PENETRATION | |
| PENETRATION AND INTERACTION OF A TRANSVERSE JET AND A SUPersonic STREAM FINAL REPORT MAY 1968 | AFOSR66-1419 |
| PENETRATION EFFECTS FOR THE 161 KEV TRANSITION IN CS SUPER 133 | ARL 67-1043 |
| DEPTH OF PENETRATION OF BOMBARDING IONS INTO A SPUTTERED SURFACE FINAL REPORT FEB 1967 | AFAL 67-0003 |
| PENETRATIONS | |
| THUNDERSTORM PENETRATIONS OF THE TROPOPAUSE A CLIMATOLOGY AND A METHOD OF ESTIMATION FINAL REPORT AUG 1967 | AFOSR67-0471 |
| PENNY-SHAPED | |
| THE STRESS INTENSITY FACTOR FOR A PENNY-SHAPED CRACK IN AN ELASTIC BODY UNDER THE ACTION OF SYMMETRIC BODY FORCES | AFOSR66-0632 |
| A NOTE ON THE THERMOELASTIC PROBLEM FOR A PENNY-SHAPED CRACK | AFOSR66-1047 |
| THE DISTRIBUTION OF STRESS IN THE VICINITY OF A PENNY-SHAPED CRACK IN AN ELASTIC SOLID UNDER THE ACTION OF SYMMETRIC | AFOSR66-1035 |
| PENTA-FLUORIDE | |
| VIBRATIONAL SPECTRA AND ASSIGNMENT OF IODINE PENTA-FLUORIDE FROM RESONANCE BETWEEN A FUNDAMENTAL AND A TERNARY | AFOSR66-0176 |
| PENTACARBONYL | |
| CHEMISTRY OF THE METAL CARBONYLS PART XLV REACTIONS BETWEEN HEXAFLUOROBUTA-1,3-DIENE AND THE PENTACARBONYL HYDRIDES OF | AFOSR66-1333 |
| PENTACARBONYLHYDROGENATE | |
| CHEMISTRY OF THE METAL CARBONYLS PART XLIV REACTIONS OF PENTACARBONYLHYDROGENATE | AFOSR66-1336 |
| PENTACHLORIDE | |
| THE REACTION OF CYCLOPROPYL KETONES WITH PHOSPHORUS PENTACHLORIDE | AFOSR67-0029 |
| REACTIONS OF PHENYL CARBONYL DERIVATIVES WITH ANTIMONY PENTACHLORIDE | AFOSR66-0687 |
| REACTIONS OF ACETYLENIC KETONES AND AN ALDEHYDE WITH PHOSPHORUS PENTACHLORIDE | AFOSR67-0030 |
| PENTACOORDINATE | |
| PENTACOORDINATE SILICON THE CRYSTAL STRUCTURE OF DIMETHYLSILYLAMINE PENTAMER | AFOSR66-0041 |
| PENTACYANOCOBALTATE | |
| REACTIONS CATALYZED BY PENTACYANOCOBALTATE /II/ | AFOSR66-0603 |
| CATALYTIC HYDROGENATION AND HYDROGENOLYSIS BY PENTACYANOCOBALTATE /II/ | AFOSR66-1842 |
| TRACE DETERMINATION OF OXYGEN BY REACTION WITH PENTACYANOCOBALTATE /II/ COUPLED TO COORDINATION CHAIN | AFOSR67-2654 |
| PENTAFLUORIDE | |
| THE REACTION OF HYDRAZINE AND CHLORINE PENTAFLUORIDE IN A LABORATORY ROCKET COMBUSTOR | AFOSR66-1294 |
| PENTAMER | |
| PENTACOORDINATE SILICON THE CRYSTAL STRUCTURE OF DIMETHYLSILYLAMINE PENTAMER | AFOSR66-0041 |
| PENTAMERIC | |
| ORGANOMETALLIC SULFUR COMPLEXES XI PREPARATION AND STRUCTURE OF A PENTAMERIC MERCAPTOCOBAL CARBONYL COMPLEX | AFOSR66-2735 |
| PENTOBARRITAL | |
| PENTOBARRITAL ANAESTHESIA IN THE HERRING AND LESSER BLACK-BACKED GULL | AFOSR67-0134 |
| PENTOSE | |
| EVIDENCE FOR THE PARTICIPATION OF THE REDUCTIVE PENTOSE PHOSPHATE CYCLE IN PHOTOREDUCTION AND THE OXYHYDROGEN REACTION | AFOSR66-1700 |
| PENTOXIDE | |
| OPTICAL ABSORPTION COEFFICIENTS OF VANADIUM PENTOXIDE SINGLE CRYSTALS FINAL REPORT MARCH 1967 | AFOSR67-0786 |
| THE DIFFUSIONAL PROPERTIES OF OXYGEN IN NIOBIUM PENTOXIDE CRYSTALS AND SCALES FORMED ON NIOBIUM | AFOSR66-1148 |
| SOLID-STATE STUDIES OF OXYGEN-DEFICIENT TANTALUM PENTOXIDE | AFOSR67-1437 |
| PENUMBRA | |
| AN ASYMPTOTIC FIELD CALCULATION IN THE PENUMBRA REGION | AFOSR67-0671 |
| PEOPLE | |
| THE USE OF FREE TIME BY YOUNG PEOPLE IN SOVIET SOCIETY | AFOSR67-0964 |
| PEPTIDE | |
| SEQUENCE PEPTIDE POLYMERS II POLY GLU /OH/ GLY POLY GLU /OH/ - SER /NH/ -GLY AND THEIR BENZYL ESTERS | AFOSR67-1037 |
| SEQUENCE PEPTIDE POLYMERS I POLYMERS BASED ON ASPARTIC ACID AND GLYCINE | AFOSR67-1076 |
| AN OPTICALLY PURE SEQUENCE PEPTIDE POLY GLY GLY PHE | AFOSR67-0537 |
| PEPTIDES | |
| INTESTINAL DIGESTION AND ABSORPTION OF SUGARS AND PEPTIDES FINAL REPORT APRIL 1968 | AFOSR66-1396 |

PERFENPDATE

THE CUPRO-CATALYZED REACTION OF APENZOBORNADIFINE WITH BENZOYL PEROXIDE AND T-BUTYL PERBENZOATE NUCLEAR MAGNETIC

AFOSR68-0708

PERCEIVED

PERCEIVED BRIGHTNESS AS A FUNCTION OF DURATION OF DARK-ADAPTATION
PERCEIVED INTENSITY OF ODOR AS A FUNCTION OF TIME OF ADAPTATION

AFOSR68-2884
AFOSR68-2886

PERCEIVING

TESTS FOR A SIMPLE LEARNING AND PERCEIVING ARTIFACT

AFOSR67-2710

PERCENTAGE

PERCENTAGE POINTS OF VISUAL TEST STATISTICS
EXACT MOMENTS AND PERCENTAGE POINTS OF THE ORDER STATISTICS AND THE DISTRIBUTION OF THE RANGE FROM THE LOGISTIC

ARL 67-1032
ARL 67-0286

PERCEPTION

PERCEPTION OF SEGMENTS OF VCV UTTERANCES
PERCEPTION AND JUDGMENT IN THE POLITICAL EXTREMIST
PERCEPTION OF DYNAMIC STIMULI FINAL REPORT SEPT 1968
VISUAL PERCEPTION IN SIMULATED SPACE CONDITIONS FINAL REPORT JUNE 1968
PHYSICS OF COLOR PERCEPTION
CODING SYSTEMS IN PERCEPTION AND COGNITION
CODING SYSTEMS IN PERCEPTION AND COGNITION
A MATHEMATICAL MODEL FOR THE PERCEPTION OF TONES IN CONTEXT
MECHANISM OF POLARIZED LIGHT PERCEPTION
A MATHEMATICAL MODEL FOR THE PERCEPTION OF TONES IN CONTEXT PART II
THE INFLUENCE OF OCULOMOTOR SYSTEMS ON VISUAL PERCEPTION
RESEARCH ON CYBERNETIC INVESTIGATION OF LEARNING AND PERCEPTION FINAL REPORT JAN 1967

AFCL67-0287
AFOSR67-2096
AFOSR68-1986
AFOSR68-1212
ARL 68-0866
AFOSR68-0597
AFOSR68-2633
AFOSR67-0414
AFOSR67-1180
AFOSR67-1489
AFOSR68-2096
AFOSR67-0861

PERCEPTIVE

THE EFFECTS OF PHYSICAL AND SYMBOLIC STRESSORS ON PERCEPTIVE MECHANISMS FINAL REPORT JUNE 1968

AFOSR68-1516

PERCEPTUAL

PERCEPTUAL DEFICIT DURING A MENTAL TASK
ODD AND FIELD PERCEPTUAL DIMENSION AND ALTERED SENSORY ENVIRONMENTS
TEMPORAL INTEGRATION OF PERCEPTUAL RESPONSE TO SUPRALIMINAL ELECTRICAL STIMULATION
EFFECTS OF ASSOCIATION VALUE ON PERCEPTUAL SEARCH
THE EFFECTS OF FAMILIARITY ON THE PERCEPTUAL RECOGNITION AND CATEGORIZATION OF VERBAL INFORMATION
VERBAL SHORT TERM-MEMORY AS A FUNCTION OF DEGREE OF LEARNING ON A PERCEPTUAL MOTOR INTERPOLATED ACTIVITY

AFOSR67-2236
AFOSR67-0810
AFOSR68-2886
AFOSR67-1623
AFOSR67-1806
AFOSR68-1691

PERCHLORATE

CATA /ZPD THERMAL DECOMPOSITION OF AMMONIUM PERCHLORATE
LONGITUDINAL SOUND VELOCITIES OF GRANULAR COMPOSITS OF AMMONIUM PERCHLORATE AND POTASSIUM CHLORIDE

AFOSR68-2633
AFOSR67-2036

PERCHLORATE--SOME

COMBUSTION OF AMMONIUM PERCHLORATE--SOME NEGATIVE CONCLUSIONS

AFOSR68-2819

PERCHLORATE-BASED

AMMONIUM PERCHLORATE-BASED PROPELLANT IGNITION BY LOW-CONVECTIVE HEAT FLUXES

AFOSR68-1685

PERCHLOROCARBON

PERCHLOROCARBON CHEMISTRY
RECENT PROGRESS IN PERCHLOROCARBON RESEARCH
RECENT PROGRESS IN PERCHLOROCARBON RESEARCH

ARL 67-1115
ARL 68-1070
ARL 68-1071

PERDEUTERIOTRISILYLAMINE

INFRARED SPECTRA OF SOLID AND MATRIX-ISOLATED /CH₃SUB₃SUB₃N AND /S₃SUB₃SUB₃N /TRIMETHYLAMINE PERDEUTERIOTRISILYLAMINE

AFOSR67-2040

PERFECT

THE INFLUENCE OF A PERFECT GRATING ON THE LINE PROFILE OF A SPECTROGRAPH
PERMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS AND WHISKERS FINAL REPORT MAR 1967
PERMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS FINAL REPORT SEPT 1968
THEORETICAL STUDY OF SOME DYNAMICAL PROPERTIES OF PERFECT AND IMPERFECT CRYSTALS FINAL REPORT APRIL 1968

AFCL67-0575
AFCL67-0107
AFCL68-0414
AFOSR68-1545

PERFLUOROALKYL

PERFLUOROALKYL COMPLEXES OF PALLADIUM AND PLATINUM

AFOSR68-0888

PERFLUOROALLENYL-RHF

CHEMISTRY OF THE METAL CARBONYLS PART XLIII PERFLUOROALLENYL-RHFIUM AND IRON COMPLEXES

AFOSR68-0889

PERFLUOROBUTADIENYL

CHEMISTRY OF THE METAL CARBONYLS PART XLVI PERFLUOROBUTADIENYL IRON RHFIUM AND MANGANESE COMPLEXES

AFOSR68-1335

PERFLUOROCARBONS

RADIATION CHEMISTRY OF PERFLUOROCARBONS

ARL 68-1069

PERFLUOROCYCLOBUTANO

ELECTRON SPIN RESONANCE OF PERFLUOROCYCLOBUTANONE KETYL LONG-RANGE FLUORINE COUPLING

AFOSR68-2874

PERFLUOROPROPENE

THE THERMAL DECOMPOSITION OF PERFLUOROPROPENE
THE THERMAL DECOMPOSITION OF PERFLUOROPROPENE

AFOSR68-1197
AFOSR68-2297

PERFORMANCE

PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES III DIAGNOSTIC EVALUATION OF SPEECH INTELLIGIBILITY FINAL REPORT
PERFORMANCE OF THIN FILM HUMIDITY SENSORS
PERFORMANCE AND LIFE SUPPORT IN ALTERED ENVIRONMENTS
PERFORMANCE STUDIES OF PLASMA ACCELERATORS
PERFORMANCE AND BIOCHEMICAL RESPONSES RELATED TO SOCIAL CHANGES VERSUS CHROMOPHORE IN NONHUMAN PRIMATES /HIMESUS

AFCL67-0101
AFCL67-0543
AFOSR68-2096
AFOSR68-2830
ARL 67-0023

PERFORMANCE - CONTINUED

PERFORMANCE ANALYSIS OF UTIAS IMPLOSION-DRIVEN HYPERVELOCITY LAUNCHER
A PERFORMANCE CRITERION FOR ADAPTIVE PATTERN CLASSIFICATION SYSTEMS
HUMAN PERFORMANCE IN CONTINGENT INFORMATION PROCESSING TASKS
HUMAN PERFORMANCE IN INFORMATION PROCESSING AND STORAGE FINAL REPORT JULY 1967
NOTOR PERFORMANCE OF THE R32-II PLUNY TRAILING EDGE BLADE SUPERSONIC COMPRESSOR
ON THE PERFORMANCE CHARACTERISTICS OF MAXIMUM LIKELIHOOD DIVERSITY-ARRAY RECEIVERS
GATING PERFORMANCE COSTS OF CONTROL LOGIC HARDWARE
INDIVIDUAL PERFORMANCE AND SELF-EVALUATION IN A SIMULATED TEAM
INDIVIDUAL PERFORMANCE AND SELF-EVALUATION AS A FUNCTION OF LEVEL OF TEAM OUTPUT FINAL REPORT SEPT 1967
ELECTRICAL PERFORMANCE OF METAL-INSULATOR-PIEZOELECTRIC SEMICONDUCTOR TRANSDUCERS
RECOGNITION PERFORMANCE AS A FUNCTION OF DETECTION CRITERION IN A SIMULTANEOUS DETECTION-RECOGNITION TASK
OPTIMIZATION OF PERFORMANCE INDICES IN DISCRETE ARRAY SYSTEMS FINAL REPORT NOV 1967
AN ANALYSIS OF THE PERFORMANCE OF THE THREE-STATION SPARSA NETWORK FOR DETECTING AND TRACKING THUNDERSTORM ACTIVITY
ACTIVATION AND LONG TERM PERFORMANCE
A NEW METHOD OF COMPARING THE PERFORMANCE OF NEUTRON MONITORS
SECONDARY TASK INTERFERENCE IN THE PERFORMANCE OF TRACKING TASKS
EFFECTS OF PHYSIOLOGICAL RHYTHMS ON PERFORMANCE FINAL REPORT MARCH 1967
SPECIAL UTILITY PROGRAM TO FINANCE THE PERFORMANCE OF AN ON-LINE MEDIUM SIZE PROCESSOR USED FOR STATISTICAL
IMPLOSION-DRIVEN HYPERVELOCITY LAUNCHER PERFORMANCE USING GASEOUS DETONATION WAVES
MEMORY AND THOUGHT IN HUMAN INTELLECTUAL PERFORMANCE
THE INFLUENCE OF NETWORK STRUCTURE ON THE PERFORMANCE OF LEARNING SYSTEMS
EFFECTS OF SURROUND ILLUMINATION ON VISUAL PERFORMANCE - AN ANNOTATED BIBLIOGRAPHY FINAL REPORT JULY 1967
THE EFFECT OF NON-EQUILIBRIUM COMBUSTION ON PROPELLANT PERFORMANCE
EFFECT OF SIMULATED SOCIAL FEEDBACK ON INDIVIDUAL TRACKING PERFORMANCE
THE EFFECTS OF DIFFERENTIAL EARLY EXPERIENCE UPON LEARNING, PERFORMANCE, AND BIOCHEMICAL RESPONSES OF NONHUMAN
RASC PARAMETERS FOR FILMS AND IMAGE INTENSIFIER-FILM COMBINATIONS AND PERFORMANCE COMPARISON FINAL REPORT MARCH 1968
ON THE USE OF EXPERIMENTAL AND COMPUTATIONAL TECHNIQUES IN ANALYZING THE PERFORMANCE OF SCANNED ARRAYS
EXPERIMENTAL STUDY OF THE EFFECTS OF SURROUND BRIGHTNESS AND SIZE ON VISUAL PERFORMANCE FINAL REPORT SEP 1967
THERMODYNAMIC EFFECT OF NON-EQUILIBRIUM COMBUSTION ON HYDRAZINE/NITROGEN TETROXIDE PROPELLANT PERFORMANCE

PERFUSED
UPTAKE OF NORADRENALINE IN THE ISOLATED PERFUSED RAT HEART AFTER DEPLETION WITH DECABORANE

PERHYDROINDAN
PPHYDROINDAN DERIVATIVES VI DERIVATIVES OF 1 1A 2 3 4 4A-HEXAHYDROFLUORENE-2 9-DIONE
PERHYDROINDAN DERIVATIVES IX THE DIOLS--ALDER REACTION WITH 7-METHYLINDENE DERIVATIVES

PERIMELIA
INTRINSIC DISTRIBUTIONS OF COMPTARY PERIMELIA AND MAGNITUDES

PERIMELION
SOLAR ORLATNESS AND THE PERIMELION ADVANCES OF PLANETS

PERIOD
ON PERIOD RELATIONS FOR ABELIAN INTEGRALS ON ALGEBRAIC CURVES
RADIO ROTATION PERIOD OF JUPITER
OPERATION OF A LONG PERIOD SEISMOGRAPH NETWORK UTILIZING MAGNETIC TAPP RECORDING AND ANALYSIS OF DATA RECORDED ON
THE DOMAIN STUDIES OF SHORT PERIOD TELESEISMIC P PHASES FINAL REPORT SEPT 1967
EXCITATION OF MANTLE RAYLEIGH WAVES OF PERIOD 100 SECONDS AS A FUNCTION OF MAGNITUDE
AN INTENSE AUROREAL ZONE X-RAY EVENT IN THE 4-5 SEC PERIOD RANGE
RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC
DISCUSSION OF PAPER BY M E RASSBACH A J DESSLER AND A G W CAMERON THE LUNAR PERIOD THE SOLAR PERIOD AND K SUB P
A STATISTICAL SUMMARY OF SOLAR FLARE REPORTS AND OBSERVATORY PRACTICES FOR THE PERIOD 1955 - 1964
DISCUSSION OF PAPER BY M E RASSBACH A J DESSLER AND A G W CAMERON THE LUNAR PERIOD THE SOLAR PERIOD AND K SUB P

PERIODIC
PERIODIC COVARIATION OF RADIOWAVE ABSORPTION EARTH CURRENTS AND OTHER ASSOCIATED PHENOMENA IN THE AUROREAL ZONE
PERIODIC VORTICITY AND ITS EFFECT ON JET MIXING
PERIODIC SOLUTIONS OF DIFFERENTIAL-DIFFERENCE EQUATIONS WITH RELAY CONTROL
PERIODIC DECOMPOSITION OF SEQUENTIAL MACHINES
STUDY ON PERIODIC STRUCTURES IN TWO PARTS
TIME SERIES WITH PERIODIC STRUCTURE
AMPLITUDE MODULUS ON PERIODIC AND APERIODIC OSCILLATIONS SECOND-ORDER SYSTEMS
WAVE PROPAGATION ALONG PERIODIC STRUCTURES AND PLASMA SLABS FINAL REPORT MAY 1967
DISPERSION RELATIONS OF PERIODIC AND LOG-PERIODIC DIPOLE ARRAYS WITH PARASITIC ELEMENTS
A NOTE ON PROBLEMS WITH PERIODIC TARGET SETS
SMOOTHNESS PROPERTIES OF PERIODIC SOLUTIONS IN THE LARGE OF NONLINEAR HYPERBOLIC DIFFERENTIAL SYSTEMS
DISPERSION RELATIONS IN TIME-SPACE PERIODIC MEDIA PART II-UNSTABLE INTERACTIONS
ANALYSIS OF FAR-FIELD MIXING WITH A PERIODIC SOURCE OF VORTICITY AT THE ORIFICE
CONSTRUCTION OF STEADY-STATE HYDROMAGNETIC DYNAMOS I SPATIALLY PERIODIC FIELDS
PARAMETRIC RESONANCE OF ONE-DIMENSIONAL STRUCTURES SUBJECTED TO PERIODIC IMPACTS
CALIBRATION AND DIFFERENTIAL FIELD MEASUREMENT OF HIGH MAGNETIC FIELDS BY MEANS OF A PERIODIC SIZE EFFECT IN GALLIUM

PERIODICITY
PERIODICITY IN THE AUTONOMIC DISCHARGE FINAL REPORT NOV 1967
TEMPERATURE DEPENDENCE OF THE MAGNETIC FIELD PERIODICITY IN FLUX QUANTIZATION EXPERIMENTS

PERIODS
EFFECT OF VARYING PERIODS OF COLD EXPOSURE ON THE ACTION AND METABOLISM OF HEXOBANBITAL
INTERPRETATION OF INDUCTION PERIODS IN THE HYDROGEN PLUS PLUS OXYGEN REACTION IN AGRO BORIC-ACID-COATED VESSELS
MAGNETIC BREAKDOWN IN THE LONG DURA PERIODS IN ZINC
SOLAR DAILY VARIATION RECONFO AT A LOW LATITUDE STATION BY EAST AND WEST POINTING TELESCOPES DURING PERIODS OF

PERIPHERAL
ROLE OF PERIPHERAL RECEPTORS IN THE INCREASED RELEASE OF VASOPRESSIN IN RESPONSE TO MEMORRHAAGE
CENTRAL AND PERIPHERAL MECHANISMS IN THE MODULATION OF FLASHING IN THE FIREFLY LUCIOLA ITALICA L
RANDOM-PHASE K-MATRIX APPROACH TO ABSORPTION IN PERIPHERAL INTERACTIONS

PERISTALTIC
PERISTALTIC TRANSPORT

PERMALLOY-FILM
WEAK MAGNETIC FIELD MEASUREMENT USING PERMALLOY-FILM NMR RESONANCE

PERMANENT

PERMANENT INSOMNIA AND DIMINUTION OF CEREBRAL SEROTONIN BY LESION OF THE RAPHE SYSTEM IN THE CAT /FRENCH/ AFOSR67-2842
 MEASUREMENT OF PERMANENT BASES BY A PLANE EMISSION GAS CHROMATOGRAPHIC DETECTOR AFOSR67-2810
 BINARY MATRICES WITH EQUAL DETERMINANT AND PERMANENT AFOSR67-0736
 SEVERAL HIGH SENSITIVITY RADIO-FREQUENCY DETECTORS FOR PERMANENT GAS ANALYSIS AFOSR68-0383

PERMANENTS

A LOWER BOUND FOR PERMANENTS OF 2017 -MATRICES AFOSR68-0646
 PROOFS OF SOME CONJECTURES ON PERMANENTS AFOSR67-0321

PERMITTING

SURGICAL IMMOBILIZATION OF THE EYE AND PUPIL PERMITTING STABLE PHOTIC STIMULATION OF FREELY MOVING CATS AFOSR67-2846

PERMUTATION

ON THE CYCLE INDEX OF A PRODUCT OF PERMUTATION GROUPS AFOSR68-2036

PERMUTATIONS

PERMUTATIONS ON SYMMETRY CLASSES AFOSR67-1034

PERNETTIA

PHYTOCHEMICAL STUDY OF A PSYCHOMIMETIC PLANT PERNETTIA PARVIFOLIA /SPANISH/ AFOSR68-2761

PEROSKITE

THEORY OF SYMMETRY CHANGE IN SECOND-ORDER PHASE TRANSITION IN PEROSKITE STRUCTURE ARL 68-0243

PEROXIDE

ORBITAL WAVEFUNCTIONS FOR ETHANE METHYL ALCOHOL AND HYDROGEN PEROXIDE AFOSR67-2469
 THE COPPER-CATALYZED REACTION OF BENZONORADIENE WITH BENZOYL PEROXIDE AND T-BUTYL PEROXIDE NUCLEAR MAGNETIC AFOSR68-0708
 ORIGIN OF ROTATIONAL BARRIERS II METHYLAMINE AND IMPROVED WAVEFUNCTIONS FOR HYDROGEN PEROXIDE AFOSR67-2466

PERPENDICULAR

PERPENDICULAR SHOCKS IN A MEDIUM CONTAINING COSMIC RAYS AFOSR68-2074
 ON ANTENNA IMPEDANCES IN A COLD PLASMA WITH A PERPENDICULAR STATIC MAGNETIC FIELD AFOSR68-0576

PERSISTENCE

PERSISTENCE OF WND-STABILITY IN THE TWO-FLUID MODEL AFOSR68-0978
 THE ISRAELI ARMY IN POLITICS THE PERSISTENCE OF THE CIVILIAN OVER THE MILITARY AFOSR68-2848

PERSISTENT

A PERSISTENT LOCAL MAXIMUM OF THE PTH POWER DEVIATION ON AN INTERVAL P IS LESS THAN ONE AFOSR68-1169
 DIRECT EVIDENCE OF PERSISTENT CURRENT LOOPS IN HARD SUPERCONDUCTING WIRE AFOSR67-0663

PERSONALITY

PERSONALITY CORRELATES OF CATECHOLAMINE EXCRETION UNDER STRESS AFOSR68-2166
 PERSONALITY AND RESPIRATORY RESPONSES TO SOUND AND LIGHT AFOSR68-2169
 BEHAVIORAL AND PERSONALITY PERCEPTIONS ASSOCIATED WITH STATUS POSITIONS AFOSR67-1831

PERSONNEL

DECISION-THEORETIC PSYCHOMETRICS THE EFFECT OF GUESSING ON THE QUALITY OF PERSONNEL AND COUNSELING DECISIONS AFOSR68-2155

PERSUASIBILITY

SEX AND AGE AS VARIABLES IN PERSUASIBILITY AFOSR67-2485

PETITENT

A STUDY OF FUNDAMENTAL FACTORS PERTINENT TO MICROBIOLOGICAL WASTE CONVERSION IN CONTROL OF ISOLATED ENVIRONMENTS FINAL AFOSR67-0485
 DIRECT ELECTRON EXCITATION CROSS SECTIONS PERTINENT TO THE ARGON ION LASER AFOSR67-2817

PETURBATION

CONTINUED FRACTIONS AND UPPER AND LOWER BOUNDS IN THE BRILLOUIN WIGNER PERTURBATION SCHEME AFOSR68-1817

PETURBATION

PETURBATION THEORY EXPANSIONS THROUGH 20TH ORDER OF MASS POLARIZATION CORRECTION RELATIVISTIC EFFECTS & LAMB SHIFT OF AFOSR67-1653
 PETURBATIONS SOLUTIONS AND ASYMPTOTIC SOLUTIONS IN BOUNDARY LAYER THEORY ARL 68-0043
 SMALL PETURBATION THEORIES FOR SIMPLY REACTING MIXTURES AFOSR68-1397
 ON STRONG SMALL PETURBATION SOLUTIONS FOR STEADY SUPERSONIC FLOWS OF INERT OR REACTING MIXTURES AFOSR67-1032
 THE VALIDITY OF PETURBATION SERIES WITH ZERO RADIUS OF CONVERGENCE AFOSR67-2805
 CLOSED FORM FOR THE PETURBATION TERMS OF THE LINEAR HOLTZMANN EQUATION AFOSR67-1120
 CURRENT ALGEBRAS IN A PETURBATION THEORETIC MODEL AFOSR67-1349
 DERIVATION OF RENORMALIZED RELATIVISTIC PETURBATION THEORY FROM FINITE LOCAL FIELD EQUATIONS AFOSR67-2606
 LORENTZ-INVARIANT METHOD OF GRAVITATIONAL PETURBATION ARL 68-0228
 ON THE CONVERGENCE PROPERTIES OF THE $1/2$ EXPANSIONS AS FURNISHED BY VARIATIONAL PETURBATION THEORY CALCULATIONS AFOSR68-1693
 ON THE EXTERIOR STATIONARY PROBLEM FOR THE NAVIER-STOKES EQUATIONS AND ASSOCIATED PETURBATION PROBLEMS AFOSR68-2825
 REACTION AMPLITUDES FOR PSEUDOSCALAR MESONS ON SPIN-HALF FERMIONS IN FOURTH-ORDER PETURBATION THEORY AFOSR68-2747
 ELECTRON SPIN RESONANCE STUDIES OF DEUTERIUM ISOTOPE EFFECTS A NOVEL RESONANCE-INTEGRAL PETURBATION AFOSR68-0388

PETURBATION-THEORY

ENVIRONMENTAL EFFECTS ON THE INFRARED FREQUENCIES OF POLYATOMIC MOLECULES EVALUATION OF PETURBATION-THEORY PARAMETERS AFOSR67-0235

PETURBATIONS

PETURBATIONS OF PLANE AND AXISYMMETRIC ENTROPY LAYERS AFOSR68-0571
 PERTURBATIONS OF ARTIFICIAL EARTH SATELLITES AS FUNCTIONS OF GRAVITY ANOMALIES AND DIFFERENTIAL CORRECTIONS OF AFOSR68-0163
 SMALL PETURBATIONS TRANSONIC AND HYPER-CRITICAL FLOWS WITH SHOCKS FINAL REPORT AUG 1966 AFOSR67-0394
 SINGULAR PETURBATIONS OF BOUNDARY VALUE PROBLEMS FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS INVOLVING TWO PARAMETERS AFOSR68-2365
 ON A CLASS OF PETURBATIONS OF THE HARMONIC OSCILLATOR AFOSR68-1997
 ELECTRIC FIELD PETURBATIONS OF HYPERFINE INTERACTIONS AFOSR68-1467
 ON RELATIVELY BOUNDED PETURBATIONS OF ORDINARY DIFFERENTIAL OPERATORS AFOSR68-2382
 STUDIES OF GUIDED ELECTROMAGNETIC WAVES IN THE PRESENCE OF AXIALLY NONUNIFORM OR RANDOM PETURBATIONS AFOSR67-0298

PERTURBATIVE

PERTURBATIVE APPROACH TO SUPERCONDUCTOR RELATIONS AND CURRENT ALGEBRA
DIVERGENCE OF RNORMAL IZPD VS CONVERGENCE OF RPOLARIZED PERTURBATIVE EXPANSIONS IN A FIELD-THEORETICAL MODEL
FINITE-TEMPERATURE TRANSPORT PROPERTIES OF NORMAL FERMI SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE MODEL

AFOSR66-2215
AFOSR67-0992
AFOSR67-0066

PERTURBED

PRESSURE BROADENING AND SHIFT OF METHANE PERTURBED BY NOBLE GASES

AFCL66-0481

PETCH

THE EFFECT OF HYDROGEN CHARGING ON THE PETCH RELATIONSHIP FOR ZONE-REFINED IRON

ARL 67-0182

PETRAFLUORIDE

THE FLUOROSULFURIC ACID SOLVENT SYSTEM II SOLUTIONS OF ANTIMONY TETRAFLUORIDE ANTIMONY PETRAFLUORIDE

AFOSR67-0548

PETRIE

THE PSYCHOPHYSICS OF THE KINESTHETIC AFTEREFFECT IN THE PETRIE BLOCK EXPERIMENT

AFOSR66-1989

PHARMACOLOGICAL

ELECTROCLINICAL EFFECTS OF SELECTIVE PHARMACOLOGICAL INACTIVATION OF THE BRAIN STEM AN EXPERIMENTAL STUDY

AFOSR67-0503

PHASE

PHASE IN THE PULSED RADAR TIME-STREAM
PHASE REGULATION IN A MONOTHERMAL FIELD FINAL REPORT MARCH 1967
THE PHASE AS TWO IN THE TERNARY SYSTEMS LANTHANUM-ANTIMONY- TELLURIUM AND LANTHANUM-TIN-ANTIMONY
VAPOR PHASE COMBUSTION OF BERYLLIUM AND ALUMINUM FINAL REPORT MARCH
SOLID PHASE REACTIONS IN SOLID PROPELLANT IGNITION AND COMBUSTION FINAL REPORT OCT 1966
LIQUID PHASE OXIDATION OF CYCLIC ALKENES II
FIRST-ORDER PHASE TRANSITIONS IN SPIN-ONE ISING SYSTEMS
OSCILLATORY PHASE OF PHOTOCONDUCTIVITY OF COS
T MATRIX AND PHASE SHIFTS IN SOLID-STATE SCATTERING THEORY
THEORY OF THE PHASE TRANSITION IN IV-VI COMPOUNDS
ANALYSIS OF THE PHASE FUNCTION IN SINGLE SIDERAND SIGNAL AND ITS APPLICATION TO SPEECH
INVESTIGATION OF PHASE DISTRIBUTION OF LASER FINAL REPORT DEC 1967
SYMMETRY CHANGES, PHASE TRANSITIONS AND FERROELECTRICITY
HIGH RAYLEIGH WAVE PHASE VELOCITIES FOR THE NEW DELHI INDIA-LAHORE PAKISTAN PROFILE
QUANTUM DYNAMICS IN PHASE SPACE
MODEL OF THE HIGH-ENERGY PHASE OF SOLAR FLARES
CONTRIBUTION TO THE W-N-O PHASE DIAGRAM AT HIGH TEMPERATURE
LORENTZ TRANSFORMATIONS IN PHASE SPACE AND IN PHYSICAL SPACE
ON PHASE ENTRAINMENT BY JETS PHASE II THE EFFECT OF SOUND ON JETS
AN APPROXIMATION TO BOUNDED PHASE COORDINATE CONTROL PROBLEM FOR LINEAR DISCRETE SYSTEMS
THE HYPERSTABLE SOLID-LIQUID PHASE BOUNDARY
THERMODYNAMIC PROPERTIES AND PHASE EQUILIBRIA IN THE W-N-O SYSTEM
CRYSTAL GEOMETRY OF FIRST ORDER PHASE TRANSFORMATIONS
ORDERING THEOREMS AND GENERALIZED PHASE SPACE DISTRIBUTIONS
THERMODYNAMIC ANALYSIS AND VAPOR PHASE SEPARATIONS OF VOLATILE METAL COMPLEXES
ENERGY TRANSFER STUDIES IN THE LIQUID PHASE RADIOLYSIS OF RARE GAS-HYDROGEN MIXTURES
SIMULTANEOUS APPROXIMATION IN GAIN AND PHASE OF TWO-PORTS USING LATTICE OF PARALLEL RESONATORS
REACTIVITY MECHANISMS AND KINETICS IN SOLID PHASE REACTIONS FROM 1500-3000 DEGREES C
THEORY OF SYMMETRY CHANGE IN SECOND-ORDER PHASE TRANSITION IN PEROVSKITE STRUCTURE
AN ADVANCED METEOROLOGICAL SOUNDING SYSTEM PHASE II /PHOOF-OF-CONCEPT/
AN EXTENSION OF THE VALIDITY OF THE STATIONARY PHASE FORMULA
A CASE OF TRANSPARENT ANISOTROPY DURING THE RECOVERY PHASE OF A FORBUSH DECREASE
CRUSTAL STRUCTURE OF THE MEDITERRANEAN SEA PART II PHASE VELOCITY AND TRAVEL TIMES
VELOCITY DEPENDENT ORBIT AND NUCLEON-NUCLEON SCATTERING PHASE SHIFT IN THE BORN APPROXIMATION
THE DURATION OF RE-ENTRAINMENT OF CIRCADIAN RHYTHMS AFTER PHASE SHIFTS OF THE ZEITGEGER
A CONTRIBUTION TO THE SIGNAL-DESIGN PROBLEM FOR INCOHERENT PHASE COMMUNICATION SYSTEMS
JULY RADAR SIGNATURE ANALYSIS BASED ON MEASURED DIFFERENTIAL PHASE SHIFTS OF TARGET SCATTERING AT TWO HARMONIC
FAR-INFRARED MEASUREMENT OF LONG-RANGE ORDERED IN A DISPLACIVE PHASE TRANSITION
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS FINAL REPORT JAN 1968
AN INVESTIGATION OF A VARIABLE WAVEGUIDE COUPLER WITH 360 DEGREES OF PHASE CONTROL
AN INVESTIGATION OF THE ORDERING OF MOLECULES IN THE ANISOTROPIC LIQUID PHASE OF LIQUID CRYSTALS FINAL REPORT 1967
THEORETICAL AND EXPERIMENTAL STUDIES OF INFRARED EMISSION DURING THE LAUNCH PHASE JULY FINAL REPORT DEC 1966
MAGNETIZATION MEASUREMENTS AND PRESSURE DEPENDENCE OF THE CURIE POINT OF THE PHASE TRI SCANDIUM - INDINIUM
DETECTION OF AN IN-PHASE SIGNAL WITH AND WITHOUT UNCERTAINTY REGARDING THE INTERAURAL PHASE OF THE MASKING NOISE

AFCL67-0241
AFOSR67-1819
AFOSR67-1917
AFOSR66-1249
AFOSR66-2207
AFOSR66-0360
AFOSR67-0038
ARL 66-0231
AFOSR67-1097
ARL 66-1418
AFOSR67-0862
AFCL66-0243
ARL 67-0238
AFCL67-0082
AFOSR66-2462
AFOSR67-0009
ARL 67-0144
AFOSR66-1028
AFOSR67-0337
AFOSR67-1457
AFOSR66-1901
ARL 66-1163
ARL 67-1195
AFOSR66-1766
ARL 66-1080
ARL 67-1166
AFCL67-0562
AFOSR66-0641
ARL 66-0243
AFCL67-0268
AFOSR67-2686
AFOSR67-0795
AFOSR67-2419
AFOSR66-2859
AFOSR67-0499
AFOSR66-2350
AFCL67-0476
AFOSR67-1931
ARL 67-1214
ARL 66-0004
AFCL67-0990
AFOSR67-2682
AFCL67-0173
AFOSR66-0928
AFOSR67-2303

PHASE-CHANGE

HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS

ARL 66-1108

PHASE-DISCRIMINATION

STUDY OF EMISSION SPECTRA BY PHASE-DISCRIMINATION METHODS FINAL REPORT APR 1968

AFCL66-0247

PHASE-LOCK

ERROR PROBABILITIES IN PCM/FM WITH PHASE-LOCK LOOP DISCRIMINATORS
100 MHZ MONODYNE 35 GHZ REFLECTION-CAVITY SPECTROMETER WITH PHASE-LOCK OF THE REFERENCE SIGNAL AND LOW FREQUENCY FIELD

AFOSR67-0430
AFOSR67-1136

PHASE-SPACE

PHASE-SPACE SYMMETRIES OF A RELATIVISTIC PLASMA

AFOSR66-2632

PHASE-TRANSITION

MAGNETIC RELAXATION NEAR A SECOND-ORDER PHASE-TRANSITION POINT

AFOSR67-0568

PHASED

INFINITE PHASED DIPOLE ARRAY

AFCL67-0653

PHASES

NEW A-15 PHASES
NEW FLUORIDE PHASES OF THE RARE-EARTH METALS AND YTTRIUM
ON THE NATURE OF MASSIVE PHASES IN HYPOEUTECTIC COPPER- GALLIUM ALLOYS
ON THE ALUMINUM DIOXIDE FLOW PHASES
SPECTRUM OF SHORT-PERIOD CORE PHASES IN RELATION TO THE ATTENUATION IN THE MANTLE
DYNAMICAL SCREENING AND MAGNETIC PHASES FOR ELECTRONS IN SOLIDS
CRYSTAL CHEMISTRY OF NEW HIGH-PRESSURE PHASES FINAL REPORT JAN 1968

AFOSR67-1530
AFOSR66-2143
AFOSR67-1415
AFOSR67-1669
AFOSR67-2044
AFOSR67-2682
AFOSR66-0342

THERMAL AND MAGNETIC PROPERTIES OF AMORPHOUS PHASES OF Ni_2S_3 AND Fe_2S_3 AT LOW TEMPERATURES FINAL REPORT JULY 1967
 THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE
 THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE FINAL REPORT FEB 1968
 THE DOMAIN STUDIES OF SOME ORDER DISORDER PHASES IN Fe_2S_3 FINAL REPORT SEP 1967
 RESEARCH DIRECTED TOWARD THE ELECTRON MICROSCOPY OF PHASES IN CRYSTALLINE METALLIC FINAL REPORT SEP 1967
 THE FAST CHARGE TRANSFER OF PHASES IN THE PHASE TRANSITION PHASES FINAL REPORT APRIL 1967
 STACKING FAULT ENERGIES IN THE STRUCTURALLY ORDERED PHASES - ALPHA AND ZETA PHASES
 EFFECTIVE RADIUS OF A VACANCY AND THE CALCULATION OF SOLUBILITY LIMITS IN CRYSTALS OF HIGHLY IONIC PHASES OF THE

AFOSR-67-2370
 AFOSR-67-2371
 AFOSR-67-2372
 AFOSR-67-2373
 AFOSR-67-2374
 AFOSR-67-2375
 AFOSR-67-2376
 AFOSR-67-2377
 AFOSR-67-2378
 AFOSR-67-2379
 AFOSR-67-2380

PHASES

RELATIONSHIPS BETWEEN RESISTIVE TRANSITION PHASES AND ACTIVITY AND NUCLEI UNIT DISORDER IN THE CONFINED REGION

AFOSR-67-2381

PHENOMENA

PHENOMENA IN THE CATHODE REGION OF AN H₂ OXIDATION
 BOUNDARY PHENOMENA IN H₂ OXIDATION
 ELECTRODE PHENOMENA IN A HIGH CURRENT H_2 OXIDATION
 TRANSPORT PHENOMENA IN THE SIMPLE METAL
 IONIZATION PHENOMENA IN A LASER-PLASMA PLASMA
 PARAMETRIC PHENOMENA AS APPLIED TO VIBRATION SYSTEMS AND MECHANICAL AMPLIFIERS
 LUMINESCENCE PHENOMENA IN THERMAL STIMULATED
 MAGNETO-OPTICAL PHENOMENA
 NONSTEADY BURNING PHENOMENA OF SOLID PROPELLANTS THEORY AND EXPERIMENT
 NON-STEADY BURNING PHENOMENA OF SOLID PROPELLANTS THEORY AND EXPERIMENT
 NONE SYNCHRONIZATION PHENOMENA IN UNIFORM ALIGNED INSTABILITY
 NON-LINEAR TRANSPORT PHENOMENA AND CONDUCTIVITY IN LINE CONDUCTORS
 HIGH-FIELD ELECTRONIC PHENOMENA IN THIN FILMS
 FLOW AND HEAT TRANSFER PHENOMENA IN PLASMA ARC MAGNETICALLY BALANCED IN A CROSS FLOW
 A NEW MODEL FOR INSTABILITY PHENOMENA AND LOCATION TO ACOUSTIC-NOISE COMMUNICATION CHANNELS
 INTERNAL SPIN-ORBIT COUPLING PHENOMENA
 STUDIES OF RINGDOWN AND ALUMINA PHENOMENA USING INSTRUMENTATION TECHNIQUES FINAL REPORT MAY 1967
 QUANTUM LIMIT GALVANOMAGNETIC PHENOMENA IN NORMAL-INDUCED ANOMALY
 MICROWAVE STUDIES OF IONIZATION PHENOMENA IN LASER PLASMAS FINAL REPORT NOV 1967
 ELECTRON DENSITY AND IONIZATION PHENOMENA IN RINGDOWN FINAL REPORT JUL 1967
 INVESTIGATION OF JET TRANSMISSION PHENOMENA FINAL REPORT JUNE 1968
 INSTABILITY AND NON-STEADY PHENOMENA IN DISPERSED SYSTEMS TO BOUNDARY-LAYER PROBLEMS
 AN INVESTIGATION OF POLARIZATION PHENOMENA INDUCED BY SPARK PLASMA
 RESEARCH ON HYPERSONIC COMBUSTION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME I - CONDENSATION EXPERIMENTS
 RESEARCH ON HYPERSONIC COMBUSTION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME II - COMBUSTION EXPERIMENTS IN A
 SURFACE SCATTERING AND OTHER SURFACE PHENOMENA FINAL REPORT JULY 1968
 RECENT RESEARCH CONCERNING SOLID STATE PHENOMENA IN INSULATING CRYSTALS PERFORMED AT HIS INSTITUTE
 EXPERIMENTAL INVESTIGATIONS OF CRITICAL PHENOMENA PUBLISHED IN REPORTS ON PROGRESS IN PHYSICS VOLUME 10 MAY 1967
 MASS SPECTROSCOPIC OBSERVATION OF IONIZATION PHENOMENA IN A SMALL, ROCKET COMBUSTION CHAMBER
 RESEARCH STUDIES AND INVESTIGATION OF METEOROLOGICAL PHENOMENA FINAL REPORT APR 1968
 COMBUSTION GAS EMISSION RADIATION AND CHEMICAL PHENOMENA IN SOLID-STATE REACTING SYSTEM FINAL REPORT APRIL 1967
 MASS TRANSPORT ANALYSIS FOR CRYSTAL GROWTH AND RELATED PHENOMENA
 COMMENTS ON THE EXPERIMENTAL AND THEORETICAL STUDY OF PHENOMENA IN SIMPLE LIQUIDS
 RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1967
 RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1968
 RESEARCH IN THE FIELD OF SOLAR RADIATION AS WELL AS OPTICAL PHENOMENA FINAL REPORT MAY 1967
 PERIODIC COVARIATION OF RADIATION ABSORPTION FACTOR CURRENTS AND OTHER ASSOCIATED PHENOMENA IN THE AURORAL ZONE
 APPLICATION OF A TEMPERATURE-OSCILLATION METHOD TO THERMODYNAMIC STUDIES OF RADIATION PHENOMENA AT LOW TEMPERATURES

AFOSR-67-2382
 AFOSR-67-2383
 AFOSR-67-2384
 AFOSR-67-2385
 AFOSR-67-2386
 AFOSR-67-2387
 AFOSR-67-2388
 AFOSR-67-2389
 AFOSR-67-2390
 AFOSR-67-2391
 AFOSR-67-2392
 AFOSR-67-2393
 AFOSR-67-2394
 AFOSR-67-2395
 AFOSR-67-2396
 AFOSR-67-2397
 AFOSR-67-2398
 AFOSR-67-2399
 AFOSR-67-2400
 AFOSR-67-2401
 AFOSR-67-2402
 AFOSR-67-2403
 AFOSR-67-2404
 AFOSR-67-2405
 AFOSR-67-2406
 AFOSR-67-2407
 AFOSR-67-2408
 AFOSR-67-2409
 AFOSR-67-2410
 AFOSR-67-2411
 AFOSR-67-2412
 AFOSR-67-2413
 AFOSR-67-2414
 AFOSR-67-2415
 AFOSR-67-2416
 AFOSR-67-2417
 AFOSR-67-2418
 AFOSR-67-2419
 AFOSR-67-2420
 AFOSR-67-2421
 AFOSR-67-2422
 AFOSR-67-2423
 AFOSR-67-2424
 AFOSR-67-2425
 AFOSR-67-2426
 AFOSR-67-2427
 AFOSR-67-2428
 AFOSR-67-2429
 AFOSR-67-2430
 AFOSR-67-2431
 AFOSR-67-2432
 AFOSR-67-2433
 AFOSR-67-2434
 AFOSR-67-2435
 AFOSR-67-2436
 AFOSR-67-2437
 AFOSR-67-2438
 AFOSR-67-2439
 AFOSR-67-2440
 AFOSR-67-2441
 AFOSR-67-2442
 AFOSR-67-2443
 AFOSR-67-2444
 AFOSR-67-2445
 AFOSR-67-2446
 AFOSR-67-2447
 AFOSR-67-2448
 AFOSR-67-2449
 AFOSR-67-2450
 AFOSR-67-2451
 AFOSR-67-2452
 AFOSR-67-2453
 AFOSR-67-2454
 AFOSR-67-2455
 AFOSR-67-2456
 AFOSR-67-2457
 AFOSR-67-2458
 AFOSR-67-2459
 AFOSR-67-2460
 AFOSR-67-2461
 AFOSR-67-2462
 AFOSR-67-2463
 AFOSR-67-2464
 AFOSR-67-2465
 AFOSR-67-2466
 AFOSR-67-2467
 AFOSR-67-2468
 AFOSR-67-2469
 AFOSR-67-2470
 AFOSR-67-2471
 AFOSR-67-2472
 AFOSR-67-2473
 AFOSR-67-2474
 AFOSR-67-2475
 AFOSR-67-2476
 AFOSR-67-2477
 AFOSR-67-2478
 AFOSR-67-2479
 AFOSR-67-2480
 AFOSR-67-2481
 AFOSR-67-2482
 AFOSR-67-2483
 AFOSR-67-2484
 AFOSR-67-2485
 AFOSR-67-2486
 AFOSR-67-2487
 AFOSR-67-2488
 AFOSR-67-2489
 AFOSR-67-2490
 AFOSR-67-2491
 AFOSR-67-2492
 AFOSR-67-2493
 AFOSR-67-2494
 AFOSR-67-2495
 AFOSR-67-2496
 AFOSR-67-2497
 AFOSR-67-2498
 AFOSR-67-2499
 AFOSR-67-2500

PHENOMENA

ON RELATIONS BETWEEN THE INFLUENCE AFFILIANCE AND PHENOMENAL CONSEQUENCE OF SCENARIOS AS THEY AFFECT SOCIOLOGICAL PATTERN

AFOSR-67-2501

PHENOMENOLOGICAL

PHENOMENOLOGICAL THEORY OF THE RESISTIVITY AND SUSCEPTIBILITY OF CHUTE PHOSPHOR-IRON-IRON ALLOYS

AFOSR-67-2502

PHENOMENOLOGICAL

PHENOMENOLOGICAL MODEL OF DIFFRACTION OF HYPERBOLIC SCATTERING
 SOLUTION TO THE PHENOMENOLOGICAL PROBLEM OF A MAGNETIC LINE SOURCE ABOVE A PLANE STRUCTURE THAT SUPPORTS H-SCATTER

AFOSR-67-2503
 AFOSR-67-2504

PHENOMENON

THE HANDBURG PHENOMENON FAILURE OF IMMEDIATE MODEL CORRELATED WITH REPERITION OF ELEMENTS WITHIN A SPHERICAL
 THE VANISHING OF A THERMAL CONSTANT IS A PECULIAR PHENOMENON
 A HIGHLIGHT OF THE ELECTRICALLY EXPLODED COMBUSTION PHENOMENON FOURTH EDITION

AFOSR-67-2505
 AFOSR-67-2506
 AFOSR-67-2507

PHENOL

POLYMERIZATION AND COPOLYMERIZATION OF ALKYL-AROMATIC-OL- PHENOL

AFOSR-67-2508

PHENOTHIAZINE

THE IONIZATION ENERGIES OF SOME PHENOTHIAZINE TRAZOLIZERS AND ANALOGS OF SIMILAR STRUCTURE
 ION RADICALS IN THE FORMATION OF THE PHENOTHIAZINE RADICAL BY THE ULTRAVIOLET IRRADIATION OF PHENOTHIAZINE SOLUTIONS
 ION RADICALS IN THE FORMATION OF THE PHENOTHIAZINE RADICAL BY THE ULTRAVIOLET IRRADIATION OF PHENOTHIAZINE SOLUTIONS

AFOSR-67-2509
 AFOSR-67-2510
 AFOSR-67-2511

PHENOTHIAZINE

ION RADICALS IN THE FORMATION OF THE PHENOTHIAZINE RADICAL BY THE ULTRAVIOLET IRRADIATION OF PHENOTHIAZINE SOLUTIONS

AFOSR-67-2512

PHENYL

HALOMETHYL-METAL COMPOUNDS OF PHENYL, 2-DIALKYL-METHYL MERCURY COMPOUNDS THEIR PREPARATION AND SOME CLEAVAGE REACTIONS
 HALOMETHYL-METAL COMPOUNDS IN THE REACTION OF PHENYL DIBROMODIMETHYL MERCURY WITH ALCOHOLS
 HALOMETHYL-METAL COMPOUNDS VIA THE REACTION OF PHENYL DIBROMODIMETHYL MERCURY WITH CARBOXYLIC ACIDS
 HALOMETHYL-METAL COMPOUNDS VIA THE REACTION OF PHENYL DIBROMODIMETHYL MERCURY COMPOUNDS WITH HYDROGEN CHLORIDE
 HALOMETHYL-METAL COMPOUNDS VIA THE REACTION OF THE PHENYL DIBROMODIMETHYL MERCURY-CHLORINE REACTION
 A NOVEL PHOTOINDUCED RING EXPANSION OF 1,1-DIBROMO-2-PHENYL-3-BENZOTRIAZOLINE
 HALOMETHYL-METAL COMPOUNDS VIA THE REACTION OF PHENYL DIBROMODIMETHYL MERCURY COMPOUNDS A NEW METHOD OF
 THE EFFECT OF RING SIZE ON THE RATE OF HYDROLYSIS OF CYCLOALKYL PHENYL SULFONATES
 ELECTRONIC SPECTRA OF CATIONIC SALTS OF CARBONIC ACID DERIVATIVES OF PHENYL SUBSTITUTION IN BENZYL ANIONS
 MECHANISMS OF PHOTOCHEMICAL REACTIONS IN THE FIELD OF RING EXPANSION OF COMPOUNDS CONTAINING PHENYL AND CONJUGATED

AFOSR-67-2513
 AFOSR-67-2514
 AFOSR-67-2515
 AFOSR-67-2516
 AFOSR-67-2517
 AFOSR-67-2518
 AFOSR-67-2519
 AFOSR-67-2520
 AFOSR-67-2521
 AFOSR-67-2522
 AFOSR-67-2523
 AFOSR-67-2524
 AFOSR-67-2525
 AFOSR-67-2526
 AFOSR-67-2527
 AFOSR-67-2528
 AFOSR-67-2529
 AFOSR-67-2530
 AFOSR-67-2531
 AFOSR-67-2532
 AFOSR-67-2533
 AFOSR-67-2534
 AFOSR-67-2535
 AFOSR-67-2536
 AFOSR-67-2537
 AFOSR-67-2538
 AFOSR-67-2539
 AFOSR-67-2540
 AFOSR-67-2541
 AFOSR-67-2542
 AFOSR-67-2543
 AFOSR-67-2544
 AFOSR-67-2545
 AFOSR-67-2546
 AFOSR-67-2547
 AFOSR-67-2548
 AFOSR-67-2549
 AFOSR-67-2550
 AFOSR-67-2551
 AFOSR-67-2552
 AFOSR-67-2553
 AFOSR-67-2554
 AFOSR-67-2555
 AFOSR-67-2556
 AFOSR-67-2557
 AFOSR-67-2558
 AFOSR-67-2559
 AFOSR-67-2560
 AFOSR-67-2561
 AFOSR-67-2562
 AFOSR-67-2563
 AFOSR-67-2564
 AFOSR-67-2565
 AFOSR-67-2566
 AFOSR-67-2567
 AFOSR-67-2568
 AFOSR-67-2569
 AFOSR-67-2570
 AFOSR-67-2571
 AFOSR-67-2572
 AFOSR-67-2573
 AFOSR-67-2574
 AFOSR-67-2575
 AFOSR-67-2576
 AFOSR-67-2577
 AFOSR-67-2578
 AFOSR-67-2579
 AFOSR-67-2580
 AFOSR-67-2581
 AFOSR-67-2582
 AFOSR-67-2583
 AFOSR-67-2584
 AFOSR-67-2585
 AFOSR-67-2586
 AFOSR-67-2587
 AFOSR-67-2588
 AFOSR-67-2589
 AFOSR-67-2590
 AFOSR-67-2591
 AFOSR-67-2592
 AFOSR-67-2593
 AFOSR-67-2594
 AFOSR-67-2595
 AFOSR-67-2596
 AFOSR-67-2597
 AFOSR-67-2598
 AFOSR-67-2599
 AFOSR-67-2600

PHENYL/TRIHALOMETHYL

THE REACTION OF PHENYL/TRIHALOMETHYL MERCURIALS WITH PHENYLALDOLIN THE FIRST CASE OF DIALKYLAROMATIC INSERTION INTO A

AFOSR-67-2601

PHENYLALLYLIC
ELECTROCHEMICAL SUBSTITUTION AT SATURATED CARBON XIX BEHAVIOR OF PHENYLALLYLIC ANIONS AND THEIR CONJUGATED ANIONS AFOSR67-0447
ARL 67-0432

PHENYLFERROCENE
CARBON-METAL HYPERCONJUGATION IN METALLOCENES HYDROGEN EXCHANGE IN PHENYLFERROCENE AFOSR68-0438

PHONETICS
THE RELATION OF DESCRIPTIVE PHONETICS TO RESEARCH IN SPEECH COMMUNICATION AFOSR68-2052

PHONOLOGICAL
A PHONOLOGICAL RULE TESTER AFOSR67-0446

PHONOLOGY
THE ROLE OF DISTINCTIVE FEATURES IN CHILDRENS ACQUISITION OF PHONOLOGY AFOSR68-0264

PHONON
PHONON EFFECTS IN THE UV SPECTRUM OF CRYSTALLINE HEXAMETHYLBENZENE AFOSR68-0199
ARL 67-0432
PHONON COUPLING IN EDGE EMISSION AND PHOTOCONDUCTIVITY OF COSE CDS AND CD/SE S ARL 68-1350
PHONON EFFECTS ON CARRIER TRANSITIONS AT IMPURITY CENTERS AFOSR67-0139
ZERO PHONON LINES IN DIAMOND AND LOCALIZED MODES ARL 67-1262
SPIN PHONON INTERACTION IN MN-DOPED CDS AFOSR68-1743
NONLINEAR PHONON INTERACTION IS PIEZOELECTRIC SEMICONDUCTORS AND EFFECT ON CURRENT SATURATION AFOSR67-1773
ELECTRON AND PHONON EFFECTS IN SUPERCONDUCTING FCC LEAD-BASED ALLOYS AFOSR68-0187
CALCULATION OF PHONON FREQUENCIES AND THERMODYNAMIC PROPERTIES OF CRYSTALLINE BCC HELIUM ARL 68-1440
NONLINEAR OPTICAL AND PHONON PARAMETRIC INTERACTIONS AFOSR68-1557
OBSERVATION OF LOCALIZED PHONON MODES BY SUPERCONDUCTIVE TUNNELING AFOSR67-0627
FABRICATION OF VAPOR-DEPOSITED THIN FILM PIEZOELECTRIC TRANSDUCERS FOR THE STUDY OF PHONON BEHAVIOR IN DIELECTRIC

PHONONS
BEHAVIOR OF COHERENT MICROWAVE PHONONS AT LOW AL/SUB2O/SUB3 TEMPERATURES IN USING VAPOR-DEPOSITED THIN-FILM AFOSR67-0016
THIN-FILM PIEZOELECTRIC TRANSDUCERS USED AS GENERATORS AND DETECTORS OF MICROWAVE PHONONS WITH SOME ATTENUATION AFOSR67-0079

PHOSPHORUS
LOCALIZED VIBRATIONAL MODE ABSORPTION OF PHOSPHORUS IN GALLIUM ARSENIDE AFOSR67-0636

PHOSPHATE
EVIDENCE FOR THE PARTICIPATION OF THE REDUCTIVE PENTOSE PHOSPHATE CYCLE IN PHOTOREDUCTION AND THE DRYHYDROGEN REACTION AFOSR68-1700
ACCURATE CW MEASUREMENTS OF OPTICAL SECOND-HARMONIC GENERATION IN AMMONIUM DIHYDROGEN PHOSPHATE AND CALCITE AFOSR67-1401

PHOSPHINATES
CONFIGURATIONAL CORRELATION OF PHOSPHINATES BY NUCLEAR MAGNETIC RESONANCE AND OPTICAL ROTATORY DISPERSION AFOSR67-2413
PHOTON MAGNETIC RESONANCE SPECTRA OF METHYL PHOSPHINATES AFOSR68-2400
SYNTHESIS AND ABSOLUTE CONFIGURATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES AND PHOSPHINATES AFOSR68-2406

PHOSPHINE
TERTIARY PHOSPHINE COMPLEXES OF PLATINUM/II/ AND PALLADIUM /II/
TERTIARY PHOSPHINE COMPLEXES OF NICKEL SPECTRAL MAGNETIC AND PROTON RESONANCE STUDIES A PLANAR-TETRAHEDRAL AFOSR67-1424
TERTIARY PHOSPHINE COMPLEXES OF COBALT SPECTRAL MAGNETIC AND ELECTRON PARAMAGNETIC RESONANCE STUDIES AFOSR67-0236
INFRARED SPECTRA AND STRUCTURE OF PHOSPHINE AND SUBSTITUTED PHOSPHINE COMPLEXES OF GALLIUM TRIMALIDES AFOSR67-2796
LIGAND-FIELD TRANSITIONS IN TERTIARY PHOSPHINE AND ARSINE COMPLEXES OF RUTHENIUM /II/ AND OSMIUM /II/ AFOSR68-1531
DIRECT CONFIGURATIONAL CORRELATION OF SULFOXIDES AND PHOSPHINE OXIDES BY INTERSYSTEM MATCHING OF COTTON EFFECTS AFOSR68-0927
SYNTHESIS AND ABSOLUTE CONFIGURATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES AND PHOSPHINATES AFOSR68-2233
INFRARED SPECTRA AND STRUCTURE OF PHOSPHINE AND SUBSTITUTED PHOSPHINE COMPLEXES OF GALLIUM TRIMALIDES AFOSR68-2406
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE COMPLEXES OF PLATINUM /II/ AFOSR68-1531
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE COMPLEXES OF PLATINUM /II/ AFOSR67-1613
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS AFOSR67-2726
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS II AFOSR68-0506
REARRANGEMENT OF ALLYL PHOSPHINITES AND OPTICAL STABILITY OF ALLYL PHOSPHINE OXIDES AFOSR68-1592
A NEW ROUTE TO THE PREPARATION AND CONFIGURATIONAL CORRELATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES AFOSR67-2379
MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS I METAL CARBONYL COMPLEXES OF TRIS /DIMETHYLAMINO/ PHOSPHINE AFOSR68-1712

PHOSPHINITES
REARRANGEMENT OF ALLYL PHOSPHINITES AND OPTICAL STABILITY OF ALLYL PHOSPHINE OXIDES AFOSR68-1592

PHOSPHITES
ORGANOPHOSPHORUS CHEMISTRY IV THE REACTIONS OF TRIALKYL PHOSPHITES WITH ALPHA-HALO KETONES AFOSR67-1703

PHOSPHONIC
PHOSPHONIC ACIDS AND ESTERS XIX SYNTHESIS OF SUBSTITUTED PHENYL- AND ARYLPHOSPHONATES BY THE PHOTOINITIATED ARYLATION AFOSR68-0736

PHOSPHORESCENCE
FLUORESCENCE AND PHOSPHORESCENCE OF SULFUR DIOXIDE VAPOR AFOSR68-2869
LUMINESCENCE AND PHOSPHORESCENCE OF AROMATIC HYDROCARBONS IN SOLID MATRICES ARL 67-1173

PHOSPHORUS
PHOSPHORUS COORDINATION COMPOUNDS OF TRANSITION METALS FINAL REPORT JAN 1967 AFOSR67-0417
COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES III METAL CARBONYL COMPLEXES OF 9-PHENYL-9-PHOSPHABICYCLO /4.2.1/ AFOSR68-0693
COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES IV METAL CARBONYL COMPLEXES OF CIS-BIS-1 2-DIPHENYLPHOSPHINO/ ETHYLENE AFOSR68-1709
NUCLEOPHILIC DISPLACEMENTS ON PHOSPHORUS ESTERS FINAL REPORT SEPT 1967 AFOSR67-2247
THE REACTION OF CYCLOPENTYL KETONES WITH PHOSPHORUS PENTACHLORIDE AFOSR67-0029
TRANSITION-METAL COMPLEXES CONTAINING NITROGEN PHOSPHORUS OR SULFUR AFOSR68-0343
REACTIONS OF ACETYLENIC KETONES AND AN ALDEHYDE WITH PHOSPHORUS PENTACHLORIDE AFOSR67-0030
ION RADICALS FROM ORGANIC SULFUR SELENIUM TELLURIUM AND PHOSPHORUS COMPOUNDS FINAL REPORT FEB 1968 AFOSR68-0392
LONG-RANGE DIP SUPER HM SPIN-SPIN COUPLINGS IN BENZYL AND TOLYL PHOSPHORUS COMPOUNDS AFOSR67-2373

PHOSPHORUS-NITROGEN
RESTRICTED ROTATION AROUND PHOSPHORUS-NITROGEN BONDS AFOSR68-2300
BASIC RESEARCH ON SYNTHESIS OF NEW PHOSPHORUS-NITROGEN REAGENTS FINAL REPORT MAY 1968 ARL 68-0101

PHOSPHORUS-31
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE COMPLEXES OF PLATINUM /II/ AFOSR67-1613

A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS II AFOSR67-2726
AFOSR68-0506

PHOTIC

MECHANISMS FOR PHOTIC INHIBITION OF FLASHING IN FIREFLIES
PHOTIC BEHAVIOR AND PHOTIC REFLEX /ITALIAN/
BRIEF COMMUNICATION A NEW TECHNIQUE FOR A STABLE PHOTIC STIMULATION OF FREE-MOVING ANIMALS
SURGICAL IMMOBILIZATION OF THE EYE AND PUPIL PERMITTING STABLE PHOTIC STIMULATION OF FREELY MOVING CATS AFOSR68-2718
AFOSR68-1991
AFOSR68-1699
AFOSR67-2586

PHOTO

A SPECTROSCOPIC INVESTIGATION OF PHOTO- AND THERMOCHROMISM FINAL REPORT APR 1967 AFML 67-0111

PHOTO-INDUCED

PHOTO-INDUCED RPDOR REACTIONS AFOSR67-0396

PHOTO-OPTICAL

PHOTO-OPTICAL MEASUREMENTS ON HIGH-ALTITUDE BARIUM RELEASES FINAL REPORT JUNE 1968 AFCL68-0358

PHOTO-PRODUCED

DECAY CORRELATIONS OF PHOTO-PRODUCED RHO RESONANCES IN THE STRONG ABSORPTION MODEL AFOSR67-0272

PHOTOACTIVATION

PHOTOACTIVATION OF CERIUM NIOBYLIUM SAMARIUM AND GADOLINIUM AFCL67-0595

PHOTOBIOLOGY

PHOTOBIOLOGY FINAL REPORT OCT 1967
RESEARCH IN PHOTOBIOLOGY AND PHOTOCHEMISTRY FINAL REPORT FEB 1968 AFCL67-0590
AFOSR68-0493

PHOTOCATHODE

INTERFERENCE PHOTOCATHODE SENSITIVE TO MULTIPLE BANDS ARL 67-1139

PHOTOCATHODE-FILTER

PHOTOCATHODE-FILTER COMBINATION RESPONSE CURVES AND TABLES FINAL REPORT MARCH 1967 ARL 67-0067
PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY ARL 68-0260
PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY ARL 68-0263

PHOTOCHEMICAL

PHOTOCHEMICAL REACTIVITY AFOSR67-2515
PHOTOCHEMICAL CYCLOBUTANOL FORMATION OF AN ARYL KETONE THE SCOPE AND MECHANISM OF THE REACTION AFOSR67-2617
PHOTOCHEMICAL TRANSFORMATIONS OF SMALL RING CARBONYL COMPOUNDS X PHOTOESULFURIZATION OF DIBENZOYLSTILBENE EPISULFIDE AFOSR67-2658
PHOTOCHEMICAL IGNITION OF GASEOUS FUEL-OXIDIZER MIXTURES AT SURATOSPHERIC PRESSURES AFOSR68-1553
PHOTOCHEMICAL DECARBOXYLATION OF ACIDS WITH THALLIUM/III/ AFOSR68-2511
PRIMARY PHOTOCHEMICAL PROCESSES IN SOME SIMPLE AROMATIC MOLECULES AFOSR68-2011
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XL STERIC HINDRANCE TO ENERGY TRANSFER AFOSR67-0094
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION STUDY OF ENERGY TRANSFER BY KINETIC SPECTROPHOTOMETRY AFOSR67-0095
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVIII REARRANGEMENT OF PHENYLVINYL CYCLOPROPANES AFOSR68-0257
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVII CYCLIZATION OF COMPOUNDS CONTAINING PHENYL AND CONJUGATED AFOSR68-0258
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LII PHOTOREDUCTION OF CAMPHORQUINONE AFOSR68-1271
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LIV A NEW MECHANISM FOR PHOTOCYCLIZATION AFOSR68-1828
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LV NAPHTHALENE-SENSITIZED PHOTOCYCLIZATION OF SULFOXIDES AFOSR68-1904
A STUDY OF THE PHOTOCHEMICAL HYDROGEN-FLUORINE REACTION FINAL REPORT FEB 1967 AFOSR67-1786
FREE RADICALS IN THERMAL AND PHOTOCHEMICAL OXIDATIVE DECARBOXYLATIONS WITH LEAD /IV/ AFOSR68-2510

PHOTOCHEMISTRY

PHOTOCHEMISTRY OF AZO COMPOUNDS ARL 67-1112
THE PHOTOCHEMISTRY OF KETENE THE NITYLENE RADICAL AFOSR67-0637
MOLECULAR PHOTOCHEMISTRY IV SOLUTION PHOTOCHEMISTRY OF CYCLOBUTANONE AND SOME DERIVATIVES AFOSR67-1516
MOLECULAR PHOTOCHEMISTRY AFOSR67-1672
MOLECULAR PHOTOCHEMISTRY V PHOTOCYCLOADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS AFOSR67-2105
MOLECULAR PHOTOCHEMISTRY VIII EVIDENCE FOR A SINGLET-STATE COMPLEX IN THE PHOTOCYCLOADDITION OF ACETONE TO TRANS-1,2- AFOSR68-1727
CORRELATION BETWEEN PHOTOCHEMISTRY AND HIGH-ENERGY RADIATION CHEMISTRY AFOSR68-2854
RECENT ADVANCES IN THE PHOTOCHEMISTRY OF AZO ALKANES ARL 68-1068
CORRELATION BETWEEN THE PHOTOCHEMISTRY AND THE MASS SPECTRA OF PYRUVIC ACID AND ISOPROPYL PYRUVATE AFOSR67-1847
PRIMARY PROCESSES IN THE PHOTOCHEMISTRY OF BICYCLIC AZO COMPOUNDS AFOSR68-1912
RESEARCH IN PHOTOBIOLOGY AND PHOTOCHEMISTRY FINAL REPORT FEB 1968 AFOSR68-0493
MOLECULAR PHOTOCHEMISTRY IV SOLUTION PHOTOCHEMISTRY OF CYCLOBUTANONE AND SOME DERIVATIVES AFOSR67-1516
A STRATOSPHERIC GENERAL CIRCULATION EXPERIMENT INCORPORATING DIABATIC HEATING AND OZONE PHOTOCHEMISTRY AFCL67-0346

PHOTOCHROMIC

NEW PHOTOCHROMIC COMPOUNDS WITH SUBP-NITROBENZYL STRUCTURES AFOSR67-0246

PHOTOCHROMISM

ACID-BASE CHARACTERISTICS OF PHOTOCHROMISM AFOSR67-0614
ACID-BASE CHARACTERISTICS OF PHOTOCHROMISM AFOSR68-0345

PHOTOCONDUCTIVE

SPECTRAL RESPONSE OF THE GE GA PHOTOCONDUCTIVE DETECTOR AFOSR68-2865
FIELD DISTRIBUTION AND CURRENT SATURATION IN PHOTOCONDUCTIVE CDS AFCL68-0534
CURRENT SATURATION AND TRAP-CONTROLLED ELECTRON DRIFT MOBILITY IN PHOTOCONDUCTIVE CDS AFCL67-0581

PHOTOCONDUCTIVITY

PHOTOCONDUCTIVITY OF ELECTRON ACCEPTORS FLUOREN-DELTA/ SUPER 9 ALPHA /-MALONONITRILE AFCL67-0021
PHOTOCONDUCTIVITY OF UV EXCITED DIAMONDS AFCL67-0136
PHOTOCONDUCTIVITY SPECTRA OF LOW-TEMPERATURE ELECTRON-IRRADIATED GERMANIUM AFCL68-0215
OSCILLATORY PHOTOCONDUCTIVITY IN SEMICONDUCTORS ARL 67-1297
OSCILLATORY PHASE OF PHOTOCONDUCTIVITY OF CDS ARL 68-0231
INTRINSIC OSCILLATIONS IN PHOTOCONDUCTIVITY OF ZnSe ARL 68-0121
QUENCHING OF OSCILLATIONS IN PHOTOCONDUCTIVITY OF CDS ARL 68-0249
PHONON COUPLING IN EDGE EMISSION AND PHOTOCONDUCTIVITY OF CDS CDS AND CDS/SE 5 ARL 67-0032

PHOTOCYCLOADDITION
 MOLECULAR PHOTOCHEMISTRY V PHOTOCYCLOADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS
 MOLECULAR PHOTOCHEMISTRY VIII EVIDENCE FOR A SINGLET-STATE COMPLEX IN THE PHOTOCYCLOADDITION OF ACETONE TO TRANS-1,2-
 AFOSR67-2155
 AFOSR68-1727

PHOTODESULFURIZATION
 PHOTOCHEMICAL TRANSFORMATIONS OF SMALL RING CARBONYL COMPOUNDS X PHOTODESULFURIZATION OF DIBENZYLSTILBENE EPISULFIDE
 AFOSR67-2658

PHOTODETECTORS
 RADIATION DAMAGE STUDIES OF SILICON PHOTODETECTORS AND MAGNETIC DEVICES FINAL REPORT APR 1968
 AFOSR68-0220

PHOTODIELECTRIC
 A UNIQUE LASER DETECTOR UTILIZING THE PHOTODIELECTRIC EFFECT IN COOLED SEMICONDUCTORS
 AFOSR67-2138

PHOTODISINTEGRATION
 THE THEORY OF THE PHOTODISINTEGRATION OF THE DEUTERON AND OF OTHER NUCLEI
 AFOSR68-0714

PHOTODISSOCIATION
 STUDIES ON THE QUANTUM YIELDS OF THE PHOTODISSOCIATION OF CARBON MONOXIDE FROM HEMOGLOBIN AND MYOGLOBIN
 AFOSR67-1691

PHOTOPLASTIC
 PHOTOELASTIC AMPLIFICATION OF LIGHT AND THE GENERATION OF HYPERMOUND BY THE STIMULATED BRILLOUIN PROCESS
 AFOSR68-0921
 PHOTOELASTIC COATING TECHNOLOGY APPLIED TO CONTACT PROBLEMS
 ARL 67-1224

PHOTOELASTICITY
 RELATION BETWEEN PHOTOELASTICITY ELECTROSTRICTION AND FIRST ORDER RAMAN EFFECT IN CRYSTALS OF THE DIAMANT STRUCTURE
 AFOSR68-0932

PHOTOELECTRIC
 PHOTOELECTRIC CORRELATION MEASUREMENTS WITH TIME-TO-AMPLITUDE CONVERTERS
 PHOTOELECTRIC EMISSION FROM DONOR-ACCEPTOR SOLIDS AND DONOR MOLECULES
 PHOTOELECTRIC STUDY OF ORBITING SPACECRAFT
 A PHOTOELECTRIC SHOCK SCRAMBLER
 THEORY OF PHOTOELECTRIC DETECTION
 APPROXIMATE FORMULAS FOR PHOTOELECTRIC COUNTING DISTRIBUTIONS
 WIDE BAND /VISUAL SPECTRUM/ PHOTOELECTRIC PHOTOMETRY OF PAGES DURING ITS FIRST FIFTEEN MONTHS IN ORBIT
 PULSED TRANSFORM CHARACTERIZATION OF PHOTOELECTRIC COUNTS
 ANALYTICAL DESCRIPTION OF A PARRY-PRATT PHOTOELECTRIC SPECTROMETER
 AFOSR68-0094
 AFOSR68-1287
 ARL 67-1097
 AFOSR68-2172
 AFOSR67-0628
 AFOSR67-0823
 ARL 68-1140
 AFOSR68-0033
 AFOSR67-0020

PHOTOELECTRON
 PHOTOELECTRON SPECTRA OF FLUORINATED BENZENES
 DETERMINATION OF PARTIAL PHOTOIONIZATION CROSS SECTIONS BY PHOTOELECTRON SPECTROSCOPY
 AFOSR67-1417
 AFOSR68-1099

PHOTOELECTRONIC
 PHOTOELECTRONIC PROPERTIES OF DEFECTS IN CdSe
 THERMOLUMINESCENCE AND OTHER PHOTOELECTRONIC PROCESSES
 ARL 67-1311
 ARL 67-1343

PHOTOELECTRONS
 RADAR THOMSON SCATTER STUDIES OF PHOTOELECTRONS IN THE IONOSPHERE AND LANDAU DAMPING
 AFOSR68-1007

PHOTOEMISSION
 PHOTOEMISSION STUDY OF THE ELECTRONIC STRUCTURE OF CdTe
 PHOTOEMISSION FROM SOLID XENON FILMS /ABSTRACT ONLY/
 PHOTOEMISSION INVESTIGATION OF THE ELECTRONIC STRUCTURE OF CHROMIUM
 RELATIVE QUANTUM YIELD FOR PHOTOEMISSION FROM THIN FILMS OF XENON AND KRYPTON
 AFOSR67-0405
 AFOSR67-1387
 AFOSR68-0920
 AFOSR68-1742

PHOTOEMISSIVE
 SPECTRAL ANALYSIS OF PHOTOEMISSIVE YIELDS IN GaAs AND RELATED CRYSTALS
 ARL 68-0247

PHOTOGRAPHIC
 PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 2 PP57-128 MAR-APR 1967 FINAL REPORT MARCH 1968
 PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 3 PP129-220 MAY-JUN 1967
 PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 4 PP221-294 JUL-AUG 1967 FINAL REPORT MARCH 1968
 PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 12 NUMBER 1 PP1-64 JAN-FEB 1968
 PHOTOGRAPHIC RECORDING WITH ENHANCED CONTRAST USING THE STORAGE IMAGE AMPLIFIER, AND APPLICATIONS IN RESEARCH FINAL
 MULTISPECTRAL PHOTOGRAPHIC STUDIES OF A RED-BED PACIFIC HINAS BASIN NOVA SCOTIA
 RELATIVE HEIGHTS OF PHOTOGRAPHIC FEATURES OF THE MOON FINAL REPORT NOV 1967
 THRESHOLD EXPOSURE OF PHOTOGRAPHIC FILM AND A COMPARISON BETWEEN THE SENSITIVITIES OF FILM AND IMAGE INTENSIFIER- FILM
 CONVERSION VIEWS OF SOME PHOTOGRAPHIC EMULSIONS AND RELATED FACTORS
 ELECTRICALLY CHARGED SURFACES AND THE PHOTOGRAPHIC PROCESS
 PHYSICAL ASPECTS AND PARAMETERS OF THE PHOTOGRAPHIC PROCESS AND THEIR IMPLICATIONS WITH RESPECT TO SENSITIVITY AND
 FINDINGS ON PLANETARY SURFACES AND ATMOSPHERES FROM A STUDY OF THE PHOTOGRAPHIC COLLECTIONS OF THE 1 A U PLANETARY
 A COMPARISON OF THE CONVERSION EFFICIENCY OF NEAR-INFRARED SENSITIVE PHOTOGRAPHIC FILMS WITH THAT OF STANDARD.
 AFOSR68-0781
 AFOSR68-0782
 AFOSR68-0783
 AFOSR68-0784
 ARL 68-0100
 AFOSR67-0603
 AFOSR68-0073
 ARL 68-0245
 ARL 67-0173
 AFOSR67-1670
 ARL 68-0259
 AFOSR67-0504
 ARL 68-0256

PHOTOGRAPHY
 TERRESTRIAL MULTISPECTRAL PHOTOGRAPHY FINAL REPORT OCT 1966
 AFOSR67-0076

PHOTOINDUCED
 A NOVEL PHOTOINDUCED RING EXPANSION OF 1-T-BUTYL-2- PHENYL- 3-BENZOYLAZETIDINE
 AFOSR67-2628

PHOTOINITIATED
 PHOSPHONIC ACIDS AND ESTERS VIA SYNTHESIS OF SUBSTITUTED PHENYL-AND ARYLPHOSPHONATES BY THE PHOTOINITIATED ARYLATION
 AFOSR68-0736

PHOTOIONIZATION
 PHOTOIONIZATION CHEMISTRY. STRUCTURE AND COLLISIONAL DEACTIVATION OF SUBAMBIUS SUPER PLUS IONS FROM ISOMERIC
 CHARACTERISTICS OF PHOTOIONIZATION PLASMA SOURCE
 DETERMINATION OF PARTIAL PHOTOIONIZATION CROSS SECTIONS BY PHOTOELECTRON SPECTROSCOPY
 ARL 68-1329
 AFOSR67-1142
 AFOSR68-1099

PHOTOLYSIS
 PHOTOLYSIS STUDIES UTILIZING RADIOACTIVE TRACERS FINAL REPORT APRIL 1967
 AFOSR67-1079

PHOTOLYSIS

- CONTINUED

THE PHOTOLYSIS OF CYCLOBUTANONE
THE PHOTOLYSIS OF ALKYL NITRATES IN ALCOHOLIC MEDIA
FLASH PHOTOLYSIS STUDIES OF 1,3,5-CYCLOTRIAZINE: A REVERSIBLE RING OPENING
FLASH PHOTOLYSIS UNDER NON-STEADY-STATE CONDITIONS
LASER PHOTOLYSIS AND SPECTROSCOPY IN THE NANOSECOND TIME RANGE EXCITED SINGLET STATE ABSORPTION IN CORONENE
RECOMBINATION OF H₂ ATOMS BY FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE
KINETIC STUDIES ON HEMOGLOBIN BY FLASH PHOTOLYSIS FINAL REPORT JAN 1967
KINETICS STUDIES ON HEMOGLOBIN BY FLASH PHOTOLYSIS FINAL REPORT JAN 1968
ENERGY DISTRIBUTION IN REACTION PRODUCTS THE PHOTOLYSIS OF CYCLOBUTANONE
KINETICS OF ATOMIC ASSOCIATION REACTIONS USING FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE FINAL REPORT NOV 1966
MECHANISTIC CONSEQUENCES OF CURVED STERN-VOLMER PLOTS THE PHOTOLYSIS OF CYCLOBUTANONE
DISTRIBUTION AND EXCHANGE OF EXCESS VIBRATIONAL ENERGY PRODUCED IN THE PHOTOLYSIS OF 2,3-DIAZABICYCLO[2.2.1]HEPTANE
STUDIES OF RADICAL IONLESS TRANSITIONS IN CORONENE USING NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY
EXCITED SINGLET ABSORPTION IN 1,2-BENZANTHRACENE BY THE USE OF NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY

AFOSR66-1596
AFOSR66-2842
AFOSR67-2403
AFOSR67-2655
ARL 66-0144
AFOSR66-0790
AFOSR67-0921
AFOSR66-0624
AFOSR66-0043
AFOSR66-2756
AFOSR66-0044
AFOSR66-1908
ARL 66-1183
ARL 66-0326

PHOTOMETER

HIGH-STABILITY PHOTOMETER UTILIZING OPTICAL FEEDBACK

AFOSR66-0364

PHOTOMETRIC

A PHOTOMETRIC DEVICE FOR THE IDENTIFICATION OF MULTIPLY CHARGED PARTICLES STOPPING IN NUCLEAR EMULSION:
ON A PHOTOMETRIC METHOD FOR CONCENTRATION DETERMINATIONS

AFOSR67-1284
AFOSR67-1291

PHOTOMETRY

NEAR INFRARED PHOTOMETRY OF LATE TYPE STARS
NARROW- AND BROAD-BAND PHOTOMETRY OF RED STARS I NORTHERN GIANTS
NARROW- AND BROAD-BAND PHOTOMETRY OF RED STARS II DWARFS
WIDE BAND VISUAL SPECTRA PHOTOELECTRIC PHOTOMETRY OF PAGESO DURING ITS FIRST FIFTEEN MONTHS IN ORBIT
DIAGNOSIS OF SPACECRAFT SURFACE PROPERTIES AND DYNAMICAL MOTIONS BY OPTICAL PHOTOMETRY.

AFOSR66-0042
AFOSR67-2670
AFOSR66-2269
ARL 66-1140
ARL 66-1346

PHOTOMICROSCOPY

APPLICATION OF HIGH-SPEED HOLOGRAPHIC PHOTOMICROSCOPY

ARL 67-1345

PHOTOMULTIPLIER

SYNCHRONOUS DETECTION VS PULSE COUNTING FOR SENSITIVE PHOTOMULTIPLIER DETECTION SYSTEMS

AFOSR66-2117

PHOTON

PHOTON STATISTICS AND CLASSICAL FIELDS
PHOTON NUMBER CAUSED BY A CLASSICAL TRANSMITTER
COHERENT SHORT PHOTON STATES AND INFRARED DIVERGENCES I CLASSICAL CURRENTS
DYNAMICAL COMPUTATION OF PHOTON CORRELATIONS AND COUNTING STATISTICS
INTERFERENCE OF INDEPENDENT PHOTON BEAMS
INTERFERENCE EFFECTS AT THE SINGLE PHOTON LEVEL
DECAY MODES OF THE ETA INTO 3 PIS PLUS A PHOTON & OF THE ETA INTO PI ZERO PLUS 2 PHOTONS/
SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS
SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS
FURTHER EXPERIMENTS ON INTERFERENCE OF INDEPENDENT PHOTON BEAMS AT LOW LIGHT LEVELS

AFOSR67-0032
AFOSR67-2327
AFOSR67-1699
AFOSR67-2283
AFOSR67-2321
AFOSR67-2320
AFOSR67-1749
AFOSR66-0190
AFOSR66-2058
AFOSR66-2229

PHOTON-ASSISTED

PHOTON-ASSISTED MAGNETOTUNNELING IN GERMANIUM IN PARALLEL AND CROSSED ELECTRIC AND MAGNETIC FIELDS
THEORY OF TUNNELING INCLUDING PHOTON-ASSISTED TUNNELING IN SEMICONDUCTORS IN CROSSED AND PARALLEL ELECTRIC AND

AFOSR66-0176
AFOSR66-0334

PHOTON-ENHANCED

PHOTON-ENHANCED FIELD EMISSION FROM CDS SINGLE CRYSTALS
FIELD- AND PHOTON-ENHANCED FIELD EMISSION FROM THIN-FILM FIELD-EMISSION DEVICES

AFOSR67-1303
AFOSR66-2659

PHOTON-PHONON

PHOTON-PHONON INTERACTION IN THIN FILMS
PHOTON-PHONON INTERACTION IN THIN FILMS

ARL 66-0016
ARL 66-0261

PHOTONS

INDIRECT COUPLING OF PHOTONS TO THE SURFACE PLASMON
MUTUAL REFRACTION OF ELECTRONS AND PHOTONS
DETECTION AND STUDY OF HIGH-ENERGY COSMIC PHOTONS FINAL REPORT MARCH 1967
IMPLICATIONS OF REGGE BEHAVIOR FOR PROCESSES INVOLVING PHOTONS
COVARIANT THEORY OF THE DISINTEGRATION OF THE DEUTERON BY PIONS AND PHOTONS AT HIGH ENERGY

AFOSR66-1229
AFOSR67-0472
AFOSR67-0950
AFOSR66-0276
AFOSR66-1363

PHOTOPOLARIMETER

GAIN COMPENSATED PHOTOPOLARIMETER FOR AIRBORNE MEASUREMENTS OF SKYLIGHT POLARIZATION

AFOSR67-0396

PHOTOPOLYMERIZATION

PHOTOPOLYMERIZATION STUDIES II IMAGING AND OPTICAL FIXING

AFOSR66-2012

PHOTOPRODUCTION

PHOTOPRODUCED AND ELECTROPRODUCED MUON PAIRS

AFOSR67-0674

PHOTOPRODUCTION

ABSORPTION IN HIGH-ENERGY PHOTOPRODUCTION
LOW-ENERGY THEORY FOR PION PHOTOPRODUCTION FROM THE HYPOTHESIS OF PARTIALLY CONSERVED AXIAL-VECTOR CURRENT
CONSPIRACY AND SUPERCONVERGENCE IN PION PHOTOPRODUCTION
DETERMINATION OF RHO ZERO-NUCLEON TOTAL CROSS SECTIONS FROM COHERENT PHOTOPRODUCTION

AFOSR66-1365
AFOSR66-0439
AFOSR67-2699
AFOSR67-0575

PHOTORACEMIZATION

MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LV NAPHTHALENE-SENSITIZED PHOTORACEMIZATION OF SULFOXIDES

AFOSR66-1904

PHOTOREACTION

EVIDENCE FOR THE PHOTOREACTION F-F-PHASE IN CA-D CA

AFOSR66-1705

PHOTOREDUCTION

RELATIVE STATE IN THE PHOTOREDUCTION OF ACRIDINE IN ETHANOL

ARL 66-0129

PHOTOREDUCTION - CONTINUED

| | |
|---|------------------------------|
| MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LII PHOTOREDUCTION OF CARPHORQUINONE EVIDENCE FOR THE PARTICIPATION OF THE REDUCTIVE PENTOSE PHOSPHATE CYCLE IN PHOTOREDUCTION AND THE OXYHYDROGEN REACTION | AFOSR66-1271
AFOSR66-1700 |
| PHOTONS | |
| THE EFFECTS OF TIDAL FRICTION ON THE EVOLUTION OF THE MARTIAN MOON PHOTOS | ARL 66-1299 |
| PHOTOSENSITIZATION | |
| MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LTV A NEW MECHANISM FOR PHOTOSENSITIZATION | AFOSR66-1628 |
| PHOTOSPHERE | |
| A NEW DETERMINATION OF THE CIP/C13 ISOTOPIIC ABUNDANCE RATIO IN THE SOLAR PHOTOSPHERE | APCRL67-0480 |
| PHOTOSTIMULATED | |
| P AND M TRANS IN ALKALI HALIDES STUDIED BY MEANS OF PHOTOSTIMULATED THERMOLUMINESCENCE | AFOSR67-1342 |
| PHOTOSTRESS | |
| A PHOTOSTRESS STUDY OF SPUR GEAR TEETH | ARL 67-1219 |
| PHOTOSYNTHESIS | |
| INVESTIGATIONS ON THE ROLE OF ELECTRON CARRIERS IN PHOTOSYNTHESIS IN CELL-FREE SYSTEMS FINAL REPORT MAY 1967 | APCRL67-0442 |
| PHOTOSYNTHETIC | |
| PHOTOSYNTHETIC REACTIONS OF CHLOROPLASTS WITH UNUSUAL STRUCTURES | AFOSR66-0496 |
| PHOTOTUBES | |
| USE OF SIGNAL-TO-NOISE RATIO THEORY TO EVALUATE PARAMETERS CHARACTERISTIC OF MULTIPLIER PHOTOTUBES | AFOSR66-0356 |
| PHOTOVOLTAGE | |
| LIFETIME GRADIENT PHOTOVOLTAGE IN SEMICONDUCTORS | ARL 67-0239 |
| PHOTOVOLTAIC | |
| THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH EFFICIENCY COS THIN-FILM SOLAR CELLS RESEARCH ON THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH-EFFICIENCY COS THIN-FILM SOLAR CELLS | ARL 66-1417
ARL 67-0190 |
| PHRAGMEN | |
| PHRAGMEN LINDLOF AND COMPARISON THEOREMS FOR ELLIPTIC -PARABOLIC DIFFERENTIAL EQUATIONS | AFOSR67-2323 |
| PHRAGMEN-LINDLOF | |
| PHRAGMEN-LINDLOF AND COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS WITH MIXED BOUNDARY CONDITIONS | AFOSR66-0263 |
| PHYCOCYTHININ | |
| MERCURIAL-INDUCED DISSOCIATION OF PHYCOCYTHININ FROM CERAMUM RUBRUM | APCRL67-0126 |
| PHYCOCYTHOROBILIN | |
| UROBILINOID DERIVATIVES OF PHYCOCYTHOROBILIN A PROSTHETIC GROUP OF R-PHYCOCYTHININ THE OPTICAL ACTIVITY OF UROBILIN DERIVATE FROM PHYCOCYTHOROBILIN | AFOSR66-0531
AFOSR66-0513 |
| PHYSICAL | |
| PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS FINAL REPORT JAN 1967 | APCRL67-0061 |
| PHYSICAL AND BALLISTIC TESTS IN SUPPORT OF ROUNDING ROCKET VEHICLES FINAL REPORT MAY 1967 | APCRL67-0275 |
| PHYSICAL CHARACTERIZATION OF ELECTRONIC MATERIALS DEVICES AND THIN FILMS | APCRL66-0091 |
| PHYSICAL INVESTIGATION OF THE MESOPHASE IN SILICON | AFOSR66-0285 |
| PHYSICAL ADSORPTION-A TOOL IN THE STUDY OF THE FRONTIERS OF MATTER | AFOSR66-0778 |
| PHYSICAL PROPERTIES OF SOLIDS AT HIGH PRESSURES FINAL REPORT APRIL 1968 | AFOSR66-0954 |
| PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE EXPERIMENTAL | AFOSR66-1563 |
| PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE THEORY | AFOSR66-1564 |
| PHYSICAL PROPERTIES OF SELECTED BETA-DIKETONES | ARL 67-0189 |
| PHYSICAL ASPECTS AND PARAMETERS OF THE PHOTOGRAPHIC PROCESS AND THEIR IMPLICATIONS WITH RESPECT TO SENSITIVITY AND THE PHYSICAL TENSOR AND APPLICATION FINAL REPORT FEB 1967 | ARL 66-0259
AFOSR67-1161 |
| THE PHYSICAL TENSOR AND APPLICATION | AFOSR66-1621 |
| THE PHYSICAL NATURE OF THE NUMERICAL INSTABILITY IN THE SOLUTION OF THE EQUATIONS OF TRANSFER ON THE PHYSICAL REALITY OF ELECTROMAGNETIC POTENTIALS/ | ARL 67-1179 |
| A AND M PHYSICAL AND OPTICAL OBSERVATIONAL SPECTROSCOPY AND BREAKDOWN | APCRL66-0064 |
| NONSIMPLE PHYSICAL REGION SINGULARITIES OF THE S MATRIX | AFOSR66-2309 |
| NOTES ON THE PHYSICAL STATE OF THE PRISONER OF WAR AS IT MAY AFFECT BRAIN FUNCTION | AFOSR67-1350 |
| A STUDY OF THE PHYSICAL PROPERTIES OF HIGH-TEMPERATURE SINGLE CRYSTALS FINAL REPORT SEPT 1967 | AFOSR66-1407 |
| BIOLOGICAL AND PHYSICAL REALIZATIONS OF ABSTRACT METABOLIC MODELS | APCRL67-0848 |
| THE EFFECTS OF PHYSICAL AND SYMBOLIC STRESSORS ON PERCEPTIVE MECHANISMS FINAL REPORT JUNE 1968 | AFOSR67-1660 |
| STUDIES OF THE PHYSICAL AND CHEMICAL PROPERTIES OF SOLID SURFACES FINAL REPORT NOVEMBER 1968 | AFOSR66-1516 |
| A REPORT ON JOINT AMERICAN PHYSICAL SOCIETY AND JAPANESE PHYSICAL SOCIETY MEETING ON FLUID DYNAMICS HONOLULU HAWAII | ARL 66-0194
AFOSR67-0613 |
| SIMPLIFIED VARIATIONAL AND PHYSICAL ANALYSIS OF HEAT TRANSFER IN LAMINAR AND TURBULENT FLOW | AFOSR66-0103 |
| NONLINEAR DATA REDUCTION IN PHYSICAL CHEMISTRY | ARL 66-1451 |
| HEAT TREATMENT EFFECTS ON SOME PHYSICAL PROPERTIES OF METALLIC SINGLE CRYSTALS | AFOSR66-1718 |
| DISCRIMINABILITY OF STIMULI VARYING IN PHYSICAL AND RETINAL ORIENTATION | AFOSR67-2007 |
| CONVECTIVE INSTABILITY OF INERTIA WAVES AND PHYSICAL ANALYSIS OF THE FORMATION OF TYPHOONS AT THE EARLY STAGE | APCRL66-0292 |
| LORENZ TRANSFORMATIONS IN PHASE SPACE AND IN PHYSICAL SPACE | AFOSR66-1028 |
| DIAGNOSTIC CRITERIA FOR THE STUDY OF CHEMICAL AND PHYSICAL PROCESSES BY THIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY | AFOSR67-0553 |
| THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES II PHYSICAL AND CHEMICAL PROPERTIES | AFOSR67-0886 |
| CONSEQUENCES OF AN APPROXIMATE CY INVARIANCE OF THE PHYSICAL HADRON | AFOSR67-0271 |
| A REPORT ON JOINT AMERICAN PHYSICAL SOCIETY AND JAPANESE PHYSICAL SOCIETY MEETING ON FLUID DYNAMICS HONOLULU HAWAII | AFOSR67-0613 |
| THE TWO USERS OF NONCOMPACT GROUP IN PARTICLE PHYSICS AND THEIR PHYSICAL APPLICATIONS | AFOSR67-1351 |
| PROCEEDINGS OF THE FIFTH WERFLEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME III PHYSICAL SCIENCES | AFOSR66-2093 |
| PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY | ARL 66-0260 |
| PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY | ARL 66-0263 |
| PHYSICOCHEMICAL | |
| A PHYSICOCHEMICAL BASIS FOR PATTERN AND RHYTHM | AFOSR67-1163 |

PHYSICS

PHYSICS OF VIBRONIC TRANSITIONS IN THE SPECTRA FOR RARE EARTH IONS IN CRYSTALS FINAL REPORT FEB 1967
 PHYSICS OF FERROMAGNETIC AND FERROELECTRIC MEDIA FINAL REPORT OCT 1966
 PHYSICS WITH HIGH MAGNETIC FIELDS AT THE NATIONAL MAGNET LABORATORY
 PHYSICS OF COLOR PERCEPTION
 THE PHYSICS OF METASTABLE SYSTEMS FINAL REPORT MAY 1967
 THE PHYSICS AND CHEMISTRY OF GASES AT HIGH TEMPERATURES FINAL REPORT MARCH 1968
 SOLAR PHYSICS RESEARCH AT OBSERVATORIO ASTRONOMIC DE ARCTURI
 PLASMA PHYSICS IN AN ASTROPHYSICAL ENVIRONMENT FINAL REPORT DEC 1966
 PLASMA PHYSICS AND RELATED TOPICS IN ASTROPHYSICS
 ATOMIC PHYSICS AND MANY-PARTICLE INTERACTIONS
 CRYOGENIC PHYSICS RESEARCH FINAL REPORT FEB 1967
 MANY-BODY PHYSICS
 HIGH ENERGY PHYSICS FINAL REPORT AUG 1966
 IS NEWTONIAN PHYSICS THE ASYMPTOTIC LIMIT OF GENERAL RELATIVITY
 HIGH ENERGY NUCLEAR PHYSICS AND ELEMENTARY PARTICLES FINAL REPORT JUNE 1967
 ON THE PRODUCTION OF PHYSICS IN OUR COMMUNITY
 VAN ALLEN BELT PLASMA PHYSICS
 SHOCK WAVES IN PLASMA PHYSICS
 FOUNDATIONS RESEARCH IN PHYSICS
 SOME PROBLEMS IN PLASMA PHYSICS
 RESEARCH IN IONOSPHERIC PHYSICS
 ISOMERIC SPIN IN NUCLEAR PHYSICS
 LOW ENERGY X-RAY AND ELECTRON PHYSICS FINAL REPORT DEC 1967
 RESEARCH IN ELEMENTARY PARTICLE PHYSICS FINAL REPORT JUNE 1968
 FINITE TRANSLATIONS IN SOLID-STATE PHYSICS
 RESEARCH IN THEORETICAL SOLID STATE PHYSICS FINAL REPORT OCT 1967
 DISPERSION RELATIONS IN HIGH ENERGY PHYSICS FINAL REPORT OCT 1967
 RESEARCH ON THEORETICAL HIGH ENERGY PHYSICS AND QUANTUM THEORY OF MANY PARTICLE SYSTEMS FINAL REPORT DEC 1967
 SPACE AND TIME ASYMMETRIES IN PARTICLE PHYSICS
 SPACE AND TIME ASYMMETRIES IN PARTICLE PHYSICS
 RESEARCH ON NON EQUILIBRIUM STATISTICAL PHYSICS FINAL REPORT OCT 1966
 THEORY OF MANY BODY PROBLEM AND PARTICLE PHYSICS FINAL REPORT JAN 1968
 TECHNIQUES OF LOW ENERGY X-RAY AND ELECTRON PHYSICS 50 TO 1000 EV REGION
 THE TWO USES OF NONCOMPACT GROUP IN PARTICLE PHYSICS AND THEIR PHYSICAL APPLICATIONS
 WEIRD THEORETIC N-N INTERACTIONS FOR NUCLEAR PHYSICS
 SEVEN PROJECTS IN STELLAR AND UPPER ATMOSPHERIC PHYSICS FINAL REPORT NOV 1968
 THEORETICAL AND EXPERIMENTAL STUDIES IN CHEMICAL PHYSICS FINAL REPORT NOV 1968
 ISOMERIC SPIN- ITS INFLUENCE ON RESEARCH IN NUCLEAR PHYSICS WITH SMALL ACCELERATORS
 EXPERIMENTAL AND THEORETICAL RESEARCH IN GRAVITATION PHYSICS FINAL REPORT JAN 1968
 TWO-NUCLEON INTERACTION AS A RESEARCH TOOL IN PARTICLE PHYSICS
 ANALYSIS OF SPACE-TIME STRUCTURE IN ELEMENTARY PARTICLE PHYSICS
 RESEARCH IN EXPERIMENTAL AND THEORETICAL LOW-ENERGY NUCLEAR PHYSICS FINAL REPORT JAN 1967
 A HISTORY OF INTENSE MAGNETIC FIELDS AND THEIR CONTRIBUTION TO PHYSICS
 COMPUTERIZED GRAPHICAL DISPLAY OF DATA FOR VISUAL EXAMINATION AND ANALYSIS IN PHYSICS RESEARCH.
 EXPERIMENTAL INVESTIGATIONS OF CRITICAL PHENOMENA PUBLISHED IN REPORTS ON PROGRESS IN PHYSICS V30 PT2 PP731-826 1967

AFCL67-0278
 AFCL68-0514
 AFOSR67-2281
 ARL 68-0286
 AFOSR67-1048
 AFOSR68-0830
 ARL 68-1102
 AFCL67-0195
 AFOSR68-1890
 AFOSR68-2020
 AFOSR67-0664
 AFOSR68-1137
 AFOSR68-2876
 ARL 68-1085
 AFOSR67-2294
 ARL 68-1458
 AFOSR67-0213
 AFOSR68-1205
 AFOSR67-1373
 AFOSR67-1478
 AFOSR68-1020
 AFOSR67-0448
 AFOSR67-2781
 AFOSR68-2313
 AFOSR68-0553
 AFOSR67-2504
 AFOSR68-0819
 AFOSR68-0910
 ARL 68-1016
 ARL 68-1199
 AFOSR67-0927
 AFOSR68-1741
 AFOSR68-2186
 AFOSR67-13-1
 AFOSR67-2806
 AFCL68-0619
 AFOSR67-0041
 ARL 67-1045
 AFOSR68-2852
 AFOSR68-0139
 AFOSR67-0491
 AFOSR67-0608
 AFOSR68-1090
 ARL 68-0267
 AFOSR68-0268

PHYSICOCHEMICAL

PHYSICOCHEMICAL MEASUREMENTS OF METAL CHELATES BY GAS-LIQUID PARTITION CHROMATOGRAPHY

ARL 68-0034

PHYSIOLOGICAL

EFFECTS OF PHYSIOLOGICAL RHYTHMS ON PERFORMANCE FINAL REPORT MARCH 1967
 SPECIAL REVIEW PART I PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH
 SPECIAL REVIEW PART II PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH
 MATHEMATICAL MODELS OF PHYSIOLOGICAL SYSTEMS
 MATHEMATICAL MODELS OF PHYSIOLOGICAL SYSTEMS
 MATHEMATICAL MODELING OF PHYSIOLOGICAL SYSTEMS
 INTERACTION OF BEHAVIORAL AND PHYSIOLOGICAL STRESS REACTIONS
 VASODILATION IN ITS BIOASSAY AND THE PHYSIOLOGICAL CONTROL OF ITS RELEASE
 ROLE OF VARIOUS BRAIN STRUCTURES ON PHYSIOLOGICAL FUNCTIONS FINAL REPORT DEC 1967
 AN INEXPENSIVE VARIABLE-RADIUS CENTRIFUGE FOR PHYSIOLOGICAL EXPERIMENTS

AFOSR67-0857
 AFOSR67-2287
 AFOSR67-2288
 ARL 68-1240
 ARL 68-1257
 ARL 68-1270
 AFOSR68-2706
 AFOSR67-1721
 AFOSR68-0394
 AFOSR67-0871

PHYSIOLOGY

PHYSIOLOGY OF ELECTROTONIC JUNCTIONS
 BIOCHEMISTRY AND PHYSIOLOGY OF DOPAMINE IN THE BRAIN FINAL REPORT FEB 1968
 MATHEMATICAL MODELING IN PHYSIOLOGY
 MATHEMATICAL MODEL IDENTIFICATION IN PHYSIOLOGY
 NEUROGENICS OF MUSCLE ACTIVITY IN RELATION TO THE MOLECULAR PHYSIOLOGY OF THE CONTRACTION PROCESS FINAL REPORT DEC 1966
 RHEOLOGY OF ITS SCOPE HISTORY AND SOME PROBLEMS OF CONTINUUM MECHANICS IN PHYSIOLOGY

AFOSR67-1492
 AFOSR68-0526
 ARL 68-1260
 ARL 68-1294
 AFOSR68-1635
 AFOSR68-0903

PHYTO-CHEMICAL

PHYTO-CHEMICAL STUDY OF THE SPECIES DATURA SANGUINEA /SPANISH/

AFOSR67-0843

PHYTOCHEMICAL

PHYTOCHEMICAL STUDY OF A PSYCHOIMPACT PLANT PERNETTYA PARVIFOLIA /SPANISH/
 PHYTOCHEMICAL STUDY OF THE PSYCHOIMPACT SPECIE IPOMEA CARNEA /SPANISH/

AFOSR68-2781
 AFOSR68-2782

PI-ELECTRON

ELEMENTARY EXCITATIONS IN PI-ELECTRON MOLECULES
 GROUND STATES OF SIGMA-BONDED MOLECULES III. VALENCE-CHELL AND PI-ELECTRON SCF MO CALCULATIONS FOR CONJUGATED

AFOSR68-0110
 AFOSR68-1948

PI-MOLECULAR

SOME PI-MOLECULAR COMPLEXES SHOWING NO CHARGE TRANSFER SPECTRA FORMED BY P-TOLUENESULFONIC ESTERS

AFOSR68-1593

PI-ZERO

BACKWARD COMPTON SCATTERING SUM RULE AND THE PI-ZERO YIELDS TWO GAMMA ETA-ZERO YIELDS TWO GAMMA DECAY RATES

AFOSR68-2279

PICRATE

EFFECT OF PRESSURE ON CONDUCTANCE III TETRAISODIUM PICRATE ANISOLE

AFOSR68-0218

PICRATES

ELECTRONIC ABSORPTION SPECTRA OF ION PAIRS COMPOSED OF SUBSTITUTED AMINE PICRATES IN ACETONITRILE

AFOSR68-1695

PICTORIAL

A STUDY OF DISCRETE PROPAGATION-BASED MODELS FOR PICTORIAL PATTERN ANALYSIS FINAL REPORT JUNE 1967

AFCL67-0467

PICTURE

FACTORS AFFECTING THE ART PICTURE QUALITY
REGULARITIES ARISING IN THE COMPOSITE-HADRON PICTURE IN TERMS OF A THEORY OF HIGH-ENERGY CURRENTS AFOSR68-0817
AFOSR68-0881

PICTURES

ON THE REPRESENTATION OF LIMITED INFORMATION BY MEANS OF PICTURES TREES AND ENGLISH-LIKE SENTENCES AFOSR68-1343

PIPCWISS

A HILLCLIMBING TECHNIQUE USING PIECEWISE CURVIC APPROXIMATION
CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC JORDAN CURVE WITH AFOSR67-1282
AFOSR67-2580

PIFZO-OPTICAL

PIFZO-OPTICAL CONSTANTS OF INFORMATION POTENTIALS AND THE ELECTRONIC STRUCTURE OF COPPER AFOSR68-0723

PIEZOELECTRIC

PIEZOELECTRIC THIN FILM TRANSDUCERS FINAL REPORT OCT 1967
THIN-FILM PIEZOELECTRIC TRANSDUCERS USED AS GENERATORS AND DETECTORS OF MICROWAVE PHONONS WITH SOME ATTENUATION
MULTILAYER THIN FILM PIEZOELECTRIC TRANSDUCERS
ELASTIC WAVE PRECIPITATION IN PIEZOELECTRIC GLASS
NONLINEAR PHONON INTERACTION IN PIEZOELECTRIC SEMICONDUCTORS AND EFFECT ON CURRENT SATURATION
MULTILAYER ENHANCEMENT OF MICROWAVE PIEZOELECTRIC CONVERSION IN CAS-SIO LAYERS
FABRICATION OF VAPOR-DEPOSITED THIN FILM PIEZOELECTRIC TRANSDUCERS FOR THE STUDY OF PHONON BEHAVIOR IN DIELECTRIC
A MICROWAVE SOURCE USING ULTRASONIC AMPLIFICATION IN PIEZOELECTRIC SEMICONDUCTORS AFOSR67-0810
AFOSR67-0079
AFOSR67-0019
AFOSR67-0886
AFOSR68-1743
AFOSR67-0017
AFOSR67-0687
AFOSR68-0198

PIGEON

SLEEP IN THE PIGEON
INTER-Hemispheric COMPARISON OF VISUAL STIMULI IN THE PIGEON
A METHOD FOR RESTRICTING STIMULI TO THE FRONTAL OR LATERAL VISUAL FIELD OF EACH EYE SEPARATELY IN PIGEON AFOSR67-2548
AFOSR67-2139
AFOSR67-2112

PIGEONS

SUPPRESSION OF NON-LINEARITIES IN THE PIGEONS ELECTRORETINOGRAM /ERG/ AFOSR68-2687

PIGMENT

PIGMENT MIGRATION LIGHT SCREENING AND RECEPTOR SENSITIVITY IN THE COMPOUND EYE OF NOCTURNAL LEPIDOPTERA
PIGMENT MIGRATION AND RETINULAR SENSITIVITY AFOSR67-0908
AFOSR68-0696

PILOT

PHEDICATION -TYPING A PILOT STUDY IN SEMANTIC ANALYSIS AFOSR68-0765

PILOTS

U S VULNERABILITIES AS PORTRAYED IN THE EAST GERMAN TELEVISION FILM PILOTS IN PAJAMAS AFOSR68-1623

PINACOLYL

THE 3 3-DIMETHYL-2-BUTYL CATION PINACOLYL CATION AFOSR68-2906

PINCH

COMPARISON OF NUMERICAL CALCULATIONS AND MEASURED SPACE-TIME RESOLVED PLASMA PROPERTIES OF A DYNAMICAL THETA PINCH AFOSR67-0810

PINEAL

CENTRAL CONTROL OF NADRENALINE CONTENT IN RAT PINEAL AND SUBMAXILLARY GLANDS
NADRENALINE AND DOPAMINE CONTENT OF NORMAL DECENTRALIZED AND DENERVATED PINEAL GLAND OF THE RAT AFOSR67-1104
AFOSR67-1105

PION

PION FORM FACTOR AND MASS SPECTRUM OF BOSONS
THE ONE PION EXCHANGE CONTRIBUTION TO THE WEAK PARITY VIOLATING NUCLEON-NUCLEON POTENTIAL
MULTIPLE PION PRODUCTION IN A 5-GEV/C PI MINUS PROTON INTERACTIONS
HIGH ENERGY PION INTERACTIONS
LIMITATIONS OF PION POLE DOMINANCE
CHARGED DOUBLE PION PRODUCTION IN PI PLUS P SCATTERING AT 910 MEV/C
CHARGED DOUBLE PION PRODUCTION IN PI PLUS P SCATTERING AT 910 MEV/C
MULTIPLE NEUTRAL PION PRODUCTION
FORM FACTORS AND THE PION CHARGE FORM FACTOR
MAGNETIC MOMENTS AND PION CURRENTS IN NUCLEAR MATTER
LOW-ENERGY THEOREM FOR PION PHOTO PRODUCTION FROM THE HYPOTHESIS OF PARTIALLY CONSERVED AXIAL-VECTOR CURRENT
LIFETIME OF THE NEUTRAL PION
LOW-ENERGY CONSTRAINTS ON PION PRODUCTION AMPLITUDES IN PI NUCLEON SCATTERING
CONSPIRACY AND SUPERCONVERGENCE IN PION PHOTO PRODUCTION
FINAL STATE INTERACTION EFFECTS IN NEGATIVE PION MESONIC DECAYS OF LIGHT HYPERNUCLEI
REACTION OF K PLUS PARTICLES WITH PROTONS INTO NEUTRAL K PLUS POSITIVE PION PLUS PHOTONS AT 1.26 GEV/C AFOSR68-1269
AFOSR68-0569
AFOSR68-0142
AFOSR68-2285
AFOSR67-1632
ARL 67-0193
ARL 68-0329
AFOSR68-0135
AFOSR67-1372
AFOSR67-2051
AFOSR68-0439
AFOSR67-0172
AFOSR68-0198
AFOSR67-2699
AFOSR68-1256
AFOSR67-2340

PION-NUCLEON

SOME REMARKS ON THE POLARIZATION DATA FOR PION-NUCLEON SCATTERING AFOSR68-1215

PIONS

ABSENCE OF SCALAR GOLDSTONE PIONS
STRUCTURE OF THE $\pi\pi$ DECAY INTO 3 PIONS AMPLITUDE
COVARIANT THEORY OF THE DISINTEGRATION OF THE DEUTERON BY PIONS AND PHOTONS AT HIGH ENERGY AFOSR68-2748
AFOSR67-1748
AFOSR68-1363

PIPE

WIND TUNNEL PIPE FLOW EXPERIMENTS, FINAL REPORT, DEC 1967
VISCIOUS FLOW IN A PIPE WITH ABSORBING WALLS ARL 67-0236
AFOSR68-0599

PIPES

HEAT TRANSFER IN CYLINDRICAL PIPES WITH FULLY ESTABLISHED TURBULENT FLOW AND EXPOSED TO A UNIFORM TEMPERATURE ARL 67-0039

PISTON

USE OF A FREE PISTON FOR GENERATING HYPERVELOCITY FLOWS ARL 67-1232

PITCH
RESEARCH ON HYPERSONIC STABILITY DERIVATIVES IN PITCH FOR BLUNTED SLENDER CONES
POSITIVE ION SENSING SYSTEM FOR THE MEASUREMENT OF SPACECRAFT PITCH AND YAW AIR FORCE D-10 EXPERIMENT FLOW ON GERINI
NOTIFICATION OF THE MODEL 25C SIMONIAN DOUBLE-SPECTRUM /SPECTRUM/ ANALYZER FOR IMPROVED EXTRACTION OF PITCH DATA
ARL 68-1117
APCRL67-0190
APCRL68-0116

PITCH-DISCRIMINATION
PUPILLARY RESPONSES IN A PITCH-DISCRIMINATION TASK
AFOSR67-1826

PITOT
PITOT MEASUREMENTS ON AN X-15 ROCKET PLANE FINAL REPORT AUG 1968
APCRL68-0383

PITOT-PROBE
PITOT-PROBE MEASUREMENTS OF DROP SIZES
ARL 67-1086

PLAIN
SYSTEM DESIGN EVALUATION AND COSTING--IN PLAIN ENGLISH
AFOSR67-1996

PLAN
PLAN FOR IMPLEMENTING AN INFORMATION SYSTEM FOR MARINE SCIENCES LITERATURE
AFOSR68-2576

PLANAR
PLANAR FREE TURBULENT MIXING WITH AN AXIAL PRESSURE GRADIENT
SINGULAR POINTS OF PLANAR ORDINARY DIFFERENTIAL SYSTEMS
ON THE ORDER OF THE GROUP OF A PLANAR MAP
A NECESSARY CONDITION FOR FOUR-COLORING A PLANAR GRAPH
VALIDITY OF EVIDENCE ALLEGED TO DISTINGUISH PLANAR TETRAHEDRAL AND BRIDGE RADICALS
SCANNING ELECTRON MICROSCOPE INVESTIGATION OF PLANAR DIFFUSED PH JUNCTION PROFILES NEAR THE EDGE OF A DIFFUSION MASK
EFFECT OF GAPS ON THE LOADING DISTRIBUTION OF PLANAR LIFTING SURFACES
AFOSR67-2000
AFOSR67-1347
AFOSR67-0737
AFOSR67-0688
AFOSR68-1990
AFOSR68-1173
AFOSR68-1802

PLANAR-TETRAHEDRAL
DIETETARY PHOSPHINE COMPLEXES OF NICKEL SPECTRAL MAGNETIC AND PROTON RESONANCE STUDIES A PLANAR-TETRAHEDRAL
AFOSR67-0236

PLANE
PLANE WAVE PROPAGATION THROUGH A COMPRESSIBLE INHOMOGENEOUS PLASMA
PLANE WAVE PROPAGATION IN THE HALF SPACE WITH RANDOM EXCITATION AND COUPLING BETWEEN STRESS AND TEMPERATURE FIELD
PLANE LAMINAR JET
PERTURBATIONS OF PLANE AND AXISYMMETRIC ENTRY LAYERS
DIFFRACTION OF A PLANE PULSE BY A CLOSED CRACK AT THE INTERFACE OF ELASTIC SOLIDS
KLEINIAN GROUPS IN THE PLANE AND IN SPACE (GERMANS)
COMPRESSIBLE TURBULENT PLANE COUETTE FLOW
THE SKELETONS OF STABLE PLANE SETS
FINITE-DIFFERENCE SOLUTIONS FOR PLANE STRESSES
REFLECTION AND TRANSMISSION FROM A PLANE LAYERED CORE-MANTLE BOUNDARY
PITOT MEASUREMENTS ON AN X-15 ROCKET PLANE FINAL REPORT AUG 1968
RIEMANN SURFACES WHICH ARE DOUBLES OF PLANE DOMAINS
CHARACTERISTICS OF INVARIANT CURVES OF PLANE ORBITS
MOLECULAR-BEAM SCATTERING FROM THE $1111/$ PLANE OF SILVER
TRANSIENT RESPONSE OF AN ELASTIC SHELL IN PLANE STRAIN
DETERMINATION OF APERTURES IN THE FOCUSING PLANE OF X-RAY POWDER DIFFRACTOMETERS
THEORETICAL AND EXPERIMENTAL INVESTIGATION OF FOCAL PLANE ADAPTIVE ANTENNA TECHNIQUES FINAL REPORT APR 1968
POLYNOMIALS ASSOCIATED WITH MEASURES IN THE COMPLEX PLANE
SOME SOLUTIONS OF ELLIPTIC EXTREMAL EQUATIONS IN THE PLANE
CONDITIONS FOR THE VALIDITY OF THE ANGULAR SPECTRUM OF PLANE WAVES
SCATTERING OF HELIUM NEON ARGON AND XENON FROM THE $1111/$ PLANE ON NICKLE COMPARISON WITH SILVER $1111/$ & GOLD $1111/$
RELATIVISTIC FORMULATION OF THE METHOD OF ORTHOGONALIZED PLANE WAVES
ON THE BOUNDARY POINT PRINCIPLE FOR ELLIPTIC EQUATIONS IN THE PLANE
SCATTERING OF MOLECULAR BEAMS OF HE OSU62 AND HS082 FROM THE $1111/$ PLANE OF AG
SOLUTION TO THE PHENOMENOLOGICAL PROBLEM OF A MAGNETIC LINE SOURCE ABOVE A PLANE STRUCTURE THAT SUPPORTS N-EXCITED
TRANSIENT CURRENTS ON A PERFECTLY-CONDUCTING CYLINDER ILLUMINATED BY UNIT-STEP AND IMPULSIVE PLANE WAVES
ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION
AFCL67-0299
AFOSR67-0682
AFOSR68-0633
AFOSR68-0571
AFOSR68-2485
AFOSR67-2421
ARL 67-0223
AFCL68-0085
AFOSR68-0410
AFOSR67-2147
AFCL68-0383
AFOSR68-2647
AFOSR68-2258
AFOSR68-2220
AFOSR67-1908
AFOSR67-0166
AFCL68-0249
AFOSR67-2757
AFOSR68-2619
AFOSR68-2806
AFOSR68-1941
ARL 68-1420
AFOSR68-2608
AFOSR67-2052
AFCL68-0084
AFCL67-0601
AFOSR67-1764

PLANE-WAVE
CONVERGENCE STUDY OF A SELF-CONSISTENT ORTHOGONALIZED- PLANE-WAVE RAND CALCULATION FOR HEXAGONAL CDS FINAL REPORT JAN
ARL 68-0007

PLANES
ADSORPTION ON SINGLE CRYSTAL PLANES. FINAL REPORT SEP 1967
ADSORPTION ON SINGLE CRYSTAL PLANES
ARL 67-0195
ARL 67-1088

PLANET
ROTATION AND HEATING OF THE PLANET MERCURY
SATELLITE MOTION FOR ALL INCLINATIONS AROUND AN OBLATE PLANET
AFOSR68-1124
AFOSR67-0783

PLANETARY
FINDINGS ON PLANETARY SURFACES AND ATMOSPHERES FROM A STUDY OF THE PHOTOGRAPHIC COLLECTIONS OF THE I A U PLANETARY
THERMAL ESCAPE FROM PLANETARY ATMOSPHERES IN THE PRESENCE OF A GRAVITATIONAL FIELD
HISTOLOGY OF LUNAR AND PLANETARY RESEARCH-1965
HISTOLOGY OF LUNAR AND PLANETARY RESEARCH SUPPLEMENT NO 2 - - 1966
ATMOSPHERIC INFERENCES FROM PLANETARY LINE DARKENING FINAL REPORT APR 1968
THE CHEMICAL COMPOSITION OF PLANETARY NEBULAE
SPECTRA OF THE CENTRAL STARS OF PLANETARY NEBULAE
SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE VII. THE IRREGULAR PLANETARY NEBULA NGC 2440
FINDINGS ON PLANETARY SURFACES AND ATMOSPHERES FROM A STUDY OF THE PHOTOGRAPHIC COLLECTIONS OF THE I A U PLANETARY
AFCL67-0504
AFOSR68-0837
AFCL67-0643
AFCL67-0518
AFCL68-0108
AFOSR68-2561
AFOSR68-2792
ARL 68-0294
AFCL67-0504

PLANETS
RADIO-METRIC OBSERVATIONS OF THE PLANETS JUPITER VENUS AND MARS AT A WAVELENGTH OF 8.6 MILLIMETERS
SOLAR ORBITALITY AND THE PERHELION ADVANCES OF PLANETS
AFCL67-0409
AFOSR68-1842

PLANIMETER
DESIGN OF A DIGITAL SIMULATION OF THE POLAR PLANIMETER FOR CALCULATING AREAS OF ECHOES FROM RADAR WEATHER OBSERVATIONS
APCRL68-0341

PLANNING
PLANNING IMPROVED LIBRARY SERVICE FOR SCIENTISTS IN UNIVERSITIES
AFOSR68-1236

PLANS

SEQUENCES OF FRACTIONAL FACTORIAL PLANS FINAL REPORT NOVEMBER 1966
DISTRIBUTION-FREE LIFE TEST SAMPLING PLANS
THE SELECTION OF SEQUENCES OF TWO-LEVEL FRACTIONAL FACTORIAL PLANS
THE CATEGORIZATION AND EVALUATION OF SEQUENCES OF TWO-LEVEL FRACTIONAL FACTORIAL PLANS

ARL 66-0202
ARL 67-0252
ARL 67-0013
ARL 66-1290

PLANT

W H O PLANT COMBUSTION TECHNIQUES AND SPRING VII TEMPERATURE AND VELOCITY MODULATED W H O SYSTEMS
PSYCHOLOGICAL STUDY OF A PSYCHOLOGICAL PLANT PERMETTYA PARVIFOLIA /SPANISH/

AFOSR66-1179
AFOSR66-2761

PLASMA

PLASMA PHYSICS IN AN ASTROPHYSICAL ENVIRONMENT FINAL REPORT DEC 1966
PLASMA CONTAINMENT IN A MINIMUM-B GEOMETRY
PLASMA DENSITY CONTROL WITH ELECTRIC FIELDS /U/
PLASMA DENSITY MEASUREMENTS WITH ENERGY SPANS FINAL REPORT JAN 1967
PLASMA DENSITY MEASUREMENT BY MOLECULAR ION BREAKUP
PLASMA WIND TUNNEL STUDIES OF COLLISION FREE FLOWS AND SHOCKS
PLASMA TRANSPORT AND STABILITY IN A MINIMUM-B MAGNETIC FIELD FINAL REPORT APRIL 1967
PLASMA DENSITY CONTINUUM MEASUREMENTS USING MOLECULAR ION BEAM BREAKUP
PLASMA HEATING AND WAVE PROPAGATION AT HARMONICS OF THE ION CYCLOTRON FREQUENCY
PLASMA FRONT STUDIES FINAL REPORT MARCH 1968
PLASMA VORTICES IN THE COAXIAL ACCELERATOR
PLASMA DIAGNOSTICS THROUGH HOLOGRAPHIC TECHNIQUES
PLASMA WAVES AND ROTATION IN THE GASED HOLLOW-CATHODE ARC
PLASMA DIAGNOSTIC TECHNIQUES IN A LINEAR OCTUPOLE
PLASMA DIAGNOSTICS THROUGH HOLOGRAPHIC TECHNIQUES
PLASMA PHYSICS AND RELATED TOPICS IN ASTROPHYSICS
PLASMA IMPEDANCE ELEMENT IN AN ACTIVE PABRY-PROOT MICROWAVE RESONATOR
PLASMA DYNAMICS AND INTERACTION WITH HIGH FREQUENCY FIELDS FINAL REPORT APRIL 1968
PLASMA DYNAMICS FINAL REPORT JAN 1968
PLASMA RESPONSE TO THE SUDDEN APPLICATION OF AN ELECTRIC FIELD
PLASMA HEATING BY STRONG SHOCK WAVES
PLASMA ACCELERATION IN AN ELECTRICAL DISCHARGE BY THE SELF-INDUCED MAGNETIC FIELD
PLASMA ARC TECHNOLOGY AT THE THERMODYNAMICS RESEARCH LABORATORY
PLASMA WAVES AND ROTATION IN THE GASED HOLLOW-CATHODE ARC
A PLASMA MODEL OF QUASARS AND RADIO GALAXIES
HOT PLASMA IN A CYLINDRICAL WAVEGUIDE
ARC PLASMA DIAGNOSTICS WITH VACUUM ULTRAVIOLET RADIATION FINAL REPORT AUG 1967
STUDY OF PLASMA SHEATH EFFECT ON ANTENNAS FINAL REPORT APR 1967
UNSTABLE PLASMA IN THE RING ACCELERATOR
THEORY OF PLASMA RADIATION: I MATHEMATICAL DEVELOPMENT
ANOMALOUS PLASMA TRANSPORT IN RF DISCHARGES
LOSSES IN PLASMA ACCELERATION
THEORY OF PLASMA TRANSDUCANCE DUE TO LANDAU WAVES
RESEARCH ON PLASMA HEAT TRANSFER FINAL REPORT MARCH 1967
RESEARCH ON PLASMA DIAGNOSTIC METHODS FOR HIGH TEMPERATURE PLASMA RESEARCH FINAL REPORT MARCH 1967
THE STUDY OF PLASMA SURROUNDING REENTRY BODIES AND RESULTANT INTERACTION WITH MICROWAVE RADIATION FINAL REPORT APR
ON ANOMALOUS PLASMA TRANSPORT IN RF DISCHARGES
HIGH POWER RF PLASMA HEATING AND WAVE PROPAGATION NEAR THE FUNDAMENTAL AND HARMONICS OF THE ION CYCLOTRON FREQUENCY
ELECTROSTATIC PLASMA CONTAINMENT
VAN ALLEN BELT PLASMA PHYSICS
SHOCK WAVES IN PLASMA PHYSICS
MEASUREMENTS OF PLASMA ROTATION IN A HOLLOW CATHODE DISCHARGE
SOME PROBLEMS IN PLASMA PHYSICS
INVESTIGATION OF PLASMA INSTABILITY AND ADDITIONAL WMO INVESTIGATIONS FINAL REPORT DEC 1967
INVESTIGATION OF PLASMA ROTATION IN A PULSED INDUCTIVE ACCELERATOR
VISUALIZATION OF PLASMA FLUTES IN A Q-MACHINE
THE MOTION OF THE PLASMA BETWEEN THE RF PLASMA CELLS IN THE SOLUS FLOW
THE MEASUREMENT OF PLASMA TRANSPORT PROPERTIES
HYPERSONIC WAKEFIELD PLASMA FLOWS FINAL REPORT OCT 1966
NONLINEAR THEORY OF PLASMA DYNAMICS FINAL REPORT FEB 1968
THE PRESENT STATE OF PLASMA KINETIC THEORY
MAGNETICALLY INDUCED PLASMA STREAMING AND THE MOTION OF ELECTRIC ARCS
MAGNETICALLY INDUCED PLASMA STREAMING AND ITS APPLICATION TO AEROSPACE TECHNOLOGY
MAGNETICALLY INDUCED PLASMA STREAMING AND MOTION OF ELECTRIC ARCS
KINETIC EQUATION FOR A PLASMA AND ITS APPLICATION TO HIGH-FREQUENCY CONDUCTIVITY
STABILITY OF HELMHOLTZ PLASMA FLOW IN A DISCONTINUOUS MAGNETIC FIELD
IONIZING LAYERS IN THE PLASMA PROPULSION DEVICES
PERFORMANCE STUDIES OF PLASMA ACCELERATORS
WAVE PROPAGATIONS IN A PLASMA
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELD: I GENERAL THEORY
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELDS II LOWEST ORDER CORRECTIONS
COLLISIONAL DAMPING OF A PLASMA ECHO
COMPRESSION OF A WAKEFIELD PLASMA BY CONVERGING MAGNETIC MIRRORS
MICROWAVE LOSS IN A DEFLECTOR PLASMA DISCHARGE
SHOCK WAVE STUDIES USING A PLASMA WIND TUNNEL
UNIFIED SHOCK PROFILE IN A PLASMA
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL II-AN INVESTIGATION OF THE VARIOUS PLASMA DISCHARGES SURROUNDING A
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL I THE DEVELOPMENT OF A CW TRAVELING WAVE ACCELERATOR FOR THE
NONCORRELATION OF ANOMALOUS PLASMA TRANSPORT EQUILIBRIUM PLASMA DENSITY AND LOW-FREQUENCY POTENTIAL OSCILLATIONS IN A
STUDY OF PULSE RESONANCE IN PLASMA FINAL REPORT DEC 1968
INVESTIGATION OF ANTENNAS IN PLASMA MEDIA FINAL REPORT NOV 1968
ELECTRICAL CONDUCTIVITY OF A PLASMA FINAL REPORT NOV 1968
RESEARCH IN HIGH TEMPERATURE PLASMA
EXPERIMENTAL INVESTIGATION OF PLASMA MICROINSTABILITIES IN CROSSED MAGNETIC AND AC ELECTRIC FIELDS
ELECTRONIC EFFECTS IN A GASED PLASMA
COLLISIONLESS SHOCK WAVE IN A PLASMA
SPATIAL STUDY OF AN ARGON PLASMA
PROPERTIES OF THE ARC MAGNETO PLASMA DEVICE PART I SYSTEM OPERATION AND PLASMA GENERATION FINAL REPORT MAY 1968
NONLINEAR MIXING OF WAVES IN A PLASMA WITH VELOCITY-DEPENDENT COLLISIONS
TRANSIENT WAVE PROPAGATION IN A PLASMA
ON ANTENNA IMPEDANCES IN A COLD PLASMA WITH A PERPENDICULAR STATIC MAGNETIC FIELD
INTERACTIONS OF AN ELECTRIC ARC PLASMA WITH TRANSVERSE MAGNETIC FIELDS AND GAS FLOWS. FINAL REPORT APR 1968
MECHANISM AND DYNAMICS OF COAXIAL PLASMA ACCELERATION FINAL REPORT MARCH 1967
COOLING DIAGNOSTICS OF DENSE PLASMA MIXING AND HEAT TRANSFER PROCESSES
CHARACTERISTICS OF PHOTOIONIZATION PLASMA SOURCE
STUDY OF PROPERTIES OF ACCELERATED PLASMA FINAL REPORT JAN 1968
TRANSMISSION THROUGH AN ANISOTROPIC PLASMA SLAB AT ARBITRARY ANGLES OF INCIDENCE
VIBRATIONAL RELAXATION IN EXPANDING PLASMA FLOWS
FLOW AND HEAT TRANSFER PHENOMENA OF PLASMA ARCS MAGNETICALLY BALANCED IN A CROSS FLOW
TRANSPORT COEFFICIENTS OF DEGENERATE PLASMA
ON RESEARCH EFFORTS IN THE FIELD OF PLASMA ACCELERATION
THERMAL MEASUREMENTS IN AN ARGON PLASMA
RELAXATION TO EQUILIBRIUM OF A DILUTE PLASMA FINAL REPORT JAN 1967
IONIZATION PHENOMENA IN A GAS-PARTICLE PLASMA

AFCL67-0198
AFCL66-0140
AFCL66-0192
AFOSR67-0611
AFOSR67-1084
AFOSR67-1160
AFOSR67-1788
AFOSR67-2211
AFOSR67-2496
AFOSR66-1034
AFOSR66-1668
AFOSR66-1715
AFOSR66-1724
AFOSR66-1799
AFOSR66-1815
AFOSR66-1890
AFOSR66-2125
AFOSR66-2184
AFOSR66-2309
AFOSR66-2399
AFOSR66-2601
ARL 67-0248
ARL 67-1207
ARL 67-1302
AFOSR66-1809
AFOSR67-1233
ARL 67-0179
AFCL67-0300
AFOSR66-1814
AFOSR67-1149
AFOSR67-1598
AFOSR66-0004
ARL 66-0334
ARL 67-0043
ARL 67-0062
AFCL66-0839
AFOSR67-1175
AFOSR67-0229
ARL 66-1101
AFOSR67-0213
AFOSR66-1205
ARL 67-1301
AFOSR67-1479
AFOSR66-0236
AFOSR66-0846
AFOSR66-2639
AFOSR66-2359
ARL 66-1130
AFOSR67-0805
AFOSR66-0738
AFOSR67-0986
ARL 66-1310
ARL 66-1319
ARL 66-1376
AFOSR67-1888
AFOSR67-2066
AFOSR67-2068
AFOSR66-2830
ARL 66-1036
ARL 67-0159
ARL 67-0158
AFOSR66-1002
AFOSR66-0848
AFOSR66-0091
AFOSR66-0147
AFOSR66-0846
AFOSR67-0977
AFOSR67-0979
AFOSR66-0761
AFCL67-0159
AFCL66-0616
AFOSR67-0306
ARL 67-1303
AFCL66-0044
AFOSR67-0987
AFOSR67-2637
AFOSR66-0490
ARL 66-0098
ARL 67-0102
AFCL67-0383
AFCL66-0876
ARL 66-0074
AFOSR67-1062
ARL 67-1236
AFOSR67-1147
AFOSR66-0320
AFCL67-0624
ARL 67-1233
ARL 67-1339
AFOSR66-2692
ARL 66-1016
ARL 66-1127
AFOSR67-0396
AFOSR67-1053

EXTRINSIC COTTON EFFECTS IN DYE-NOVINE PLASMA ALBUMIN ADDUCTS
 RELATIVISTICALLY INTERSTREAMING BOUNDED PLASMA INTERACTIONS
 PHASE-SPACE SYMMETRIES OF A RELATIVISTIC PLASMA
 PROCEEDINGS OF THE THIRD SYMPOSIUM ON THE PLASMA SHEATH- PLASMA ELECTROMAGNETICS OF HYPERSONIC FLIGHT VOLUME II
 INSTABILITIES IN A DRIFTING SEMICONDUCTOR PLASMA
 PROPAGATION IN VACUUMS FILLED WITH WARM PLASMA
 ELECTROACOUSTIC RESONANCES IN A NONUNIFORM PLASMA
 TENTH AFOSR CONTRACTORS MEETING ON ION AND PLASMA PROPULSION RESEARCH SAN DIEGO CALIFORNIA 3-5 APRIL 1967 /ABSTRACTS
 ELECTRICAL CONDUCTIVITY OF A FULLY IONIZED PLASMA
 DESIGN AND EVALUATION OF A RADIO FREQUENCY PLASMA SOURCE/ PART I/ SELF-EXCITED OSCILLATOR
 EFFECTIVE OHMS LAW IN A PARTIALLY IONIZED PLASMA WITH ELECTRON DENSITY FLUCTUATIONS
 MODE OF SYNCHRONIZATION PHENOMENA IN UNIVERSAL PLASMA INSTABILITIES
 OPTIMIZATION OF AN X-BAND INTERFEROMETER FOR PLASMA DIAGNOSTICS
 WAVE PROPAGATION ALONG PERIODIC STRUCTURES AND PLASMA SLABS FINAL REPORT MAY 1967
 LOW-FREQUENCY OSCILLATIONS IN A THERMAL CESIUM PLASMA
 RELAXATION TO EQUILIBRIUM OF A DILUTE ELECTRON PLASMA
 EFFECT OF HIGH CONDUCTIVITY ON TWO-DIMENSIONAL PLASMA FLOW
 TRANSMITTED REFLECTED SIGNALS FROM AN ANISOTROPIC PLASMA
 MEASUREMENT OF THE REFRACTIVE INDEX IN AN ARCON PLASMA AT 6225 DEGREES A AND 1.180U. FINAL REPORT DEC 1967
 STUDIES OF ANTENNA BREAKDOWN IN THE PRESENCE OF A PLASMA SHEATH INCLUDING EFFECTS OF FORCED CONVECTION
 A NONLINEAR COMPUTER MODEL APPLICABLE TO LOW-BETA PLASMA INTERCHANGE MODES IN TWO DIMENSIONS
 THE DIFFERENTIAL INTERFEROMETER, A NOVEL TOOL FOR PLASMA DIAGNOSTICS
 VELOCITY-SPACE INSTABILITIES IN A SIMULATED FUSION PLASMA AND LASER GENERATION OF PLASMA FINAL REPORT JUNE 1968
 A SIMPLE METHOD FOR MEASURING ELECTRON DENSITY IN A PLASMA
 CURRENT MEASUREMENTS IN HIGH-VOLTAGE RADIO FREQUENCY PLASMA DISCHARGES
 OBSERVATION OF CYCLOTRON ECHOES FROM A HIGHLY IONIZED PLASMA
 COMMENT ON THE USE OF LANGMUIR PROBES FOR LOW-DENSITY PLASMA DIAGNOSTICS
 RESEARCH REPORT ON TRANSPORT THEORY FOR MULTI-COMPONENT PLASMA
 PROCEEDINGS OF THE THIRD SYMPOSIUM ON THE PLASMA SHEATH- PLASMA ELECTROMAGNETICS OF HYPERSONIC FLIGHT VOLUME II
 AN APPLICATION OF CORRELATION RADIOLOGY TO THE STUDY OF PLASMA RADIATION
 NONCORRELATION OF ANOMALOUS PLASMA TRANSPORT EQUILIBRIUM PLASMA DENSITY AND LOW-FREQUENCY POTENTIAL OSCILLATIONS IN A
 LARGE AMPLITUDE ELECTROTHERMAL WAVES IN A NONEQUILIBRIUM PLASMA
 NUMERICAL SOLUTION OF DIPOLE RADIATION IN A COMPRESSIBLE PLASMA
 SPECTROSCOPIC STUDIES IN A HIGH-TEMPERATURE HYDROGEN-ARC PLASMA
 HIGHER ORDER APPROXIMATIONS IN THE THEORY OF LONGITUDINAL PLASMA OSCILLATIONS
 RESEARCH ON PLASMA DIAGNOSTIC METHODS FOR HIGH TEMPERATURE PLASMA RESEARCH FINAL REPORT MARCH 1967
 PLANE WAVE PROPAGATION THROUGH A COMPRESSIBLE INHOMOGENEOUS PLASMA
 WAVE PROPAGATION IN A NON-MAXWELLIAN MAGNETOACTIVE NONLINEAR PLASMA FINAL REPORT MAY 1967
 THE INSULATED CYLINDRICAL ANTENNA IMMERSED IN A COMPRESSIBLE PLASMA
 TEST-PARTICLE PROPAGATOR AND ITS APPLICATION TO THE DECAY OF PLASMA WAVE ECHOES
 SPECTROGRAPHIC OBSERVATIONS OF A VERY HIGH PRESSURE NITROGEN PLASMA
 THEORY OF NON-LINEAR MIXED FREQUENCY GENERATION IN ANISOTROPIC PLASMA
 MEASUREMENT OF ROTATIONAL-VELOCITY AND ION-DENSITY PROFILES IN PLASMA VORTICES
 KINETIC THEORY OF A SPHERICAL ELECTROSTATIC PROBE IN A STATIONARY PLASMA
 EXPERIMENTAL VERIFICATION OF LANGMUIR WAVES IN AN ISOTROPIC ELECTRON PLASMA
 A STUDY OF THE USE OF CHEMICAL ADDITIVES FOR THE ALLEVIATION OF THE PLASMA SHEATH PROBLEM
 COMPARISON OF NUMERICAL CALCULATIONS AND MEASURED SPACE-TIME RESOLVED PLASMA PROPERTIES OF A DYNAMICAL THETA PINCH
 INTEGRAL EQUATION TREATMENT OF THE LINEARIZED THEORY OF ELECTROSTATIC PLASMA OSCILLATIONS
 ON THE USE OF IONIZATION LEVEL AS AN INDEPENDENT VARIABLE FOR PLOTTING PLASMA TRANSPORT PROPERTIES
 PROPERTIES OF THE ARL MAGNETO PLASMA DEVICE PART I SYSTEM OPERATION AND PLASMA GENERATION FINAL REPORT MAY 1968
 INVESTIGATION OF ERRORS IN MEASURING MAGNETIC FIELDS IN HIGH TEMPERATURE PLASMA DISCHARGES
 A RESONANT TECHNIQUE FOR STUDYING DISPERSION IN LONGITUDINALLY MAGNETIZED PLASMA GUIDES
 VACUUM ULTRAVIOLET RADIATION AS AN IMPORTANT MEANS OF ENERGY TRANSPORT IN A PLASMA
 EXPERIMENTAL STUDIES OF PULSED MICROWAVE BREAKDOWN EFFECTS IN A HYPERSONIC AIR PLASMA FINAL REPORT FEB 1968
 EVALUATION OF PARADAY SHIELDED STIX COILS FOR ION CYCLOTRON RESONANCE HEATING OF PLASMA
 EXPERIMENTAL MEASUREMENT OF THE FRISIRON AND ABSORPTION OF RADIATION BY AN ARCON PLASMA
 SCATTERING OF ELECTROMAGNETIC WAVES BY A SEMI-INFINITE METAL PLATE IN ANISOTROPIC PLASMA
 VELOCITY-SPACE INSTABILITIES IN A SIMULATED FUSION PLASMA AND LASER GENERATION OF PLASMA FINAL REPORT JUNE 1968
 ANALYTICAL AND EXPERIMENTAL STUDIES OF MICROWAVE INTERACTION WITH A HYPERSONIC AIR PLASMA
 LASER AND MICROWAVE INTERFEROMETRIC STUDY OF RECOMBINATION IN A HIGHLY IONIZED HELIUM PLASMA
 RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL II-AN INVESTIGATION OF THE VARIOUS PLASMA DISCHARGES SURROUNDING A
 ON THE EVOLUTION OF THE PROBABILITY DISTRIBUTION AND OF THE CORRELATION FUNCTIONS IN A BOGOLUBOV PLASMA
 A USER'S MANUAL FOR A COMPUTER PROGRAM TO REDUCE SPECTROGRAPHIC DATA FROM A ROTATIONALLY SYMMETRIC PLASMA FINAL REPORT
 DISPERSION EFFECTS IN A HIGH GAIN 3.38U HE-NE LASER APPLICATION TO THE LASER METHOD OF MEASUREMENT OF PLASMA DENSITY
 SPECTROSCOPIC INVESTIGATION OF ELECTRON TEMPERATURE DISTRIBUTION IN A NONEQUILIBRIUM PARTIALLY IONIZED FLOWING PLASMA

AFOSR68-0312
 AFOSR68-1063
 AFOSR68-2932
 AFCL67-0280
 AFOSR67-1368
 AFCL67-0419
 AFCL68-0500
 AFOSR67-0894
 AFOSR68-1830
 ARL 67-0281
 ARL 68-0288
 AFOSR67-0890
 AFOSR68-1094
 AFCL67-0441
 AFOSR67-0139
 AFOSR67-1903
 AFOSR68-0740
 AFCL67-0066
 ARL 67-0218
 AFCL67-0190
 AFOSR68-0079
 ARL 68-1126
 AFOSR68-1756
 AFOSR67-1087
 AFOSR68-0223
 AFOSR67-1972
 ARL 68-0094
 AFOSR68-2010
 AFCL67-0280
 AFCL68-0168
 AFOSR68-0741
 AFOSR68-0743
 AFOSR68-0122
 ARL 68-1141
 AFOSR68-1065
 ARL 67-0062
 AFCL67-0290
 AFCL67-0319
 AFCL68-0877
 AFOSR68-2653
 ARL 67-1334
 AFCL67-0087
 AFOSR67-0991
 AFOSR67-1897
 ARL 68-0360
 AFCL67-0893
 AFOSR67-0810
 ARL 68-0239
 ARL 68-0280
 ARL 68-0508
 ARL 68-1136
 AFOSR67-0827
 ARL 68-1164
 AFCL68-0148
 AFOSR67-0817
 ARL 67-0167
 AFOSR67-0291
 AFOSR68-1756
 AFCL67-0201
 AFOSR67-0665
 AFOSR67-0977
 ARL 67-0103
 ARL 68-0003
 ARL 68-0136
 AFOSR68-1093
 ARL 68-0341
 ARL 68-0263
 ARL 68-0056
 ARL 68-0089
 AFOSR68-1548
 ARL 68-1442
 AFOSR68-0625
 ARL 68-0117

PLASMA-COVERED
 AN EXPERIMENTAL STUDY OF PLASMA-COVERED SLOTS ON CYLINDERS AND CONES
 AN EXPERIMENTAL STUDY OF SIMULATED PLASMA-COVERED SLOTS
 AFCL67-0132
 AFCL68-0182

PLASMA-MAGNETRON
 COHERENT TIMABLE CW OSCILLATIONS IN A SMOOTH-BORE MAGNETRON THE -PLASMA-MAGNETRON FINAL REPORT JULY 1967
 AFOSR67-1663

PLASMA-WAVE
 PLASMA-WAVE INSTABILITIES IN THE IONOSPHERE OVER THE AURORA
 AFOSR68-2775

PLASMA DYNAMICS
 RESEARCH ON PLASMA DYNAMICS AND MAGNETOGASDYNAMICS
 AFOSR68-1196

PLASMA PAUSE
 RECENT RESEARCH ON THE MAGNETOSPHERIC PLASMA PAUSE
 AFOSR68-2009

PLASMAS
 WAVES IN PLASMAS
 INTERACTION OF PLASMAS WITH HIGH INTENSITY R-F FIELDS FINAL REPORT FEB 1967
 WAVES IN BOUNDED PLASMAS FINAL REPORT MARCH 1967
 LASER DIAGNOSTICS OF PLASMAS
 TURBULENCE IN MAGNETO PLASMAS
 INVESTIGATIONS OF OXYGEN PLASMAS FINAL REPORT FEB 1967
 TURBULENCE SHOCK WAVES IN PLASMAS
 ON THE KINETIC THEORY OF PLASMAS FINAL REPORT JULY 1968
 ON THE THEORY OF UNSTABLE PLASMAS IN THE RING APPROXIMATION I
 MATERIAL FUNCTIONS OF ARC PLASMAS FROM CHARACTERISTIC MEASUREMENTS
 QUANTUM MECHANICAL STUDY OF PLASMAS FINAL REPORT DECEMBER 1968
 RADIATION FROM HIGH-PRESSURE PLASMAS
 RADIATION FROM HIGH-PRESSURE PLASMAS
 WAVE PROPAGATION IN SOLID STATE PLASMAS FINAL REPORT JULY 1968
 SURVEY ON RESEARCH ON Q-MACHINE PLASMAS
 KINETIC THEORY OF TWO-TEMPERATURE PLASMAS
 INFLUENCE OF XENON ON COSUD LASER PLASMAS
 AFOSR68-2414
 AFOSR67-0968
 AFOSR67-1101
 ARL 68-1446
 ARL 68-1446
 AFCL67-0181
 AFCL67-0340
 ARL 68-0136
 AFOSR68-1093
 ARL 68-0341
 ARL 68-0263
 ARL 68-0056
 ARL 68-0089
 AFOSR68-1548
 ARL 68-1442
 AFOSR68-0625
 ARL 68-0117

- STUDY OF STABILITY OF HYDROMAGNETIC PLASMAS AND THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE BEHAVIOR OF IONIZED
STUDY OF COLLISION PROCESSES IN GASEOUS PLASMAS FINAL REPORT JAN 1968
TURNS LAW IN MULTICOMPONENT NONISOTHERMAL PLASMAS WITH TEMPERATURE AND PRESSURE GRADIENTS
FLOWING OF CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS
GROWING WAVE AND INSTABILITY CRITERIA FOR HOT PLASMAS
GROWING WAVE AND INSTABILITY CRITERIA FOR HOT PLASMAS
HARTY PUSNET AND FUTURE RESEARCH IN Q-MACHING PLASMAS
TRANSPORT OF CHARGED PARTICLES THROUGH GASES AND PLASMAS FINAL REPORT MAR 1968
DIAGNOSTIC TECHNIQUES FOR ATMOSPHERIC PRESSURE ARC PLASMAS
ELECTRIC DIPOLE RADIATION IN ISOTROPIC AND UNIAXIAL PLASMAS
AN ION RESONANCE INSTABILITY IN GROSSLY NON-NEUTRAL PLASMAS
COLD-ELECTRODE CHARACTERISTICS IN SHOCK-IONIZED AIR PLASMAS
ANTENNA RADIATION PROPERTIES IN PHOSPHOR ANISOTROPIC PLASMAS
RADIATION STUDIES OF ARC HEATED NITROGEN, OXYGEN, AND ARGON PLASMAS FINAL REPORT MAY 1968
ELECTRON ATTACHING ADDITIVES FOR THE MODIFICATION OF RE-ENTRY PLASMAS
INFLUENCE OF CONVECTION ON CURRENT PATTERNS IN NONEQUILIBRIUM PLASMAS
APPLICATION OF THE DIFFERENTIAL INTERFEROMETRY TO ARC-HEATED PLASMAS
HELICONS MAGNETOPLASMA EDGE AND PARADAY ROTATION IN SOLID STATE PLASMAS AT MICROWAVE FREQUENCIES
RESEARCH DIRECTED TOWARD UNDERSTANDING BEHAVIOR AND DETECTION OF PLASMAS IN MAGNETIC FIELD FINAL REPORT APR 1968
INVESTIGATION OF STANDING PLASMA WAVES AND THE DYNAMICS OF LASER INDUCED PLASMAS IN HIGH PRESSURE GASES
A TRANSMISSION OPTICS METHOD FOR SPACE RESOLVED DIAGNOSTICS OF DENSE PLASMAS
DETERMINATION OF OPERATING ROOM LOCAL THERMODYNAMIC EQUILIBRIUM IN ARC PLASMAS FINAL REPORT MARCH 1967
RESEARCH DIRECTED TOWARD THE STUDY OF IONIC AND NEUTRAL SPECIES IN THERMAL PLASMAS FINAL REPORT SEPT 1967
A REVIEW OF DISPERSION RELATIONS FOR LOW FREQUENCY WAVES IN QUIESCENT MAGNETO PLASMAS FINAL REPORT MARCH 1967
- AFCL67-0675
AFCL68-0072
AFOSR67-0984
AFOSR67-2481
ARL 68-0333
ARL 68-0336
ARL 68-1441
AFCL68-0149
ARL 67-1075
AFOSR68-1041
AFOSR68-2082
ARL 68-0124
AFCL67-0623
ARL 68-0103
AFCL67-0214
AFOSR68-1008
ARL 67-1278
AFOSR67-1860
AFCL68-0210
AFOSR68-023P
AFOSR67-0834
ARL 67-0080
AFCL67-0900
ARL 67-0055
- PLASMA-SYMMOSIUM
DYNAMICS OF FLUIDS AND PLASMAS-SYMMOSIUM HELD IN HONOR OF PROFESSOR J. M. RUGGERS UNIVERSITY OF MARYLAND OCTOBER 7-9
AFOSR67-0939
- PLASMOIDS
A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT FINAL
A STUDY OF THE DYNAMIC INTERACTION OF A PLASMOID WITH A MAGNETOSTATIC FIELD GRADIENT FROM AN AXIAL CURRENT
AFCL68-0406
AFOSR68-1670
- PLASMOIDS
THE INTERACTION OF PLASMOIDS WITH MAGNETIC FIELDS FINAL REPORT AUG 1968
THE INTERACTION OF PLASMOIDS WITH MAGNETIC FIELDS
PROPAGATION AND PROPAGATION OF PLASMOIDS IN A NONLINEAR ALFVEN WAVE
AFCL68-0408
AFOSR68-1669
AFOSR68-2070
- PLASMON
INDIRECT COUPLING OF PHOTONS TO THE SURFACE PLASMON
AFOSR68-1229
- PLASMONS
EXCITONS AND PLASMONS IN INSULATORS
INTERACTION OF PLASMONS
RAMAN SCATTERING BY COUPLED PLASMONS - LO PHONON MODES IN ZNS-TYPE CRYSTALS
INTERACTION OF LOCALIZED VIBRATIONS WITH PLASMONS IN A POLAR SEMICONDUCTOR
AFOSR68-1523
AFOSR67-0909
ARL 67-1300
AFOSR68-0935
- PLASTIC
ELASTIC BUCKLING AND PLASTIC COLLAPSE OF CIRCULAR TUBES UNDER HYDROSTATIC PRESSURE
FACTORS AFFECTING THE INITIAL PLASTIC BEHAVIOR OF CLOSE PACKED METAL SINGLE CRYSTALS FINAL REPORT APRIL 1968
SURFACE DISLOCATION SOURCES AND PLASTIC FLOW IN SILVER MONOCRYSTALS
ON A CAUSE OF FAILURE OF HIGH ALTITUDE PLASTIC HALLOONS
FLAME PROPAGATION OVER THE SURFACE OF A PLASTIC FUEL IN AN OXIDIZING ATMOSPHERE FINAL REPORT OCT 1967
THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF ALUMINUM AND NICKEL
THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF COPPER AT DIFFERENT STRAIN RATES
NONSYMMETRIC BUCKLE PATTERNS IN PROGRESSIVE PLASTIC BUCKLING
AFOSR67-2839
AFOSR68-1109
AFOSR67-1493
AFCL67-0611
AFOSR68-1163
AFOSR67-1088
AFOSR67-1680
AFOSR67-1260
- PLATE
LAMINAR PARALLEL PLATE FLOW WITH ARBITRARY THERMAL CONDITIONS FINAL REPORT JAN 1967
VIBRATING RINGS AND THE PLATE JCT
WAVES IN A SEMI-INFINITE PLATE IN SMOOTH CONTACT WITH A HARMONICALLY DISTURBED HALF-SPACE
OXYGEN FLOW OVER A FINITE PLATE
THE WEAKNESS OF A THIN ELASTIC PLATE TO A MOVING PRESSURE POINT
FLOW INVESTIGATION ABOUT A FIN PLATE MODEL AT A MACH NUMBER OF 11.26 FINAL REPORT SEP 1967
ELLIPTICITY USING A DEFORMATION PLATE AS COMPENSATION
ON THE FLOW OF AN INFINITE ELASTIC PLATE CONTAINING A LARGE UNSTRESSED CIRCULAR HOLE
DISPERSION OF TIME-HARMONIC WAVES IN A LAMINATED PLATE
THE THREE-DIMENSIONAL WAKE BEHIND AN OBSTACLE ON A FLAT PLATE
ON VON KARMAN'S EQUATIONS AND THE BUCKLING OF A THIN ELASTIC PLATE
SCATTERING OF ELECTROMAGNETIC WAVES BY A SEMI-INFINITE METAL PLATE IN ANISOTROPIC PLASMA
CHIEF STRESS CONCENTRATION AT A CIRCULAR HOLE IN AN INFINITE PLATE
A NOTE ON THE VARIATION OF THE UNIT REYNOLDS NUMBER ON A FLAT PLATE AS A FUNCTION OF THE ANGLE OF ATTACK FINAL REPORT
A NUMERICAL SOLUTION FOR THE LAMINAR WAKE BEHIND A FINITE PLATE
A DETAILED STUDY OF THE FLOW AROUND THE LEADING EDGE OF A FLAT PLATE IN HYPERSONIC LOW DENSITY FLOW
BOUNDARY-LAYER ANALYSIS OF TWO-PHASE FLOW OVER AN OSCILLATING FLAT PLATE
STUDIES OF THE LEADING EDGE EFFECT ON THE BARFICO HYPERSONIC FLOW OVER A FLAT PLATE
THE ANALYSIS OF EXPERIMENTAL DATA OBTAINED FROM STABILITY STUDIES ON ELASTIC COLUMN AND PLATE STRUCTURES
THE FLOW FIELD IN THE TURBULENT SUPERSONIC WAKE BEHIND A TWO-DIMENSIONAL WEDGE-FLAT PLATE MODEL
AN APPLICATION OF THE EXTENDED KANTROVICH METHOD TO THE STRESS ANALYSIS OF A CLAMPED RECTANGULAR PLATE
ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING FLAT PLATE IN A
ARL 67-0003
AFOSR68-0672
AFOSR68-2755
AFOSR67-0289
AFOSR67-1334
ARL 67-0188
AFOSR67-2087
AFOSR68-0816
AFOSR68-1347
AFOSR68-1660
AFOSR68-2040
AFOSR67-0291
AFOSR67-1399
ARL 68-0030
AFOSMA-1018
ARL 68-1112
ARL 67-0287
ARL 68-1000
AFOSR67-1259
ARL 67-0005
AFOSR67-1580
ARL 67-0124
- PLATELETS
FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS AND WHISKERS FINAL REPORT MAR 1967
FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS FINAL REPORT SEPT 1968
EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM CDS PLATELETS
EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM CDS PLATELETS
AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF II-VI COMPOUND SINGLE CRYSTAL PLATELETS
AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF CADMIUM SULFIDE SINGLE-CRYSTAL PLATELETS
AFCL67-0107
AFCL68-0414
ARL 68-0304
ARL 68-1362
ARL 67-0289
ARL 67-0231
- PLATES
THIN ELASTIC PLATES AND SHELLS AND BOUNDARY VALUE PROBLEMS FINAL REPORT FEB 1968
INVESTIGATION OF PLATES AND SHELLS UNDER EXTERNAL LOADING AND ELEVATED TEMPERATURES FINAL REPORT MARCH 1967
DYNAMICS OF RECTANGULAR PLATES
UNIFORM AND SHEAR-BACK PLATES WITH CUT-OUTS AND COLUMN SUPPORTS
FORCED MOTION OF CIRCULAR PLATES
FORCED MOTIONS OF SHELLS AND PLATES SURROUNDING BY AN ACOUSTIC FLUID
SURFACE MEASUREMENTS ON SHARP FLAT PLATES AND WEDGES IN LOW-DENSITY HYPERSONIC FLOW
NON-1 INFRAN HEAT TRANSFER BETWEEN TWO PARALLEL PLATES ACCORDING TO A MODEL WITH CORRECT PRANDTL NUMBER
AFOSR68-0713
AFOSR67-0931
AFOSR68-0577
AFOSR68-2612
AFOSR67-0565
AFOSR68-0106
AFOSR68-0645
AFOSR67-1916

PLATES - CONTINUED

| | |
|---|-------------|
| DYNAMICS AND VIBRATIONS OF HOMOGENEOUS AND LAYERED PLATES AND SHELLS INCLUDING THOSE OF SANDWICH STRUCTURES WITH A NOTCH ON THE CREEP OF VARIABLE THICKNESS CIRCULAR PLATES | AFD667-2304 |
| MACROHYDRODYNAMIC LUBRICATION FLOW BETWEEN PARALLEL PLATES | AFD666-1773 |
| STRESS PROPAGATION AND SPALLATION OF CEMENTS IN REINFORCED CONCRETE PLATES | AFD667-0329 |
| UPPER AND LOWER BOUNDS FOR THE FREQUENCIES OF RECTANGULAR CANTILEVER PLATE | AFD667-0107 |
| FUNCTIONAL VIBRATIONS OF HOMOGENEOUS AND SANDWICH SPHERICAL CAPS AND CIRCULAR PLATES | AFD667-0107 |
| PLATING | |
| VAPOR PLATING METALS FROM FLUOROCARBON KETO META COMPOUNDS | AFD667-1192 |
| PLATINUM | |
| EVAPORATION OF SUBMICRON PLATINUM PARTICLES IN A SHORT TIME | AFD667-0106 |
| MELTING CURVES OF COPPER SILVER GOLD AND PLATINUM TO 2100°K | AFD666-0046 |
| PERFLUORALKYL COMPLEXES OF PALLADIUM AND PLATINUM | AFD667-0300 |
| CHEMISORPTION OF NITROGEN AND O ₂ ON NICKEL AND PLATINUM | AFD667-0300 |
| AN EXPERIMENT CONCERNING THE EVAPORATION AND CONDENSATION OF PLATINUM AT HIGH TEMPERATURES | AFD667-1087 |
| SUPERCONDUCTIVITY AND LATTICE PARAMETERS IN PRE-INTERFACED CUBIC PLATINUM THIOSELEN AND PALLADIUM THIOSELEN SINGLE CRYSTALS | AFD667-1087 |
| TIME OF FLIGHT MEASUREMENTS IN AN ARGON DECAN DEPLETION BY A HEATED PLATINUM TARGET | AFD666-0319 |
| A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE COMPLEXES OF PLATINUM AND PALLADIUM | AFD667-0319 |
| PLATINUM/II | |
| TERTIARY PHOSPHINE COMPLEXES OF PLATINUM/II AND PALLADIUM/II | AFD667-1024 |
| PLAUSIBILITY | |
| RACIAL ATTITUDE AS A DETERMINANT OF JUDGMENTS OF PLAUSIBILITY | AFD667-1194 |
| PLAY | |
| AN EXAMPLE OF HUMAN CHESS PLAY IN THE LIGHT OF CHESS PLAYING PROGRAMS | AFD667-0260 |
| PLAYA | |
| PLAYA SURFACE MORPHOLOGY MISCELLANEOUS INVESTIGATIONS | AFD667-0133 |
| PLAYING | |
| SOME STUDIES IN GAME PLAYING WITH A DIGITAL COMPUTER | AFD667-0133 |
| AN EXAMPLE OF HUMAN CHESS PLAY IN THE LIGHT OF CHESS PLAYING PROGRAMS | AFD667-0133 |
| PLAYS | |
| PRISONERS IN THE COLD WAR HOSTAGE ACTORS IN LOYALTY PLAYS | AFD667-1004 |
| PLEIADES | |
| LITHIUM OBSERVATIONS IN THE PLEIADES AND IN F STARS IN THE PLEIADS | AFD667-0021 |
| PLOT | |
| A REVIEW OF THE APPLICABILITY OF THE SOUTHWELL PLOT TO THE INTERPRETATION OF TEST DATA OBTAINED FROM STABILITY STUDIES | AFD667-1001 |
| PLOTS | |
| MECHANISTIC CONSEQUENCES OF CURVED STRAIN-VOLUME PLOTS THE HYDROLYSIS OF L-GLUTAMINE | AFD667-0046 |
| PLOTTER | |
| A FORTRAN IV SUBPROGRAM FOR PLOTTING CURVES ON A CALCOMP 563 DIGITAL PLOTTER | AFD667-0135 |
| PLOTTING | |
| A FORTRAN IV SUBPROGRAM FOR PLOTTING CURVES ON A CALCOMP 563 DIGITAL PLOTTER | AFD667-0135 |
| ON THE USE OF IONIZATION LEVEL AS AN INDEPENDENT VARIABLE FOR PLOTTING PLASMA TRANSMISSION PROPERTIES | AFD667-0135 |
| PLUGS | |
| SELF CONSISTENT ONE-DIMENSIONAL CALCULATIONS WITH SPECIAL COMMENTS ON SATURATED EARTH PLUGS | AFD667-1006 |
| PLUME | |
| INFRARED RADIATION AND SUPPRESSION FROM THE EXHAUST PLUME IN JET AIRCRAFT DURING AFTERBURNER OPERATION | AFD667-0135 |
| A STUDY OF RADIATION CHARACTERISTICS AND ITS SUPPRESSION FROM THE PLUME OF A JET AIRCRAFT DURING AFTERBURNER OPERATION | AFD667-0135 |
| PLUMES | |
| A STUDY OF INFRARED RADIATION AND ITS SUPPRESSION FROM THE EXHAUST PLUMES OF JET AIRCRAFT DURING AFTERBURNER OPERATION | AFD667-0135 |
| PUCKELS | |
| DETERMINATION OF THE PUCKELS ELECTRO-OPTIC COEFFICIENT IN ADP AT 4.5 GHZ | AFD667-1000 |
| POINCARÉ | |
| INEQUALITIES OF POINCARÉ TYPE AND APPLICATIONS TO SINGULAR ELLIPTIC DIFFERENTIAL OPERATORS | AFD667-1000 |
| POINCARÉ-LEFSCHETZ | |
| ORDINARY VALUE PROBLEMS AND THE POINCARÉ-LEFSCHETZ MAPPING | AFD667-1000 |
| POINT | |
| POINT TRANSFORMATIONS AND THE HARD-SPHERE RISE GAS | AFD667-2474 |
| POINT INTERVAL ESTIMATION FROM ONE-SAMPLE STATISTIC OF THE LOCATION PARAMETER OF AN EXTREME-VALUE DISTRIBUTION WITH POINT DEFECTS AND THE EFFECT STATE IN CERAMICS | AFD667-0077 |
| ON THE POINT SPECTRUM OF A LINEAR OPERATOR | AFD667-0240 |
| USE OF POINT CONTRASTS TO OBTAIN DIRECT EVIDENCE OF FLUX MOTION IN SUPERCONDUCTORS | AFD667-1192 |
| THE CLUST OF POINT DEFECTS IN C50 ORDERED ALLOYS AND OTHER INTERMETALLIC COMPOUNDS FINAL REPORT NOV 1966 | AFD667-1192 |
| ON THE BOUNDARY POINT PRINCIPLE FOR ELLIPTIC EQUATIONS IN THE PLANE | AFD667-1192 |
| THE FORMATION OF POINT DEFECTS IN BINARY ALLOYS | AFD667-1192 |
| RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MSURXSURS | AFD667-1192 |

POINT - CONTINUED

| | |
|--|--------------|
| RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND H_2 | ARL 67-0147 |
| RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND H_2SUB2 | ARL 68-0186 |
| RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND $MSUB2SUB3$ | ARL 68-0187 |
| RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND $MSUB2$ | ARL 68-0188 |
| THE FIELD FROM AN SH POINT SOURCE IN A CONTINUOUSLY LAYERED INHOMOGENEOUS HALF-SPACE II THE FIELD IN A HALF-SPACE | AFOSR67-0676 |
| SOLUTION OF THE CLASSICAL POINT SOURCE EXPLOSION PROBLEM ON THE IBM 1620 AND 7094 | ARL 68-1006 |
| EQUILIBRIUM AIR STAGNATION POINT BOUNDARY-LAYER CALCULATIONS USING A VARIABLE HEAT OF DISSOCIATION MODEL | ARL 68-0349 |
| QUANTUM ELECTRODYNAMICS FROM THE POINT OF VIEW OF TOPOLOGICAL GROUPS FINAL REPORT DEC 1966 | AFOSR67-0027 |
| NUCLEAR MAGNETIC RESONANCE STUDIES OF POINT DEFECTS IN BARIUM FLUORIDE CRYSTALS | AFOSR67-0594 |
| OPTIMAL STATION KEEPING AT THE L_4 LIBRATION POINT | ARL 67-1000 |
| DETERMINING THE DEGREE OF AMBIGUITY IN FROST POINT TEMPERATURES AS MEASURED BY AN OPTICAL DEW POINT SENSOR | AFOSR67-0147 |
| EFFECT OF INITIAL CONFIGURATION ON LIBRATION POINT MOTION | ARL 67-0204 |
| TWO LAYER ABLATION AT AN AXISYMMETRIC STAGNATION POINT | ARL 68-0181 |
| THE INFLUENCE OF AGING ON THE LOW-TEMPERATURE YIELD POINT IN IRON | ARL 67-1281 |
| MAGNETIC RELAXATION NEAR A SECOND-ORDER PHASE-TRANSITION POINT | AFOSR67-0568 |
| THE RESPONSE OF A THIN ELASTIC PLATE TO A MOVING PRESSURE POINT | AFOSR67-1334 |
| UNIFORM ASYMPTOTIC EXPANSIONS OF INTEGRALS WITH STATIONARY POINT NEAR ALGEBRAIC SINGULARITY | AFOSR67-1628 |
| CONCENTRATION FLUCTUATIONS IN THE VICINITY OF THE CRITICAL POINT FINAL REPORT SEPT 1967 | AFOSR67-2300 |
| LOCAL MODES AND RESONANCE SCATTERING OF LATTICE WAVES DUE TO POINT DEFECTS OPTICAL AND THERMAL PROPERTIES OF IMPERFECT | AFOSR68-1094 |
| FLOW AND ELECTRIC FIELD EFFECTS ON THE RESPONSE OF A STAGNATION POINT MASS SPECTROMETER FINAL REPORT OCT 1967 | AFOSR67-0667 |
| MAGNETIZATION MEASUREMENTS AND PRESSURE DEPENDENCE OF THE CURIE POINT OF THE PHASE TRI SCANDIUM - INDINIIDE | AFOSR68-0928 |
| ON CONSTRUCTING FORMAL INTEGRALS OF A HAMILTONIAN SYSTEM NEAR AN EQUILIBRIUM POINT | AFOSR67-0136 |
| MOMENTUM-SPACE ANALYTICITY PROPERTIES OF THE BERGMAN-WEIL INTEGRAL FOR THE THREE POINT FUNCTION | AFOSR67-1637 |
| DETERMINING THE DEGREE OF AMBIGUITY IN FROST POINT TEMPERATURES AS MEASURED BY AN OPTICAL DEW POINT SENSOR | AFOSR67-0147 |
| POINT-LOOP | |
| REMOVAL OF POINT-LOOP AMBIGUITIES THROUGH FINITE-PART RENORMALIZATION | AFOSR67-0593 |
| POINT-SYMMETRIC | |
| POINT-SYMMETRIC GRAPHS WITH A PRIME NUMBER OF POINTS | AFOSR67-0694 |
| POINTED | |
| POINTED LUNAR IR EXPERIMENT FINAL REPORT AUG 1968 | AFOSR68-0411 |
| VISCOS HYPERSONIC FLOW OVER POINTED CONES AT LOW REYNOLDS NUMBERS | ARL 67-0268 |
| POINTING | |
| DEVELOPMENT FABRICATION ASSEMBLY AND TESTING OF BIAXIAL POINTING CONTROL AND ASSOCIATED TELEMETRY SYSTEMS FINAL | AFOSR67-0646 |
| PROVIDE PAYLOAD FOR ARROWHEAD ROCKET EFFUSION AND TEST A LUNAR POINTING CONTROL AND TELEMETRY SYSTEM FINAL REPORT NOV | AFOSR67-0647 |
| THE EFFECT OF LINEAR FREQUENCY MODULATION ON ANGULAR RESOLUTION AND POINTING ACCURACY | AFOSR67-0680 |
| SOLAR DAILY VARIATION RECORDED AT A LOW LATITUDE STATION BY FAST AND WEST POINTING TELESCOPES DURING PERIODS OF | AFOSR67-0794 |
| POINTS | |
| DOUBLE POINTS OF MATHEUS EQUATION | ARL 68-1255 |
| DOUBLE POINTS OF MATHEUS EQUATION | ARL 68-1256 |
| DOUBLE POINTS OF MATHEUS EQUATION | ARL 68-1472 |
| MELTING POINTS AT HIGH COMPRESSIONS FROM ZERO-COMPRESSION PROPERTIES THROUGH THE KENNEDY RELATION | AFOSR67-1239 |
| SINGULAR POINTS OF PLANAR ORDINARY DIFFERENTIAL SYSTEMS | AFOSR67-1347 |
| CONJUGATE POINTS ON EXTREMAL ROCKET PATHS | AFOSR68-1937 |
| ON EXTREME POINTS IN L_1 | AFOSR68-0295 |
| PERCENTAGE POINTS OF WEIBULL TEST STATISTICS | ARL 67-1032 |
| EXCEPTIONAL BOUNDARY POINTS FOR THE NONDIVERGENCE EQUATION WHICH ARE REGULAR FOR THE LAPLACE EQUATION - AND VICE-VERSA | AFOSR68-2641 |
| ON NON-ELEMENTARY SINGULAR POINTS | AFOSR67-0815 |
| THERMODYNAMICS OF CRITICAL POINTS | AFOSR68-1790 |
| EXACT MOMENTS AND PERCENTAGE POINTS OF THE ORDER STATISTICS AND THE DISTRIBUTION OF THE RANGE FROM THE LOGISTIC | ARL 67-0296 |
| POINT-SYMMETRIC GRAPHS WITH A PRIME NUMBER OF POINTS | AFOSR67-0654 |
| LONG RANGE RECORDING OF LAKE SUPERIOR 1966 SHOT POINTS FINAL REPORT JAN 1968 | AFOSR68-1508 |
| POINTS/GAMMA | |
| A COMPUTATION OF THE POINTS/GAMMA AND CHI FOR THE VALENCE AND CONDUCTION BANDS OF SODIUM CHLORIDE | AFOSR68-0701 |
| POISEUILLE | |
| STABILITY OF TWO-DIMENSIONAL POISEUILLE FLOW | AFOSR67-2420 |
| POISSON | |
| POISSON TRANSFORM CHARACTERIZATION OF PHOTOELECTRIC COUNTS | AFOSR68-0033 |
| THE POISSON TRANSFORM PROPERTIES AND APPLICATIONS | AFOSR68-2044 |
| CONVERGENCE OF POISSON INTEGRALS FOR BOUNDED SYMMETRIC DOMAINS | AFOSR68-2736 |
| POLAR | |
| POLAR SETS AND REMOVABLE SINGULARITIES OF PARTIAL DIFFERENTIAL EQUATIONS | AFOSR67-1210 |
| ION POLAR MOLECULE REACTIONS/ ENERGY DEPENDENCY OF HYDROGEN ATOM AND ION TRANSFER IN THE METHANOL-ACETALDEHYDE SYSTEM | ARL 68-1331 |
| A NEW POLAR AXIS MOTION SYSTEM | AFOSR67-0209 |
| VECTOR POLAR METHOD FOR THE ANALYSIS OF WAVE INTERSECTIONS | AFOSR67-0660 |
| ABSORPTION OF POLAR COMPOUNDS ON AMORPHOUS BORON | AFOSR67-0698 |
| HYPERPOLARIZABILITIES OF SOME POLAR DIATOMIC MOLECULES | AFOSR67-1554 |
| DESIGN OF A DIGITAL SIMULATION OF THE POLAR PLANIMETER FOR CALCULATING AREAS OF ECHOS FROM RADAR WEATHER OBSERVATIONS | AFOSR68-0341 |
| CHANGES IN VAN ALLEN RADIATION ASSOCIATED WITH POLAR SURSTORMS | AFOSR68-1084 |
| MEASUREMENT OF PRIMARY AND ALBEDO COSMIC RAYS ON A POLAR ORBITING SATELLITE | AFOSR67-2826 |
| INTERACTION OF LOCALIZED VIBRATIONS WITH PLASMONS IN A POLAR SEMICONDUCTOR | AFOSR68-0936 |
| ON THE PROBABILITY OF INTERMOLECULAR ENERGY TRANSFER IN POLAR MOLECULES | AFOSR68-0719 |
| TEMPERATURE DEPENDENCE OF INTERMOLECULAR ENERGY TRANSFER IN POLAR MOLECULES | AFOSR68-1733 |
| COMMENT ON THE DEVIATION FROM AN INVERSE SIXTH POWER POTENTIAL IN THE SCATTERING OF A POLAR MOLECULE BY NONPOLAR GASES | AFOSR67-2736 |
| POLARIMETER | |
| A SOLID STATE POLARIMETER SUITABLE FOR ROCKY-BORNE ATMOSPHERIC DIFFERENTIAL ABSORPTION MEASUREMENTS | AFOSR67-0373 |
| POLARITY | |
| ON A CLASS OF GENERALIZED POLARITY COINCIDENCE CORRELATORS | AFOSR68-2347 |
| A CONNECTION BETWEEN CAPACITY AND POLARITY | AFOSR68-2038 |
| POLARIZABILITIES | |
| DIPOLE POLARIZABILITIES OF THE $2SUBP3SUB5SUB1$ AND $2SUBP3SUB5SUB2$ STATES OF HE AND Li PLUS | AFOSR67-0803 |
| UNIFORM-ELECTRIC-FIELD QUADRUPOLE POLARIZABILITIES AND SHIELDING FACTORS FOR S -STATE ATOMS AND IONS | AFOSR67-0310 |
| THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON II EVALUATION OF THE POLARIZABILITIES | AFOSR68-0524 |

POLARIZABILITY

MAGNETIC POLARIZABILITY OF CLOSED SHELLS

AFOSR66-1466

POLARIZABLE

CORRECTION TO STOKES LAW FOR A CHARGED SPHERE MOVING IN A POLARIZABLE COMPRESSIBLE LIQUID

AFCL66-021R

POLARIZATION

POLARIZATION OF LIGHT FROM ELECTRON-HELIUM COLLISIONS

AFOSR67-1218

POLARIZATION OF LIGHT EMITTED FROM THE EXCITATION OF H SUB 2 BY ELECTRON IMPACT

AFOSR67-2674

POLARIZATION AND ASYMMETRY IN THE REACTION DEUTERON SCATTERING FROM HELIUM-THREE YIELDING A PROTON PLUS HELIUM-FOUR

AFOSR66-0356

THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON I A CORRECTION TO THE ADIABATIC

AFCL66-0523

THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON II EVALUATION OF THE POLARIZABILITIES

AFCL66-0524

SPIN POLARIZATION AROUND A LOCALIZED MAGNETIC IMPURITY IN A MAGNETIZED METAL

AFOSR66-0589

LINEAR POLARIZATION MEASUREMENTS

ARL 66-0170

STUDY OF POLARIZATION OF ATMOSPHERIC SCATTERED LIGHT USING MONTE CARLO METHODS

AFCL66-0310

DEUTERON POLARIZATION AND NEUTRON FORM FACTORS

AFOSR67-0222

RADIANCE AND POLARIZATION OF MULTIPLE SCATTERED LIGHT FROM HAZE AND CLOUDS

AFCL67-0570

ELECTRON SPIN POLARIZATION DUE TO A MAGNETIC IMPURITY

AFOSR67-1665

ELECTRON SPIN POLARIZATION IN FIELD-COOLED ANTIFERROMAGNETIC CHROMIUM

ARL 66-1483

ANISOTROPIC SPIN POLARIZATION IN FERROMAGNETIC NICKEL

AFOSR67-0494

SNMP REMARKS ON THE POLARIZATION DATA FOR PION-NUCLEON SCATTERING

AFOSR66-1215

AN INVESTIGATION OF POLARIZATION PHENOMENA PRODUCED BY SPACE OBJECTS

ARL 67-1058

INVESTIGATIONS OF THE POLARIZATION OF LIGHT REFLECTED BY NATURAL SURFACES

AFCL67-0089

APPARATUS FOR GUARDED POLARIZATION MEASUREMENTS

ARL 67-0164

MINORITY DETECTION IN AN OPTICAL POLARIZATION MODULATION COMMUNICATION CHANNEL

AFOSR67-1472

USE OF A SUPERHEATED HEVA IN POLARIZATION STUDIES

AFOSR67-0534

INFLUENCE OF EXCHANGE ON THE STATIC POLARIZATION OF AN ELECTRON GAS

ARL 66-0092

RESEARCH IN MEASUREMENT OF RATIOS OF POLARIZATION TO ABSORPTION FOR STARS ALONG THE MILKY WAY FINAL REPORT SEPT 1966

AFCL66-0464

ROLE OF GRAIN BOUNDARIES IN SCATTERED POLARIZATION MEASUREMENTS

ARL 67-1157

EXCHANGE COUPLING AND CONDUCTION-ELECTRON POLARIZATION IN METALS

AFOSR67-0596

SEPARATION OF DIRECT AND COMPOUND EFFECTS BY POLARIZATION MEASUREMENTS

AFOSR66-0903

PERTURBATION THEORY EXPANSIONS IN BOTH ORDER OF MASS POLARIZATION CORRECTION RELATIVISTIC EFFECTS & LAMB SHIFT OF

AFOSR67-1652

ON THE THEORY OF EXCITONS IN LIQUIDS II A CLASSICAL MODEL OF POLARIZATION WAVES IN A SIMPLE LIQUID

AFOSR67-2107

THE SPIN POLARIZED HARTREE-FOCK METHOD AND THE CONTRIBUTION OF CORE POLARIZATION TO HYPERFINE FIELDS OF 40 IONS

AFOSR67-1162

GAIN COMPENSATED PHOTOPOLARIMETER FOR AIRBORNE MEASUREMENTS OF SKYLIGHT POLARIZATION

AFCL67-0396

THEORY OF EXCITONS IN LIQUIDS IV A SIMPLIFIED TREATMENT OF THE SHIFT AND DAMPING OF POLARIZATION WAVES

AFOSR66-1977

APPROXIMATE ROUGH SLIP VECTOR DIRECTION DETERMINATION FOR IREFRAN NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE FROM

AFOSR66-1434

POLARIZED

POLARIZED POSITRON ANNIHILATION IN FERROMAGNETIC NICKEL

AFOSR67-0444

THE SPIN POLARIZED HARTREE-FOCK METHOD AND THE CONTRIBUTION OF CORE POLARIZATION TO HYPERFINE FIELDS OF 40 IONS

AFOSR67-1162

CIRCULARLY POLARIZED ULTRASONIC SHEAR WAVES IN METALS

AFOSR66-0657

ANALYSIS OF POLARIZED LIGHT IN WOLF-SPIDERS

AFOSR67-2536

MECHANISM OF POLARIZED LIGHT PERCEPTION

AFOSR67-1150

MEASUREMENT OF POLARIZED LIGHT FROM SPACE OBJECTS

ARL 67-1326

AN UPPER LIMIT TO CIRCULARLY POLARIZED RADIATION FROM THE CRAB NEBULA

AFOSR66-1048

ON THE RELATIVISTIC DYNAMICS OF POLARIZED SYSTEMS

AFOSR66-1043

MAGNETOACOUSTIC ATTENUATION OF CIRCULARLY POLARIZED ULTRASOUND IN SN AI AND Sb

AFOSR66-0724

POLARON

RESONANT POLARON COUPLING IN SEMICONDUCTORS

ARL 66-1373

CYCLOTRON RESONANCE OF THE POLARON IN CERTAIN ALKALI HALIDES

AFOSR66-0177

INFRA-RED MAGNETO-OPTICAL STUDIES OF LINE-WIDTH ANOMALIES CAUSED BY RESONANT POLARON COUPLING TO MAGNETIC STATES IN

ARL 66-1374

POLARS

DISCONTINUITY RELATIONS AND SHOCK POLARS FOR CONSERVATION EQUATIONS WITH APPLICATION TO MAGNETOGASDYNAMICS

AFOSR67-243R

POLE

ON POLE ASSIGNMENT IN MULTI-INPUT CONTROLLABLE LINEAR SYSTEMS

AFOSR66-1315

LIMITATIONS OF POLE POLE DOMINANCE

AFOSR67-1652

POLE-ZERO

HIDDEN MODES AND POLE-ZERO CANCELLATION

AFOSR67-0825

POLES

REGGE POLES AND UNEQUAL-MASS SCATTERING PROCESSES

AFOSR67-1405

REGGE POLES AND HIGH-ENERGY SINGLE-PARTICLE PRODUCTION

AFOSR67-2703

DOUBLE REGGE POLES AND REGGE CUTS

AFOSR67-0878

GRIGNON-POMERANCHUK POLES IN SCATTERING AMPLITUDES

AFOSR67-2777

QUARKS AND MAGNETIC POLES

AFOSR67-0571

QUARKS AND MAGNETIC POLES

AFOSR67-2823

ALGEBRAIC CLASSIFICATION OF REGGE POLES

AFOSR66-1142

POSSIBLE ONE-CHANNEL CASTILLEJO-DALITZ-DYSON POLES IN π AND SCATTERING

AFOSR67-0475

THE PROBLEM OF MULTIPARAMETER ADAPTIVE SYSTEMS HAVING SPECIFIED POLES AND ZEROS

AFOSR67-0765

SOLUTION OF THE EXCHANGE-SCATTERING PROBLEM WITHOUT INADMISSIBLE COMPLEX POLES

AFOSR67-0971

BEST APPROXIMATION BY RATIONAL FUNCTIONS AND BY MEROMORPHIC FUNCTIONS WITH SOME FREE POLES

AFOSR66-0375

POLICY

FOCUSION FOR POLICY RELES AN ANALYSIS OF LECTURERS AND READING MATERIALS AT SELECTED WAR COLLEGES

AFOSR66-0953

POLYMERISMS

THE MAPPLING ENERGY OF MINERALS POLYMERISMS OF SILICA

AFOSR67-2427

POLITICAL

POLITICAL ELITES A MODE OF ANALYSIS

AFOSR66-0024

THE POLITICAL ECONOMICS OF SOCIAL RESEARCH THE CASE OF SOCIOLOGY

AFOSR66-0579

STUDIES IN SOCIAL AND POLITICAL BEHAVIOR AND CHANGE COMMUNIST CHINA FINAL REPORT JUNE 1968

AFOSR66-1437

PERCEPTION AND JUDGMENT IN THE POLITICAL EXTREMIST

AFOSR67-2008

THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE FINAL REPORT MAY 1967

AFOSR67-1167

POLITICS

POLITICS OF MODERNIZATION FINAL REPORT MARCH 1966

AFOSR67-2111

STUDENT POLITICS

AFOSR66-0946

THE ISRAELI ARMY IN POLITICS THE PERSISTENCE OF THE CIVILIAN OVER THE MILITARY

AFOSR66-2545

A SELECTED BIBLIOGRAPHY ON STUDENTS POLITICS AND HIGHER EDUCATION

AFOSR66-0870

POLY

TRANSITION STUDIES OF POLY /Z 6-DIMETHYL 1 4-PHENYLENE ETHYLENE
THERMODYNAMIC PROPERTIES OF POLY /Z 6-DIMETHYL-1 4-PHENYLENE
SEQUENCE PEPTIDE POLYMERS II POLY GLU /OM/ GLY POLY GLU /OM/ - SER /H/ -GLY AND THEIR BENZYL ESTERS
CONFIGURATIONAL STATISTICS OF POLY /ETHYLENE TEREPHTHALATE/ CHAINS
AN OPTICALLY PURE SEQUENCE PEPTIDE POLY GLY GLY PHE
SEQUENCE PEPTIDE POLYMERS II POLY GLU /OM/ GLY POLY GLU /OM/ - SER /H/ -GLY AND THEIR BENZYL ESTERS

AFOSR66-2614
AFOSR66-2616
AFOSR67-1037
AFOSR67-1482
AFOSR67-0537
AFOSR67-1037

POLYAMINE

CONFIGURATIONAL STATISTICS OF POLYAMIDE CHAINS

AFOSR67-1483

POLYANINE

HYDROGEN-ADDITION RADICALS FORMED IN THE AROMATIC RINGS OF AMINO ACIDS POLYANINE ACIDS AND PROTEINS

AFOSR66-2249

POLYANIONS

STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS /SPANISH/

AFOSR67-1293

/SPANISH/ STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS XIII POLYMERIZATION OF TELLURATES IN ONE MOLAR NaCl SOLUTION

AFOSR67-1306

POLYATOMIC

VALPNEP SHELL CALCULATIONS ON POLYATOMIC MOLECULES II CNDO SCF CALCULATIONS ON MONOSUBSTITUTED BENZENES

AFOSR66-1149

ANALYTICAL POTENTIAL FUNCTIONS OF POLYATOMIC MOLECULES FINAL REPORT DEC 1967

AFOSR66-0125

CORRELATIONAL EFFECTS ON THE INFRARED FREQUENCIES OF POLYATOMIC MOLECULES EVALUATION OF PERTURBATION-THEORY PARAMETERS

AFOSR67-0235

KINETIC DESCRIPTION OF CYLINDRICAL HEAT CONDUCTION IN A POLYATOMIC GAS

AFOSR66-2423

POLYCATENASELENIUM

UNPERTURBED DIMENSIONS OF POLYCATENASULPHUR AND POLYCATENASELENIUM

AFOSR67-1206

POLYCATENASULPHUR

UNPERTURBED DIMENSIONS OF POLYCATENASULPHUR AND POLYCATENASELENIUM

AFOSR67-1206

POLYCRYSTALLINE

REVISED DATA ON POLYCRYSTALLINE MAGNESIUM OXIDE

AFOSR66-1482

THERMAL MUTATION IN POLYCRYSTALLINE A-D-GLUCOSE

AFOSR67-1650

PRESSURE DERIVATIVES OF THE SOUND VELOCITIES OF POLYCRYSTALLINE FORSTERITE WITH 6 PER CENT POROSITY

AFOSR67-1227

POLYDISCS

ZERO-SPTS IN POLYDISCS

AFOSR67-1966

INNER FUNCTIONS IN POLYDISCS

AFOSR67-1944

POLYETHYLENE

ELECTRON MICROSCOPY OF POLYETHYLENE BELOW TWENTY DEGREES KELVIN

AFOSR67-1780

CREEP CHARACTERISTICS OF POLYETHYLENE FILM

AFOSR67-0488

POLYFLUORINATED

POLYFLUORINATED AROMATIC ESTERS PREPARATION AND CARBONYL STRETCHING FREQUENCIES

AFOSR67-1987

POLYFLUOROACETONE

POLYFLUOROACETONE COMPLEXES OF TRANSITION METALS

AFOSR66-0801

POLYGNONAL

POLYGNONAL AND SHEET-STACK PLATES WITH CUT-OUTS AND COLUMN SUPPORTS

AFOSR66-2612

POLYGRAPHIC

BEHAVIORAL AND POLYGRAPHIC STUDY OF SLEEP AND WAKEFULNESS IN CHRONIC DECEBRATE CATS

AFOSR67-0460

MONOMINISAND SLEEP POLYGRAPHIC NEUROPHARMACOLOGICAL AND HISTOCHEMICAL STUDY OF SLEEP IN THE CAT /FRENCH/

AFOSR67-0511

POLYHEDRA

ELECTROMAGNETIC SCATTERING BY REGULAR POLYHEDRA FINAL REPORT APR 1967

AFOSR67-0307

POLYHEDRAL

NOTES ON KLEFS PAPER POLYHEDRAL SECTIONS OF CONVEX BODIES

AFOSR66-0247

POLYHYDRIDES

GEOMETRY OF MOLECULES I WAVEFUNCTIONS FOR SOME SIX-AND EIGHT-ELECTRON POLYHYDRIDES

AFOSR67-2467

POLYISOBUTYLE

THERMODYNAMICS OF POLYMER SOLUTIONS PART 3 -- POLYISOBUTYLE CYCLOHEXANE

AFOSR66-2396

THERMODYNAMICS OF POLYMER SOLUTIONS PART 4 -- POLYISOBUTYLE N-PENTANE

AFOSR66-2396

POLYISOBUTYLENE

DETERMINATION OF THE EQUATION OF STATE OF POLYISOBUTYLENE

AFOSR66-1887

THERMODYNAMICS OF MIXING OF N-ALKANES WITH POLYISOBUTYLENE

AFOSR66-1886

THERMODYNAMICS OF MIXING POLYMETHYLENE AND POLYISOBUTYLENE

AFOSR66-1888

POLYLITHIATED

POLYLITHIATED SPECIES FROM 1-PHENYLPROPYLENE AND ORGANOLITHIUM REAGENTS

AFOSR67-2423

POLYMER

KERR EFFECT IN POLYMER CHAINS

AFOSR66-2077

THERMODYNAMICS OF POLYMER SOLUTIONS PART 1 NATURAL RUBBER AND BENZENE

AFOSR66-2393

THERMODYNAMICS OF POLYMER SOLUTIONS PART 3 -- POLYISOBUTYLE CYCLOHEXANE

AFOSR66-2396

THERMODYNAMICS OF POLYMER SOLUTIONS PART 4 -- POLYISOBUTYLE N-PENTANE

AFOSR66-2396

1 3-ASYMMETRIC INDUCTION IN STEREOSPECIFIC ADDITION POLYMER

AFOSR66-2442

TUNNELING BETWEEN A METAL AND SILICON SEPARATED BY A POLYMER INSULATOR

AFOSR67-0607

TREATMENT OF THE EFFECT OF EXCLUDED VOLUME AND DEDUCTION OF UNPERTURBED DIMENSIONS OF POLYMER CHAINS CONFIGURATIONAL

AFOSR67-0240

POLYMERIZATION

| | |
|--|--------------|
| POLYMERIZATION OF STYRENE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM VANADIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS | AFOSR67-2643 |
| POLYMERIZATION OF VINYL CYCLOHEXANE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS | AFOSR67-2644 |
| POLYMERIZATION AND COPOLYMERIZATION OF ALPHA-METHACRYLO- PHENONE | AFOSR68-1810 |
| IONIC POLYMERIZATION IN METHYL ETHYL AND VINYL CHLORIDES | ARL 67-1106 |
| IONIC POLYMERIZATION IN VINYL CHLORIDE | ARL 67-1126 |
| IONIC POLYMERIZATION OF SIMPLY UNSATURATED HYDROCARBONS, ACETYLENE AND ETHYLENE | ARL 67-1237 |
| ANIONIC POLYMERIZATION AND COPOLYMERIZATION OF ACRYLOPHENONE | AFOSR68-1908 |
| CYCLOPROPANONES V INHIBITION OF POLYMERIZATION AND ADDITION OF ACIDS | AFOSR67-1826 |
| POLYMERIZATIONS | |
| ON STRENGTH SEQUENCE DISTRIBUTIONS FROM ANIONIC POLYMERIZATIONS | AFOSR67-1096 |
| POLYMERS | |
| SEQUENCE PEPTIDE POLYMERS II POLY GLU /OH/ GLY POLY GLU /OH/ - SER /OH/ -GLY AND THEIR BENZYL ESTERS | AFOSR67-1037 |
| SEQUENCE PEPTIDE POLYMERS I POLYMERS BASED ON ASPARTIC ACID AND GLYCINE | AFOSR67-1078 |
| SYNTHESIS OF INORGANIC POLYMERS | AFML 67-0134 |
| SEQUENCE PEPTIDE POLYMERS I POLYMERS BASED ON ASPARTIC ACID AND GLYCINE | AFOSR67-1078 |
| APPROXIMATE ICAO-MO TREATMENT OF CONJUGATED POLYMERS | AFOSR68-1986 |
| SYNTHESIS AND CHARACTERISTICS OF ARYL SULFINIDE POLYMERS | AFML 67-0084 |
| DIFFUSION OF DISSOLVED GASES IN MOLTEN CONDENSATION POLYMERS | ARL 68-0086 |
| FURTHER STUDIES ON THE IMMUNOGENICITY OF D-AMINO ACID POLYMERS | AFOSR68-0836 |
| POLYMETHYLENE | |
| THERMODYNAMICS OF MIXING POLYMETHYLENE AND POLYISOBUTYLENE | AFOSR68-1688 |
| POLYMORPH | |
| HIGH-PRESSURE METALLIC POLYMORPH OF CADMIUM ARSENIDE | AFOSR68-1306 |
| POLYNOMIAL | |
| POLYNOMIAL APPROXIMATION OF FUNCTIONS ANALYTIC IN A DISK ON A MAPPING POLYNOMIAL FOR GALOIS FIELDS | AFOSR67-0561 |
| THE CHERYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION ON AN INTERVAL | AFOSR67-0334 |
| THE CHERYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION OR AN INTERVAL | ARL 67-1264 |
| THE CHERYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION OR AN INTERVAL | ARL 68-1243 |
| THE CHERYSHEV POLYNOMIAL OF BEST APPROXIMATION TO A GIVEN FUNCTION OR AN INTERVAL | ARL 68-1244 |
| THE CHARACTERISTIC POLYNOMIAL OF A SINGULAR MATRIX | AFOSR68-1740 |
| POLYNOMIALS | |
| POLYNOMIALS ASSOCIATED WITH MEASURES IN THE COMPLEX PLANE | AFOSR67-2757 |
| APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE II | AFOSR68-0377 |
| APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE III | AFOSR68-0378 |
| INTERPOLATION WITH POLYNOMIALS TO BOUNDARY VALUES FINAL REPORT SEPT 1968 | AFOSR68-2406 |
| RECURSION FORMULAS FOR POLYNOMIALS IN RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS | ARL 67-1135 |
| THE STUDY OF COMPLEMENTARY POLYNOMIALS IN A NETWORK SENSE | AFOSR67-0376 |
| ON FITTING WITH FUNCTIONAL POLYNOMIALS | AFOSR67-1947 |
| ON A GENERALIZATION OF BERNSTEIN POLYNOMIALS | AFOSR68-0961 |
| CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS WITH NODES LYING ON A PIECEWISE ANALYTIC JORDAN CURVE WITH | AFOSR67-2890 |
| DEGREE OF APPROXIMATION BY RATIONAL FUNCTIONS AND POLYNOMIALS | AFOSR68-1031 |
| THE EVALUATION OF AN INTEGRAL INVOLVING THE PRODUCT OF TWO GEGENBAUER POLYNOMIALS | AFOSR68-1285 |
| POLYNOMIALS | |
| DERIVATIVES OF POLYNOMIALS WITH POSITIVE COEFFICIENTS | AFOSR68-2244 |
| POLYNUCLEAR | |
| POLYNUCLEAR HYDROXO COMPLEXES FINAL REPORT SEPT 1968 | AFOSR68-2881 |
| ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVI POLYNUCLEAR CYCLOPENTADIENYLMETAL CARBOXYLS OF IRON AND COBALT | AFOSR67-0599 |
| POLYOMINOES | |
| TILING WITH POLYOMINOES | AFOSR67-0313 |
| POLYPEPTIDE | |
| RANDOM COIL CONFIGURATIONS OF POLYPEPTIDE COPOLYMERS | AFOSR67-0582 |
| DIPOLE MOMENTS IN RELATION TO CONFIGURATION OF POLYPEPTIDE CHAINS | AFOSR68-0645 |
| NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1966 | AFOSR67-0610 |
| NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1967 | AFOSR68-0520 |
| CONFORMATIONAL ENERGY ESTIMATES FOR STATISTICALLY COILING POLYPEPTIDE CHAINS | AFOSR67-0551 |
| POLYPEPTIDES | |
| USE OF SYNTHETIC POLYPEPTIDES IN STUDIES ON THE CONTROL OF ANTIBODY FORMATION | AFOSR68-0534 |
| BIOLOGICAL SIGNIFICANCE OF HIGH MOLECULAR WEIGHT POLYPEPTIDES FINAL REPORT JUNE 1967 | AFOSR67-1208 |
| POLYPEPTIDYL | |
| ANTIGENIC COMPETITION BETWEEN POLYPEPTIDYL DETERMINANTS IN NORMAL AND TOLERANT RABBITS | AFOSR68-1682 |
| POLYSTYRENE | |
| EPIMERIZATION OF 2,4-DIPHENYLPENTANE AN OLIGOMER OF POLYSTYRENE | AFOSR67-2536 |
| POLYTETRAFLUOROETHYL | |
| THE HEATS OF COMBUSTION OF POLYTETRAFLUOROETHYLENE /TEFLON/ AND GRAPHITE IN ELEMENTAL FLUORIDE | AFOSR67-2013 |
| POLYTOPES | |
| CONVEX FUNCTIONS ON CONVEX POLYTOPES | AFOSR68-2435 |
| POLYVINYL | |
| DIFFUSION COEFFICIENTS FOR ORGANIC VAPORS IN POLYVINYL ACETATE | ARL 67-0163 |
| POLYMERACHON | |
| UNUSUAL POSSIBILITIES FOR THE POLYMERACHON | AFOSR68-2634 |

PONTINE
RELATIONSHIPS BETWEEN RESERPINE INDUCED PHASIC EEG ACTIVITY AND SINGLE UNIT DISCHARGE IN THE PONTINE RETICULAR AFOSR67-2660

PONTRYAGIN
A MAXIMUM PRINCIPLE OF THE PONTRYAGIN TYPE FOR SYSTEMS DESCRIBED BY NONLINEAR DIFFERENCE EQUATIONS AFOSR67-0776
MULTIDIMENSIONAL LAGRANGE AND PONTRYAGIN PROBLEMS AFOSR68-1875
EXISTENCE THEOREMS FOR LAGRANGE AND PONTRYAGIN PROBLEMS OF THE CALCULUS OF VARIATIONS AND OPTIMAL CONTROL MORE AFOSR68-1931
ON THE CLASSIFICATION OF SINGULAR AND NONSINGULAR EXTREMALS FOR THE PONTRYAGIN MAXIMUM PRINCIPLE AFOSR67-1257

POOL
CILIA REGENERATION IN THE SEA URCHIN EMBRYO EVIDENCE FOR A POOL OF CILIARY PROTEINS AFOSR67-0206

POPULATION
POPULATION INVERSION AND LATER OSCILLATION IN ATOMIC AND MOLECULAR GASES AFOSR67-0389
THERMAL PRODUCTION OF A POPULATION INVERSION IN CARBON DIOXIDE ARL 68-0187
CONFIDENCE INTERVALS FOR THE MEAN OF A FINITE POPULATION AFOSR67-234A
COLOR ANOMALIES AND METAL DEFICIENCIES IN SOLAR-TYPE DISK- POPULATION STARS AFOSR67-0034
MAXIMUM-LIKELIHOOD ESTIMATION OF THE PARAMETERS OF A FOUR- PARAMETER GENERALIZED GAMMA POPULATION FROM COMPLETE AND ARL 67-0089
THEORY AND TABLES FOR TESTS OF HYPOTHESES CONCERNING THE MEAN AND THE VARIANCE OF A WEIBULL POPULATION FINAL REPORT ARL 67-0059

POPULATIONS
SOME PROCEDURES FOR SELECTION OF MULTIVARIATE NORMAL POPULATIONS BETTER THAN A CONTROL ARL 67-0080
COMPARATIVE PRONOUNCABILITY RATINGS /P/ OF 100 CVCS IN TWO COLLEGE POPULATIONS AFOSR67-2133
SELECTION PROCEDURES BASED ON COVARIANCE MATRICES OF MULTIVARIATE NORMAL POPULATIONS ARL 67-1271
ON SOME SELECTION AND RANKING PROCEDURES WITH APPLICATIONS TO MULTIVARIATE POPULATIONS ARL 67-1304

PORCUPINE
SYSTEMS ANALYSIS AND ADDITIONAL INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND PULSE DOPPLER RADAR AFCLRL67-0182
DOPPLER SIGNAL ANALYSIS AND PROCESSING TECHNIQUES FOR MODIFIED /PORCUPINE/ C-BAND PULSE DOPPLER RADAR FINAL REPORT FEB AFCLRL68-0176

POROSITY
PRESSURE DERIVATIVES OF THE SOUND VELOCITIES OF POLYCRYSTALLINE FORSTERITE WITH 6 PER CENT POROSITY AFOSR67-1227

POROUS
PARAMAGNETIC RESONANCE SPECTRA OF METHYL RADICALS ON POROUS GLASS SURFACES AFOSR67-226J
ELECTRON PARAMAGNETIC RESONANCE OF METHYL RADICALS ON POROUS GLASS SURFACE AFOSR67-0196

PORTABLE
PORTABLE SEISMIC ARRAY SYSTEM AFCLRL68-0398

PORTRAYED
U S VULNERABILITIES AS PORTRAYED IN THE EAST GERMAN TELEVISION FILM PILOTS IN PAJAMAS AFOSR68-1623

POSITION
POSITION IN GROUP ACHIEVEMENT MOTIVATION AND GROUP ASPIRATIONS AFOSR68-1164
POSITION OF THE COUNTY IN THE ADMINISTRATIVE SYSTEM AFOSR68-2303
POSITION OPERATORS AND LOCALIZABILITY OF QUANTUM SYSTEMS ARL 68-1096
THE RELATIVISTIC POSITION OPERATOR AT SUBATOMIC LEVEL AFOSR67-1774
NUMERICAL EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING SOLIDIFICATION ARL 68-1007
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXIX RELATIONSHIPS BETWEEN POSITION OF PROTONATION OF ALLYLIC ANIONS AFOSR67-0429
A GENERAL COMPUTER PROGRAM FOR EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING ARL 68-0064

POSITIONS
PRECISE DETERMINATION OF GEODETIC POSITIONS BY THE METHOD OF CONTINUOUS TRACES FINAL REPORT AFCLRL67-0558
THEORY AND APPLICATION OF MOTION AROUND EQUILIBRIUM POSITIONS AFOSR67-0376
CHOICE REACTION TIME AN ANALYSIS OF THE MAJOR THEORETICAL POSITIONS AFOSR67-1804
BEHAVIORAL AND PERSONALITY EXPECTATIONS ASSOCIATED WITH STATUS POSITIONS AFOSR67-1531

POSITIVE
POSITIVE ION SENSING SYSTEM FOR THE MEASUREMENT OF SPACECRAFT PITCH AND YAW AIR FORCE D-10 EXPERIMENT FLOWN ON GEMINI AFCLRL67-0158
POSITIVE DEFINITENESS OF GRAVITATIONAL FIELD ENERGY AFOSR68-1011
IRON POSITIVE ION AND IRON DOUBLE POSITIVE ION HYPERFINE FIELDS IN MAGNESIUM OXIDE AND CALCIUM OXIDE AFOSR67-2417
LINEAR POSITIVE MACHINES AFOSR67-1740
REACTION POSITIVE KAOH-PROTON INTERACTIONS AT 2.26 BEV/C AFOSR67-2324
CHEMISTRY OF POSITIVE IONS VI POSITIVE-ION CHEMISTRY IN SOLID METHANE AFOSR67-1232
COMPARISON OF POSITIVE SOLUTIONS OF NONLINEAR EQUATIONS AFOSR68-1418
UNIQUENESS OF POSITIVE SOLUTIONS OF PARABOLIC EQUATIONS WITH UNBOUNDED COEFFICIENTS AFOSR68-2106
APPROXIMATION BY POSITIVE LINEAR OPERATORS ARL 68-1247
APPROXIMATION BY POSITIVE LINEAR OPERATORS ARL 68-1248
THE APPLICATION OF A POSITIVE IMPEDANCE INVERTER TO THE DESIGN OF INTEGRATED SELECTIVE FILTERS AFOSR68-0089
SEARCH FOR A RAYON OF POSITIVE STRANGENESS AFOSR67-0026
APPROXIMATION BY LINEAR POSITIVE OPERATORS ARL 68-1241
APPROXIMATION BY LINEAR POSITIVE OPERATORS ARL 68-1242
REPRESENTATION THEOREMS FOR POSITIVE RATIONAL FUNCTIONS AFOSR68-2599
UNIMOLECULAR DECOMPOSITION OF POSITIVE IONS ARL 68-1047
CONTINUOUS RADIATION IN AN ARGON POSITIVE COLUMN AFOSR67-0478
DERIVATIVES OF POLYNOMIALS WITH POSITIVE COEFFICIENTS AFOSR68-2244
IRON POSITIVE ION AND IRON DOUBLE POSITIVE ION HYPERFINE FIELDS IN MAGNESIUM OXIDE AND CALCIUM OXIDE AFOSR67-2417
REACTIONS OF HYDROGEN AND DEUTERIUM POSITIVE IONS IN HYDROGEN AND DEUTERIUM GASES AFOSR68-2626
THE DEGREE OF APPROXIMATION BY LINEAR POSITIVE OPERATORS ARL 68-1256
FORMATION OF EXCITED MOLECULAR STATES IN THE POSITIVE COLUMN OF A HELIUM DISCHARGE AFOSR67-0532
COLLISION-INDUCED DISSOCIATION OF /DEUTERIUM POSITIVE MOLECULAR ION/ IONS BY ARGON AND NITROGEN AFOSR67-1375
THE DEGREE OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS ARL 68-0176
THE DEGREE OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS ARL 68-1259
ENERGETIC AND ANGULAR STUDIES OF /ARGON-DEUTERIUM POSITIVE MOLECULAR ION AND NITROGEN-DEUTERIUM POSITIVE MOLECULAR AFOSR67-1374
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES III THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH OXYGEN AFOSR67-0665
SYNTHESIS OF FINITE PASSIVE N-PORTS WITH PRESCRIBED POSITIVE REAL MATRICES OF SEVERAL VARIABLES RADC 67-0365
REACTION OF K PLUS PARTICLES WITH PROTONS INTO NEUTRAL K PLUS POSITIVE PION PLUS PROTONS AT 21.26 BEV/C AFOSR67-2340
LOWER BOUNDS FOR EIGENVALUES OF A QUADRATIC FORM RELATIVE TO A POSITIVE QUADRATIC FORM ARL 68-0274
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES II THE STRUCTURE OF THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH AFOSR67-0671
CONSECUTIVE ION-MOLECULE REACTIONS IN METHANE INVESTIGATED BY MEANS OF POSITIVE ION-IMPACT AFCLRL67-0059
LONGITUDINAL AND TRANSVERSE DIFFUSION COEFFICIENTS OF MASS IDENTIFIED N AND N2 POSITIVE IONS IN NITROGEN AFOSR68-2682
A SHORT-CUT METHOD OF COMPUTING THE BRUNE AND BRIT-DUFFIN CIRCUIT REALIZATIONS OF POSITIVE REAL BI-ORDER IMPEDANCE AFCLRL67-0136
ENERGETIC AND ANGULAR STUDIES OF /ARGON-DEUTERIUM POSITIVE MOLECULAR ION AND NITROGEN-DEUTERIUM POSITIVE MOLECULAR AFOSR67-1374

| | |
|---|--------------|
| POSITIVE-ENERGY | |
| POSITIVE-ENERGY PARTICLE MODELS WITH MASS SPLITTING | AFOSR66-1390 |
| POSITIVE-ION | |
| CHEMISTRY OF POSITIVE IONS VI POSITIVE-ION CHEMISTRY IN SOLID METHANE | AFOSR67-1232 |
| POSITIVE-REAL | |
| INTERPOLATION WITH POSITIVE-REAL FUNCTIONS | RADC 67-0070 |
| APPLICATION OF GENERALIZED FUNCTION THEORY TO NETWORK REALIZABILITY THEORY AND TIME DOMAIN SYNTHESIS OF POSITIVE-REAL | AFOSR66-0360 |
| POSITRON | |
| POSITRON ANNIHILATION IN METALS FINAL REPORT PER 1966 | AFOSR66-0318 |
| POLARIZED POSITRON ANNIHILATION IN FERROMAGNETIC NICKEL | AFOSR67-0444 |
| POSITRON-ELECTRON | |
| RELATIVISTIC POSITRON-ELECTRON BREMSSTRAHLUNG AT WIDE ANGLES A NUMERICAL CALCULATION | AFOSR67-1647 |
| POSITRONIUM | |
| POSITRONIUM FORMATION AND REACTIONS | AFOSR67-0062 |
| POSITRONIUM FORMATION AND INTERACTION IN GASES | AFOSR66-2587 |
| SYSTEMATIC POSITRONIUM CHEMISTRY | AFOSR66-2660 |
| POSSIBILITIES | |
| UNUSUAL POSSIBILITIES FOR THE POWERAMPHON | AFOSR66-2834 |
| LOCALIZED DIAGNOSTIC POSSIBILITIES OF SELECTIVE EXCITATION SPECTROSCOPY | AFOSR67-1622 |
| POSSIBLE | |
| POSSIBLE VANISHING OF STRONG INTERACTION CROSS-SECTION AT INFINITE ENERGIES | AFOSR67-0273 |
| POSSIBLE ONE-CHANNEL CASTILLEJO-DALITZ-DYSON POLES IN π AND SCATTERING | AFOSR67-0478 |
| POSSIBLE MODEL FOR A RAPIDLY PULSATING RADIO SOURCE | AFOSR66-1627 |
| POSSIBLE MEASUREMENT OF THE NUCLEON AXIAL-VECTOR FORM FACTOR IN TWO-PION ELECTROPRODUCTION EXPERIMENTS | AFOSR66-2269 |
| POSSIBLE CONFORM INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY | ARL 67-1331 |
| A POSSIBLE STRUCTURE FOR C-VIOLATING ELECTROMAGNETIC INTERACTIONS | AFOSR67-1357 |
| ALL POSSIBLE SYMMETRIES OF THE S MATRIX | AFOSR67-2501 |
| ON THE POSSIBLE ROLE OF DISLOCATIONS IN GENERATING ORDERED AND DISORDERED SHEAR STRUCTURES | AFOSR67-2170 |
| SATELLITE SCINTILLATION AT HIGH LATITUDES AND ITS POSSIBLE RELATION TO PRECIPITATION OF SOFT PARTICLES | AFOSR66-0285 |
| A FAST OPTICAL Cerenkov SYSTEM FOR DIRECTIONAL STUDIES OF POSSIBLE GAMMA-RAY SOURCES | AFOSR66-2725 |
| SPECTROSCOPIC CONSIDERATIONS OF CHROMIUM DOPED LITHIUM GERMANATE AS A POSSIBLE LASER MATERIAL | AFOSR66-0370 |
| POSTHYPNOTIC | |
| ON THE MECHANISMS OF POSTHYPNOTIC ANESTHESIA | AFOSR67-1646 |
| PARAMETERS OF HYPNOSIS WITH SPECIAL REFERENCE TO POSTHYPNOTIC ANESTHESIA AND HYPNOTIC ANALGESIA FINAL REPORT OCT 1966 | AFOSR66-1901 |
| POSTNIKOV | |
| POSTNIKOV INVARIANTS AND HIGHER ORDER COHOMOLOGY OPERATIONS | AFOSR67-1461 |
| POSTULATES | |
| NEUROPHARMACOLOGICAL STUDIES AND POSTULATES ON EXCITATION AND DEPRESSION IN THE CENTRAL NERVOUS SYSTEM | AFOSR67-1316 |
| POTASSIUM | |
| POTASSIUM HYPERFINE SPLITTING IN THE ESR SPECTRUM OF PYRENE ANIONS IN TETRAHYDROFURAN | AFOSR66-1255 |
| SOLID STATE STUDIES OF POTASSIUM POLYODENUM BRONZES | AFOSR67-2621 |
| THE CRYSTAL STRUCTURE OF POTASSIUM ALUMINATE | AFOSR67-1310 |
| RADIOFREQUENCY SOURCE OF POTASSIUM RESONANCE RADIATION FOR USE IN KILOGAUSS MAGNETIC FIELDS | AFOSR67-2637 |
| ANNULAR FLOW MGD DEVICE USING POTASSIUM GAS FINAL REPORT APRIL 1966 | AFOSR67-1156 |
| NON-EQUILIBRIUM IONIZATION IN A POTASSIUM GAS MGD DEVICE FINAL REPORT SEPT 1967 | AFOSR67-2176 |
| THE CHEMISTRY OF CARBANIONS IX THE POTASSIUM AND LITHIUM ENOLATES DERIVED FROM CYCLIC KETONES | AFOSR67-1427 |
| MICROAMPERE NEGATIVE HELIUM IONS USING POTASSIUM VAPOUR EXCHANGE | AFOS-66-0000 |
| THE KINETICS OF OXALATE ION PYROLYSIS IN A POTASSIUM BROMIDE MATRIX | AFOSR67-0561 |
| RELATIVE RATE CONSTANTS FOR ANODIC OXIDATIONS OF POTASSIUM ALKYL CARBOXYLATES | AFOSR66-2606 |
| ATOMIC READJUSTMENT TO AN INNER-SHELL VACANCY MANGANESE POTASSIUM X-RAY EMISSION SPECTRA FROM AN IRON SS POTASSIUM- | AFOSR67-1141 |
| HEATS OF FORMATION OF THE FLUORATES OF LITHIUM SODIUM AND POTASSIUM | AFOSR67-1985 |
| THE FLUOROSULFURIC ACID SOLVENT SYSTEM IV THE SOLUTES WATER AND POTASSIUM NITRATE | AFOSR67-0554 |
| COLLISIONAL DEPOLARIZATION OF MAGNETICALLY ORIENTED A SUPERSCRIPIT 2P POTASSIUM ATOMS | AFOSR66-1643 |
| MAGNETIC FIELD DEPENDENCE OF ULTRASONIC ATTENUATION OF SHEAR WAVES IN POTASSIUM | AFOSR67-0161 |
| PARAMAGNETIC RESONANCES OF COPPER IIIB MAGNESIUM OXIDE AT 1.62 DEGREES POTASSIUM | AFOSR67-0052 |
| ELECTRONIC STRUCTURE OF THE MANGANATE CHROMATE VANADATE ION FROM THE METAL POTASSIUM X-RAY SPECTRA | AFOSR67-0493 |
| LONGITUDINAL SOUND VELOCITIES OF GRANULAR COMPACTS OF AMMONIUM PERCHLORATE AND POTASSIUM CHLORIDE | AFOSR67-2036 |
| LOWER CASE M SUBSCRIPT J MIXING IN ORIENTED A SUPERSCRIPIT 2 P SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY COLLISIONS | AFOSR66-1073 |
| OPEN-SHELL HARTREE-FOCK MOLECULAR ORBITAL THEORY OF TRANSITION METAL ION COMPLEXES /KNIPSUBJ/ POTASSIUM NICKEL FLUORIDE | AFOSR67-1633 |
| ATOMIC READJUSTMENT TO AN INNER-SHELL VACANCY MANGANESE POTASSIUM X-RAY EMISSION SPECTRA FROM AN IRON SS POTASSIUM- | AFOSR67-1141 |
| POTASSIUM-AMINE | |
| UNSTABLE INTERMEDIATES PART XL SOLVATED ELECTRONS ELECTRON-CATION INTERACTIONS IN POTASSIUM-AMINE SOLUTIONS | AFOSR67-0191 |
| POTASSIUM-SEEDED | |
| ELECTROSTATIC PROBE MEASUREMENTS IN FLOWING SODIUM POTASSIUM-SEEDED ARGON | AFOSR66-2655 |
| POTEN | |
| MORSE FUNCTION AND VELOCITY-DEPENDENT NUCLEON-NUCLEON POTEN | AFOSR66-2488 |
| POTENTIAL | |
| POTENTIAL OF A CHARGED CYLINDER | AFOSR67-1867 |
| THE POTENTIAL OF PYROPHORICS | ARL 66-1434 |
| EXCHANGE POTENTIAL FOR NEARLY FREE ELECTRONS | ARL 67-0175 |
| ANHARMONIC POTENTIAL FUNCTIONS OF POLYATOMIC MOLECULES FINAL REPORT DEC 1967 | AFOSR66-0126 |
| INTRAMOLECULAR POTENTIAL PARAMETERS OF SOLID NEON AND ARGON | AFOSR67-1781 |
| INTERMOLECULAR POTENTIAL ENERGIES BY A MOLECULAR BEAM SCATTERING METHOD | AFOSR67-2011 |
| EXTINCT GHOSTS IN POTENTIAL THEORY | AFOSR67-0680 |
| MODIFIED INTERIOMIC POTENTIAL FOR THE ALKALI METALS | AFOSR66-0702 |
| REACTIVE INTERMEDIATES AND POTENTIAL CATALYSIS FINAL REPORT FEB 1967 | AFOSR67-0412 |
| AMPLITUDE CHANGES OF THE EEG POTENTIAL EVOKED BY GHOTIC STIMULI DURING SLEEP IN MAN /ITALIAN/ | AFOSR67-1855 |

POTENTIAL

- CONTINUED

SOME EXTENSIONS OF THE MANY-BODY POTENTIAL MODEL OF QUARK BINDING
SOME REMARKS ON AXIALLY-SYMMETRIC POTENTIAL THEORY
TEMPERATURE DEPENDENCE OF ATOM-ATOM POTENTIAL IN MOLECULAR CRYSTALS
SCATTERING FROM A SEPARABLE NON-LOCAL POTENTIAL
LEAST-SQUARES ADJUSTMENT OF ANHARMONIC POTENTIAL CONSTANTS APPLICATION TO CARBON DIOXIDE CONTAINING ISOTOPES 12 AND 13
FREQUENCY ANALYSIS OF THE LATE RECEPTOR POTENTIAL
GENERAL FORM OF THE STAFFORD VAN DER WAALS POTENTIAL
LOW ENERGY ELECTRONS ON A FIBRO LINE WITH A POTENTIAL MINIMUM
EQUATION OF STATE OF A MONATOMIC FLUID WITH 6-12 POTENTIAL
COMMENT ON THE DEVIATION FROM AN INVERSE SIXTH POWER POTENTIAL IN THE SCATTERING OF A POLAR MOLECULE BY NONPOLAR GASES
ROLE OF THE INTEGRAL OPERATOR METHOD IN THE THEORY OF POTENTIAL SCATTERING
BEHAVIOR OF THE SINGLE COMPONENTS OF THE VISUAL EVOKED POTENTIAL DURING SLEEP IN MAN/ITALIAN/
DETERMINATION OF THE FIRST DERIVATIVES OF THE DISTURBING POTENTIAL BY GREENS FUNDAMENTAL FORMULA
SOME OF THE LATEST DISCOVERIES IN II-VI LASERS AND THEIR POTENTIAL APPLICATION IN SUCH AREAS AS LOW INTENSITY RADAR
THE ONE PION EXCHANGE CONTRIBUTION TO THE WEAK PARITY VIOLATING NUCLEON-NUCLEON POTENTIAL
NONCORRELATION OF ANOMALOUS PLASMA TRANSPORT EQUILIBRIUM PLASMA DENSITY AND LOW-FREQUENCY POTENTIAL OSCILLATIONS IN A
STABILITY CONDITIONS FOR A OXON SYSTEM INTERACTING WITH A PARTLY REPULSIVE AND PARTLY ATTRACTIVE POTENTIAL
SELF-CONSISTENT DFW CALCULATION OF GASES USING BOTH SLATERS AND KOHN-SHAMS APPROXIMATIONS FOR THE EXCHANGE POTENTIAL

AFOSR68-1401
AFOSR67-0131
AFOSR68-0923
AFOSR68-0923
AFOSR68-0807
AFOSR68-2843
AFOSR68-1971
AFOSR67-0128
AFOSR67-2446
AFOSR67-2736
AFOSR67-1104
AFOSR67-1856
AFOSR67-0816
ARL 67-1313
AFOSR68-0569
AFOSR68-0741
AFOSR67-0597
ARL 68-1441

POTENTIALS

MODEL POTENTIALS AND THE DISPERSION LAW IN SOLID KRYPTON
MODEL POTENTIALS FOR THE MOLE GAS SOLIDS
USE OF MODEL POTENTIALS IN THE STUDY OF MOLECULAR HYDROGEN STATES
VISUAL EVOKED POTENTIALS AS RECORDED FROM THE SCALP AND FROM THE VISUAL CORTEX BEFORE AND AFTER SURGICAL REMOVAL OF
ON ELECTROSTATIC POTENTIALS AT THE ICE/WATER INTERFACE
GENESIS OF ACTION POTENTIALS IN EXCITABLE TISSUE'S FINAL REPORT MAY 1967
RECOVERY OF EVOKED POTENTIALS IN VISUAL SYSTEM FOLLOWING INTENSE STIMULATION
PREPARED OPTICAL ALPHA POTENTIALS FOR α ALPHA REACTION CALCULATIONS BY THE DISTORTED-WAVE BORN APPROXIMATION
BAND STRUCTURE DEFORMATION POTENTIALS AND EXCITON STATES IN SOLID XENON
SCATTERING FROM COULOMB-LIKE POTENTIALS WITHOUT DIVERGENCE OR CUTOFFS I FORMALISM GENERALIZED LIPPMANN-SCHWINGER
THE INVESTIGATION OF DOUBLE-MINIMUM POTENTIALS IN MOLECULES
PIZZO-OPTICAL CONSTANTS DEFORMATION POTENTIALS AND THE ELECTRONIC STRUCTURE OF COPPER
LEVEL OF CONSCIOUSNESS EEG AND EVOKED POTENTIALS IN MAN/FRENCH
BIPOLAR EXPANSION OF SCATTERED COULOMB POTENTIALS HELMHOLTZ SOLID HARMONICS AND THEIR ADDITION THEOREMS
THE SPATIAL VARIATION OF THE QUASI-FERMI POTENTIALS IN P-N JUNCTIONS
ON THE PHYSICAL REALITY OF ELECTROMAGNETIC POTENTIALS/
OFF-ENERGY-SHELL T-MATRIX ELEMENTS FOR LOCAL POTENTIALS CONTAINING HARD CORES
HYPERBOLIC UREA ITS EFFECTS ON CORTICAL AND SUBCORTICAL EVOKED POTENTIALS IN CAT
OXYGEN ACTIVITY GRADIENTS IN METAL OXIDES UNDER APPLIED ELECTRIC POTENTIALS AND THEIR INFLUENCE ON TRANSFERENCE NUMBER
MODIFIED BORN APPROXIMATION AND ELASTIC SCATTERING BY WEAK CENTRAL POTENTIALS

AFOSR67-1783
AFOSR68-1403
AFOSR68-1185
AFOSR67-1681
AFOSR69-1515
AFOSR67-1693
AFOSR67-1594
ARL 68-1488
AFOSR67-2764
AFOSR67-2031
AFOSR67-0015
AFOSR68-0723
AFOSR67-0504
AFOSR67-1243
AFOSR67-1151
AFOSR68-0064
AFOSR68-2273
AFOSR67-0722
ARL 68-1155
AFOSR68-2550

POTENTIATION

POTENTIATION OF TYRANINE EFFECT ON THE ISOLATED IRIS MUSCLE BY COCAINE

AFOSR68-2727

POTENTIOMETRIC

A CALOMETRIC AND POTENTIOMETRIC STUDY OF MERCURIC OXALIDE SYSTEMS AT 25 DEGREES CENTIGRADE IN THREE MOLAR SODIUM

AFOSR67-1312

POWDER

IMPROVED SLITS FOR X-RAY POWDER DIFFRACTOMETERS
RAY PROOF SLIT MOUNT FOR X-RAY POWDER DIFFRACTOMETERS
MAGNETIC RELAXATION PROPERTIES OF MAGNETITE POWDER DOWN TO LIQUID HELIUM TEMPERATURES
DETERMINATION OF APERTURES IN THE FOCUSING PLANE OF X-RAY POWDER DIFFRACTOMETERS
ANISOTROPIC MAGNETIZATION PROCESS AND MOSSBAUER EFFECT IN IRON POWDER
THE ABSORPTION AND EMISSION OF IMPURITY LINES FROM HOT COMPRESSED ARGON WITH A TRACE OF GRAPHITE POWDER

AFOSR67-0456
AFOSR67-0169
AFOSR67-0354
AFOSR67-0168
AFOSR68-0165
AFOSR68-2105

POWDERS

SINTERING CHARACTERISTICS OF ULTRAFINE PARTICLE CERAMIC POWDERS

ARL 68-1153

POWER

POWER FLOW FROM A SHORT ANTENNA IN A LOSSY UNIAXIAL MEDIUM
POWER AND PROGRESS IN REVOLUTIONIZING CHINA
POWER AND AFFECTIVITY IN THE SOCIALIZATION OF AIR FORCE ROTC CADETS
HIGH POWER OF PLASMA HEATING AND WAVE PROPAGATION NEAR THE FUNDAMENTAL AND HARMONICS OF THE ION CYCLOTRON FREQUENCY
HIGH POWER ELECTRIC PROPULSION ENGINES
HIGH POWER CRYOGENIC AND SUPERCONDUCTING MAGNET TECHNOLOGY
INPUT POWER INDUCED THERMAL EFFECTS RELATED TO TRANSITION TIME BETWEEN AVALANCHE AND SECOND BREAKDOWN IN P-N SILICON
SIZE AND POWER OF SOME TESTS UNDER EXPERIMENTAL HANDONIZATION
AFROSPACE POWER AND BEHAVIORAL KNOWLEDGE
RESEARCH ON POWER GENERATION ELECTRODYNAMIC ENERGY CONVERSION FINAL REPORT 15 APRIL 1966
SMALL SIGNAL POWER AND MOMENTUM THROUGH A MAGNETOELASTIC FERROMAGNET
THERMOELECTRIC POWER OF GERMANIUM EFFECT OF 2000-ATM PRESSURE
THERMOELECTRIC POWER AND ELECTRIC CONDUCTIVITY OF HgTe
EXCHANGE TENSILE POWER AND MOMENTUM FLOW AND STRESS IN A RIGID FERROMAGNET
DISTRIBUTION AND POWER OF THE ABSOLUTE NORMAL SCORES TEST
INVESTIGATION ON POWER GENERATION USING ELECTROFLUIDDYNAMIC PROCESSES
FAR-INFRARED LASER POWER MEASUREMENTS
MEDLEY TO TRANSDUCER POWER GAIN IN OPTIMALLY MATCHED NETWORKS
ELECTROFLUIDDYNAMIC POWER GENERATION: TRENDS AND EXPECTATIONS
IMPROVEMENT OF THE HIGH POWER CASCADE ARC CHAMBER
ELECTROFLUIDDYNAMIC FPD POWER GENERATION
ELECTROFLUIDDYNAMIC FPD POWER GENERATION
RADIATION HARDENED SILICON POWER TRANSISTORS
PROPAGATION OF LOW AND HIGH POWER RADIO WAVES IN IONIZED
A LARGE DYNAMIC RANGE MICROWAVE POWER MEASUREMENT SYSTEM EMPLOYING FEEDBACK
PRELIMINARY OBSERVATIONS ON THE POWER SPECTRUM OF THE HUMAN EEG /ITALIAN/
OUTLINE FOR ELECTROFLUIDDYNAMIC POWER GENERATION
OPTICAL RADIATION AND OPTICAL ROTATORY POWER OF DEHYDRONORCAMPHOR
TEMPERATURE MEASUREMENTS FROM A HIGH POWER ARGON ARC
A DEPENDENT LOCAL MAXIMUM OF THE OTM POWER DEVIATION ON AN INTERVAL P IS LESS THAN ONE
CHARACTERIZATION OF THE EXHONENTIAL AND POWER DISTRIBUTIONS
COMMENT ON THE DEVIATION FROM AN INVERSE SIXTH POWER POTENTIAL IN THE SCATTERING OF A POLAR MOLECULE BY NONPOLAR GASES
REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC POWER AT MOVING INTERFACES
NOTE ON THE GAUSSIAN CHANNEL WITH FEEDBACK AND A POWER CONSTRAINT
DERIVATION OF GENERAL EXPRESSIONS FOR QUANTUM AND POWER EFFICIENCIES FOR ATOMIC FLUORESCENCE OF ATOMS IN A HOT GAS
SOLUTION OF THE RESTRICTED PROBLEM OF THREE BODIES BY POWER SERIES
RELIABILITY AND OPTIMUM DESIGN OF THE INTERCONNECTIONS OF A POWER SYSTEM
METHODS FOR DETERMINATION OF TRANSFER COEFFICIENTS FROM HIGH POWER ARCS FINAL REPORT OCT 1967
AN EXPERIMENTAL COMPARISON OF STIMULUS AND RESPONSE TRANSLATED POWER FUNCTIONS FOR BRIGHTNESS
SOME RESULTS ON FINITE GROUPS WHOSE ORDER CONTAINS A PRIME TO THE FIRST POWER
IMPEDANCE-LOADED RECEIVING ANTENNAS WITH MINIMUM BACKSCATTERING AND MAXIMUM RECEIVED POWER

AFOSR68-0573
AFOSR67-0674
AFOSR68-1355
AFOSR67-0229
ARL 68-1074
ARL 68-1305
AFOSR67-0767
ARL 68-0179
AFOSR68-0631
ARL 67-0008
AFOSR67-0664
AFOSR67-1107
ARL 67-1249
AFOSR67-0755
AFOSR68-0205
ARL 67-1071
AFOSR67-1156
AFOSR68-2643
ARL 67-1079
ARL 68-0347
ARL 68-1391
ARL 68-1399
AFOSR68-0632
AFOSR68-0077
AFOSR67-0586
AFOSR68-0944
ARL 67-1077
AFOSR68-2234
ARL 67-0262
AFOSR68-1189
AFOSR68-0206
AFOSR67-2736
AFOSR68-2834
AFOSR68-1539
AFOSR67-1300
AFOSR67-1251
AFOSR67-1702
ARL 67-0219
AFOSR68-0949
AFOSR67-0365
AFOSR68-0583

POWER-ASSOCIATIVE

POWER-ASSOCIATIVE ALGEBRAS IN WHICH EVERY SUBALGEBRA IS AN IDEAL AFOSR67-1249

POWERED

INVESTIGATION OF POWERED LIGHTER-THAN-AIR VEHICLE'S FINAL REPORT NOV 1968 AFCL 66-0826
OPTIMIZATION PROBLEMS IN POWERED SPACE FLIGHT AFOSR67-0246

POWERS

A CASCADE ARC CHAMBER FOR VERY HIGH POWERS ARL 66-0343
ON THE MINIMIZATION OF THE PRODUCT OF THE POWERS OF SEVERAL INTEGRALS AFOSR67-2827
DRAG MINIMIZATION AS THE EXTREMIZATION OF PRODUCTS OF POWERS OF INTEGRALS AFOSR67-0937

PRACTICAL

TEMPERATURE TRANSFORMATIONS A PRACTICAL CHOICE AFOSR67-1842
ACTIVE NETWORK SYNTHESIS USING PRACTICAL AMPLIFIERS AFOSR67-0390

PRACTICES

A STATISTICAL SUMMARY OF SOLAR FLARE REPORTS AND OBSERVATORY PRACTICES FOR THE PERIOD 1955 - 1964 AFCL 67-0108

PRANDTL

INJECTION EFFECTS IN HIGH PRANDTL NUMBER BOUNDARY-LAYER FLOWS AFOSR66-2620
EFFECT OF THE REDUCTION OF THE PRANDTL IN THE STAGNATION REGION PAST AN AXISYMMETRIC BLUNT BODY IN HYPERSONIC FLOW AFOSR66-2086
ASYMPTOTIC BEHAVIOR OF VELOCITY PROFILES IN THE PRANDTL BOUNDARY LAYER THEORY AFOSR66-2111
EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS ARL 66-1316
EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS ARL 66-1318
EXPERIMENTAL STUDIES OF FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS ARL 66-1321
NON-LINEAR HEAT TRANSFER BETWEEN TWO PARALLEL PLATES ACCORDING TO A MODEL WITH CORRECT PRANDTL NUMBER AFOSR67-1916

PRANDTL-NEVEY

GENERALIZED PRANDTL-NEVEY WALLS IN RELAXATION HYDRODYNAMICS AFOSR67-1992

PRANDTL

ON THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER THEORY AN EXAMPLE AFOSR66-2033
CONSIDERATIONS REGARDING THE MATHEMATICAL BASIS FOR PRANDTL'S BOUNDARY LAYER THEORY AFOSR66-1914

PRE-ARY

PRE-ARY AFCL 67-0536

PRE-IONIZING

STUDIES ON AN INERT GAS DISK HALL GENERATOR WITH AN UPSTREAM PRE-IONIZING DISCHARGE ARL 66-1020

PRECIPITATES

STRENGTHENING OF SAPPHIRE BY PRECIPITATES CONTAINING TITANIUM AFOSR67-1654
SUPERPARAMAGNETIC MAGNETOFERRITE PRECIPITATES FROM DILUTE SOLUTIONS OF IRON IN MAGNESIUM OXIDE AFOSR67-2756

PRECIPITATION

PRECIPITATION STRENGTHENING IN AL-MG-ZR ALLOYS ARL 67-1156
AURORAL-ZONE ELECTRON PRECIPITATION ACCOMPANYING A SUDDEN IMPULSE IN THE GEOMAGNETIC FIELD AFOSR67-1389
STUDIES OF THE FORMATION OF PRECIPITATION IN CONVECTION AFOSR67-0199
INTERRELATION BETWEEN α & β ZONES PRECIPITATION AND STRENGTHENING IN ALUMINUM-ZINC ALLOYS ARL 66-1161
A CLIMATOLOGY OF VERY HIGH ALTITUDE RADAR PRECIPITATION ECHOES AFOSR66-0630
OBSERVATIONS OF LARGE-SCALE COHERENT PULSATING ELECTRON PRECIPITATION EVENTS IN THE AURORAL ZONE ACCOMPANIED BY AFOSR67-1314
SATELLITE SCINTILLATION AT HIGH LATITUDES AND ITS POSSIBLE RELATION TO PRECIPITATION OF SOFT PARTICLES AFOSR66-0285

PRECISE

PRECISE DETERMINATION OF GEODETIC POSITIONS BY THE METHOD OF CONTINUOUS TRACES FINAL REPORT AFCL 67-0558
PRECISE RELATIONS BETWEEN THE SPECTRA OF VECTOR AND AXIAL -VECTOR NEUTRONS AFOSR67-1441
PRECISE ATOMIC MASS DIFFERENCES INVOLVING ISOTOPES OF MO SM CD AND PB AFOSR67-1745
THE USE OF PRECISE SCHOTTKY DATA IN THE ANALYSIS OF THE METAL-VACUUM SURFACE BARRIER FOR THERMIONIC EMITTERS I- AFOSR67-0149
AN APPARATUS FOR THE PRECISE DETERMINATION OF LIFETIMES OF ATOMIC STATES AFOSR66-1767

PRECISION

PRECISION MEASUREMENT OF DIPOLE MOMENTS AND OTHER SPECTRAL CONSTANTS OF NORMAL AND DEUTERATED METHYL FLUORIDE AND AFOSR67-0385
ULTRA PRECISION BASE LINE MEASUREMENT PROGRAM FINAL REPORT FEB 1967 AFCL 67-0162
A HIGH PRECISION LOGARITHMIC AMPLIFIER USING SAMPLING TECHNIQUES AFOSR66-0191
REFLECTIONS FROM ROTARY-VANE PRECISION ATTENUATORS AFOSR67-1654
CALIBRATION AND USE OF AN ELECTRON MICROSCOPE FOR PRECISION MICROMEASUREMENTS IN THIN FILM MATERIALS AFOSR67-1933
OPTIMIZATION OF THE CRITICAL INSTRUMENTAL PARAMETERS FOR ACHIEVING MAXIMUM SENSITIVITY AND PRECISION IN AFOSR66-0354

PRECOOLING

USE OF NEON EXCHANGE GAS FOR PRECOOLING HELIUM CRYSTATS AFOSR67-1709

PRECURSOR

ELASTIC PRECURSOR DECAY IN QUARTZITE FOR CYLINDRICAL AND SPHERICAL FLOW AFOSR66-1134
SHOCK WAVE PRECURSOR MEASUREMENTS PART I ONE-DIMENSIONAL THEORY OF ELECTROSTATIC PROBES IN UNSTEADY CONDITIONS WITH AFOSR66-1747
SHOCK WAVE PRECURSOR MEASUREMENTS PART II EXPERIMENTAL APPARATUS AND AIR TEST RESULTS AFOSR66-1772
INVESTIGATION OF PRECURSOR DECAY IN IRON BY THE ARTIFICIAL VISCOSITY METHOD AFOSR66-1005

PRECOGNITION

PRECOGNITION -TYPING A PILOT STUDY IN SEMANTIC ANALYSIS AFOSR66-0765

PREDICTABILITY

TASK PREDICTABILITY AND THE DEVELOPMENT OF TRACKING SKILL UNDER EXTENDED PRACTICE AFOSR67-1008

PREDICTABLE

HOW PREDICTABLE ARE NEGOTIATIONS AFOSR66-0006

PREDICTION

PREDICTION OF A NOISE-DISTORTED MULTIVARIATE NON-STATIONARY SIGNAL
 PREDICTION OF INCIDENT SEPARATION IN SHOCK-LAYER INTERACTIONS
 PREDICTION OF SHOCK SHAPES
 AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS USING THE TURBULENT KINETIC ENERGY EQUATION
 STUDIES IN THE DYNAMICAL PREDICTION AND INTERPRETATION OF WEATHER SYSTEMS FINAL REPORT OCT 1968
 AN EXPERIMENT IN NUMERICAL PREDICTION IN EQUATORIAL LATITUDES
 LOW-ORDER LINEAR FILTERING AND PREDICTION OF NONSTATIONARY RANDOM SEQUENCES FINAL REPORT PER 1967
 THE CORRELATION BETWEEN OBSERVATION AND PREDICTION IN NUCLEOSYNTHESIS
 COMMENT ON PAPER BY C. LOMITZ /STATISTICAL PREDICTION OF EARTHQUAKES/
 THE INFLUENCE OF RADII BRIGHTNESS TEMPERATURE ON SOLAR FARE PREDICTION
 SMOOTHING EFFECT OF THE TURBULENCE TERM IN OBJECTIVE ANALYSIS AND NUMERICAL PREDICTION

AFOSR66-1428
 ARL 67-0091
 ARL 67-1253
 AFOSR66-1568
 AFOSR66-0841
 AFOSR66-0453
 SRL 67-0003
 AFOSR67-0843
 AFOSR66-0147
 AFOSR67-0870
 AFOSR66-0289

PREDICTIONS

ADVANCES IN MOLECULAR BIOLOGY AND PREDICTIONS FOR 2000 A.D.
 THE ROLE OF LITERATURE, THEORY AND PREDICTIONS IN CHEMISTRY

ARL 66-1010
 ARL 66-1011

PREDICTIVE

PREDICTIVE MODEL FOR INTRAGROUP NEGOTIATION FINAL REPORT MAY 1968
 STABILITY ANALYSIS OF PREDICTIVE CONTROL SYSTEMS

AFOSR66-0957
 AFOSR67-1336

PREDICTOR

AN AUTOMATIC STOCHASTIC PREDICTOR
 A SIMPLE EXAMPLE OF AN EXPLICIT NONLINEAR MMSE PREDICTOR

AFOSR66-0773
 AFOSR66-2261

PREDICTORS

CLIMATIC NORMALS AS PREDICTORS PART I BACKGROUND
 CLIMATIC NORMALS AS PREDICTORS PART I MEDIAN VS MEAN

AFOSR67-0313
 AFOSR66-0958

PREDOMINANTLY

PREDOMINANTLY ELECTROMAGNETIC AIR SHOWERS OF ENERGY 10-14 EV TO 10-16 EV

AFOSR66-2866

PREFERENCE

PREFERENCE FOR AND NEURAL GUSTATORY RESPONSE TO SODIUM SALTS IN RATS

AFOSR67-2623

PREFERENCE-AVERSION

PREFERENCE-AVERSION FUNCTION FOR SODIUM MONOAMINOCARBOXYLATES IN RATS

AFOSR67-2383

PREFERENTIAL

PREFERENTIAL SOLVATION OF CO SUP R 2 PLUS AND NI SUPER 2 PLUS IONS IN MIXED SOLVENTS NMR METHODS
 KINETIC ORDER WITH RESPECT TO SOLVENT ACID HYDROLYSIS AND PREFERENTIAL SOLVATION OF THE REINECKATE ION

AFOSR66-2809
 AFOSR66-0174

PREFERRED

PREFERRED OPTICAL ALPHA POTENTIALS FOR O. ALPHA REACTION CALCULATIONS BY THE DISTORTED-WAVE BORN APPROXIMATION
 A NOTE ON TIME SHARING WITH PREFERRED CUSTOMERS

ARL 66-1485
 AFOSR66-0947

PREGNANCY

SLEEP IN PREGNANCY EVIDENCE OF FOETAL-SLEEP CHARACTERISTICS

AFOSR67-2570

PRELIMINARY

PRELIMINARY DEPTH CONTOUR MAPS FOR THE CONRAD AND MONO DISCONTINUITIES IN EUROPE
 PRELIMINARY REPORT ON THE THERMODYNAMIC PROPERTIES OF SELECTED LIGHT-ELEMENT AND SOME RELATED COMPOUNDS
 PRELIMINARY RESULTS OF A NEW FORMULATION OF THE HYPERSONIC LEADING EDGE FLOW PROBLEM
 PRELIMINARY STUDY OF THE AFTERSHOCKS IN THE CENTRAL ANDES
 PRELIMINARY RESULTS OF AN INVESTIGATION OF CRUSTAL STRUCTURE IN SOUTHEASTERN EUROPE
 PRELIMINARY COMMUNICATION GENERATION OF FLUOROCARBON CARBENE BY THE MERCURIAL ROUTE
 PRELIMINARY OBSERVATIONS ON THE POWER SPECTRUM OF THE HUMAN EEG /ITALIAN/
 PRELIMINARY REPORT ON CHINESE COMMUNIST INDOCTRINATION OF MILITARY PRISONERS OF WAR
 PRELIMINARY RESULTS FROM THE SYDNEY UNIVERSITY GIANT AIR SHOWER RECORDER
 PRELIMINARY ANALYTICAL EXPLORATIONS OF HEAT TRANSFER FROM BOUNDARY LAYERS CONTAINING STREAMWISE VORTICES, FINAL REPORT
 PRELIMINARY CALCULATIONS OF LOCAL MODES IN COS
 A PRELIMINARY REPORT ON DOPPLER RADAR OBSERVATION OF TURBULENCE IN A THUNDERSTORM
 A PRELIMINARY MICROWAVE ATTENUATION CLIMATOLOGY FOR THE MONTREAL AREA BASED ON WEATHER RADAR DATA
 A PRELIMINARY SKETCH OF FORMULA ALGOL
 FULLY AUTOMATED NETWORK DESIGN BY DIGITAL COMPUTER PRELIMINARY CONSIDERATIONS
 STUDY OF SCIENTIFIC AND TECHNICAL DATA ACTIVITIES IN THE UNITED STATES VOLUME II PART C PRELIMINARY CENSUS OF

AFOSR67-0492
 AFOSR67-0891
 AFOSR67-1936
 AFOSR67-2070
 AFOSR67-2158
 AFOSR66-0322
 AFOSR66-0944
 AFOSR66-1410
 AFOSR66-1905
 ARL 67-0280
 ARL 67-1321
 AFOSR67-0015
 AFOSR66-0165
 AFOSR67-2207
 AFOSR66-2078
 AFOSR66-1403

PREMIXED

A STUDY OF THE PREMIXED FLAME OF CYANOGEN-OXYGEN-BORON TRICHLORIDE AS A LUMINOUS SOURCE

ARL 66-1074

PRENYLAMINE

THE INTERFERENCE OF TETRAEQUAZINE BENZQUINAMIDE AND PRENYLAMINE WITH THE ACTION OF RESERPINE

AFOSR66-0603

PREPARATION

PREPARATION AND INVESTIGATION OF HIGH-STRENGTH WIRES
 PREPARATION OF ORIENTED MERCURY SINGLE CRYSTALS
 PREPARATION AND STRUCTURE OF A TETRAMERIC CYCLOPENTADIENYLIRON SULFIDE
 PREPARATION AND PROPERTIES OF MONOSUBSTITUTED TRIETHYLAMINE-BORANES
 PREPARATION OF PHENYL-N-SULFINYLHYDRAZINES USING DIMETHYLFORMAMIDE-SULFUR DIOXIDE REAGENT
 PREPARATION AND STRUCTURE OF /CH3SUB3SEFUR2/CD/SUB6 SUR2S/ AN ORGANOMETALLIC COMPLEX CONTAINING A TETRAHEDRAL-LIKE
 PREPARATION OF 5,5-DIMETHYLBENZOSILOLE
 PREPARATION OF THIN SECTIONS BY ION REMOVAL METHOD FOR TRANSMISSION ELECTRON MICROSCOPY
 PREPARATION OF THIN SECTION FOR TRANSMISSION ELECTRON MICROSCOPY
 THE PREPARATION AND STRUCTURE OF ZIRCONIA SPHERES
 THE PREPARATION OF 1,2 AND 1,3 CIS DIALKYLDIHYDRODIAMINE CHROMIUM HALIDE COMPLEXES BY THE THERMAL MATRIX METHOD
 RESEARCH ON THE PREPARATION OF PURE METALS FINAL REPORT FEB 1968
 A NEW ROUTE TO THE PREPARATION AND CONFIGURATIONAL CORRELATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES
 CYCLOPROPANONES--VIII PREPARATION AND CHARACTERIZATION OF CYCLOPROPANONE METHYLCYCLOPROPANONE 2
 POLYFLUORINATED AROMATIC ESTERS PREPARATION AND CARBONYL STRETCHING FREQUENCIES
 ORGANOMETALLIC SULFUR COMPLEXES XI PREPARATION AND STRUCTURE OF A PENTAMERIC MERCAPTOCOBALT CARBONYL COMPLEX
 HALOMETHYL METAL COMPOUNDS XIII THE PREPARATION OF GEM-DIFLUOROCYCLOPROPANES BY IODIDE ION INDUCED CP2 TRANSFER FROM
 REACTIONS OF ALKALI METAL DERIVATIVES OF METAL CARBONYLS VIII PREPARATION PROTONATION AND ALKYLATION OF SODIUM

AFML 67-0035
 AFOSR67-0195
 AFOSR67-0723
 AFOSR67-0768
 AFOSR67-1185
 AFOSR67-1659
 ARL 67-0221
 ARL 67-0249
 ARL 67-1150
 AFOSR67-1358
 AFOSR67-1597
 AFOSR66-1490
 AFOSR66-0161
 AFOSR67-2379
 AFOSR66-2586
 AFOSR67-1987
 AFOSR66-2735
 AFOSR67-2680
 AFOSR67-0602

PREPARATION - CONTINUED

| | |
|---|--------------|
| HALOPHTHAL-METAL COMPOUNDS VI PHENYL /DITHALOMETHYL/ MERCURY COMPOUNDS THEIR PREPARATION AND SOME CLEAVAGE REACTIONS | AFOSR67-0111 |
| PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY | ARL 66-0260 |
| PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY | ARL 66-0263 |
| IMPERATIONS | |
| ELECTROLYTIC GROWTH AND PREPARATIONS OF TRANSITION METAL COMPOUND SINGLE CRYSTALS | APRL 67-0730 |
| PREPARING | |
| LAPPING MACHINE ATTACHMENT FOR PREPARING ORIENTED CRYSTALS | ARL 66-0248 |
| PROPORTIONS | |
| A SEMANTIC ANALYSIS OF ENGLISH LOCATIVE PREPOSITIONS | AFCL67-0056 |
| PREPROCESSING | |
| NONLINEAR PREPROCESSING OF INPUTS TO LINEAR NEURAL NETS | AFOSR67-0054 |
| PRESCRIBED | |
| COMMITATORS OF MATRICES WITH PRESCRIBED DETERMINANT | AFOSR68-0042 |
| SYNTHESIS OF FINITE PASSIVE N-PORTS WITH PRESCRIBED POSITIVE REAL MATRICES OF SEVERAL VARIABLES | RADC 67-0368 |
| SPONTANEOUS EMISSION IN THE PRESENCE OF A PRESCRIBED CLASSICAL FIELD | AFCL67-0510 |
| A FREE BOUNDARY PROBLEM FOR THE HEAT EQUATION WITH PRESCRIBED FLUX AT BOTH FIXED FACE AND MELTING INTERFACE | AFOSR67-1361 |
| ELEMENT STIFFNESS-MATRICES FOR BOUNDARY COMPATIBILITY AND FOR PRESCRIBED BOUNDARY STRESSES | AFOSR67-1940 |
| SINGLE TIE AND DI TWO-PORTS RESISTIVELY TERMINATED AND HAVING A PRESCRIBED DRIVING-POINT IMITTANCE | AFCL67-0430 |
| PRESENCE | |
| ANTENNA PROPERTIES IN THE PRESENCE OF ANISOTROPIC IONIZED MEDIA FINAL REPORT JUNE 1967 | AFCL67-0675 |
| SPONTANEOUS EMISSION IN THE PRESENCE OF A PRESCRIBED CLASSICAL FIELD | AFCL67-0510 |
| ANTENNA RADIATION PROPERTIES IN PRESENCE OF ANISOTROPIC PLASMAS | AFCL67-0623 |
| NORMAL THRESHOLD BEHAVIOR IN THE PRESENCE OF ANOMALOUS THRESHOLDS | AFOSR67-0072 |
| STUDIES OF ANTENNA BEHAVIOR IN THE PRESENCE OF A PLASMA SHEATH INCLUDING EFFECTS OF FORCED CONVECTION | AFCL67-0100 |
| THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELD I GENERAL THEORY | ARL 67-0150 |
| THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELDS II LOWEST ORDER CORRECTIONS | ARL 67-0158 |
| RADIATION PATTERNS OF A SLOT ANTENNA IN THE PRESENCE OF A BREAKDOWN SHEATH | AFCL68-0601 |
| STUDIES OF GUIDED ELECTROMAGNETIC WAVES IN THE PRESENCE OF AXIALLY NONUNIFORM OR RANDOM PERTURBATIONS | AFCL67-0200 |
| DETECTION OF MERCURIC CYANIDE AND ALKALI HALIDES IN PRESENCE OF ALKALI CYANIDE | ARL 67-0097 |
| NATURAL CONVECTION FROM A HORIZONTAL CYLINDER IN THE PRESENCE OF A SOUND FIXED GIVING LARGE STREAMING REYNOLDS NUMBERS | ARL 68-0044 |
| DESIGN FOR MAINTENANCE OF THE SYSTEM BANDWIDTH IN THE PRESENCE OF PARAMETER CHANGES FINAL REPORT MAR 1967 | ARL 67-0087 |
| RADIOLYSIS OF NEUTRAL AQUEOUS SOLUTIONS OF CYSTEINE IN THE PRESENCE OF OXYGEN | AFOSR68-2519 |
| A NEW REACTION OF THIONYL CHLORIDE WITH A CARBOXYLIC ACID IN THE PRESENCE OF A TERTIARY AMINE AN X-RAY | AFOSR67-2857 |
| PRESSURE DISTRIBUTION ON A CONE-CYLINDER-FLARE BODY AT MACH 14 IN THE PRESENCE OF FLOW SEPARATION FINAL REPORT FEB | ARL 68-0032 |
| THE PRINCIPLE OF EXCHANGE OF STABILITIES IS THE ONSET OF CONVECTION IN THE PRESENCE OF ROTATION | AFOSR67-2554 |
| NUCLEAR EXPLOSIONS IN A IONOSPHERE WITH FINITE ELECTRIC CONDUCTIVITY IN THE PRESENCE OF A UNIFORM MAGNETIC FIELD | AFOSR68-0148 |
| THE THERMAL DECOMPOSITION OF ORGANOMETALLIC HEAVY METAL TRIHALOACETATES IN THE PRESENCE OF OLFPINS | AFOSR68-1911 |
| RADIATIVE TRANSFER II THE ITERATION OF THE MONOCHROMATIC SOURCE FUNCTION IN THE PRESENCE OF SCATTERING | AFOSR68-2653 |
| INTERACTION OF AN HIGH CURRENT ELECTRICAL DISCHARGE WITH ITS SELF-INDUCED MAGNETIC FIELD IN THE PRESENCE OF GAS FLOW | ARL 67-0107 |
| PRESENT | |
| THE PRESENT STATE OF PLASMA KINETIC THEORY | AFOSR67-0985 |
| PAST, PRESENT AND FUTURE RESEARCH IN Q-MACHINE PLASMAS | ARL 68-1441 |
| PAST VERSUS PRESENT WIND ACTION IN THE MOJAVE DESERT REGION CALIFORNIA | AFCL67-0683 |
| PRESANTATION | |
| PRESENTATION OF ASPECTS OF CURRENT STATISTICAL RESEARCH | ARL 67-1019 |
| MATRIX PRODUCTS AND THE EXPLICIT 1 A 0 AND 12-J COEFFICIENTS OF THE REGULAR PRESENTATION OF SU-N | AFOSR68-1005 |
| ANALYSIS AND SIMULATION OF WDM-SELECTION PROCEDURES IN FRONT-FRE COMMUNICATION SYSTEMS PART II - PRESENTATION AND | AFCL67-0504 |
| PRESENTED | |
| ROCS OBTAINED WITH TWO SIGNAL INTENSITIES PRESENTED IN RANDOM ORDER AND A COMPARISON BETWEEN YES-NO AND RATING ROCS | AFOSR68-2678 |
| PRESERVATION | |
| A NOTE ON PRESERVATION OF LANGUAGES BY TRANSLUCERS | AFCL67-0364 |
| PRESERVE | |
| CLOSURES WHICH PRESERVE FINITENESS IN FAMILIES OF LANGUAGES | AFCL67-0665 |
| PRESS | |
| PRESS AND JOURNALS IN COMMUNIST CHINA | AFOSR67-0965 |
| COMPUTATION IN LINGUISTICS A CASE FROM INDIANA UNIVERSITY PRESS BLOOMINGTON 1966 FINAL REPORT 1966 | AFOSR67-0525 |
| MATHEMATICAL THEORY OF SWITCHING CIRCUITS AND AUTOMATA UNIVERSITY OF CALIF PRESS 1968 FINAL REPORT SEPT 1968 | AFOSR68-2318 |
| DIFFUSION OF ABSTRACTING AND INDEXING SERVICES FOR GOVERNMENT-SPONSORED RESEARCH SCARECROW PRESS INC METUCHEN N J 1968 AFOSR68-0437 | |
| FUNDAMENTALS OF GAS-SURFACE INTERACTIONS SYMP SAN DIEGO CALIF 14-16 DEC 1966 NEW YORK ACADEMIC PRESS 1967 FINAL REPORT AFOSR67-2450 | |
| PRESSURE | |
| PRESSURE BROADENING AND SHIFT OF METHANE PERTURBED BY NOBLE GASES | AFCL68-0421 |
| PRESSURE SHEETS OF IMPURED LINES LOW LOW-TEMPERATURE SPECTRA OF MOLECULES AND TECHNIQUES OF INTERFERENCE SPECTROSCOPY | AFCL68-0490 |
| PRESSURE DERIVATIVES OF THE SOUND VELOCITIES OF POLYCRYSTALLINE FORSTERITE WITH 6 PER CENT POROSITY | AFOSR67-1227 |
| PRESSURE DEPENDENCE OF VAPORIZED WATER FUEL REGRESSION RATES | AFOSR67-1902 |
| PRESSURE DEPENDENCE OF DIELECTRIC CONSTANT AND DENSITY OF LIQUIDS | AFOSR68-1074 |
| PRESSURE DEPENDENCE OF ELECTROLYTIC CONDUCTANCE REPORT JULY 1969 | AFOSR68-1617 |
| PRESSURE BROADENING EFFECTS ON THE OUTPUT OF A GAS LASER | AFOSR68-1978 |
| PRESSURE DEPENDENCE OF VISCOSITY LIQUID DODRIN TRIOXIDE | AFOSR68-2766 |
| PRESSURE SHIFT OF THE CY LEVELS IN AL SUB 2 O SUB 3 | ARL 67-0073 |
| PRESSURE DISTRIBUTION ON A CONE-CYLINDER-FLARE BODY AT MACH 14 IN THE PRESENCE OF FLOW SEPARATION FINAL REPORT FEB | ARL 68-0032 |
| PRESSURE DISTRIBUTION ON A CONE-CYLINDER-FLARE BODY AT MACH 14 IN THE PRESENCE OF FLOW SEPARATION FINAL REPORT FEB | ARL 68-0032 |
| AIR PRESSURE DEPENDENCE OF COSMIC RAY INTENSITY METHODS AND RESULTS OF A STATISTICAL ANALYSIS OF NEUTRON MONITOR DATA | AFCL67-0212 |
| THE PRESSURE AND THE INTERNAL STRUCTURE OF EARTH /SPANISH/ | AFOSR67-1539 |
| THE PRESSURE FIELD AND THE INTERNAL CONSTITUTION OF THE EARTH | AFOSR68-1110 |
| LOW PRESSURE MEASUREMENTS IN HYPERSONIC WIND TUNNELS | ARL 67-1149 |
| LOW PRESSURE MEASUREMENTS IN A HYPERSONIC WIND TUNNEL | ARL 68-0004 |
| HIGH PRESSURE HIGH TEMPERATURE CRYSTAL GROWTH SYSTEM | AFCL67-0656 |
| HIGH PRESSURE DEPTHY SUPERCONDUCTIVITY | AFOSR67-2409 |
| HIGH PRESSURE HEAT EXCHANGER | ARL 68-0307 |
| HIGH PRESSURE ARGON ARCS | ARL 68-1023 |

PRESSURE - CONTINUED

SOCIAL PRESSURE IN THE MODIFICATION AND DISTORTION OF JUDGMENT
 CONSTANT PRESSURE PLANE CALORIMETRY WITH FLUORINE II THE HEAT OF FORMATION OF OXYGEN DIFLUORIDE
 (1) SOUND PRESSURE LEVELS AND SPECTRA FROM FIRING A CLASS OF SOVIET ROCKETS
 EFFECT OF PRESSURE ON THE DIFFUSION OF IRON IN TITANIUM TITANIUM PLUS TEN PERCENT IRON
 RADIATION PRESSURE ON A CONDUCTING SPHERE
 EFFECT OF PRESSURE ON CONDUCTANCE III TETRAISODAMMONIUM PICRATE ANISOLE
 EFFECT OF PRESSURE ON CONDUCTANCE IV IONIC ASSOCIATION AND VALON PRODUCTS IN ETHANOL
 THE VAPOR PRESSURE VAPOR DIFFUSION AND HEAT OF SUBLIMATION OF ALUMINUM FLUORIDE USING THE ENTRAINMENT METHOD
 COMBUSTION PRESSURE OSCILLATIONS IN AN UNMIXED GAS ROCKET MOTOR
 EFFECTS OF PRESSURE ON THE TRANSPORT OF IONS THROUGH ROTATING HELIUM II
 EFFECTS OF PRESSURE ON THE HOPPING PROCESS SMALL POLARON
 THE VELOCITY, PRESSURE AND TEMPERATURE DISTRIBUTION IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO DIMENSIONAL
 SURVEY OF HIGH PRESSURE ELECTRIC ARC TECHNOLOGY
 HEAT TRANSFER AND PRESSURE DROP IN FINE GENERATED SWIRL FLOW
 LINE INTENSITY AND PRESSURE BROADENING STUDIES IN HYDROGEN FLUORIDE-AND OTHER PROBLEMS IN INFRARED SPECTROSCOPY FINAL
 DEVELOPMENT OF A HIGH PRESSURE TIME-OF-FLIGHT MASS SPECTROMETER FOR IONMOLECULE REACTION STUDIES
 ADAPTATION BETWEEN THE PRESSURE AND THE WIND FIELD IN MISO-AND SMALL-SCALE MOTIONS
 HYPERSONIC WIND TUNNEL PRESSURE MEASUREMENTS
 ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
 CHARACTERISTICS OF A HIGH PRESSURE A.C. ARC HEATER SYSTEM. FINAL REPORT DEC 1967
 ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
 MEASUREMENT OF FLOW RATE AND PRESSURE OF GASES IN FLAME SPECTROMETRY
 EVALUATION OF THE PACE KPI000 PRESSURE TRANSDUCER FOR USE IN A HYPERSONIC WIND TUNNEL
 GASKEETING MEDIA AT ULTRA-HIGH PRESSURE
 GASKEETING MEDIA AT ULTRA-HIGH PRESSURE FINAL REPORT JUNE 1967
 SELF-DIFFUSION IN TIN AT HIGH PRESSURE
 ANALYSIS AND DESIGN OF A HIGH PRESSURE A.C. ARC HEATER. FINAL REPORT DEC 1967
 MAGNETIZATION MEASUREMENTS AND PRESSURE DEPENDENCE OF THE CURIE POINT OF THE PHASE TRI SCANDIUM - INDINIIDE
 HEAT CAPACITY OF ALPHA URANIUM AT A PRESSURE OF 10 KBAR BETWEEN 0.3 AND 6 DEGREES K
 DIAGNOSTIC TECHNIQUES FOR ATMOSPHERIC PRESSURE ARCS
 DIAGNOSTIC TECHNIQUES FOR ATMOSPHERIC PRESSURE ARC PLASMAS
 ON THE INTERACTION OF A FINITE AMPLITUDE PRESSURE PULSE WITH A COMBUSTION REGION
 PLANAR FREE TURBULENT MIXING WITH AN AXIAL PRESSURE GRADIENT
 RECOVERY OF ROCKSALT STRUCTURE COS TO ROOM PRESSURE
 SPECTROGRAPHIC OBSERVATIONS OF A VERY HIGH PRESSURE NITROGEN PLASMA
 BUCKLING OF CYLINDRICAL PANELS UNDER LATERAL PRESSURE
 PARTIAL DERIVATIVE OF T SUB C WITH RESPECT TO PRESSURE FOR TECHNETIUM AND A COMMENT ON ITS SIGN IN RELATION TO THE
 RESPONSE OF A THIN ELASTIC PLATE TO A MOVING PRESSURE POINT
 PROOFING THE ELECTRONIC PROPERTIES OF CRYSTALS BY PRESSURE
 ROCKET ANTENNA MULTIPACTOR BREAKDOWN UNDER DYNAMIC PRESSURE CONDITIONS
 THERMOELECTRIC POWER OF GERMANIUM EFFECT OF 2000-ATM PRESSURE
 A MODIFIED TIME-OF-FLIGHT MASS SPECTROMETER FOR HIGH PRESSURE STUDIES OF IONIC REACTIONS
 PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM THE EFFECT OF PRESSURE ON THE PROPERTIES OF THE NEGATIVE ION
 SUPERCONDUCTIVITY OF ALPHA-URANIUM AND URANIUM COMPOUNDS AT HIGH PRESSURE
 BREAKDOWN MECHANISMS FOR LASER-INDUCED DISCHARGES IN SUPER- HIGH PRESSURE GASES
 INDEX OF REFRACTION OF ISO-PENTANE AND Mesitylene AS FUNCTION OF PRESSURE
 DISCUSSION ON A CHAMBER TO MEASURE ION NUMBER DENSITIES UNDER LOW PRESSURE AND SUPERSONIC SPEED
 THERMOGRAVIMETRIC DETERMINATION OF THE COMPOSITION-DRYGEN PARTIAL PRESSURE DIAGRAM OF MUSTITE /FE SUB IV/
 THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE
 THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE FINAL REPORT FEB 1968
 ENERGY DISTRIBUTION IN ELECTRONICALLY EXCITED CH AND CARBON IN LOW PRESSURE HYDROCARBON FLAMES
 SUPERCONDUCTIVITY OF RHENIUM AND SOME RHENIUM-OSMIUM ALLOYS AT HIGH PRESSURE
 LASER INDUCED ELECTRICAL BREAKDOWN AND SHOCK DYNAMICS IN SUPER-HIGH PRESSURE GASES
 THEORETICAL AND EXPERIMENTAL STUDIES AT HIGH MASS FLOW RATES IN HIGH PRESSURE CONSTRICTED ARCS
 OHMS LAW IN MULTICOMPONENT NONISOTHERMAL PLASMAS WITH TEMPERATURE AND PRESSURE GRADIENTS
 SUPERCONDUCTIVITY OF LANTHANUM AND LANTHANUM COMPOUNDS AT ZERO AND HIGH PRESSURE
 MACH-ZENNDER OPTICAL INTERFEROMETRY OF LASER INDUCED DISCHARGES IN HIGH PRESSURE GASES
 THE INFLUENCE OF DAMPING ON THE SHAPING OF A SHALLOW ARCH UNDER A STEP PRESSURE LOAD
 ELASTIC BUCKLING AND PLASTIC COLLAPSE OF CIRCULAR TUBES UNDER HYDROSTATIC PRESSURE
 FINITE DEFORMATION OF A CYLINDRICAL MEMBRANE LOADED BY A UNIFORM INTERNAL PRESSURE AND AN AXIAL LOAD
 SYSTEM FOR MEASURING MICROGRAM WEIGHT CHANGES UNDER CONTROLLED OXYGEN PARTIAL PRESSURE TO 100DEGREES C
 ANALYSIS OF SHORT VIB-STIFFENED SANDWICH SHELL WITH CLOSED ENDS UNDER EXTERNAL PRESSURE
 AN EXPERIMENTAL STUDY OF SOME BASE INJECTION TECHNIQUES AND THE EFFECT OF LARGE PRESSURE GRADIENTS ON TURBULENT
 THE CONVERSION OF CUBIC TO HEXAGONAL SILICON CARBIDE AS A FUNCTION OF TEMPERATURE AND PRESSURE
 INVESTIGATION OF STRONG BLAST WAVES AND THE DYNAMICS OF LASER INDUCED PLASMAS IN HIGH PRESSURE GASES
 A STUDY OF THE STRUCTURE OF THE TURBULENT BOUNDARY LAYER WITH AND WITHOUT LONGITUDINAL PRESSURE GRADIENTS
 HYPERSONIC FLOW OF BLUNT DELTA WINGS AT LOW ANGLES OF ATTACK I SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION
 INVERSION OF THE ECCENTRICITY EFFECT IN STIFFENED CYLINDRICAL SHELLS BUCKLING UNDER EXTERNAL PRESSURE
 INFLUENCE OF IN-PLANE BOUNDARY CONDITIONS ON THE STABILITY OF CONICAL SHELLS UNDER HYDROSTATIC PRESSURE

PRESSURE-FLOW

THE PRESSURE-FLOW RELATIONSHIP IN LONG-WAVE PROPAGATION IN LARGE ARTERIES

PRESSURE-FRSE

DYNAMICS OF PRESSURE-FREE MATTER IN GENERAL RELATIVITY

PRESSURE-TEMPERATURE

PRESSURE-TEMPERATURE EFFECTS ON CHARGE TRANSPORT IN TRANSITION-METAL OXIDES FINAL REPORT MAY 1968

PRESSURES

VAPOR PRESSURES, HEATS OF VAPORIZATION, AND HEATS OF SUBLIMATION OF VOLATILE LANTHANIDE CHELATES
 ON LIQUID DROPLET COMBUSTION AT HIGH PRESSURES
 PHYSICAL PROPERTIES OF SOLIDS AT HIGH PRESSURES FINAL REPORT APRIL 1968
 LATTICE DEFECTS IN STAINLESS STEEL SHOCK-LOADED TO PRESSURES ABOVE 1 MEGABAR
 INVESTIGATION OF NEGATIVE ION REACTIONS AT ELEVATED PRESSURES IN A TIME-OF-FLIGHT MASS SPECTROMETER
 SHEAR STRENGTH OF TWELVE GROSSLY DEFORMED METALS AT HIGH PRESSURES AND TEMPERATURES
 RESEARCH ON COMBUSTION PROCESSES AT HIGH SPEED AND AT LOW PRESSURES FINAL REPORT DEC 1967
 PHOTOCHEMICAL IGNITION OF GASEOUS FUEL-OXIDIZER MIXTURES AT SUBATMOSPHERIC PRESSURES
 CHANGE OF TRANSITION TEMPERATURES OF ANTIFERROMAGNETIC CRYSTALS AS A FUNCTION OF HIGH HYDROSTATIC PRESSURES
 MODIFICATION OF A TIME-OF-FLIGHT MASS SPECTROMETER FOR INVESTIGATION OF ION-MOLECULE REACTIONS AT ELEVATED PRESSURES

PRESSUREZPD

LEAK DETECTION OF LARGE PRESSURIZED SPHERICAL BALLOONS FINAL REPORT APR 1968

PRESSTRESSED

STRESS WAVE PROPAGATION IN A PRESTRESSED MEDIUM FINAL REPORT OCT 1967

PRESYNAPTIC

MODULATION OF TRANSMISSION OF OPTIC NERVE IMPULSES IN THE ALERT CAT EVIDENCE OF PRESYNAPTIC INHIBITION OF PRIMARY

OPTICAL
 OPTICAL REGION AND OPTIC REFLEX /ITALIAN/ AFO3868-1991
 OPTODIAPHS ARL 68-1443
 OPTODIAPHS THEORY OF NON-EQUILIBRIUM STATISTICAL MECHANICS
 OPTIC
 OPTIC PROCESSES IN THE PHOTOCHEMISTRY OF BICYCLIC AZO COMPOUNDS AFO3868-1917
 OPTIC PHOTOCHEMICAL PROCESSES IN SOME SIMPLE AROMATIC MOLECULES AFO3868-2011
 THE PRIMARY ENERGY SPECTRUM FROM 70×10 SUPER 14 EV - 4 X AFO3868-0185
 THE PRIMARY COSMIC-RAY ELECTRON ENERGY SPECTRUM FROM 10 TO 40 MEV AFO3868-0707
 STUDIES OF PRIMARY COSMIC RAYS IN THE ENERGY REGION 10-14 EV TO 10-17 EV /BOLIVIAN AIR SHOWER JOINT EXPERIMENT/ AFO3868-0186
 NOTION OF THE PRIMARY ENERGY SPECTRUM AFO3868-2866
 MEASUREMENT OF PRIMARY AND ALBEDO COSMIC RAYS ON A POLAR ORBITING SATELLITE AFO3867-2526
 LOW-ENERGY HEAVY PRIMARY PARTICLES IN COSMIC RADIATION AFO3867-1885
 SINGLE-UNIT ACTIVITY IN THE PRIMARY AUDITORY CORTIX OF UNANESTHETIZED CATS AFO3868-1987
 IMPROVED CATHODE SYSTEMS FOR HIGH-ENERGY PRIMARY BATTERIES AFCL68-0205
 THE EFFECT OF A VELOCITY DISPERSION OF THE PRIMARY PARTICLES ON AURORAL LIGHT AND X-RAY PULSATIONS AFO3868-2758
 REPRESENTATION OF A MINIMAL STIMULI BY SINGLE UNITS IN PRIMARY AUDITORY CORTIX OF UNANESTHETIZED CATS AFO3868-2778
 THE TROPICAL UPPER TROPOSPHERIC TROUGH AS A SECONDARY SOURCE OF TYPHOONS AND A PRIMARY SOURCE OF TRADEWIND AFCL67-0503
 TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED MO 110 SURFACE FOR LOW PRIMARY ENERGIES ARL 68-0318
 TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED MO 110 SURFACE FOR LOW PRIMARY ENERGIES ARL 68-1220
 MODULATION OF TRANSMISSION OF OPTIC NERVE IMPULSES IN THE ALERT CAT: EVIDENCE OF PRESYNAPTIC INHIBITION OF PRIMARY AFO3867-0557
 OPTIC
 SPATIAL REMAPPING IN THE PRIMATE VISUAL SYSTEM AFO3868-2748
 ANALYSIS OF BRAIN WAVE RECORDS FROM GEMINI FLIGHT GT-7 BY COMPUTATIONS TO BE USED IN A THIRTY DAY PRIMATE FLIGHT AFO3867-1881
 OPTIC
 PERFORMANCE AND BIOCHEMICAL RESPONSES RELATED TO SOCIAL CHANGES VERSUS CHEMOTHERAPY IN NONHUMAN PRIMATES /RHESUS ARL 67-0023
 PRIME
 PRIME-SYMMETRIC GRAPHS WITH A PRIME NUMBER OF POINTS AFO3867-0894
 SOME RESULTS ON FINITE GROUPS WHOSE ORDER CONTAINS A PRIME TO THE FIRST POWER AFO3867-0305
 ON THE THEORY OF BOOLEAN FORMULAS SUBSTITUTION REPLACEMENTS AND PRIME FORMULAS AFCL67-0551
 ON THE SIGMOIDAL LAW RELATING ASSOCIATION VALUE /ALPHA/ AND SCALED MEANINGFULNESS /N PRIME/ AFO3868-0824
 PRIMES
 ON A FORM REPRESENTING A LARGE COLLECTION OF PRIMES AFO3867-2153
 ON THE LEFT-HANDED RIGHT-HANDED AND TWO-SIDED PRIMES AFO3868-0769
 PRINCIPAL
 PRINCIPAL SUBMATRICES 3 LINEAR INEQUALITIES AFO3868-1633
 PRINCIPAL SUBMATRICES II THE UPPER AND LOWER QUADRATIC INEQUALITIES AFO3868-1955
 PRINCIPAL SUBMATRICES V SOME RESULTS CONCERNING PRINCIPAL SUBMATRICES OF ARBITRARY MATRICES AFO3868-2246
 THE SPAN AND PRINCIPAL FUNCTIONS IN RIEMANNIAN SPACES AFO3868-2616
 PRINCIPAL SUBMATRICES V SOME RESULTS CONCERNING PRINCIPAL SUBMATRICES OF ARBITRARY MATRICES AFO3868-2366
 DISCONJUGATE N-TH ORDER DIFFERENTIAL EQUATIONS AND PRINCIPAL SOLUTIONS AFO3868-0445
 PRINCIPLE
 THE PRINCIPLE OF EXCHANGE OF STABILITIES II THE ONSET OF CONVECTION IN THE PRESENCE OF ROTATION AFO3867-2654
 WACHS PRINCIPLE AND GENERAL RELATIVITY ARL 68-1089
 A MAXIMUM PRINCIPLE OF THE PONTRYAGIN TYPE FOR SYSTEMS DESCRIBED BY NONLINEAR DIFFERENCE EQUATIONS AFO3867-0776
 A MAXIMUM PRINCIPLE FOR NONLINEAR PARABOLIC EQUATIONS AFO3868-1906
 FOKKER ACTION PRINCIPLE AND THE HYDRODYNAMIC NOTION AFO3867-1843
 AN INVARIANCE PRINCIPLE IN THE THEORY OF STABILITY AFO3868-0307
 A VARIATIONAL PRINCIPLE AND THE CONVERGENCE OF A FINITE-ELEMENT METHOD BASED ON ASSUMED STRESS DISTRIBUTION AFO3868-0384
 KORN VARIATIONAL PRINCIPLE FOR THREE-PARTICLE SCATTERING AFO3867-2814
 DERIVATION OF THE PRINCIPLE OF COMPENSATION OF DANGEROUS DIAGRAMS AFO3868-1066
 THE CORRESPONDENCE PRINCIPLE OF LINEAR VISCOELASTICITY THEORY FOR MIXED BOUNDARY VALUE PROBLEMS INVOLVING AFO3868-1643
 ON THE BOUNDARY PRINCIPLE FOR ELLIPTIC EQUATIONS IN THE PLANE AFO3868-2608
 A REMARK ON THE BANG-BANG PRINCIPLE FOR LINEAR CONTROL SYSTEMS IN INFINITE-DIMENSIONAL SPACE AFO3868-0768
 BEST ENERGY CRITERION AND THE PRINCIPLE OF COMPENSATION OF DANGEROUS DIAGRAMS AFO3867-1281
 SYSTEM IDENTIFICATION AND THE PRINCIPLE OF RANDOM CONTRACTION MAPPING AFO3868-1794
 COMPLEMENTARY FORMS OF THE VARIATIONAL PRINCIPLE FOR HEAT CONDUCTION AND CONVECTION AFO3868-0994
 ON A NEW COMPUTING TECHNIQUE IN OPTIMAL CONTROL THEORY AND THE MAXIMUM PRINCIPLE AFO3868-0919
 ON THE CLASSIFICATION OF SINGULAR AND NONSINGULAR EXTREMALS FOR THE PONTRYAGIN MAXIMUM PRINCIPLE AFO3867-1257
 PRESSURE-VOLUME-TEMPERATURE RELATIONS IN THE SYSTEM METHANE-TETRAFLUOROMETHANE I GAS DENSITIES AND THE PRINCIPLE OF AFO3868-1231
 PRINCIPLES
 PRINCIPLES OF CONCURRENT COMMUNICATION AFO3867-0632
 DESIGN PRINCIPLES FOR AN ON-LINE INFORMATION RETRIEVAL SYSTEM AFO3867-0423
 SYMMETRY PRINCIPLES AT HIGH ENERGY FIFTH CORAL GARLES CONFERENCE JANUARY 24-26 1968 CORAL GARLES FLORIDA 33124 AFO3868-1619
 METEOROLOGICAL PRINCIPLES OF INFORMATION STORAGE AND RETRIEVAL AFO3868-0774
 ON THE VARIATIONAL PRINCIPLES FOR PDE VALUES FOR A CLASS OF UNBOUNDED OPERATORS AFO3868-0623
 ON THE SEARCH FOR VARIATIONAL PRINCIPLES AFO3867-1084
 AN EMULATION OF SOME VERTEBRATE COMMAND AND CONTROL PRINCIPLES AFO3868-2603
 GEOMORPHOLOGY OF THE MIDCONTINENT REGION UNITED STATES PART I SCOPE METHODS AND PRINCIPLES PART 2 NORTHERN AREA PART 3 AFO3867-0314
 AN EXPLICIT DETERMINATION OF THE FIFTY SPACE-TIMES ON WHICH THE WAVE EQUATION SATISFIES HUYGENS PRINCIPLES ARL 67-1329
 PRINTED
 APPLICATION OF LINEAR GRAPH THEORY TO PRINTED CIRCUITS AFO3868-2129
 PRINT
 APPENDIX TO A PRIORI ESTIMATES FOR SOLUTIONS OF THE MINIMAL SURFACE EQUATION AFO3868-1844
 PRISM
 DIELECTRIC OPTICAL RESONATORS AND PRISM BEAM-WAVEGUIDES AFO3867-0232
 PRISMS
 ELECTRO-OPTIC DEFLECTION WITH DATIO SURF PRISMS AFO3867-0345

PRISONER

AN ANNOTATED BIBLIOGRAPHY ON PRISONER INTERROGATION COMPLIANCE AND RESISTANCE
NOTES ON THE PHYSICAL STATE OF THE PRISONER OF WAR AS IT MAY AFFECT BRAIN FUNCTION

AFOSR68-1406
AFOSR68-1407

PRISONERS

PRISONERS IN THE COLD WAR HOSTAGE ACTORS IN LOYALTY PLAYS
PRELIMINARY REPORT ON CHINESE COMMUNIST INDOCTRINATION OF MILITARY PRISONERS OF WAR

AFOSR68-1409
AFOSR68-1410

PROBABILISTIC

PROBABILISTIC ASPECT OF THE BASIC LIMITATIONS IN IMAGE DETECTION.
A PROBABILISTIC APPROACH TO THE PARAMETER SENSITIVITY PROBLEM
FEASIBILITY OF USING LINEAR PATTERN CLASSIFIERS FOR PROBABILISTIC PATTERN CLASSES
ON THE UPPER BOUND OF THE PROBABILITY OF ERROR OF A LINEAR PATTERN CLASSIFIER FOR PROBABILISTIC PATTERN CLASSES

ARL 68-0287
AFOSR68-0377
AFOSR67-0863
AFOSR68-1306

PROBABILITIES

PROBABILITIES IN QUANTUM MECHANICS
ERROR PROBABILITIES IN PCM/FM WITH PHASE-LOCK LOOP DISCRIMINATORS
TRANSITION PROBABILITIES OF THE HYDROGEN ATOM FROM NONCOMPACT DYNAMICAL GROUPS
SURJECTIVE PROBABILITIES INFERRED FROM ESTIMATES AND BETS
ESTIMATING PROBABILITIES
CALCULATION OF TRANSITION PROBABILITIES FROM NONCOMPACT DYNAMICAL GROUPS
A NONLINEAR MODEL FOR ESTIMATING PROBABILITIES OF K EVENTS
CALCULATION OF RELATIVISTIC TRANSITION PROBABILITIES AND FORM FACTORS FROM NONCOMPACT GROUPS
WKB CALCULATION OF VIBRATIONAL TRANSITION PROBABILITIES IN MOLECULAR COLLISIONS
ON THE WKB EVALUATION OF VIBRATIONAL TRANSITION PROBABILITIES
TEMPERATURE DEPENDENCE OF VIBRATIONAL TRANSITION PROBABILITIES IN WATER-WATER COLLISIONS
INFLUENCE OF WEAK SOLVENT-SOLUTE INTERACTIONS ON RADIATIONLESS TRANSITION PROBABILITIES

AFOSR67-2312
AFOSR67-0430
AFOSR67-2091
AFOSR68-0362
AFOSR68-1338
AFOSR67-2110
AFOSR68-1541
AFOSR67-2188
AFOSR68-2253
AFOSR68-1570
AFOSR68-1573
AFOSR68-0803

PROBABILITY

PROBABILITY DENSITIES WITH GIVEN MARGINALS
PROBABILITY AND STATISTICS FINAL REPORT DEC 1964
ON THE PROBABILITY OF INTRAMOLECULAR ENERGY TRANSFER IN POLAR MOLECULES
MAXIMUM PROBABILITY ESTIMATORS
INCLUSION - PROBABILITY - OPTIMAL CONTROL
INTRODUCTION TO PROBABILITY AND STATISTICS
ANALYTICAL METHODS IN PROBABILITY THEORY
LOWER BOUNDS TO ERROR PROBABILITY FOR CODING ON DISCRETE MEMORYLESS CHANNELS II
INTENSIVE RESEARCH IN PROBABILITY THEORY
ON THE EVOLUTION OF THE PROBABILITY DISTRIBUTION AND OF THE CORRELATION FUNCTIONS IN A ROGOLUBOV PLASMA
SAMPLING DISTRIBUTIONS AND PROBABILITY REVISIONS
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME V WEATHER MODIFICATION
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME I THEORY OF STATISTICS
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART I PROBABILITY
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART II PROBABILITY
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME III PHYSICAL SCIENCES
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME IV BIOLOGY AND PROBLEMS
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART I PROBABILITY
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART II PROBABILITY

AFOSR68-2239
AFOSR68-2815
AFOSR68-0719
AFOSR68-1538
AFOSR67-1229
ARL 67-1256
AFOSR67-1100
AFOSR68-2019
AFOSR68-2025
ARL 67-0103
AFOSR68-1188
AFOSR68-2095
AFOSR68-2090
AFOSR68-2091
AFOSR68-2092
AFOSR68-2093
AFOSR68-2094
AFOSR68-2091
AFOSR68-2092

PROBE

Cooled PROBE DIAGNOSTICS OF DENSE PLASMA MIXING AND HEAT TRANSFER PROCESSES
ELECTRON PROBE ANALYSIS OF SEMICONDUCTORS FINAL REPORT SPRT
ELECTROSTATIC PROBE MEASUREMENTS IN FLOWING SODIUM POTASSIUM-SEFORD ANION
METROLOGICAL PROBE PWN-RR QUALIFICATION PROGRAM FINAL REPORT FEB 1968
SIMPLE MOVABLE PROBE FOR VACUUM
SIMPLE MOVABLE PROBE FOR VACUUM
A FAST RECOVERY PROBE AND RECEIVER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
THEORY OF LANGMUIR PROBE CHARACTERISTICS FOR A COLLISION DOMINATED PARTIAL IONIZED GAS FINAL REPT FEB 1967
A SIMONIC D-REGION PROBE EXPERIMENT USING AN ULTRAVIOLET SOURCE TO PRODUCE IONS AND FREE ELECTRONS
FORWARD EFFECT AS A PROOF OF THE DISPERSION RELATION OF ELECTRONS IN GAPLESS SUPERCONDUCTORS
COOLED ELECTROSTATIC PROBE
A TRANSIENT FIBER OPTICS PROBE FOR SPACE RESOLVED DIAGNOSTICS OF DENSE PLASMAS
KINETIC THEORY OF A SPHERICAL ELECTROSTATIC PROBE IN A STATIONARY PLASMA
SECONDARY ELECTRON EMISSION IN THE ELECTRON PROBE
FIELD DISTRIBUTION IN COS AS DETERMINED BY AN OPTICAL PROBE
AN EVALUATION OF ABSORPTION CORRECTION FUNCTIONS FOR ELECTRON PROBE MICROANALYSIS

ARL 67-1236
AFOSR67-2830
AFOSR68-2555
AFOSR68-0132
ARL 68-0150
ARL 68-0168
AFOSR68-0931
AFAL 67-0001
AFOSR67-0050
AFOSR67-0039
ARL 67-0244
AFOSR67-0834
AFOSR67-1897
AFOSR67-2829
AFOSR67-0359
AFOSR68-1868

PROBES

LANGMUIR PROBES FOR DETERMINING IONOSPHERIC PARTICLE DENSITIES AND TEMPERATURES
MINIATURE PROBES FOR THE INSTANTANEOUS MEASUREMENT OF ENTHALPY IN ARC JETS FINAL REPORT SEP 1967
COMMENT ON THE USE OF LANGMUIR PROBES FOR LOW-DENSITY PLASMA DIAGNOSTICS
SMALL SHIELDED THERMOCOUPLE TOTAL TEMPERATURE PROBES
SPURIOUS SECOND HARMONICS FROM MODULATED LANGMUIR PROBES
TELEMETRY COMMAND AND REASON ANTENNAS FOR VARIOUS AIR FORCE ROCKETS PROBES AND SATELLITES FINAL REPORT JAN 1967
SHOCK WAVE PRECURSOR MEASUREMENTS PART I ONE-DIMENSIONAL THEORY OF ELECTROSTATIC PROBES IN UNSTEADY CONDITIONS WITH

AFOSR68-0306
ARL 67-0181
ARL 68-0094
ARL 69-0108
AFAL 67-0323
AFOSR67-0110
AFOSR68-1747

PROBING

PROBING THE ELECTRONIC PROPERTIES OF CRYSTALS BY PRESSURE

ARL 68-1387

PROBLEM

THE PROBLEM OF MULTIPARAMETER ADAPTIVE SYSTEMS HAVING SPECIFIED POLES AND ZEROS
THE PROBLEM OF A CYLINDER ROTATING IN A RAREFIED GAS
THE PROBLEM OF THE EXPERIMENTAL CONFIRMATION OF LANDAU DAMPING
THE PROBLEM OF SCATTERING BY MAGNETIC IMPURITIES IN METALS
ON THE PROBLEM OF QUANTUM INTERFERENCE FINAL REPORT JUNE 1968
ON THE PROBLEM OF RECONSTRUCTING A TOURNAMENT FROM SUBTOURNAMENTS
ON THE PROBLEM OF DESCRIBING THE GRAMMAR OF NATURAL LANGUAGES
ON THE PROBLEM OF MULTIPLE SOLUTIONS IN THE CALCULATION OF FORCE CONSTANTS BY LEAST-SQUARES
ON THE PROBLEM OF HEAT CONDUCTION IN A CONTINUOUS CYLINDER FINAL REPORT APRIL 1967
HURRAHS PROBLEM OF THREE BODIES
SATURATION PROBLEM OF A SUM RULE OF SCALAR AND PSEUDOSCALAR SPECTRAL FUNCTIONS
STUDIES IN PROBLEM SOLVING SUBJECT 3 ON THE CRYPT- ARITHMETIC TASK DONALD PLUS GERALD EQUALS ROBERT
FEE NUCLEON PROBLEM THE NEUTRON PLUS HELIUM A PROCESS INCLUDING COUPLING TO THE D PLUS T PROCESS IN THE 20 MINUS NEV
THE GOURAY PROBLEM FOR THE PARTIAL DIFFERENTIAL EQUATION USUALLY EQUALS F A MIRAGE
ON THE PROBLEM FOR A COMPACT INTEGRAL OPERATOR
AN IDEALIZED PROBLEM WITH K2-LAYER APPLICATIONS
EXTREMIZATION PROBLEM IN CURRENT-ALGEBRA CALCULATIONS OF THE PI PI SCATTERING LENGTHS
THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION WITH INFINITE DATA
THE DIRICHLET PROBLEM FOR NON-UNIFORMLY ELLIPTIC EQUATIONS

AFOSR67-0765
AFOSR67-1915
AFOSR68-0636
AFOSR68-1888
AFOSR68-0338
AFOSR67-0733
AFOSR67-2344
AFOSR68-0296
ARL 67-0068
AFOSR67-2160
AFOSR67-1817
AFOSR67-2169
AFOSR67-0672
AFOSR67-1471
AFOSR67-2500
AFOSR67-0174
AFOSR67-1393
AFOSR68-0251
AFOSR68-0731

THE DIRICHLET PROBLEM FOR QUASILINEAR EQUATIONS WITH MANY INDEPENDENT VARIABLES
 THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION IN HIGHER DIMENSIONS
 DIFFUSION AS A PROBLEM OF STATISTICAL PATH
 THERMAL ESCAPE PROBLEM II TRANSITION DOMAIN IN SPHERICAL GEOMETRY
 A FREE BOUNDARY PROBLEM FOR THE HEAT EQUATION WITH PRESCRIBED FLUX AT BOTH FIXED FACE AND MELTING INTERFACE
 THE PURE PALLADIUM PROBLEM
 NUCLEAR THREE-BODY PROBLEM FINAL REPORT OCT 1968
 CONTRIBUTIONS TO A PROBLEM OF D. VAN DANTZIG
 ON THE COEFFICIENT PROBLEM FOR UNIVALENT FUNCTIONS
 THEORY OF MANY BODY PROBLEM AND PARTICLE PHYSICS FINAL REPORT JAN 1968
 A MULTIPLE SCATTERING PROBLEM
 APPROACH TO THE N-BODY PROBLEM WITH HARD SPHERE INTERACTION APPLIED TO THE COLLISION DOMAINS OF THREE BODIES
 GENERALIZED RIEMANN PROBLEM AND RELATED EIGENVALUE PROBLEMS
 ORBITS IN THE COPENHAGEN PROBLEM ASYMPTOTIC AT $LSUB4$ AND THEIR GENEALOGY
 ON THE ANALYSIS OF HUMAN PROBLEM SOLVING PROTOCOLS
 THE FIRST BOUNDARY VALUE PROBLEM FOR CERTAIN LINEAR ELLIPTIC DIFFERENTIAL EQUATIONS INVOLVING TWO SMALL PARAMETERS
 AN APPROACH TO HEURISTIC PROBLEM SOLVING AND THEOREM PROVING IN THE PROPOSITIONAL CALCULUS
 SOLUTION OF THE RESTRICTED PROBLEM OF THREE BODIES BY POWER SERIES
 SUFFICIENCY PROOFS FOR THE PROBLEM OF THE OPTIMUM TRANSVERSAL CONTOUR
 N/D SOLUTION OF THE N-POLY PROBLEM
 ON THE EXTERIOR STATIONARY PROBLEM FOR THE NAVIER-STOKES EQUATIONS AND ASSOCIATED PERTURBATION PROBLEMS
 SOME RESULTS IN A THEORY OF PROBLEM SOLVING
 A NOTE ON THE THERMOELASTIC PROBLEM FOR A PENNY-SHAPED CRACK
 SOME RESULTS IN A THEORY OF PROBLEM SOLVING /PART II/
 SOLUTION OF THE DISCONTINUITY PROBLEM BETWEEN AN EMPTY RECTANGULAR WAVEGUIDE AND THE SAME GUIDE COMPLETELY FILLED WITH
 THE RIEMANN BOUNDARY VALUE PROBLEM AS APPLIED TO A MEMBRANE HAVING AN IRREGULAR SHAPE FINAL REPORT AUG 1967
 THE HIGH RACH NUMBER RAYLEIGH PROBLEM ACCORDING TO THE KROOK MODEL
 COMPLETE SOLUTION OF A GENERAL PROBLEM OF THREE BODIES
 A REMARK ON THE SINGULAR CAUCHY PROBLEM FOR ALL VALUES OF THE TIME FOR THE EULER-POISSON-DARROUX EQUATION
 SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE MATHEMATICAL
 THEORY OF ORBITS THE RESTRICTED PROBLEM OF THREE BODIES
 ON THE DEGENERACY OF THE REPLER PROBLEM
 SOLUTION TO THE PHENOMENOLOGICAL PROBLEM OF A MAGNETIC LINE SOURCE ABOVE A PLANE STRUCTURE THAT SUPPORTS N-EXCITED
 SOLUTION OF THE TRANSONIC AIRFOIL PROBLEM THROUGH PARAMETRIC DIFFERENTIATION
 NEW SOLUTIONS TO THE SIGNAL DESIGN PROBLEM FOR COHERENT CHANNELS
 ON REPRESENTATIONS AND MODELING IN PROBLEM SOLVING AND ON FUTURE DIRECTIONS FOR INTELLIGENT SYSTEMS
 SOLUTION OF THE EXCHANGE-SCATTERING PROBLEM WITHOUT INADMISSIBLE COMPLEX POLES
 A CONTRIBUTION TO THE SIGNAL-DESIGN PROBLEM FOR INCOHERENT PHASE COMMUNICATION SYSTEMS
 THE UNSOLVABILITY OF THE EQUIVALENCE PROBLEM FOR A-FREE NONDETERMINISTIC GENERALIZED MACHINES
 ON SOLUTIONS ORBITS IN THE RESTRICTED PROBLEM OF THREE BODIES
 APPROACH TO THE THREE-BODY SCATTERING PROBLEM
 THE STRUCTURE OF THE OPTIMAL TRACKING PROBLEM FOR DISTRIBUTED-PARAMETER SYSTEMS
 UNIQUENESS OF SOLUTIONS OF THE CAUCHY PROBLEM FOR PARABOLIC EQUATIONS
 ANALYTICAL TREATMENT OF THE EXPLOSION PROBLEM
 INTERPOLATION OF THE DIRICHLET DIVISOR PROBLEM
 SOLUTION OF THE GEODETIC BOUNDARY-VALUE PROBLEM IN CASE OF A REFERENCE ELLIPSOID
 APPROXIMATIVE SOLUTION OF AN EIGENVALUE PROBLEM OF THE HELMHOLTZ EQUATION USING LIE SERIES
 AN APPROACH TO THE BOUND-STATE THREE-BODY PROBLEM WITH APPLICATION TO THE HELIUM-LIKE ATOM
 HOW NATURE HAS SOLVED A DIFFICULT OPTICAL PROBLEM /SWEDISH/
 THE HYPERSONIC SLIPPER HEARING--A TEST TRACK PROBLEM
 GROUND STATE OF THE KONDO MANY-BODY SCATTERING PROBLEM
 LINEAR SOLUTIONS OF THE GEODETIC BOUNDARY-VALUE PROBLEM
 SOME LIMITING CASES OF THE RESTRICTED FOUR-BODY PROBLEM
 OPTIMAL MATCHING A NEW APPROACH TO THE MATCHING PROBLEM FOR REAL LINEAR TIME-INVARIANT ONE-PORT NETWORKS
 SOLUTION OF THE CLASSICAL POINT SOURCE EXPLOSION PROBLEM ON THE IBM 1670 AND 7094
 DISJOINTNESS IN ERGODIC THEORY MINIMAL SETS AND A PROBLEM IN DIOPHANTINE APPROXIMATION
 BOUNDED-INPUT/BOUNDED-OUTPUT STABILITY FOR THE LURE PROBLEM
 AN APPROXIMATION TO BOUNDED PHASE COORDINATE CONTROL PROBLEM FOR LINEAR DISCRETE SYSTEMS
 THE HULFMAN-NUCLEON SCATTERING LENGTH THE THREE-BODY PROBLEM AND CHARGE SYMMETRY
 A PROBABILISTIC APPROACH TO THE PARAMETER SENSITIVITY PROBLEM
 ITERATIVE COMPUTATION PROCEDURES FOR AN OPTIMUM CONTROL PROBLEM
 CONSIDERING STATISTICAL AND TIME AVERAGES IN A REGULATION PROBLEM
 ON THE USE OF THE TERRAIN CORRECTION IN SOLVING MOLODENSEVSKY'S PROBLEM
 EVIDENCE FOR A SINGLE GROUND STATE IN THE MAGNETIC IMPURITY PROBLEM
 EXISTENCE AND NONUNIQUENESS OF RECTANGULAR SOLUTIONS OF THE PROBLEM
 SOLUTION OF BIRKHOFF'S EQUATIONS OF THE REGULARIZED RESTRICTED PROBLEM
 AN EXAMPLE OF EXTREMAL DISCONTINUOUS SOLUTION OF A VARIATIONAL PROBLEM OF ELLIPTIC TYPE
 VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE III THE DIRICHLET PROBLEM WITH INFINITE DATA
 COVARIANT DECOMPOSITION OF A TENSOR AND THE GRAVITATIONAL CAUCHY PROBLEM /FRENCH/
 AN ALGORITHM FOR THE SOLUTION OF THE TWO-DIMENSIONAL HIDDEN-LINE PROBLEM
 ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING FLAT PLATE IN A
 PARAMETRIC REPRESENTATIONS OF GAS-SURFACE INTERACTION DATA AND THE PROBLEM OF SLIP-FLOW BOUNDARY CONDITIONS WITH
 THE USE OF STOCHASTIC APPROXIMATION TO SOLVE THE SYSTEM IDENTIFICATION PROBLEM
 THE APPLICATION OF THE METHOD OF STEEPEST DESCENT TO A PURSUIT EVASION PROBLEM
 SOME DISTRIBUTION-FREE STATISTICS AND THEIR APPLICATION TO THE SELECTION PROBLEM
 MODEL COMPUTATIONS FOR DIFFERENT SOLUTIONS OF THE GEODETIC BOUNDARY-VALUE PROBLEM
 COVARIANT DECOMPOSITION OF SYMMETRIC TENSORS AND THE GRAVITATIONAL CAUCHY PROBLEM
 A CLASSIFICATION OF ORBITS THROUGH $LSUB4$ ONE IN THE RESTRICTED THREE-BODY PROBLEM
 PRELIMINARY RESULTS OF A NEW FORMULATION OF THE HYPERSONIC LEADING EDGE FLOW PROBLEM
 A STUDY OF THE USE OF CHEMICAL ADDITIVES FOR THE ALLEVIATION OF THE PLASMA SHEATH PROBLEM
 STRENGTH RESPONSE PARAMETERS OF NATURAL SOIL SURFACES AND THEIR APPLICATION TO THE LANDING PROBLEM OF AIRCRAFT
 MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION IN A FIXED DOMAIN AND AN APPLICATION TO A PROBLEM OF
 SOME PROPERTIES OF THE SOLUTION OF THE FIRST-ORDER VARIATIONAL EQUATIONS OF THE RESTRICTED THREE-BODY PROBLEM

PROBLEM-SOLVING

A FORMAL DEDUCTIVE PROBLEM-SOLVING SYSTEM

PROBLEMS

PROBLEMS OF INSTRUMENTATION IN SPACE RESEARCH
 PROBLEMS IN INFORMATION PROCESSING FINAL REPORT NOV 1967
 PROBLEMS IN RESEARCH ON ELECTRIC ARC TECHNOLOGY
 SOME PROBLEMS IN PLASMA PHYSICS
 FLOW PROBLEMS OF MHD
 SOME PROBLEMS IN RESEARCH ON ELECTRIC ARC TECHNOLOGY
 EXTREMAL PROBLEMS IN THE CLASS OF CLOSE-TO-CONVEX FUNCTIONS
 SELECTED PROBLEMS IN THE THEORY OF ELECTROMAGNETIC RADIATION FINAL REPORT SEPT 1967
 EXTREMAL PROBLEMS FOR A CLASS OF FUNCTIONALS DEFINED ON CONVEX SETS
 EXTREMAL PROBLEMS FOR FUNCTIONS OF BOUNDED BOUNDARY ROTATION
 EXTREMAL PROBLEMS IN THE CLASS OF CLOSE-TO-CONVEX FUNCTIONS
 A NOTE ON PROBLEMS WITH PERIODIC TARGET SETS
 LECTURE PROBLEMS IN CENTRAL NERVOUS MONITORING IN PERFORMING SUBJECTS
 THE FLOW PROBLEMS OF MHD
 FUNDAMENTAL PROBLEMS OF FUTURE AEROSPACE STRUCTURES FINAL REPORT SEPT 1967
 VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE II BOUNDARY VALUE PROBLEMS FOR THE MINIMAL SURFACE EQUATION

AFOSR68-1849
 AFOSR68-2227
 AFOSR67-0285
 AFOSR68-2551
 AFOSR67-1361
 AFOSR68-0072
 AFOSR68-1491
 AFOSR68-1752
 AFOSR68-2680
 AFOSR68-1741
 AFOSR68-1086
 AFOSR67-0057
 ARL 67-1274
 AFOSR67-1662
 AFOSR67-2204
 AFOSR67-2245
 AFOSR68-0689
 AFOSR67-1751
 AFOSR67-1596
 AFOSR68-0447
 AFOSR68-2525
 AFOSR68-0340
 AFOSR68-1847
 AFOSR68-2083
 AFCL67-507
 AFOSR67-1744
 AFOSR67-2082
 AFOSR68-0339
 AFOSR67-0146
 AFOSR67-1536
 AFOSR67-2817
 AFOSR68-2861
 AFCL68-0084
 AFOSR67-1166
 AFOSR67-0486
 AFOSR68-1580
 AFOSR67-0971
 AFOSR68-2350
 AFCL68-0012
 AFOSR67-0378
 AFCL67-0673
 AFOSR68-1826
 AFOSR68-2248
 ARL 68-1384
 AFOSR68-0224
 AFOSR68-0196
 AFOSR67-2435
 AFCL67-0165
 AFOSR67-0902
 ARL 68-1107
 AFOSR67-1875
 AFCL67-0044
 AFOSR68-0340
 AFOSR68-2462
 ARL 68-1006
 AFOSR67-0757
 AFOSR68-0088
 AFOSR67-1457
 AFOSR67-2194
 AFOSR68-0327
 AFOSR67-0830
 AFOSR68-1102
 AFCL68-0298
 AFOSR67-1876
 AFOSR68-2544
 AFOSR67-2162
 AFOSR68-1189
 AFOSR68-2240
 AFOSR67-1473
 AFOSR68-0871
 ARL 67-0124
 AFOSR68-0864
 AFOSR68-2278
 SRI 68-0017
 AFOSR68-2793
 AFCL68-0164
 AFOSR68-0117
 AFOSR68-2257
 AFOSR67-1936
 AFCL67-0693
 AFCL67-0543
 AFOSR68-1957
 AFOSR68-1413

AFOSR68-0825

AFCL67-0055
 AFCL67-0566
 ARL 68-1315
 AFOSR67-1478
 ARL 68-1028
 ARL 68-1317
 AFOSR67-0559
 AFOSR67-2352
 AFOSR67-2718
 AFOSR68-0062
 AFOSR68-1150
 AFOSR67-1738
 AFOSR68-1653
 ARL 68-1037
 AFOSR67-2175
 AFOSR68-0256

ALTERNATIVE PROBLEMS FOR NONLINEAR FUNCTIONAL EQUATIONS
RESULTS AND PROBLEMS IN THE THEORY OF DISTRIBUTED PARAMETER SYSTEMS
VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE III THE DIRICHLET PROBLEM WITH INFINITE DATA
PROGRAM AND PROBLEMS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY
PROGRAM AND PROBLEMS OF RESEARCH ON ELECTRIC ARC TECHNOLOGY
PROGRAM AND PROBLEMS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY
PROGRAM AND PROBLEMS OF RESEARCH IN ARC TECHNOLOGY WITH RESPECT TO AEROSPACE APPLICATIONS
OPTIMIZATION PROBLEMS IN POWERED SPACE FLIGHT
FREE SURFACE PROBLEMS IN FLUID FLOW
SOME DECISION PROBLEMS ASSOCIATED WITH WEIGHTED DIRECTED GRAPHS
NETWORK THEORY PROBLEMS IN IMPEDANCE LOADING
BOUNDARY VALUE PROBLEMS AND THE POINCARÉ-LEPSCHEZ MAPPING
BOUNDARY VALUE PROBLEMS FOR WEDGES AND CONES UNDER HEAT CONDUCTION
OPTIMAL CONTROL PROBLEMS AS EXTREMAL PROBLEMS IN A BANACH SPACE
SOME STRUCTURAL PROBLEMS OF SPACE FLIGHT
ANN PROGRAM AND PROBLEMS IN ARC RESEARCH
SOME FUNDAMENTAL PROBLEMS IN THE COMBUSTION OF LIQUID OXIDIZERS IN HYDROGEN
PARTIAL ALGORITHM PROBLEMS FOR CONTEXT FREE LANGUAGES
RANDOM EIGENVALUE PROBLEMS
DUALITY FOR CONTROL PROBLEMS
STRESS BOUNDARY VALUE PROBLEMS FOR INFINITE WEDGES
ON REPRESENTATIONS OF PROBLEMS OF REASONING ABOUT ACTIONS
LINEAR OPTIMAL CONTROL PROBLEMS WITH ISOPERIMETRIC CONSTRAINTS
GENERALIZED EIGENVALUE PROBLEMS
DUALITY FOR VARIATIONAL PROBLEMS
TWO-POINT BOUNDARY VALUE PROBLEMS OF LINEAR HAMILTONIAN SYSTEMS
A SOLUTION FOR A CLASS OF PROBLEMS OF LINEAR SYSTEM OPTIMIZATION (ITALIAN)
MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION IN A FIXED DOMAIN AND AN APPLICATION TO A PROBLEM OF
SOLUTION OF NONLINEAR FLOW PROBLEMS THROUGH PARAMETRIC DIFFERENTIATION
RESEARCH IN THE RESTRICTED PROBLEMS OF THREE AND FOUR BODIES
ON SOME NONLINEAR BOUNDARY PROBLEMS FOR THE EQUATION OF MINIMAL SURFACES
THE HELICAL ANTENNA AND ITS PROBLEMS
THEORY OF ELLIPTIC BOUNDARY PROBLEMS FINAL REPORT MAY 1968
VARIATIONAL METHODS AND BOUNDARY PROBLEMS FOR ORDINARY LINEAR DIFFERENTIAL SYSTEMS
DUALITY AND STABILITY IN EXTREMUM PROBLEMS INVOLVING CONVEX FUNCTIONS
SYMMETRIC DUALITY FOR VARIATIONAL PROBLEMS
PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS
PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS FINAL REPORT FEB 1968
EARTH EXPANSION GENERAL RELATIVITY PROBLEMS OF ABSTRACT ALGEBRA FINAL JUNE 1967
OPTIMAL CONTROL PROBLEMS AS EXTREMAL PROBLEMS IN A BANACH SPACE
SELF-CONSISTENT SOLUTION OF NONLINEAR PROBLEMS IN UNSTEADY RADIATION GASDYNAMICS
MULTIPLE COMPARISONS FOR MULTIVARIATE PROBLEMS
VARIATIONAL APPROACH TO BOUNDARY-VALUE PROBLEMS IN KINETIC THEORY
NUMERICAL CLASSIFICATION FOR TAXONOMIC PROBLEMS
A METHOD FOR THE SOLUTION OF STOCHASTIC PROBLEMS IN LINEAR THERMOELASTICITY AND HEAT CONDUCTION
BIOMECHANICS ITS SCOPE HISTORY AND SOME PROBLEMS OF CONTINUUM MECHANICS IN PHYSIOLOGY
EXISTENCE THEOREMS FOR MULTIDIMENSIONAL PROBLEMS OF OPTIMAL CONTROL
THE NUMERICAL SOLUTION OF BOUNDARY LAYER PROBLEMS
SINGULAR PERTURBATIONS OF BOUNDARY VALUE PROBLEMS FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS INVOLVING TWO PARAMETERS
MULTIDIMENSIONAL LAGRANGE AND PONTRYAGIN PROBLEMS
A NEW APPROACH TO LINEAR PURSUIT-EVASION PROBLEMS
A CLASS OF CONTINUOUS CONVEX PROGRAMMING PROBLEMS
A CRITICAL REVIEW OF HETEROGENEOUS MIXING PROBLEMS
NON-LINEAR TRANSPORT PHENOMENA AND CONTACT PROBLEMS IN II-VI COMPOUNDS
THE LAMBDA-METHOD FOR LINEAR BOUNDARY VALUE PROBLEMS
COMPREHENSIVE FORMALISM FOR NUCLEAR REACTION PROBLEMS I DERIVATION OF EXISTING REACTION THEORIES
COMPREHENSIVE FORMALISM FOR NUCLEAR REACTION PROBLEMS II APPLICATIONS - GIANT RESONANCES AND DOORWAY STATES
SIMPLE SPACES AND MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION
ASYMPTOTIC SOLUTION OF INITIAL BOUNDARY-VALUE PROBLEMS FOR HYPERBOLIC SYSTEMS
GENERAL NECESSARY CONDITIONS FOR OPTIMIZATION PROBLEMS
HIGH-TEMPERATURE CHEMISTRY CURRENT AND FUTURE PROBLEMS CONFERENCE ORGANIZED AT RICE UNIVERSITY HOUSTON TEXAS JANUARY
A GENERAL CORRESPONDENCE BETWEEN DUAL MINIMAX PROBLEMS AND CONVEX PROGRAMS
THEORETICAL PROBLEMS FOR PATTERN RECOGNITION PROBLEMS FINAL REPORT JUNE 1967
EXISTENCE THEOREMS FOR LAGRANGE AND PONTRYAGIN PROBLEMS OF THE CALCULUS OF VARIATIONS AND OPTIMAL CONTROL MORE
AN APPROXIMATION TECHNIQUE FOR SINGULAR CONTROL PROBLEMS FINAL REPORT DEC 1967
THE LAPLACE TRANSFORM AND INITIAL-BOUNDARY VALUE PROBLEMS
EXISTENCE THEOREMS FOR MULTIDIMENSIONAL LAGRANGE PROBLEMS
THE FORMULATION OF SOME ALLOCATION AND CONNECTION PROBLEMS AS INTEGER PROGRAMS
GENERALIZED GAFFNS MATRICES FOR TWO-POINT BOUNDARY PROBLEMS
THIN ELASTIC PLATES AND SHELLS AND BOUNDARY VALUE PROBLEMS FINAL REPORT FEB 1968
ON NONLINEAR STEADY-STATE SOLUTIONS TO MOVING LOAD PROBLEMS
SOME EXISTENCE THEOREMS FOR LINEAR OPTIMAL CONTROL PROBLEMS
GENERALIZED GREENS MATRICES FOR TWO-POINT BOUNDARY PROBLEMS
PHOTOLASTIC COATING TECHNOLOGY APPLIED TO CONTACT PROBLEMS
APPROXIMATE SOLUTION ALGORITHMS FOR NONLINEAR FILTER PROBLEMS
A DISCRETE APPROACH TO CERTAIN STOCHASTIC EIGENVALUE PROBLEMS
GENERALIZED REHARMANN PROBLEM AND RELATED EIGENVALUE PROBLEMS
VISCOS-TRANSONIC FLOW IN THE ACCRETION AND STELLAR-WIND PROBLEMS
COMPARISON THEOREMS FOR NONLINEAR ORDINARY BOUNDARY VALUE PROBLEMS
THREE FAMILIES OF INTEGRALS WHICH ARISE IN SOME THREE-BODY PROBLEMS
UNIFORM ASYMPTOTIC SOLUTIONS OF DISCONTINUOUS INITIAL VALUE PROBLEMS FOR DISPERSIVE HYPERBOLIC EQUATIONS
GENERAL FORMULATION AND NUMERICAL SOLUTION OF REACTION RATE PROBLEMS
RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO AEROSPACE PROBLEMS
RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO AEROSPACE PROBLEMS
SOME ANALYTICAL METHODS FOR SOLVING A CLASS OF BOUNDARY VALUE PROBLEMS
VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE II BOUNDARY VALUE PROBLEMS FOR THE MINIMAL SURFACE EQUATION
AN APPLICATION OF THE EXTENDED KANTOROVICH METHOD TO EIGENVALUE PROBLEMS
RELATIONS BETWEEN THE CALCULUS OF VARIATIONS AND BOUNDARY VALUE PROBLEMS FINAL REPORT APRIL 1968
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 3 BOUNDARY VALUE PROBLEMS
THE CONVERGENCE OF FINITE ELEMENT METHOD IN SOLVING LINEAR ELASTIC PROBLEMS
AN ITERATIVE SOLUTION FOR ROTATIONALLY SYMMETRIC NON-LINEAR MEMBRANE PROBLEMS
SINGULAR INTEGRAL EQUATIONS WITH SPECIAL REFERENCE TO BOUNDARY-VALUE PROBLEMS FINAL REPORT JULY 1968
APPLICATION OF THE SEQUENTIAL LIGHT AMPLIFIER TO ASTRONOMY AND RELATED PROBLEMS FINAL REPORT AUG 1967
QUANTILINEARIZATION DIFFERENCE APPROXIMATION AND NONLINEAR BOUNDARY VALUE PROBLEMS
S-BAND TELEMETRY ANTENNA STUDIES SOUNDING ROCKET RESEARCH AND DEVELOPMENT PROBLEMS
A NONLINEAR INTEGRO-DIFFERENTIAL EQUATION ASSOCIATED WITH A CLASS OF WEDGE PROBLEMS
LINE INTENSITY AND PRESSURE BROADENING STUDIES IN HYDROGEN FLUORIDE-AND OTHER PROBLEMS IN INFRARED SPECTROSCOPY FINAL
INSTABILITY AND NON-MONOTONICITY PHENOMENA IN DISCRETIZATIONS TO BOUNDARY-VALUE PROBLEMS
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS II APPLICATIONS
INVARIANT IMBEDDING AND THE COMPUTATIONAL SOLUTION OF OPTIMIZATION AND ESTIMATION PROBLEMS
THE CORRESPONDENCE PRINCIPLE OF LINEAR VISCOELASTICITY THEORY FOR MIXED BOUNDARY VALUE PROBLEMS INVOLVING
THE ASYMPTOTIC DISTRIBUTION OF EIGENVALUES AND EIGENFUNCTIONS FOR ELLIPTIC BOUNDARY VALUE PROBLEMS
ON THE EXTENSION STATIONARY PROBLEM FOR THE NAVIER-STOKES EQUATIONS AND ASSOCIATED PERTURBATION PROBLEMS
THE FUNDAMENTAL INFRARED THRESHOLD IN THERMAL IMAGE DETECTION AS AFFECTED BY DETECTOR COOLING AND RELATED PROBLEMS

AFOSR68-0808
AFOSR68-2148
AFOSR68-2740
ARL 68-1308
ARL 68-1309
ARL 68-1314
ARL 68-1322
AFOSR67-0294
AFOSR68-2609
AFOSR68-2016
AFOSR68-0027
AFOSR67-2715
AFOSR68-1042
AFOSR67-0377
AFOSR67-2787
ARL 68-1311
AFOSR68-1165
AFOSR67-0024
AFOSR68-1380
ARL 68-0276
AFOSR68-0706
AFOSR68-1327
AFOSR67-1458
AFOSR67-2567
ARL 67-0138
AFOSR68-0363
AFOSR68-0676
AFOSR68-1957
AFOSR67-1900
AFOSR68-0912
AFOSR68-2754
AFOSR67-0358
AFOSR68-1147
AFOSR67-2545
AFOSR68-0280
ARL 68-0275
AFOSR67-0465
AFOSR68-0046
ARL 67-0122
AFOSR67-0377
AFOSR67-2454
ARL 67-1027
AFOSR67-0138
AFOSR68-2033
AFOSR67-0290
AFOSR68-0993
AFOSR68-2145
AFOSR67-2046
AFOSR67-2345
AFOSR68-1875
AFOSR68-2109
ARL 68-0347
ARL 67-0187
ARL 67-1309
AFOSR67-0075
AFOSR67-0449
AFOSR68-0695
AFOSR68-2007
AFOSR67-0145
AFOSR67-1082
AFOSR68-2438
AFOSR68-0457
AFOSR68-1931
ARL 68-0043
AFOSR67-1245
AFOSR68-1915
AFOSR67-0441
AFOSR67-2505
AFOSR68-0713
AFOSR67-1439
AFOSR67-2426
AFOSR67-2505
ARL 67-1224
AFOSR68-2026
AFOSR67-1692
ARL 67-1274
AFOSR67-1044
ARL 68-1289
AFOSR67-0222
AFOSR67-1249
AFOSR68-1624
ARL 68-1313
ARL 68-1324
AFOSR68-0367
AFOSR68-0256
AFOSR68-0153
AFOSR68-0966
AFOSR67-2301
AFOSR67-2507
AFOSR67-2527
AFOSR68-1616
ARL 67-0165
AFOSR68-2417
AFOSR68-0331
AFOSR68-1373
AFOSR67-0612
AFOSR68-2504
AFOSR67-0046
AFOSR67-0431
AFOSR67-1207
AFOSR68-2046
AFOSR68-1643
AFOSR68-0173
AFOSR68-2525
ARL 68-1426

PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME IV BIOLOGY AND PROBLEMS AFOSR66-2094
INTERPRETATION AND APPLICATION OF TRANSIENT AND IMPULSE RESPONSE APPROXIMATIONS IN ELECTROMAGNETIC SCATTERING PROBLEMS AFCL67-0690

PROCEDURE

A PROCEDURE FOR CONFORMAL MAPPING OF TRIPLY - CONNECTED DOMAINS
A PROCEDURE FOR DERIVING INVERSION FORMULAE FOR INTEGRAL TRANSFORM PAIRS OF A GENERAL KIND
A DECISION PROCEDURE BASED ON THE RESOLUTION METHOD
AN ITERATIVE PROCEDURE FOR COMPUTING THE MINIMUM OF A QUADRATIC FORM ON A CONVEX SET
A SIMPLIFIED PROCEDURE FOR CORRECTING A MEASURED ANGULAR DISTRIBUTION OF PARTICLES FOR DISTORTION BY A SCATTERING
A TWO-SEGMENT COLUMN PROCEDURE FOR SINGLE STEP ISOLATION OF DEUTERAN FROM RED CELL SUSPENSIONS
VON ZEIPPE METHOD AND THE TWO-VARIABLE EXPANSION PROCEDURE
SMOOTH-CURVE INTERPOLATION: A GENERALIZED SPLINE-FIT PROCEDURE
FACILITATION OF CONCEPT LEARNING BY A SIMULTANEOUS CONTRAST PROCEDURE
A SIMPLIFIED FORMAT FOR THE MODEL ELIMINATION THEOREM-PROVING PROCEDURE

AFOSR66-0304
AFOSR66-1729
AFOSR66-1844
AFOSR67-0839
AFOSR66-0552
AFOSR67-1683
AFOSR67-0782
AFOSR67-0778
AFOSR66-0862
AFOSR66-0618

PROCEDURES

SOME PROCEDURES FOR SELECTION OF MULTIVARIATE NORMAL POPULATIONS BETTER THAN A CONTROL
PROOF PROCEDURES AND DECISION PROCEDURES BASED ON THE RESOLUTION METHOD FINAL REPORT AUG 1966
COMPUTER PROCEDURES AND PROGRAMS FOR THE AUTOMATION OF COGNITIVE PROCESSES FINAL REPORT DEC 1966
SELECTION PROCEDURES BASED ON COVARIANCE MATRICES OF MULTIVARIATE NORMAL POPULATIONS
SIMULTANEOUS TEST PROCEDURES
ITERATIVE COMPUTATION PROCEDURES FOR AN OPTIMUM CONTROL PROBLEM
STUDY OF DOCUMENTATION PROCEDURES AND MECHANISMS FINAL REPORT AUG 1967
ON SELECTION AND RANKING PROCEDURES AND ORDER STATISTICS FROM THE MULTINOMIAL DISTRIBUTION
PROOF PROCEDURES AND DECISION PROCEDURES BASED ON THE RESOLUTION METHOD FINAL REPORT AUG 1966
ON SOME SELECTION AND RANKING PROCEDURES WITH APPLICATIONS TO MULTIVARIATE POPULATIONS
POINT AND INTERVAL ESTIMATION PROCEDURES FOR THE TWO- PARAMETER WEIBULL AND EXTREME-VALUE DISTRIBUTIONS
A REPRESENTATION SYSTEM FOR PARSING PROCEDURES
ON A CLASS OF SELECTION AND RANKING PROCEDURES
ON THE PROPERTIES OF SIMPLE SELECTION PROCEDURES
PERFECT-WORD-QUANTIZATION VARIABLE-DATA-RATE PROCEDURES FOR FEEDBACK COMMUNICATION SYSTEMS
A CLASS OF SEQUENTIAL MULTIPLE DECISION PROCEDURES
SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
ANALYSIS AND SIMULATION OF WORD-SELECTION PROCEDURES IN ERROR-FREE COMMUNICATION SYSTEMS PART II - PRESENTATION AND
RESEARCH IN NUMERICAL DYNAMICAL AND OPERATIONAL WEATHER FORECAST PROCEDURES FINAL REPORT APR 1966

ARL 67-0080
AFOSR66-1873
AFOSR67-0703
ARL 67-1271
ARL 67-1025
AFOSR67-0830
AFOSR67-2248
ARL 67-1305
AFOSR66-1623
ARL 67-1304
ARL 68-0240
AFOSR66-1301
ARL 68-1454
ARL 68-0272
AFCL67-0379
ARL 68-1476
ARL 68-1251
ARL 68-1465
AFCL67-0594
AFCL67-0206

PROCEEDINGS

PROCEEDINGS FOURTH AFCL SCIENTIFIC BALLOON SYMPOSIUM
PROCEEDINGS OF THE SYMPOSIUM ON THE PLASMA SHEATH- PLASMA ELECTROMAGNETICS OF HYPERSONIC FLIGHT VOLUME II
PROCEEDINGS AFCL FIFTH BALLOON WORKSHOP 1967
PROCEEDINGS OF THE SEVENTH STANSTEAD SEMINAR ON THE MIDDLE ATMOSPHERE
PROCEEDINGS OF THE WORKSHOP ON METHODS OF OBTAINING WINDS AND DENSITIES FROM RADAR METEOR TRAIL RETURNS
PROCEEDINGS OF THE 1965 CONGRESS INTERNATIONAL FEDERATION FOR DOCUMENTATION WASHINGTON D C 7-16 OCT 1965 AMERICAN
PROCEEDINGS OF ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW 4TH AUSTIN TEXAS 16-17 MAR 1967
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART I AT KENT STATE UNIVERSITY AUGUST 16-20 1965
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART II AT KENT STATE UNIVERSITY AUGUST 16-20 1965
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART III AT KENT STATE UNIVERSITY AUGUST 16-20 1965
PROCEEDINGS OF THE HAWAII INTERNATIONAL CONFERENCE ON SYSTEMS SCIENCES UNIVERSITY OF HAWAII HONOLULU HAWAII 29-31
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME I THEORY OF STATISTICS
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART I PROBABILITY
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART II PROBABILITY
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME III PHYSICAL SCIENCES
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME IV BIOLOGY AND PROBLEMS
PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME V WEATHER MODIFICATION
PROCEEDINGS OF THE SURVEY RESEARCH CONFERENCE /ZND/ REYKJAVIK ICELAND 25 THRU 28 JUNE 1967 PP-1-108 FINAL REPORT JUNE
GENERALIZED NETWORKS PROCEEDINGS OF THE SYMPOSIUM ON SYMPOSIA SERIES VOL XVI NEW YORK N Y APRIL 12-14 1966 POLYTECHNIC
ADVANCES IN HOT WIRE ANEMOMETRY PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON HOT WIRE ANEMOMETRY FINAL REPORT JULY
MATHEMATICAL ASPECTS OF COMPUTER SCIENCE PROCEEDINGS OF SYMPOSIA IN APPLIED MATHEMATICS MATHEMATICAL ASPECTS OF
EXPERIMENT AND CAPACITY VOL A OF A SERIES PROCEEDINGS OF THE FOURTH INTERNATIONAL INTERDISCIPLINARY CONFERENCE ON
SURFACE EFFECTS IN SPED COMBUSTION PRODUCTS /PROCEEDINGS OF A SPECIALISTS MEETING AGARD PROPULSION AND ENERGIES
BRAIN FUNCTION VOLUME IV UCLA FORUM IN MEDICAL SCIENCES NUMBER 6 - PROCEEDINGS OF THE FOURTH CONFERENCE ON BRAIN
SURVEY OF COMPUTER LANGUAGES FOR SYMBOLIC AND ALGEBRAIC MANIPULATIONS PROCEEDINGS OF IFIPS CONFERENCE ON SYMBOL
DISCUSSION OF AGGRESSION OFFENSE AND NEUROMIMICS - PAPER BY ALAN B ROTHBALLER PROCEEDINGS OF THE FIFTH CONFERENCE ON

AFCL67-0075
AFCL67-0260
AFCL66-0097
AFCL66-0224
AFCL66-0226
AFOSR67-0003
AFOSR67-0851
AFOSR67-0972
AFOSR67-0973
AFOSR67-0974
AFOSR66-2085
AFOSR66-2090
AFOSR66-2091
AFOSR66-2092
AFOSR66-2093
AFOSR66-2094
AFOSR66-2095
AFOSR66-2175
AFOSR67-0848
AFOSR66-1492
AFOSR66-1019
AFOSR66-2208
AFOSR67-1216
AFOSR66-1342
AFOSR67-0811
AFOSR66-1677

PROCEEDINGS, UNIV

MATHEMATICAL THEORY OF CONTROL PROCEEDINGS, UNIV SOUTHERN CALIFORNIA LOS ANGELES, JANUARY 30-FEBRUARY 1, 1967 4590 LEW

AFOSR67-2848

PROCESS

DATA PROCESS OF FORMING PASSIVATING INTERNAL INSUBSOSURJ BANDS IN SILVER-INDIUM ALLOYS
ACCELERATION PROCESS IN THE HALL CURRENT DEVICE
HETEROGENEOUS NORMALIZATION PROCESS PROGRAM FOR TIME-INDEPENDENT HAMILTONIAN SYSTEMS
HETEROGENEOUS NORMALIZATION PROCESS PROGRAM FOR TIME-DEPENDENT HAMILTONIAN SYSTEMS
ANISOTROPIC MAGNETIZATION PROCESS AND MOSSBAUER EFFECT IN IRON POWDER
EFFECTS OF PRESSURE ON THE MOVING PROCESS SMALL POLARON
INDIVIDUAL DIFFERENCES AND THEORETICAL PROCESS VARIABLES GENERAL COMMENTS ON THE CONFERENCE
AN ABSTRACT FRAMEWORK FOR THE THEORY OF PROCESS OPTIMIZATION
SOME LIMIT THEOREMS FOR A GENERAL MARKOV PROCESS
NEW NUCLEON PROBLEM THE NEUTRON PLUS HELIUM 4 PROCESS INCLUDING COUPLING TO THE D PLUS T PROCESS IN THE 20 MINUS MEV
THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT JULY 1967
A CHARACTERIZATION OF THE STABLE AND SYSTEMATIC PROCESS /FRENCH/
ELECTRICALLY CHARGED SURFACES AND THE PHOTOGRAPHIC PROCESS
ON THE DISTRIBUTION OF THE MAXIMUM OF A SERIES-MARKOV PROCESS
PHYSICAL ASPECTS AND PARAMETERS OF THE PHOTOGRAPHIC PROCESS AND THEIR IMPLICATIONS WITH RESPECT TO SENSITIVITY AND
ANALYSIS OF FLUID DYNAMICS OF SUPERSONIC COMBUSTION PROCESS CONTROLLED BY MIXING
STUDY OF ALUMINA CRYSTAL STRUCTURES /AUTOMATION OF THE VERNIULI PROCESS/ FINAL REPORT MAR 1967
CHARACTERISTICS OF THE STOKES EMISSION IN THE STIMULATED BRILLOUIN SCATTERING PROCESS
THE EFFECT OF DIFFERENT SURFACE BARRIER MODELS ON THE MOTTENHAM ENERGY EXCHANGE PROCESS
NEW NUCLEON PROBLEM THE NEUTRON PLUS HELIUM 4 PROCESS INCLUDING COUPLING TO THE D PLUS T PROCESS IN THE 20 MINUS MEV
ENERGETICS OF MUSCLE ACTIVITY IN RELATION TO THE MOLECULAR PHYSIOLOGY OF THE CONTRACTION PROCESS FINAL REPORT DEC 1966
PHOTOLASTIC AMPLIFICATION OF LIGHT AND THE GENERATION OF HYPERSONIC BY THE STIMULATED BRILLOUIN PROCESS

ARL 68-1145
AFOSR67-2664
AFOSR67-0123
AFOSR66-0875
AFOSR66-0165
ARL 67-1296
AFOSR67-1810
AFOSR67-0777
AFOSR67-1271
AFOSR67-0672
AFOSR67-2735
AFOSR67-2195
AFOSR67-1670
AFOSR66-2787
ARL 68-0250
ARL 68-1114
AFCL67-0148
AFCL67-0051
AFOSR66-0402
AFOSR67-0672
AFOSR66-1635
AFCL66-0021

PROCESSES

IONIC PROCESSES IN CYCLOHEXANE
IONIC PROCESSES IN CYCLOHEXANE: IMPLICATIONS OF MASS SPECTROMETRIC DATA FOR PYROLYSIS STUDIES
IONIC PROCESSES IN CYCLIC ALKANES
IONIC PROCESSES IN CYCLOHEXANE
ATOMIC PROCESSES WITH SPECIAL APPLICATION TO GASEOUS NEBULAE
NUCLEAR PROCESSES IN COMETS
NERVOUS PROCESSES UNDERLYING BEHAVIOR AND LEARNING FINAL REPORT APRIL 1967

ARL 68-1041
ARL 68-1235
ARL 68-1435
ARL 68-1437
ARL 68-0157
AFOSR67-1174
AFOSR67-2277

PRIMARY PROCESSES IN THE PHOTOCHEMISTRY OF BICYCLIC AZO COMPOUNDS
 D-REGION PROCESSES IN NON-POLAR LATITUDES
 DECISION PROCESSES IN RETRIEVAL FROM MEMORY COMMENT ON THE CONTRIBUTIONS OF LLOYD R. PETERSON AND CHARLES N. COFER
 ELECTROCHEMICAL TRANSACTIONS OF THE 1966 SYMPOSIUM CLEVELAND OHIO 1-6 MAY 1966 FINAL REPORT MAY 1966
 TRANSPORT PROCESSES IN MAGNETOHYDRODYNAMICS
 DISCHARGE PROCESSES IN GAS LASERS
 CHARGE EXCHANGE PROCESSES FINAL REPORT AUG 1967
 STUDY OF COLLISION PROCESSES IN GASEOUS PLASMAS FINAL REPORT JAN 1968
 STATISTICAL DECISION PROCESSES IN RECOGNITION AND DETECTION FINAL REPORT APRIL 1968
 STABILITY OF EPIDEMIC PROCESSES
 PRIMARY PHOTOCHEMICAL PROCESSES IN SOME SIMPLE AROMATIC MOLECULES
 PARALLEL VERSUS SERIAL PROCESSES IN MULTIDIMENSIONAL STIMULUS DISCRIMINATION
 RESEARCH ON COMBUSTION PROCESSES AT HIGH SPEED AND AT LOW PRESSURES FINAL REPORT DEC 1967
 ELECTROFLUIDODYNAMIC FLOW PROCESSES
 COMMUNICATION AND EPIDEMIC PROCESSES
 KINETIC THEORY AND RELAXATION PROCESSES OF NEARLY IONIZED GASES
 EXPLORATIONS OF THE COGNITIVE PROCESSES IN DESIGN
 TRANSFORMATIONS AND AVERAGING PROCESSES FOR DIFFERENTIAL CROSS-SECTION MEASUREMENTS AT THERMAL ENERGIES
 REFLECTOR COMPOSITION AND NUCLEAR PROCESSES FINAL REPORT DEC 1967
 SHORT TERM AND LONG TERM MEMORY PROCESSES A FUNCTIONAL MODEL OF FRONTO-TEMPORAL RELATIONSHIPS FINAL REPORT JULY 1968
 ANALYSIS OF SOME RANDOM BLENDING PROCESSES
 ON THE MECHANIZATION OF CREATIVE PROCESSES
 SEQUENTIAL EQUIVALENTS OF PARALLEL PROCESSES
 IMPLICATIONS OF REGGE BEHAVIOR FOR PROCESSES INVOLVING PHOTONS
 TRANSFORMATIONAL AND ORGANIZATIONAL PROCESSES IN MEMORY FINAL REPORT FEB 1968
 NONLINEAR TRANSFORMATIONS OF RANDOM PROCESSES
 ELECTROFLUIDODYNAMIC ENERGY CONVERSION PROCESSES, CHARACTERISTICS, AND RESEARCH AREAS
 A GRAPHICAL METHOD FOR MULTI-SOFT-PION PROCESSES
 PSYCHOPHYSICAL RELATIONS IN ADAPTATION PROCESSES FINAL REPORT AUG 1968
 REGGE POLES AND UNEQUAL-MASS SCATTERING PROCESSES
 CONTRIBUTIONS TO DOERFLING THEORY OF MARKOV PROCESSES
 DISCRETE ESTIMATION OF DIGITAL COMMUNICATION PROCESSES
 THERMOLUMINESCENCE AND OTHER PHOTOELECTRONIC PROCESSES
 STUDIES OF THERMALLY ACTIVATED COUPLED-CURRENT PROCESSES FINAL REPORT NOV 1967
 MICROWAVE/ELECTROMAGNETIC THEORY AND INFORMATION PROCESSES
 SOME ANALYTICAL TREATMENTS OF ELECTROFLUIDODYNAMIC PROCESSES
 OPTIMAL DISCOUNTED STOCHASTIC CONTROL FOR DIFFUSION PROCESSES
 OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT PROCESSES - PART I
 OPTIMAL NONLINEAR FILTERING FOR INDEPENDENT INCREMENT PROCESSES - PART II
 EVIDENCE FOR EXCHANGE EFFECTS IN INELASTIC SCATTERING PROCESSES FROM ANGULAR CORRELATION DATA
 MECHANOCHEMISTRY OF COUPLED CONTRACTILE AND CHEMICAL RATE PROCESSES FINAL REPORT DEC 1967
 DIAGNOSTIC CRITERIA FOR THE STUDY OF CHEMICAL AND PHYSICAL PROCESSES BY TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY
 OPTIMAL ADAPTIVE FILTER REALIZATIONS FOR SAMPLE STOCHASTIC PROCESSES WITH AN UNKNOWN PARAMETER
 EXPERIMENTAL DETERMINATION OF THE RATE OF CHEMI-IONIZATION PROCESSES
 INVESTIGATION ON POWER GENERATION USING ELECTROFLUIDODYNAMIC PROCESSES
 COMPUTER PROCEDURES AND PROGRAMS FOR THE AUTOMATION OF COGNITIVE PROCESSES FINAL REPORT DEC 1966
 TWO-PION DECAYS OF KAMONS IN A NOVEL APPROACH TO NONFRETTONIC WEAR PROCESSES
 RESEARCH ON RELATIONS BETWEEN COSMETIC SOLAR AND UPPER ATMOSPHERIC PROCESSES FINAL REPORT APR 1967
 COOLED PROBE DIAGNOSTICS OF DENSE PLASMA MIXING AND HEAT TRANSFER PROCESSES
 A GENERALIZED STEEPEST DESCENT ALGORITHM FOR MULTISTAGE OPTIMIZATION PROCESSES FINAL REPORT JUNE 1968
 THE ANALYSIS OF NOISY NON-LINEAR PROCESSES BY MEANS OF GENERALIZED RANDOM PROCESSES FINAL REPORT MARCH 1967
 SECULAR BEHAVIOR AND FRIEDMAN'S MULTIPLE-TIME-SCALE THEORY OF IRREVERSIBLE PROCESSES
 THE USES OF NUCLEAR MAGNETIC RESONANCE IN THE STUDY OF LIGAND SUBSTITUTION PROCESSES
 STATISTICAL MECHANICS OF EQUILIBRIUM NON-FLOTTING AND QUANTUM MANY-BODY PROCESSES FINAL REPORT DEC 1967
 CHARGE GENERATION BY CORONA DISCHARGE IN ELECTROFLUIDODYNAMIC ENERGY CONVERSION PROCESSES
 SIMPLE FORMULA FOR THE DOERFL-WALECKA FORM FACTORS IN QUASI-ELASTIC ELECTRODYNAMIC PROCESSES
 EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDODYNAMIC ENERGY CONVERSION PROCESSES - PART I
 EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDODYNAMIC ENERGY CONVERSION PROCESSES - PART II

AFOSR68-1912
 AFCL67-0418
 AFOSR67-2232
 AFOSR67-0651
 AFOSR67-1039
 ARL 68-1138
 AFCL68-0076
 AFCL68-0077
 AFOSR68-1187
 AFOSR67-1407
 AFOSR68-2011
 AFOSR67-1805
 AFOSR68-0467
 ARL 68-1392
 AFOSR67-1474
 AFCL68-0237
 AFOSR68-1374
 AFOSR68-1503
 AFOSR68-0124
 AFOSR68-1672
 AFOSR68-0639
 AFOSR68-0933
 AFOSR67-0755
 AFOSR68-0876
 AFOSR68-0528
 AFOSR68-0594
 ARL 68-1364
 AFOSR68-0277
 AFOSR68-2205
 AFOSR67-1405
 AFOSR67-1858
 AFOSR68-2028
 ARL 67-1343
 AFOSR67-2789
 AFOSR67-2412
 ARL 68-1365
 AFOSR68-0160
 AFOSR68-0917
 AFOSR68-0918
 AFOSR68-1012
 AFOSR68-0707
 AFOSR67-0553
 AFOSR67-1586
 ARL 68-0351
 ARL 67-1071
 AFOSR67-0703
 AFOSR67-0125
 AFCL67-0303
 ARL 67-1236
 ARL 68-0002
 ARL 67-0048
 AFOSR68-2851
 AFOSR67-2826
 AFOSR68-0097
 ARL 67-1078
 AFOSR67-2521
 ARL 68-1346
 ARL 68-1367

PROCESSING

PROCESSING GROWTH AND CHARACTERIZATION OF N-SILICON CARBIDE SINGLE CRYSTALS
 PROCESSING OF SENSORY VISUAL INFORMATION FINAL REPORT JAN 1967
 GROWTH PROCESSING AND CHARACTERIZATION OF N-SILICON CARBIDE SINGLE CRYSTALS
 GROWTH PROCESSING AND CHARACTERIZATION OF N-SILICON CARBIDE SINGLE CRYSTALS
 ANTENNA PROCESSING FOR HIGH-RESOLUTION MAPPING
 ANTENNA PROCESSING FOR SURFACE TARGET DETECTION
 INFORMATION PROCESSING IN BIOLOGICAL SYSTEMS FINAL REPORT APRIL 1967
 INFORMATION PROCESSING IN EVERYDAY HUMAN ACTIVITY
 AN INFORMATION PROCESSING THEORY OF HUMAN DECISION MAKING UNDER UNCERTAINTY AND RISK
 OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM ERRORS
 EXTENDED DYNAMIC RANGE PROCESSING FINAL REPORT NOV 1967
 RESEARCH ON INFORMATION PROCESSING IN THE CENTRAL SYSTEM FINAL REPORT AUG 1967
 INVESTIGATION OF SPEECH PROCESSING STUDIES FINAL REPORT OCT 1967
 PROBLEMS IN INFORMATION PROCESSING FINAL REPORT NOV 1967
 OPTIMUM SPACE-TIME SIGNAL PROCESSING AND PARAMETER ESTIMATION
 DOPPLER SIGNAL ANALYSIS AND PROCESSING TECHNIQUES FOR MODIFIED /PORCUPINE/ C-BAND PULSE DOPPLER RADAR FINAL REPORT FEB 1968
 SURVEY OF AUTOMATED LANGUAGE PROCESSING 1966
 INVESTIGATION OF ELECTRON BEAM PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT DEC 1966
 PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES III DIAGNOSTIC EVALUATION OF SPEECH INTELLIGIBILITY FINAL REPORT
 COGNITIVE FACTORS IN INFORMATION PROCESSING
 COGNITIVE ASPECTS OF INFORMATION PROCESSING III SET FOR SPEED VERSUS ACCURACY
 HUMAN PERFORMANCE IN INFORMATION PROCESSING AND STORAGE FINAL REPORT JULY 1967
 A SYSTEM FOR AUTOMATIC COLLECTION AND PROCESSING OF GEOMAGNETIC DATA IN DIGITAL FORM
 HUMAN PERFORMANCE IN CONTINUOUS INFORMATION PROCESSING TASKS
 STUDY OF A COMPUTER FOR DIRECT EXECUTION OF LIST PROCESSING LANGUAGE FINAL REPORT JAN 1968
 INVESTIGATION OF ELECTRON BEAM AND HOLLOW CATHODE PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT NOV 1967
 PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS FINAL REPORT JUNE 1967
 PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS
 COMPARISON OF MULTIDIMENSIONAL DECISION-THEORETIC ANTENNA PROCESSING SYSTEM AND CONVENTIONAL SYSTEMS
 RESEARCH ON ELECTRONIC INTERACTION IN MATERIALS AND ON DATA PROCESSING THEORY FINAL REPORT NOV 1967
 ANALYSIS OF SPECTROGRAPHIC PLATED IN SEMICONDUCTOR RESEARCH BY PHOTO-ELECTRONIC PROCESSING.

AFCL68-0166
 AFOSR67-0403
 AFCL67-0557
 AFCL68-0543
 AFCL67-1637
 AFCL68-0119
 AFOSR67-2262
 AFOSR68-1521
 AFOSR67-2129
 AFCL67-0310
 AFCL67-0633
 AFCL67-0145
 AFCL67-0413
 AFCL67-0566
 AFCL68-0464
 AFCL68-0176
 AFCL67-0269
 AFCL67-0273
 AFCL67-0161
 AFCL67-1492
 AFOSR67-1811
 AFOSR67-1878
 AFCL68-0250
 AFOSR67-1801
 AFCL68-0047
 AFOSR68-0074
 AFOSR67-0674
 AFOSR68-2402
 AFCL68-0546
 AFCL67-2457
 ARL 68-0763

PROCESSOR

A VISUAL IMAGE PROCESSOR
 THE VISUAL IMAGE PROCESSOR
 SATELLITE DATA REDUCTION PROCESSOR SYSTEM
 SATELLITE INSTRUMENTATION PROCESSOR SYSTEM FINAL REPORT MAY 1968
 DESIGN AND IMPLEMENTATION OF FLIP A LISP FORMAT DIRECTED LIST PROCESSOR
 SPECIAL UTILITY PROGRAMS TO ENHANCE THE PERFORMANCE OF AN ON-LINE MEDIUM SIZE PROCESSOR USED FOR STATISTICAL

AFOSR68-2807
 AFOSR67-1405
 AFCL67-0551
 AFCL67-0244
 AFCL67-1511
 AFCL67-0030

PROCESSORS

ABSTRACT FAMILIES OF PROCESSORS
 A NONOLIC ADDITION TECHNIQUE FOR ASSOCIATIVE PROCESSORS

AFCL68-0477
 AFOSR67-1104

PRODUCT

HYDROGENATION PRODUCT OF TETRAPHENYLMETHANE. THE CYCLOHEXYL, PHENYL TETRASUBSTITUTED METHANES
DISTRIBUTION OF PRODUCT AND QUOTIENT OF BESSEL FUNCTION VARIATES
THE NATURE OF THE PRODUCT FROM THE REACTION BETWEEN OCTACARBONYLDICOBALT AND BIS (TRIFLUOROMETHYL) DIETHYLENE
ON THE CYCLE INDEX OF A PRODUCT OF PERMUTATION GROUPS
ON THE MINIMIZATION OF THE PRODUCT OF THE POWERS OF SEVERAL INTEGRALS
CASCADIC DECODING OF CYCLIC PRODUCT CODES
SOME COMPUTATIONAL ASPECTS OF THE TENSOR PRODUCT OF LINEAR PROGRAMS
THE EVALUATION OF AN INTEGRAL INVOLVING THE PRODUCT OF TWO GEGENBAUER POLYNOMIALS
UNITARY AND ANTIUNITARY RAY REPRESENTATIONS OF THE PRODUCT OF N COMMUTING PARITY OPERATORS
A REPRESENTATION OF A BOUNDED FUNCTION AS INFINITE PRODUCT IN A DOMAIN WITH BERGMAN-SHILOV BOUNDARY SURFACES

ARL 67-0225
AFOSR66-2182
AFOSR67-0604
AFOSR66-2036
AFOSR67-2627
AFOSR66-1805
ARL 67-1872
AFOSR66-1245
AFOSR67-0700
AFOSR66-2602

PRODUCTION

PRODUCTION OF MOLECULAR NITROGEN/A TRIPLE SIGNAL AND CARBON MONOXIDE /A TRIPLET P/ BY MERCURY PHOTORESISTANCE
PRODUCTION OF IONS BY ELECTROHYDRODYNAMIC SPRAYING TECHNIQUES
PRODUCTION OF UNIFORM DROPLETS BY MEANS OF AN ION DRAG PUMP
PRODUCTION OF NITROGEN MOLECULES /A-TRIPLET-SIGNAL/ AND CARBON MONOXIDE /A-TRIPLET-P/ BY MERCURY /SINGLET-P-/
PRODUCTION AND PROPAGATION OF PLASMOIDS IN A NONLINEAR ALFVEN WAVE
PRODUCTION OF ULTRAHIGH VACUUM BY FLASHED GETTERS
HEAT PRODUCTION IN A CANDIAC CONTRACTION
THERMAL PRODUCTION OF A POPULATION INVERSION IN CARBON DIOXIDE
ISOTOPE PRODUCTION AT ORNL
METHOD FOR PRODUCTION OF PLAZED OPTICAL DIFFRACTION GRATINGS FROM SINGLE CRYSTAL MATERIALS
MULTIPLE PION PRODUCTION IN S 5-GEV/C P1 MINUS PROTON INTERACTIONS
CHARGED DOUBLE PION PRODUCTION IN P1 PLUS P SCATTERING AT 910 MEV/C
CHARGED DOUBLE PION PRODUCTION IN P1 PLUS P SCATTERING AT 910 MEV/C
SYNTAX ANALYSIS BY A PRODUCTION LANGUAGE
MULTIPLE NEUTRAL PION PRODUCTION
HIGH-ENERGY BOUNDS FOR PRODUCTION REACTIONS
AMOUNT OF FOUR-PARTICLE PRODUCTION REQUIRED IN S-MATRIX THEORY
LOW-ENERGY CONSTRAINTS ON PION PRODUCTION AMPLITUDES IN P1 NUCLEON SCATTERING
AN EXPERIMENTAL STUDY OF TURBULENCE PRODUCTION NEAR A SMOOTH WALL IN A TURBULENT BOUNDARY LAYER WITH ZERO
LOWER BOUND ON THE DECAY RATE FOR BU PAIR PRODUCTION FROM THE EYA PARTICLE
REGGE POLES AND HIGH-ENERGY SINGLE-PARTICLE PRODUCTION

AFJ5R66-1420
AFJ5R66-2360
AFOSR66-2542
AFOSR66-2605
AFOSR66-2670
ARL 67-0075
AFOSR66-1692
ARL 66-0167
ARL 66-1285
AFOSR66-0333
AFOSR66-0142
ARL 67-0193
ARL 66-0329
AFOSR67-0284
AFOSR66-0136
AFOSR66-2265
AFOSR67-1720
AFOSR66-0198
AFOSR66-0383
AFOSR66-0274
AFOSR67-2793

PRODUCTS

ON PRODUCTS OF FINITE DIMENSIONAL STOCHASTIC MATRICES
MATRIX PRODUCTS AND THE EXPLICIT 3 6 9 AND 12-J COEFFICIENTS OF THE REGULAR PRESENTATION OF SU-N
1 7-AND 1 4-ADDITION PRODUCTS FROM THE REACTION OF BENZYL MAGNESIUM CHLORIDE AND TRANS-ALPHA-PHENYLCHALCONE
ENERGY DISTRIBUTION IN REACTION PRODUCTS THE PHOTOLYSIS OF CYCLOUTANONE
MORE ZEROS OF BESSEL FUNCTION CROSS PRODUCTS FINAL REPORT DECEMBER 1968
SURFACE EFFECTS IN SPEED COMBUSTION PRODUCTS /PROCEEDINGS OF A SPECIALISTS MEETING AGARD PROPULSION AND ENERGETICS
NOTE ON THE REALIZATION OF WHITEHEAD PRODUCTS
EFFECTS OF TASK CHARACTERISTICS ON GROUP PRODUCTS
DRAG MINIMIZATION AS THE EXTREMIZATION OF PRODUCTS OF POWERS OF INTEGRALS
THERMAL RADIATION OF HIGH TEMPERATURE COMBUSTION PRODUCTS FINAL REPORT JAN 1967
LOW TEMPERATURE SURFACE EMISSION IN SPEED COMBUSTION PRODUCTS
EFFECT OF PRESSURE ON CONDUCTANCE IV IONIC ASSOCIATION AND WALDEN PRODUCTS IN ETHANOL

AFOSR66-0369
AFOSR66-1006
AFOSR67-2422
AFOSR66-0043
ARL 66-0209
AFOSR67-1216
AFOSR67-1518
AFOSR66-1411
AFOSR67-0937
AFOSR67-0931
AFOSR67-0697
AFOSR66-0326

PROFILE

STEADY PROFILE OF A FINITE-AMPLITUDE KINEMATIC WAVE ON A GLACIER
DENSITY PROFILE MEASUREMENTS FINAL REPORT SEPT 1967
ALTITUDE PROFILE OF THE INFRARED ATMOSPHERIC SYSTEM OF OXYGEN IN THE DAYGLOW
THE RADIAL PROFILE OF NEON IS METASTABLE IN A HE-NE LASER AND THEIR LENS EFFECT ON LASING AT 6401A
BIOCHEMICAL PROFILE OF NERVE MEMBRANE FINAL REPORT FEB 1967
BIOCHEMICAL PROFILE OF NERVE MEMBRANE FINAL REPORT FEB 1968
UNIFIED SHOCK PROFILE IN A PLASMA
EXPERIMENTAL VELOCITY PROFILE DETERMINATIONS IN MID FLOW THROUGH A DIELECTRIC CIRCULAR CHANNEL
THE INFLUENCE OF A PERFECT GRATING ON THE LINE PROFILE OF A SPECTROGRAPH
QUANTUM THEORY OF AN OPTICAL MASER II SPECTRAL PROFILE
DETERMINATION OF A D-REGION NITRIC OXIDE DENSITY PROFILE BY VLF RADIO PROPAGATION
HIGH RAYLEIGH WAVE PHASE VELOCITIES FOR THE NEW DELHI INDIA-LAHORE PAKISTAN PROFILE
A FEASIBILITY AND DESIGN STUDY FOR AN AIRBORNE RADIO-METRIC SYSTEM TO MEASURE REMOTELY THE VERTICAL PROFILE OF

AFOSR66-1113
AFOSR67-2364
AFOSR66-0500
ARL 66-1444
AFOSR67-1337
AFOSR66-1600
AFOSR66-0645
ARL 66-1191
AFOSR67-0974
AFOSR66-1007
AFOSR67-0170
AFOSR67-0022
AFOSR66-0107

PROFILES

DROPLET PROFILES OF THE 5977 A AIRGLOW
DAYTIME TEMPERATURE PROFILES
WIND AND TEMPERATURE PROFILES FROM PROPERLY LOCATED
ASYMPTOTIC BEHAVIOR OF VELOCITY PROFILE IN THE PRANDTL BOUNDARY LAYER THEORY
NUMERICAL EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING STABILIZATION
MEASUREMENT OF ROTATIONAL-VELOCITY AND ION-VELOCITY PROFILES IN PLASMA VORTICES
TEMPERATURE SPECTRA ENERGY DENSITY APPLIED TO VERTICAL PROFILES OF THE HORIZONTAL WIND IN THE LOWER IONOSPHERE
A GENERAL COMPUTER PROGRAM FOR EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING
CALCULATION OF ABSORPTION AND GAIN FROM SPONTANEOUS EMISSION PROFILES
SCANNING ELECTRON MICROSCOPE INVESTIGATION OF PLASMA DIFFUSION ON JUNCTION PROFILES NEAR THE EDGE OF A DIFFUSION MASK
DETERMINATION OF LOSS AND TRANSMISSION IN THE NIGHT-TIME P-REGION FROM BACKSCATTER R-H PROFILES

AFOSR67-0443
AFOSR67-0007
AFOSR67-0334
AFOSR66-2111
ARL 66-1007
AFOSR67-0001
AFOSR67-0058
ARL 66-0058
AFOSR67-2631
AFOSR66-1173
AFOSR67-2627

PROGRAM

NUMERICAL SOLUTIONS TO SPACE SCIENCE PROBLEMS
PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS FINAL REPORT FEB 1963
PROGRAM ON SYSTEMS RESEARCH FINAL REPORT DEC 1968
PROGRAM ON DRIVING RESEARCH IN ELECTRIC ARC TECHNOLOGY
PROGRAM AND PROGRESS OF RESEARCH ON ELECTRIC ARC TECHNOLOGY
PROGRAM AND PROGRESS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY
PROGRAM AND PROGRESS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY WITH RESPECT TO AIRSPACE APPLICATIONS
A PROGRAM TO ESTABLISH THE AIR FORCE PROGRAM FOR SPACE CHEMISTRY FINAL REPORT JULY 1967
A PROGRAM TO OBTAIN FUNDAMENTAL NUCLEAR DATA FROM HIGH INTENSITY MEASUREMENTS AND TO INVESTIGATE GEOMETRICAL
AND PROGRAM AND PROGRESS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY
AFOSR66-0100 STRUCTURE FINAL REPORT DEC 1967
SPECIAL PROGRAM IN MATHEMATICAL ANALYSIS
COMPUTER PROGRAM FOR THE CALCULATION OF VELOCITY PROFILES IN AN ELECTROHYDRODYNAMIC GENERATOR FINAL REPORT AUGUST 1966
COMPUTER PROGRAM FOR THE AIR FORCE OFFICE OF SCIENTIFIC RESEARCH FINAL REPORT OCT 1967
A COMPUTER PROGRAM FOR DESIGNING AND PROVING SEQUENTIAL RECOGNITION ALGOS FOR WELL-PURPOSED FINISHES DEFINED BY A
A COMPUTER PROGRAM FOR CALCULATING THE EFFECTS OF THE RECIPROCAL LATTICE IN ANY CRYSTAL SYSTEM
TRANSFORMATION OF NUCLEAR SCHEMES TO SCALAR FORM
EXPERIMENTAL STUDY PROGRAM TO INVESTIGATE LIMITATIONS IN FOURIER SPECTROSCOPY FINAL REPORT JAN 1968
A GENERAL COMPUTER PROGRAM FOR CALCULATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING
THE RADIATION EMISSION PROGRAM FINAL REPORT FEB 1967
THE RADIATION EMISSION PROGRAM FOR CALCULATION OF NEAR FIELD IN THE THERMAL PLASMA REGION
FINAL REPORTS OF THE RADIATION EMISSION PROGRAM FINAL REPORT FEB 1967
FINAL REPORTS OF THE RADIATION EMISSION PROGRAM FINAL REPORT MARCH 1968
A STUDY MANUAL FOR A COMPUTER PROGRAM TO REDUCE SPECTROSCOPIC DATA FROM A POTENTIALLY SYMMETRIC PLASMA FINAL REPORT APR 1968

AFOSR67-0445
AFOSR67-0006
AFOSR66-2477
ARL 66-1308
ARL 66-1309
ARL 66-1314
ARL 66-1322
AFOSR67-1404
AFOSR66-2645
ARL 66-1311
AFOSR67-2517
AFOSR66-2181
ARL 66-0155
AFOSR67-2626
AFOSR67-0750
ARL 66-0151
AFOSR66-1544
AFOSR66-0331
ARL 66-0154
AFOSR67-0114
AFOSR67-2150
AFOSR67-1114
AFOSR66-0644

PROGRAM

- CONTINUED

BIRKHOFF NORMALIZATION PROCESS PROGRAM FOR TIME-INDEPENDENT HAMILTONIAN SYSTEMS
 BIRKHOFF NORMALIZATION PROCESS PROGRAM FOR TIME-DEPENDENT HAMILTONIAN SYSTEMS
 A PROGRAM TO ESTABLISH THE AFOSR PROGRAM FOR SPACE CHEMISTRY FINAL REPORT JULY 1967
 ULTRA PRECISION BASE LINE MEASUREMENT PROGRAM FINAL REPORT PER 1967
 A THEORETICAL AND EXPERIMENTAL RESEARCH PROGRAM IN ELECTRO-MAGNETIC FIELDS WITH EMPHASIS ON TEMPORAL AND SPATIAL
 FIFTH ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW
 METEOROLOGICAL PROF. PHN-88 QUALIFICATION PROGRAM FINAL REPORT FEB 1968
 THE DSD-III SOLAR ULTRAVIOLET DATA ANALYSIS PROGRAM FINAL REPORT NOV 1968
 PROCEEDINGS OF ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW 4TH AUSTIN TEXAS 16-17 MAR 1967
 OPERATION INSTRUCTIONS AND DESCRIPTION OF COMPUTER PROGRAM FOR FINITE DIFFERENCE SOLUTIONS OF THE LAMINAR COMPRESSIBLE
 CAMBRIDGE ATMOSPHERIC DENSITY NUMERICAL INTEGRATION PROGRAM CADNIP FINAL REPORT AUG 1967
 THE STATISTICAL AND COMPUTATIONAL ANALYSIS OF A SIMPLE LEARNING PROGRAM FINAL REPORT MARCH 1968
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM PROGRAM MANUAL FINAL REPORT FEB 1968

PROGRAMMABLE-LOGIC
 PROGRAMMABLE-LOGIC ARRAYS
 PROGRAMMED
 THE CONTROL OF LEARNING IN SMALL SUBSYSTEMS OF A PROGRAMMED EDUCATIONAL SYSTEM
 PROGRAMMES
 PROGRAMMES SEPARATE PAR TRANSMISSION MULTIPLEX
 PROGRAMMING
 CONVEX PROGRAMMING AND OPTIMAL CONTROL
 CONVEX PROGRAMMING AND SYSTEMS OF ELEMENTARY MONOTONIC RELATIONS
 SCADS A PROGRAMMING SYSTEM FOR THE SIMULATION OF COMBINED ANALOG DIGITAL SYSTEMS
 NONLINEAR PROGRAMMING IN BANACH SPACE
 QUADRATIC PROGRAMMING IN COMPLEX SPACE
 DUALITY IN LINEAR PROGRAMMING
 DUALITY IN NONLINEAR PROGRAMMING
 ALGEBRA AUTOMATA I PARALLEL PROGRAMMING AS A PROLEGOMENA TO THE CATEGORICAL APPROACH
 WRITEACOURSE AN EDUCATIONAL PROGRAMMING LANGUAGE
 A CLASS OF CONTINUOUS CONVEX PROGRAMMING PROBLEMS
 A DATA DEFINITION FACILITY FOR PROGRAMMING LANGUAGES
 SYMMETRIC DUALITY FOR QUADRATIC PROGRAMMING IN COMPLEX SPACE
 SYMMETRIC DUALITY IN MATHEMATICAL PROGRAMMING
 SYMMETRIC DUALITY IN MATHEMATICAL PROGRAMMING
 AN INTRODUCTORY COURSE IN COMPUTER PROGRAMMING
 AN ADAPTIVE TREE PRUNING SYSTEM A LANGUAGE FOR PROGRAMMING HEURISTIC TREE SEARCHES

PROGRAMS
 SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART I-THEORETICAL BACKGROUND AND APPLICATIONS
 SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART II-PROGRAM MANUAL
 COMPUTER PROGRAMS INTERNAL REPRESENTATION FINAL REPORT MAY 1968
 RESEARCH PROGRAMS FOR ALYTING DETECTION AND IDENTIFICATION OF PATHOGENS FINAL REPORT JULY 1967
 RESEARCH PROGRAMS FOR ALYTING DETECTION AND IDENTIFICATION OF PATHOGENS
 COMPUTER PROGRAMS FOR THE ANALYSIS OF GAMMA-RAY ANGULAR CORRELATION MEASUREMENTS FINAL REPORT AUG 1967
 SPECIAL UTILITY PROGRAMS TO ENHANCE THE PERFORMANCE OF AN ON-LINE MEDIUM SIZE PROCESSOR USED FOR STATISTICAL
 TECHNIQUES AND COMPUTER PROGRAMS TO COMPLY GRAVITY FROM IN-FLIGHT MAGNETIC TAPE RECORDINGS FINAL REPORT JUNE 1967
 COMPUTER PROPERTIES AND PROGRAMS FOR THE AUTOMATION OF COGNITIVE PROCESSES FINAL REPORT DEC 1966
 LINE COMPUTER USER-INTERACTIVE PROGRAMS AND MACRO INSTRUCTIONS
 REMAN RESEARCH AND INSTRUMENTATION PROGRAMS AT SACRAMENTO PEAK OBSERVATORY AND HIGH ALTITUDE OBSERVATORY FINAL REPORT
 SOME COMPUTATIONAL ASPECTS OF THE TENSOR PRODUCT OF LINEAR PROGRAMS
 AN EXAMPLE OF HUMAN CHIPS, ONE IN THE LIGHT OF CHESS PLAYING PROGRAMS
 A GENERAL CORRESPONDENCE BETWEEN EQUAL BINARY PROBLEMS AND CONVEX PROGRAMS
 THE FORMULATION OF SOME ALLOCATION AND CONNECTION PROBLEMS AS INTEGER PROGRAMS

PROGRESS
 PROGRESS REPORT NO 32 TO THE JOINT SERVICES TECHNICAL ADVISORY COMMITTEE
 PROGRESS REPORT NO 33 TO THE JOINT SERVICES TECHNICAL ADVISORY COMMITTEE
 RECENT PROGRESS IN PERCEPTRON RESEARCH
 RECENT PROGRESS IN PERCEPTRON RESEARCH
 MIND AND PROGRESS IN REVOLUTIONIZING CHINA
 A SURVEY OF PROGRESS IN COGNITIVE THEORY IN THE SOVIET UNION FINAL REPORT DEC 1967
 COMBINED SOLAR SEMIANNUAL PROGRESS REPORT NO 1
 PART I SUMMARY OF THE HELIOGNEUM STRUCTURE OF THE SOLAR ATMOSPHERE A PROGRESS REPORT 1964-6 PART II LAMBDA-METER NO
 EXPERIMENTAL INVESTIGATION OF CHEMICAL PHENOMENA PUBLISHED IN REPORTS ON PROGRESS IN PHYSICS V30 PT2 PP731-826 1967

PROCESSING
 THE IMPROVING WAVE FORMALISM FOR ELECTROMAGNETIC WAVES FROM MOVING SOURCES

PROGRESSIVE
 NONSYMMETRIC BUCKLE PATTERNS IN PROGRESSIVE PLASTIC BUCKLING

PROJECT
 THE S-WAVE PROJECT FOR LOCAL MECHANISM STUDIES: TECHNIQUES OF 1963
 THE S-WAVE PROJECT FOR LOCAL MECHANISM STUDIES: FINAL REPORT MARCH 1966
 REAL EIGHTH PROJECT REPORT
 SUPPLEMENTARY CARBON STUDIES PROJECT RESEARCH FINAL REPORT JUNE 1968
 WIND AND TEMPERATURE PROFILES FROM PROJECT GROUND SERIES

PROJECTION
 A PROJECTION METHOD FOR SIGNAL DETECTION IN CLUTTER AND GAUSSIAN NOISE
 ON THE PROJECTION OF A SPHERICAL OBJECT
 ON THE RADIAL PROJECTION IN WINDY SPACE
 CHOICE OF AIDS FOR PROJECTION IN CLUTTER AND GAUSSIAN NOISE
 ANALYSIS OF VARIANCE

PROJECTIONS
 CONTINUITY OF PROJECTIONS
 STRUCTURE OF A PROJECTIONS FOR ELEMENTARY PROJECTIONS FINAL REPORT JUNE 1967

AFOSR67-0123
 AFOSR68-0879
 AFOSR67-1494
 AFCL67-0162
 AFCL68-0103
 AFOSR68-0381
 AFCL68-0132
 AFCL68-0570
 AFOSR67-0851
 ARL 67-0098
 AFCL67-- 04
 AFOSR68-0505
 AFCL68-0129

AFCL68-0113

AFOSR67-7722

ARL 68-0242

AFOSR68-0300
 AFOSR68-2440
 AFOSR67-2518
 AFOSR68-0086
 ARL 68-0288
 ARL 68-1272
 AFOSR68-2436
 AFOSR68-0453
 AFOSR68-1299
 ARL 68-0367
 AFOSR67-2045
 ARL 68-0090
 ARL 67-1029
 ARL 67-1030
 AFOSR67-2886
 AFOSR68-0038

AFCL67-0392
 AFCL67-0393
 AFCL68-0319
 AFOSR67-2006
 AFOSR68-2180
 ARL 67-0168
 AFCL67-0605
 AFCL67-0522
 AFOSR67-0703
 AFOSR67-1465
 AFCL67-0390
 ARL 67-1272
 AFOSR67-0260
 AFOSR68-2438
 AFOSR67-0441

AFOSR67-2582
 AFOSR68-2163
 ARL 68-1070
 ARL 68-1071
 AFOSR67-0674
 AFOSR68-0590
 AFOSR67-1967
 AFOSR68-2193
 AFCL67-0094
 AFOSR68-0268

AFCL67-0521

AFOSR67-1260

AFCL67-0086
 AFOSR67-0301
 AFOSR68-1838
 AFOSR68-1940
 AFCL67-0339

AFOSR68-0183
 AFOSR68-1024
 AFOSR68-2785
 AFCL68-0303

AFOSR69-2781
 OPA 67-0004

| | |
|---|--------------|
| PROJECTIVE | |
| ON IRREDUCIBLE REPRESENTATION OF A CLASS OF ALGEBRAS AND RELATED PROJECTIVE REPRESENTATIONS | AFOSR67-0793 |
| PROJECTOR | |
| A SIXTEEN-UNIT PROJECTOR WITH MICROSECOND TURN-ON TIME | AFOSR67-1808 |
| PROJECTS | |
| SEVEN PROJECTS IN STELLAR AND UPPER ATMOSPHERIC PHYSICS FINAL REPORT NOV 1968 | AFRL68-0619 |
| PROLEGOMENA | |
| ALGEBRA AUTOMATA I PARALLEL PROGRAMMING AS A PROLEGOMENA TO THE CATEGORICAL APPROACH | AFOSR68-0433 |
| PROMINENCES | |
| CLASSIFICATION OF SOLAR PROMINENCES FOR SUNSPOT CYCLE NO 19 - 1964 | AFRL67-0035 |
| CLASSIFICATION OF SOLAR PROMINENCES FOR SUNSPOT CYCLE NO 19 / 1955-1964 - SUMMARY | AFRL67-0200 |
| PROMINENT | |
| INVESTIGATIONS OF NITROGEN RAY SYSTEMS PROMINENT IN ELECTRIC DISCHARGES FINAL REPORT MAR 1968 | AFRL68-0565 |
| PROMOTION | |
| ON THE PROMOTION OF PHYSICS IN OUR COMMUNITY | ARL 68-145H |
| PRONOUNCABILITY | |
| COMPARATIVE PRONOUNCABILITY RATINGS /P/ OF 100 CVCS IN TWO COLLEGE POPUL | AFOSR67-2133 |
| PRONUNCIABILITY | |
| STIMULUS PRONUNCIABILITY IN AURAL PAIRED-ASSOCIATE LEARNING | AFOSR67-1627 |
| PRONYS | |
| DECODING OF BOSE-CHANDRURI-MOQUENGHEM CODES AND PRONYS METHOD FOR CURVE FITTING | AFOSR68-0745 |
| PROOF | |
| PROOF PROCEDURES AND DECISION PROCEDURES BASED ON THE RESOLUTION METHOD FINAL REPORT AUG 1968 | AFOSR68-1823 |
| A PROOF OF CONTROLLABILITY OF JORDAN FORM STATE EQUATIONS | AFOSR68-2283 |
| A PROOF THAT $2 \text{ GAMMA } 2 \text{ EQUALS GAMMA } 2 \text{ PLUS } 1$ | ARL 68-0238 |
| RAY PROOF SLIT MOUNT FOR X-RAY POWDER DIFFRACTOMETERS | AFOSR67-0169 |
| A SIMPLER PROOF OF SMITHS ROULETTE THEOREM | AFOSR68-1533 |
| PROOF-OF-CONCEPT | |
| AN ADVANCED METEOROLOGICAL SOUNDING SYSTEM PHASE II /PROOF-OF-CONCEPT/ | AFRL67-0268 |
| PROOFS | |
| PROOFS OF SOME CONJECTURES ON PERMANENTS | AFOSR67-0321 |
| NEW PROOFS OF OLD THEOREMS IN LOGIC AND FORMAL LINGUISTICS | AFOSR67-2517 |
| SUFFICIENCY PROOFS FOR THE PROBLEM OF THE OPTIMUM TRANSVERSAL CONTOUR | AFOSR67-1596 |
| PROPAGANDA | |
| PROPAGANDA CAMPAIGNS IN COMMUNIST CHINA | AFOSR67-0963 |
| PROPAGATION | |
| PROPAGATION OF DISTURBANCES IN A GUTENBERG-RULLEN A SPHERICAL EARTH MODEL TRAVEL TIMES AND AMPLITUDES OF S WAVES | AFRL67-0291 |
| PROPAGATION OF LONG ELECTROMAGNETIC WAVES THROUGH ROCK | AFRL67-0361 |
| PROPAGATION IN WAVEGUIDES FILLED WITH WARM PLASMA | AFRL67-0419 |
| PROPAGATION CHARACTERISTICS OF MICROPULSATIONS FINAL REPORT AUG 1967 | AFRL67-0540 |
| PROPAGATION OF WAVES IN SPECIAL MEDIA AND GEOMETRIES FINAL REPORT NOV 1967 | AFRL68-0073 |
| PROPAGATION OF LOW AND HIGH POWER RADIO WAVES IN IONIZED | AFRL68-0077 |
| PROPAGATION OF SPHERICAL WAVE IN NON-STATIONARY MEDIA | AFRL68-0333 |
| PROPAGATION OF CORRELATIONS IN A ROLZMANN GAS | AFOSR67-1030 |
| PROPAGATION OF FINITE AMPLITUDE WAVES IN SINGLE CRYSTALS OF HIGH-PURITY ALUMINIUM | AFOSR67-1939 |
| A PROPAGATION EXPERIMENT FOR MEASURING ELECTRON DENSITY IN THE D-REGION OF THE IONOSPHERE | AFRL67-0536 |
| WAVE PROPAGATION IN A NON-MAXWELLIAN MAGNETOACTIVE NONLINEAR PLASMA FINAL REPORT MAY 1967 | AFRL67-0319 |
| WAVE PROPAGATION ALONG PERIODIC STRUCTURES AND PLASMA SLABS FINAL REPORT MAY 1967 | AFRL67-0441 |
| WAVE PROPAGATION IN MATERIALS HAVING FREQUENCY DEPENDENT RHEOLOGICAL PROPERTIES | AFRL68-0141 |
| WAVE PROPAGATION IN A RANDOM MEDIUM | AFRL68-0343 |
| WAVE PROPAGATION IN THIN RODS WITH QUIESCENT TEMPERATURE GRADIENTS | AFOSR67-1022 |
| WAVE PROPAGATION IN SOLID STATE PLASMAS FINAL REPORT JULY 1968 | AFOSR68-1548 |
| WAVE PROPAGATION IN A SANDWICH RING | AFOSR68-2269 |
| WAVE PROPAGATION IN LAMELLAR COMPOSITE MATERIALS | AFOSR68-2270 |
| WAVE PROPAGATION IN A DISSOCIATING AND DIFFUSING GAS | ARL 67-1187 |
| FLAME PROPAGATION ALONG THE INTERFACE BETWEEN A GAS AND A REACTING MEDIUM | AFOSR67-7681 |
| FLAME PROPAGATION OVER THE SURFACE OF A PLASTIC FUEL IN AN OXIDIZING ATMOSPHERE FINAL REPORT OCT 1967 | AFOSR68-1163 |
| STALL PROPAGATION IN A CASCADE OF AIRFOILS | AFOSR68-2306 |
| STRESS PROPAGATION AND SPALLATION CONE KINETICS IN PENETRATED THIN PLATES | AFATL67-0167 |
| HELICON PROPAGATION IN HGSUBXCOSUMI-XTE | ARL 68-0297 |
| PLANE WAVE PROPAGATION THROUGH A COMPRESSIBLE INHOMOGENEOUS PLASMA | AFRL67-0299 |
| STRESS WAVE PROPAGATION IN A PRESTRESSED MEDIUM FINAL REPORT OCT 1967 | AFRL67-0529 |
| ANISOTROPIC PROPAGATION OF SOLAR PROTONS DEDUCED FROM SIMULTANEOUS OBSERVATIONS BY EARTH SATELLITES AND THE MARINER | AFOSR67-1212 |
| NOTE ON THE PROPAGATION OF ELASTIC WAVES IN A NONHOMOGENEOUS ROD OF FINITE LENGTH | AFOSR67-1957 |
| TEMPERATURE PROPAGATION IN ANHARMONIC SOLIDS | AFOSR68-1136 |
| FORCE SOUND PROPAGATION IN GASES OF ARBITRARY DENSITY | AFOSR67-0705 |
| RADIATION AND PROPAGATION OF ELECTROMAGNETIC WAVES FROM MOVING SOURCES | AFRL67-0116 |
| TRANSIENT WAVE PROPAGATION IN A PLASMA | AFRL67-0393 |
| SCATTERING AND PROPAGATION OF ELECTROMAGNETIC WAVES IN BOUNDED PARAMETRICALLY MODULATED MEDIA | AFOSR68-1667 |
| PRODUCTION AND PROPAGATION OF PLASMOIDS IN A NONLINEAR ALFVEN WAVE | AFOSR68-2670 |
| LABORATORY STUDIES OF PROPAGATION OF MAGNETIC DISTURBANCES IN THE MAGNETOSPHERE FINAL REPORT JULY 1968 | AFRL68-0415 |
| THEORY OF IMPACT STRESS PROPAGATION AND DYNAMIC FRACTURE | AFATL67-0119 |
| THERMODYNAMICS AND WAVE PROPAGATION | AFOSR67-0045 |
| PLASMA HEATING AND WAVE PROPAGATION AT HARMONICS OF THE ION CYCLOTRON FREQUENCY | AFOSR67-2496 |
| THERMODYNAMICS AND WAVE PROPAGATION IN NON-LINEAR MATERIALS WITH MEMORY | AFOSR68-1751 |
| THEORETICAL STUDY OF THE PROPAGATION OF INFRASONIC WAVES IN THE ATMOSPHERE FINAL REPORT FEB 1967 | AFRL67-0172 |
| LOGIC DESIGN TECHNIQUES FOR PROPAGATION LIMITED NETWORKS FINAL REPORT NOV 1967 | AFRL68-0002 |
| AN INVESTIGATION OF SEISMIC WAVE PROPAGATION IN THE EASTERN UNITED STATES | AFOSR68-1483 |
| A COMPUTER STUDY OF THE ESTIMATED PROPAGATION OF ERRORS IN THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL | ARL 67-1004 |

PROPAGATION

- CONTINUED

THE PARAMETRIC COUPLING OF MODES OF PROPAGATION IN NONLINEAR MEDIA
 THE PEAK GAIN METHOD FOR DETERMINING PROPAGATION CHARACTERISTICS OF INSTABILITIES
 HYDROMAGNETIC WAVES IN THE IONOSPHERE PROPAGATION THROUGH INHOMOGENEOUS AND CURRENT CARRYING REGIONS
 HIGH POWER PLASMA HEATING AND WAVE PROPAGATION NEAR THE FUNDAMENTAL AND HARMONICS OF THE ION CYCLOTRON FREQUENCY
 SINGLE-COLLISION-TIME THEORY OF SOUND PROPAGATION IN LIQUID HELIUM-4 BELOW 0.6 DEGREES KELVIN
 A STUDY OF THE MECHANISMS OF WHISTLER PROPAGATION AND VLF EMISSION GENERATION FINAL REPORT JAN 1968
 EFFECT OF TEMPERATURE GRADIENTS ON THE PROPAGATION OF ELASTOPLASTIC WAVES
 A SATELLITE-TO-SATELLITE HF IONOSPHERIC PROPAGATION ENVIRONMENT STUDY
 COLLECTION AND ANALYSIS OF SEISMIC WAVE PROPAGATION DATA
 THE PRESSURE-FLOW RELATIONSHIP IN LONG-WAVE PROPAGATION IN LARGE ARTERIES
 A THEORETICAL STUDY OF TROPOSPHERIC RADIO WAVE PROPAGATION FINAL REPORT JAN 1967
 THEORY OF THE RYDOW APPROXIMATION IN OPTICAL PROPAGATION CALCULATIONS
 KAKAOA AIR-SEA WAVES AN EXAMPLE OF PULSE PROPAGATION IN COUPLED SYSTEMS
 EFFECTS OF AEROSOLS IN THE ATMOSPHERE ON THE PROPAGATION OF MICROWAVE SIGNALS
 THE INTERPLANETARY MAGNETIC FIELD ON THE PROPAGATION OF COSMIC RAYS FINAL REPORT FEB 1968
 EXPERIMENTAL INVESTIGATION OF HARMONIC ION CYCLOTRON WAVE PROPAGATION AND ATTENUATION
 PROTONS ASSOCIATED WITH CENTERS OF SOLAR ACTIVITY AND THEIR PROPAGATION IN INTERPLANETARY MAGNETIC FIELD REGIONS
 WAVE-FRONT OBSERVATIONS AT 35 GHz ON A LINE-OF-SIGHT RADIO-WAVE PROPAGATION PATH FINAL REPORT DEC 1967
 WAVE-FRONT OBSERVATIONS AT 35 GHz ON A LINE-OF-SIGHT RADIO- WAVE PROPAGATION PATH
 QUANTUM STRUCTURE IN THE DIELECTRIC FUNCTION OF METALS AND ANOMALOUS PROPAGATION MODES
 EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION
 EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION FINAL REPORT OCT 1968
 DETERMINATION OF A D-REGION NITRIC OXIDE DENSITY PROFILE BY VLF RADIO PROPAGATION
 THE RESOLUTION OF THE THERMODYNAMIC PARADOX AND THE THEORY OF GUIDED WAVE PROPAGATION IN ANISOTROPIC MEDIA
 OBSERVATION OF QUANTUM SPIN AND HIGH FIELD DAMPING EFFECTS IN MICROWAVE HELICON PROPAGATION IN DEGENERATE
 MEASUREMENT OF THE CONDUCTIVITY AND DIELECTRIC CONSTANT OF A HOMOGENEOUS MEDIUM BY MEANS OF WAVE PROPAGATION

AFOSR68-0827
 ARL 68-1476
 AFCL67-0236
 AFOSR67-0280
 AFOSR68-0151
 AFOSR68-0219
 AFOSR68-2820
 AFCL67-0374
 AFOSR67-2793
 AFOSR67-0500
 AFCL67-0112
 AFOSR67-0484
 AFOSR68-1433
 AFOSR67-0828
 AFCL68-0210
 AFOSR67-1364
 AFOSR68-0880
 AFOSR68-0096
 AFCL67-0696
 AFOSR68-1788
 AFCL67-0447
 AFCL68-0309
 AFCL67-0170
 AFOSR68-1193
 AFOSR67-0215
 AFCL68-0440

PROPAGATION-BASED

A STUDY OF DISCRETE PROPAGATION-BASED MODELS FOR PICTORIAL PATTERN ANALYSIS FINAL REPORT JUNE 1967

AFCL67-0467

PROPAGATIONS

WAVE PROPAGATIONS IN A PLASMA

ARL 68-1036

PROPAGATOR

TFST-PARTICLE PROPAGATOR AND ITS APPLICATION TO THE DECAY OF PLASMA WAVE ECHOES

AFOSR69-2653

PROPAGATORS

CONVARIANT PROPAGATORS AND VERTEX FUNCTIONS FOR ANY SPIN
 NONANALYTICAL PROPERTIES OF PROPAGATORS THE $1/G$ PHIL THEORY

AFOSR67-1609
 AFOSR67-1505

PROPANE

RADIATION CHEMISTRY OF PROPANE
 RADIATION CHEMISTRY OF PROPANE
 ION-MOLECULE REACTIONS IN PROPANE
 ION-MOLECULE REACTIONS IN PROPANE
 ION-MOLECULE REACTIONS OF PROPANE IONS WITH BENZENE, 1,3-BUTADIENE, HYDROGEN SULFIDE, AND NITRIC OXIDE

ARL 67-1136
 ARL 68-0006
 ARL 67-0172
 ARL 67-1244
 ARL 68-0058

PROPELLANT

SOLID PROPELLANT IGNITION BY CONVECTIVE HEATING FINAL REPORT OCT 1966
 COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS
 COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS FINAL REPORT JUNE 1968
 RESPONSE OF A BURNING PROPELLANT SURFACE TO ERODIVE TRANSIENTS
 RESPONSE OF A BURNING PROPELLANT SURFACE TO ERODIVE TRANSIENTS
 RESPONSE OF A BURNING PROPELLANT SURFACE TO ERODIVE TRANSIENTS
 RESPONSE OF A BURNING PROPELLANT SURFACE TO ERODIVE TRANSIENTS
 RESPONSE OF A BURNING PROPELLANT SURFACE TO ERODIVE TRANSIENTS FINAL REPORT 1968
 AMMONIUM PERCHLORATE-BASED PROPELLANT IGNITION BY LOW-CONVECTIVE HEAT FLUXES
 EXTINGUISHMENT OF BURNING SOLID PROPELLANT FINAL REPORT MAY 1967
 SOLID PHASE REACTIONS IN SOLID PROPELLANT IGNITION AND COMBUSTION FINAL REPORT OCT 1968
 COMBUSTION INSTABILITY IN LIQUID PROPELLANT ROCKET ENGINES FINAL REPORT OCT 1966
 FLAME-PILOTING MECHANISMS IN LIQUID PROPELLANT ROCKET ENGINES
 STATIC AND DYNAMIC INSTABILITIES OF A PROPELLANT LINE
 THE EFFECT OF NON-EQUILIBRIUM COMBUSTION ON PROPELLANT PERFORMANCE
 DEPRESSURIZATIONS INDUCED EXTINGUISHMENTS OF BURNING SOLID PROPELLANT
 THEORETICAL EFFECT OF NONEQUILIBRIUM COMBUSTION ON HYDRAZINE/NITROGEN TETROXIDE PROPELLANT PERFORMANCE

AFOSR67-0932
 AFOSR67-1765
 AFOSR68-1114
 AFOSR67-0880
 AFOSR67-1778
 AFOSR67-1928
 AFOSR67-2405
 AFOSR68-0771
 AFOSR68-1665
 AFOSR67-1767
 AFOSR68-2207
 AFOSR67-0149
 AFOSR67-0930
 AFOSR67-1395
 AFOSR67-2004
 AFOSR68-1266
 AFOSR68-1290

PROPELLANTS

EXTINGUISHMENT OF SOLID PROPELLANTS BY RAPID DEPRESSURIZATION
 IGNITION AND COMBUSTION OF SOLID PROPELLANTS FINAL REPORT SEPT 1968
 COMBUSTION IRREGULARITIES OF SOLID PROPELLANTS FINAL REPORT AUG 1967
 COMBUSTION IRREGULARITIES OF SOLID PROPELLANTS FINAL REPORT AUG 1967
 NONSTEADY BURNING PHENOMENA OF SOLID PROPELLANTS THEORY AND EXPERIMENTS
 NON-STEADY BURNING PHENOMENA OF SOLID PROPELLANTS THEORY AND EXPERIMENT
 SURFACE TEMPERATURE MEASUREMENTS ON SOLID PROPELLANTS DURING IGNITION
 A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS
 CHARACTERIZATION OF VOLATILIZED SPECIES FROM SOLID PROPELLANTS
 A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS

AFOSR68-1945
 AFOSR67-1901
 AFOSR67-2028
 AFOSR68-1191
 AFOSR68-1792
 AFOSR67-1535
 AFOSR68-0034
 AFOSR67-1534
 AFOSR68-1355
 AFOSR68-1801

PROPER-MOTION

OBSERVATIONS OF PROPER-MOTION STARS III

AFOSR68-0960

PROPERTIES

PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE
 PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE FINAL REPORT NOV 1967
 PROPERTIES OF THE CORE-MANTLE BOUNDARY AND OBSERVATIONS OF PCP
 PROPERTIES OF A HARMONIC CRYSTAL IN A STATIONARY NONEQUILIBRIUM STATE
 PROPERTIES OF THE $1/19$ -DIMENSIONAL SU(4) SUPERMULTIPLETS OF NEGATIVE-PARITY EXCITATIONS OF OXYGEN 16 USING REALISTIC
 PROPERTIES OF ELECTRICALLY EXCITABLE MEMBRANES FINAL REPORT NOV 1967
 PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM THE EFFECT OF PRESSURE ON THE PROPERTIES OF THE NEGATIVE ION
 PROPERTIES OF RESILIN AND PLASTOMERS IN INSECTS FINAL REPORT JAN 1968
 PROPERTIES OF SOLID SOLUTIONS IN METALS FINAL REPORT MARCH 1968
 PROPERTIES OF GAS LASERS FINAL REPORT APRIL 1968
 PROPERTIES OF FREEDMAN-WANG AMPLITUDES
 PROPERTIES OF SIMPLE LIQUIDS
 PROPERTIES OF THE ATPASE SYSTEM FROM THE SHEATH OF SQUID GIANT AXONS
 PROPERTIES OF AN ANTIKOSOV FLUXOID IN TYPE-II SUPERCONDUCTORS
 PROPERTIES OF CHAPMAN-JOUQUET DISTRIBUTIONS IN STOICHIOMETRIC HYDROGEN-OXYGEN MIXTURES DILUTED WITH HELIUM AND HYDROGEN

AFCL67-0463
 AFCL68-0009
 AFCL68-0818
 AFOSR67-2018
 AFOSR67-2691
 AFOSR67-2741
 AFOSR68-0111
 AFOSR68-0395
 AFOSR68-0854
 AFOSR68-0969
 AFOSR68-1228
 AFOSR68-1348
 AFOSR68-1707
 AFOSR68-1840
 ARL 67-0019

PROPERTIES OF P SUPPER 30 LEVELS FROM THE S1 SUPPER 29 P. GAMMA/P SUPPER 30 REACTION: 1
 PROPERTIES OF SOME EXCITED STATES IN C1 SUPPER 33 REACTION
 PROPERTIES OF P SUPPER 31 LEVELS DETERMINED FROM THE S1 SUPPER 30 P. GAMMA /P SUPPER 31 REACTION
 PROPERTIES OF THE ARL MAGNETO PLASMA DEVICE PART I SYSTEM OPERATION AND PLASMA GENERATION FINAL REPORT MAY 1968
 PROPERTIES OF LEVELS IN V1 SUPPER 47 FROM THE T1 SUPPER 46 P. GAMMA V1 SUPPER 47 REACTION
 PROPERTIES OF C1 SUPPER 37 FROM THE S1 SUPPER 36 P. GAMMA C1 SUPPER 37 REACTION
 PROPERTIES OF P SUPPER 30 LEVELS
 PROPERTIES OF C1 SUPPER 37 FROM THE S SUPPER 36 P. GAMMA C1 SUPPER 37 REACTION
 THE PROPERTIES OF DEFECTS INTRODUCED IN SILICON BY 10-MEV ELECTRON IRRADIATION FINAL REPORT JUNE 1968
 THE PROPERTIES OF THE STRIA TERMINALIS FIBERS
 SOME PROPERTIES OF HELICAL ANTENNAS AT LOW FREQUENCIES
 SOME PROPERTIES OF HIGHER ORDER COHERENCE FUNCTIONS
 SOME PROPERTIES OF GASES WITH VIBRATIONAL RELAXATION WHEN VIEWED AS MATERIALS WITH MEMORY
 SOME PROPERTIES OF THE SOLUTION OF THE FIRST-ORDER VARIATIONAL EQUATIONS OF THE RESTRICTED THREE-BODY PROBLEM
 GAUGE PROPERTIES OF THE HINKOWSKI SPACE
 ON THE PROPERTIES OF SUBSET SELECTION PROCEDURES
 OPTICAL PROPERTIES OF ORGANIC CRYSTALS FINAL REPORT SEPT 1967
 ANTENNA PROPERTIES IN THE PRESENCE OF ANISOTROPIC IONIZED MEDIA FINAL REPORT JUNE 1967
 OPTICAL PROPERTIES OF A-WN9 IN THE FUNDAMENTAL ABSORPTION REGION
 OPTICAL PROPERTIES OF SOLID RARE GASES AND THEIR ALLOYS /ABSTRACT ONLY/
 OPTICAL PROPERTIES OF ALPHA MANGANESE SULFUR
 SENSORY PROPERTIES OF SOME UNITS IN THE TECTON OF THE PRNG FINAL REPORT AUG 1967
 OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET
 EXCITON PROPERTIES OF II-VI MATERIALS
 OPTICAL PROPERTIES OF HIGH ENERGY GAP II-VI COMPOUNDS
 OPTICAL PROPERTIES OF ALPHA - WNS
 CHEMICAL PROPERTIES OF LADILE SPECIES FINAL REPORT JAN 1967
 MAGNETIC PROPERTIES OF SUPERCONDUCTING MOLYBDENUM-RHENIUM ALLOYS
 MAGNETIC PROPERTIES OF IRON OXIDE AS RELATED TO THE DEFECT STRUCTURE
 TRANSFER PROPERTIES OF THE LATERAL GEMICULATE BODY
 STUDY OF PROPERTIES OF ACCELERATED PLASMA FINAL REPORT JAN 1968
 SYMMETRY PROPERTIES OF THE NORMAL VIBRATIONS OF A CRYSTAL
 PHYSICAL PROPERTIES OF SOLIDS AT HIGH PRESSURES FINAL REPORT APRIL 1968
 MAGNETIC PROPERTIES OF THE INTERMETALLIC COMPOUNDS DYSPROSIUM SUBX YTTRIUM SUB ONE MINUS X IRON SUB TWO PLUS
 PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE EXPERIMENTAL
 PHYSICAL PROPERTIES OF FLUID METHANE AND DEUTEROMETHANE THEORY
 EMERGENT PROPERTIES OF SYSTEMS
 MAGNETIC PROPERTIES OF IRON SUBX OXYGEN AS RELATED TO THE DEFECT STRUCTURE
 MAGNETIC PROPERTIES OF DIVALENT EUROPIUM COMPOUNDS FINAL REPORT MARCH 1966
 PHYSICAL PROPERTIES OF SELECTED BETA-DIKETONES
 ACID-BASE PROPERTIES OF MONO- AND DINITROPHENOLS IN ACETONITRILE
 CONFERENCE PROPERTIES OF BLACKBODY RADIATION III CROSS- SPECTRAL TENSORS
 DYNAMICAL PROPERTIES OF TRUNCATED WIGNER-HERMITE EXPANSIONS
 TRANSPORT PROPERTIES OF A FERMI LIQUID
 TRANSPORT PROPERTIES OF GASES
 TRANSPORT PROPERTIES AND TURBULENCE IN MAGNETOPLASMAS
 MECHANICAL PROPERTIES OF SOME TANTALUM ALLOYS
 ELECTRICAL PROPERTIES OF RARE EARTH OXIDES FINAL REPORT OCT 1967
 ELECTRICAL PROPERTIES OF MATERIALS IN THE FAR INFRARED REGION FINAL REPORT FEB 1968
 CONDUCTION PROPERTIES OF POLYCRYSTALLINE SILICON NITRIDE FILMS
 SMOOTHNESS PROPERTIES OF PERIODIC SOLUTIONS IN THE LARGE OF NONLINEAR HYPERBOLIC DIFFERENTIAL SYSTEMS
 FUNCTIONAL PROPERTIES OF A MEMOCLOBIN CARRYING MEME ONLY ON ALPHA CHAINS
 ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF AYO.13YSUB1. SUBS.0.87THSUSUB2/ ELECTROLYTE
 ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF WED SUB 2
 ELECTRICAL PROPERTIES OF CERIUM DIOXIDE AND TITANIUM DIOXIDE
 ELECTRONIC PROPERTIES OF CERAMIC MATERIALS
 ELECTRICAL PROPERTIES OF WNO
 ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF ZR0SUB2
 ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF SC50D20SUB3
 MATHEMATICAL PROPERTIES ASSOCIATED WITH COMBINATION LOCKS, FINAL REPORT MARCH 1968
 ON STRUCTURAL PROPERTIES OF LINEAR CONSTANT MULTIVARIABLE SYSTEMS
 NONANALYTICAL PROPERTIES OF PROPAGATORS THE /G PHI/ THEORY
 THERMODYNAMIC PROPERTIES OF ORGANIC DERIVATIVES OF THE LIGHTER ELEMENTS
 STRUCTURE AND PROPERTIES OF LIQUID WATER
 THERMODYNAMIC PROPERTIES OF BINARY MIXTURES OF N-ALKANES
 THERMODYNAMIC PROPERTIES OF DECAHYDRO DECAZOPANE DIANION AND DODECAHYDRO DODECABORANE DIANION
 THERMODYNAMIC PROPERTIES OF POLY /2 6-DIMETHYL-1 4-PHENYLENE/
 SYNTHESIS AND PROPERTIES OF ALKAROMATIC CHLOROCARBONS, FINAL REPORT JUN 1969
 THERMODYNAMIC PROPERTIES AND PHASE EQUILIBRIA IN THE W-NO-O SYSTEM
 MODE SELECTION PROPERTIES OF A MANY-ELEMENT LASER
 MAGNETOELASTIC PROPERTIES OF YTTRIUM IRON GARNET AS A FUNCTION OF TEMPERATURE
 SEMICONDUCTING PROPERTIES OF CUPROUS OXIDE AND RELATED RESEARCH FINAL REPORT OCT 1967
 THE THERMODYNAMIC PROPERTIES OF ORGANIC DERIVATIVES OF THE LIGHTER ELEMENTS
 TRANSFORMATION PROPERTIES OF THE KINETIC EQUATIONS
 PREPARATION AND PROPERTIES OF MONOSUBSTITUTED TRIETHYLAMINE-BORANES
 ON THE ANALYTIC PROPERTIES OF SOLUTIONS FOR A GENERALIZED AXIALLY SYMMETRIC SCHRRODINGER EQUATION
 ON THE ANALYTIC PROPERTIES OF SOLUTIONS OF EQUATION
 ELECTROMAGNETIC PROPERTIES OF MESONS IN THE QUARK MODEL
 SUPERCONDUCTING PROPERTIES OF TRANSITION METAL CARBIDES & NITRIDES FINAL REPORT FEB 1968
 THE DIFFUSIONAL PROPERTIES OF OXYGEN IN NIOBIUM PENTOXIDE CRYSTALS AND SCALES FORMED ON NIOBIUM
 CERTAIN GENERAL PROPERTIES OF UNBIASED ESTIMATES OF LOCATION AND SCALE PARAMETERS BASED ON ORDERED OBSERVATIONS
 PHOTOELECTRONIC PROPERTIES OF DEFECTS IN CORN
 RADAR REFLECTING PROPERTIES OF CONDUCTING SURFACES FINAL REPORT JUNE 1968
 DIFFERENT CODING PROPERTIES OF TWO ASPARTYL-TRNA SPECIES
 GROWTH AND DECAY PROPERTIES OF SOLUTIONS OF SECOND ORDER ELLIPTIC EQUATIONS
 ANTENNA RADIATION PROPERTIES IN PRESENCE OF ANISOTROPIC PLASMAS
 STUDY OF ACOUSTIC PROPERTIES OF SPEECH SOUNDS
 THEORY OF OPTICAL PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM
 STUDY OF TRAPPING PROPERTIES AND IR STIMULABILITY OF ZINC SULPHIDE
 STUDY OF TRAPPING PROPERTIES AND IR EXCITATION OF ZINC SULPHIDE
 CONTRAST DESCRIPTOR PROPERTIES OF VISUAL SHAPE FINAL REPORT SEPT 1967
 SOME THERMODYNAMIC PROPERTIES OF A SEMI-INFINITE HEISENBERG FERROMAGNET
 ON THE CONVERGENCE PROPERTIES OF THE 1/2 EXPANSIONS AS FURNISHED BY VARIATIONAL PERTURBATION THEORY CALCULATIONS
 ACID-BASE INDICATOR PROPERTIES OF SULFONPHENYLALANINES AND BENZENS IN ACETONITRILE
 MAGNETIC RELAXATION PROPERTIES OF MAGNETITE POWDER DOWN TO LIQUID HELIUM TEMPERATURES
 STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT NOV 1967
 OCCURRENCE AND SOME PROPERTIES OF DOPAMINE CONTAINING GRANULES IN THE SHEEP ADRENAL
 STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT AUG 1969
 A STUDY OF THE MODAL PROPERTIES OF LINEAR DYNAMICAL SYSTEMS
 SOME COMMENTS ON THE PROPERTIES OF TRIPLET EXCITONS IN MOLECULAR CRYSTALS
 THERMAL AND MAGN. SC PROPERTIES OF ADSORBED PHASES OF H2 AND -4 AT LOW TEMPERATURES FINAL REPORT JULY 1968
 LATTICE DYNAMICS AND PROPERTIES OF CDS WURTZITE
 MODE-LOCKING AND MODE PROPERTIES OF OPTICAL LASERS FINAL REPORT MAR 1967
 A NOTE ON UNDEFINABLE PROPERTIES OF FORMAL LANGUAGES
 THE PRISON TRANSFORM PROPERTIES AND APPLICATIONS
 OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND /OPTICAL AND ELECTRICAL PROPERTIES OF NON METALS/ FINAL REPORT FEB 1967

ARL 67-0182
 ARL 67-1036
 ARL 67-1040
 ARL 68-0008
 ARL 68-1200
 ARL 68-1209
 ARL 68-1338
 ARL 68-1339
 AFOSR68-0369
 AFOSR67-1111
 AFOSR68-0365
 AFOSR67-2053
 AFOSR68-1103
 AFOSR68-1413
 AFOSR67-1192
 ARL 68-0272
 AFOSR67-0555
 AFOSR67-0525
 AFOSR67-0737
 AFOSR67-1394
 AFOSR67-1793
 AFOSR67-2791
 ARL 67-0841
 ARL 67-1307
 ARL 68-1055
 ARL 68-1476
 AFOSR67-0044
 AFOSR67-1010
 AFOSR67-1679
 AFOSR67-2943
 AFOSR68-0320
 AFOSR68-0863
 AFOSR68-0954
 AFOSR68-1542
 AFOSR68-1563
 AFOSR68-1564
 AFOSR68-1696
 AFOSR68-1873
 AFOSR68-2093
 ARL 67-0199
 AFOSR67-0225
 AFOSR67-2730
 AFOSR68-0829
 AFOSR68-2536
 ARL 68-1072
 ARL 68-1447
 AFOSR67-1762
 AFOSR67-2649
 AFOSR68-0465
 AFOSR68-1289
 AFOSR68-1907
 AFOSR68-2791
 ARL 67-0126
 ARL 67-0176
 ARL 67-1140
 ARL 68-1157
 ARL 68-1168
 ARL 68-1171
 ARL 68-1172
 ARL 68-0050
 AFOSR67-1376
 AFOSR67-1505
 AFOSR67-1787
 AFOSR67-2088
 AFOSR68-0717
 AFOSR68-1778
 AFOSR68-2515
 ARL 68-0107
 ARL 68-1163
 AFOSR67-0066
 AFOSR67-0244
 AFOSR68-0336
 AFOSR68-0944
 AFOSR68-1078
 AFOSR67-0768
 AFOSR67-0837
 AFOSR67-2190
 AFOSR67-2520
 AFOSR68-0265
 AFOSR68-1144
 AFOSR68-1634
 ARL 67-1311
 AFOSR67-0344
 AFOSR67-2335
 AFOSR68-1013
 AFOSR67-0623
 AFOSR68-0446
 AFOSR68-1732
 ARL 67-0277
 ARL 67-1209
 AFOSR67-0525
 AFOSR68-0934
 AFOSR68-1093
 AFOSR67-0218
 AFOSR67-0374
 AFOSR67-2700
 AFOSR68-1738
 AFOSR68-2771
 AFOSR68-0270
 AFOSR68-0730
 AFOSR68-0730
 ARL 67-1282
 AFOSR67-0094
 AFOSR67-0439
 AFOSR68-2044
 AFOSR67-0322

SEMICONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY CRYSTALLOGRAPHIC IMPERFECTIONS
 SEMICONDUCTOR JUNCTION PROPERTIES AS INFLUENCED BY CRYSTALLOGRAPHIC IMPERFECTIONS FINAL REPORT MAR 1968
 OPTICAL AND ELECTRICAL PROPERTIES OF INSULATORS FINAL REPORT DEC 1967
 MATRIX-LIMITED FATIGUE PROPERTIES IN FIBRE COMPOSITE MATERIALS
 SOME RECENT STUDIES OF PROPERTIES OF 3-D SHELL NUCLEI
 PROBING THE ELECTRONIC PROPERTIES OF CRYSTALS BY PRESSURE
 A STUDY OF THE PHYSICAL PROPERTIES OF HIGH-TEMPERATURE SINGLE CRYSTALS FINAL REPORT SEPT 1967
 A NOTE ON THE STABILITY PROPERTIES OF UNIFORM TEMPERATURE FIELDS
 EXCITONS AND THE OPTICAL PROPERTIES OF THE ALKALI HALIDES / ABSTRACT ONLY/
 MODIFICATION OF CHEMICAL PROPERTIES OF IRON CYANIDES IN SOLID SOLUTIONS
 PROSA-STUDY OF THE OPTICAL PROPERTIES OF DRIFTING SATELLITES
 MOMENTUM-SPACE ANALYTIC PROPERTIES OF THE BERGMAN-VEIL INTEGRAL FOR THE THREE POINT FUNCTION
 THE ELECTRICAL AND OPTICAL PROPERTIES OF REFRACTORY OXIDES FINAL REPORT DECEMBER 1968
 CRYSTAL GROWTH AND OPTICAL PROPERTIES OF II-VI MATERIALS
 THE RELATIVE THERMODYNAMIC PROPERTIES OF COBALT-PALLADIUM SOLID SOLUTIONS
 HIGH TEMPERATURE ELECTRICAL PROPERTIES OF MANGANESE MONOXIDE
 SURVEY OF EFFECT OF SURFACE PROPERTIES ON ANODE PROSION: FINAL REPORT APRIL 1968
 HIGH-TEMPERATURE ELECTRICAL PROPERTIES OF MANGANESE MONOXIDE
 FINITE-TEMPERATURE TRANSPORT PROPERTIES OF NORMAL FERMION SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE MODEL
 LATTICE DYNAMICS AND THERMAL PROPERTIES OF LITHIUM HYDROXIDE AND LITHIUM DEUTERIDE CRYSTALS
 IONIC THERMOCONDUCTIVITY AND PROPERTIES OF DIELECTRICS FINAL REPORT JULY 1968
 SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS
 SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS
 MOSSBAUER EFFECT AND MAGNETIC PROPERTIES OF IRON-BERYLLIUM COMPOUNDS
 CORIOLIS COUPLING AND NUCLEAR PROPERTIES
 EXCITED STATES WITH COLLECTIVE PROPERTIES IN LIGHT NUCLEI FINAL REPORT APRIL 1968
 DETERMINATION OF NUCLEAR LEVEL PROPERTIES WITH PROTON CAPTURE REACTIONS
 DIAGNOSIS OF SPACECRAFT SURFACE PROPERTIES AND DYNAMICAL MOTIONS BY OPTICAL PHOTOMETRY.
 AN INVESTIGATION OF THE ANALYTIC PROPERTIES OF SOLUTIONS TO THE GENERALIZED AXIALLY SYMMETRIC REDUCED WAVE EQUATION IN
 ANALYSIS OF THERMODYNAMIC EXCESS PROPERTIES OF LIQUID MIXTURES OF ARGON AND KRYPTON
 ELECTRONIC STRUCTURE AND OPTICAL PROPERTIES OF MIXED CRYSTALS
 MEASUREMENTS OF CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED ENERGY FINAL REPORT
 THEORETICAL STUDY OF SOME DYNAMICAL PROPERTIES OF PERFECT AND IMPERFECT CRYSTALS FINAL REPORT APRIL 1968
 INVARIANT CALCULATION OF SOME TOTAL PROPERTIES OF ASYMPTOTICALLY FLAT SPACE TIME
 THE MEASUREMENT OF PLASMA TRANSPORT PROPERTIES
 SOME CONSPIRACY AND SUPERCONVERGENCE PROPERTIES OF SCATTERING AMPLITUDES IN THE HELICITY FORMALISM
 STUDIES OF THE PHYSICAL AND CHEMICAL PROPERTIES OF SOLID SURFACES FINAL REPORT NOVEMBER 1968
 RESEARCH AND INVESTIGATION OF OPTICAL PROPERTIES OF SEMI CONDUCTING CRYSTALS FINAL REPORT MARCH 1967
 PRELIMINARY REPORT ON THE THERMODYNAMIC PROPERTIES OF SELECTED LIGHT-ELEMENT AND SOME RELATED COMPOUNDS
 SOME NEW RELATIONS CONNECTING MOLECULAR PROPERTIES AND ELECTRON AND X-RAY DIFFRACTION INTENSITIES
 HEAT TREATMENT EFFECTS ON SOME PHYSICAL PROPERTIES OF METALLIC SINGLE CRYSTALS
 NON-LINEAR CONTINUUM MECHANICS AND FLOW PROPERTIES OF NON-NEWTONIAN FLUIDS FINAL REPORT AUG 1968
 EFFECT OF ATMOSPHERE ON THE MECHANICAL PROPERTIES OF CRYSTALS FINAL REPORT OCT 1968
 CRYSTAL CHEMISTRY AND MAGNETIC RESONANCE PROPERTIES OF THE VANADATE GARNETS FINAL REPORT OCT 1968
 RESEARCH ON EFFECT CONTROLLED ELECTRICAL PROPERTIES OF RUTILE, FINAL REPORT APRIL 1968
 A STUDY OF ERROR-CORRECTING CODES IV CODE PROPERTIES AND UNAMBIGUOUS SETS
 EFFECT OF PAULI PARAMAGNETISM ON MAGNETIC PROPERTIES OF HIGH-FIELD SUPERCONDUCTORS
 DEFECTS AND THEIR ROLE IN DETERMINING PULK PROPERTIES OF CRYSTALS FINAL REPORT MAY 1968
 CHARGE INVARIANCE AND GROUP TRANSFORMATION PROPERTIES OF THE SCATTERING IN A DYNAMICAL MODEL
 ELECTROCHEMICAL STUDY OF THE THERMODYNAMIC PROPERTIES OF NON-STOICHIOMETRIC RUTILE
 ELECTROCHEMICAL STUDY OF THE THERMODYNAMIC PROPERTIES OF NON-STOICHIOMETRIC RUTILE
 HARD FORTH METAL SINGLE CRYSTALS II MAGNETIC PROPERTIES OF THULIUM EUROPIUM SAMARIUM AND YTTERBIUM
 MASS-SPECTROMETRIC STUDY OF THE THERMODYNAMIC PROPERTIES OF 2R-F SPECIES
 AN EXPERIMENTAL INVESTIGATION OF THE TRANSPORT PROPERTIES OF ARGON IN A PULSED, HIGH CURRENT ARC
 REACTION 5 SUPPER 36 /D. GAMMA /CI SUPPER 37 AND PROPERTIES OF CI SUPPER 37
 HIGH-TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NiO
 HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NiO
 HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NiO
 THEORETICAL AND EXPERIMENTAL STUDIES OF MECHANICAL PROPERTIES OF ROCK FINAL REPORT MAY 1968
 THE INFLUENCE OF A MAGNETIC FIELD ON THE TRANSPORT PROPERTIES OF POLY-ATOMIC GASES A COMPARISON OF THEORY WITH
 RESEARCH DIRECTED TOWARD DETERMINATION OF RADIATIVE PROPERTIES AND COMPOSITION OF THE ATMOSPHERE FINAL REPORT APR 1967
 CALCULATION OF PHONON FREQUENCIES AND THERMODYNAMIC PROPERTIES OF CRYSTALLINE BCC HELIUM
 RELATIONSHIP BETWEEN DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF CERAMIC MATERIALS
 AIRCRAFT INSTRUMENTATION TO MEASURE CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED
 CURRENT RESEARCH ON THE DEFECT STRUCTURE AND TRANSPORT PROPERTIES OF COMPOUND SEMICONDUCTORS AT AIRI
 MELTING POINTS AT HIGH COMPRESSIONS FROM ZERO-COMPRESSION PROPERTIES THROUGH THE KENNEDY RELATION
 THE ALPHA-TITANIUM-IRON SOLID SOLUTION AND ITS SUPERCONDUCTING PROPERTIES
 OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET
 USE OF MORPHIC EFFECTS FOR THE STUDY OF VIBRATIONAL AND OPTICAL PROPERTIES OF IMPURITY ATOMS IN CRYSTALS
 USE OF ULTRASONIC INTERFEROMETRY TECHNIQUE FOR STUDYING ELASTIC PROPERTIES OF ROCKS
 OPTICAL AND ELECTRICAL PROPERTIES OF DIAMOND /OPTICAL AND ELECTRICAL PROPERTIES OF NON METALS/ FINAL REPORT FEB 1967
 WAVE PROPAGATION IN MATERIALS HAVING FREQUENCY DEPENDENT RHEOLOGICAL PROPERTIES
 ON THE SYNTHESIS OF TWO-DIMENSIONAL ARRAYS WITH DESIRABLE CORRELATION PROPERTIES
 THE COMPARATIVE ENTHALPY OF CRYSTALLINE KINASES II PHYSICAL AND CHEMICAL PROPERTIES
 COMPARISON OF NUMERICAL CALCULATIONS AND MEASURED SPACE-TIME RESOLVED PLASMA PROPERTIES OF A DYNAMICAL THETA PINCH
 PROPERTIES OF AN EXCESS ELECTRON IN LIQUID HELIUM THE EFFECT OF PRESSURE ON THE PROPERTIES OF THE NEGATIVE ION
 STUDIES ON INTESTINAL SUCRASE AND ON INTESTINAL SUGAR TRANSPORT V ISOLATION AND PROPERTIES OF SUCRASE-ISOMALTAASE FROM
 RECENT RESEARCH AT HIS INSTITUTE DEALING WITH ELECTRICAL MEASUREMENTS AND CONTACT PROPERTIES OF II-VI COMPOUNDS
 RELATIVE ENTHALPY OF BERYLLIUM 1 3-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150 DEGREES
 RELATIVE ENTHALPY OF BERYLLIUM 1 1-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150
 ON THE USE OF IONIZATION LEVEL AS AN INDEPENDENT VARIABLE FOR PLOTTING PLASMA TRANSPORT PROPERTIES
 INVESTIGATION OF ORDERED MAGNETIC STATES AND THEIR CORRELATIONS TO OPTICAL AND ELECTRICAL PROPERTIES OF SELECTED
 EFFECT OF RESONANCE SCATTERING AND IMPURITY CORRELATIONS ON THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF SUPER
 LOCAL MODES AND RESONANCE SCATTERING OF LATTICE WAVES DUE TO POINT DEFECTS OPTICAL AND THERMAL PROPERTIES OF IMPERFECT
 THEORY AND DESIGN CONSIDERATIONS IN DEVELOPING A MULTI-PURPOSE INSTRUMENT FOR DETERMINATION OF TWELVE PROPERTIES

APCRL67-0564
 APCRL68-0175
 APCRL68-0363
 AFOSR67-0650
 ARL 68-1237
 ARL 68-1387
 APCRL67-0648
 AFOSR67-2688
 AFOSR67-1346
 AFOSR68-2844
 ARL 67-1040
 AFOSR67-1837
 ARL 68-0821
 ARL 68-1040
 ARL 68-1174
 ARL 67-1148
 ARL 68-0049
 ARL 68-0147
 AFOSR67-0066
 AFOSR67-1127
 AFOSR68-2768
 APCRL68-0190
 AFOSR68-2054
 AFOSR68-2349
 ARL 67-1178
 AFOSR68-0792
 ARL 68-1208
 ARL 68-1344
 AFOSR68-0766
 AFOSR68-1153
 ARL 68-1058
 APCRL68-0003
 AFOSR68-1548
 ARL 67-1100
 ARL 68-1130
 AFOSR68-1140
 ARL 68-0194
 ARL 67-0042
 AFOSR67-0801
 AFOSR67-1156
 AFOSR68-1718
 AFOSR68-1848
 AFOSR68-2386
 APCRL68-0867
 ARL 68-0065
 APCRL67-0124
 AFOSR67-0040
 AFOSR68-0956
 AFOSR68-1210
 ARL 67-1143
 ARL 68-1148
 AFOSR68-1010
 AFOSR67-0869
 ARL 68-1128
 ARL 68-0144
 ARL 68-0199
 ARL 68-1170
 ARL 68-0161
 APCRL68-0261
 AFOSR68-0660
 AFOSR67-0386
 AFOSR68-0167
 ARL 68-1158
 APCRL67-0042
 ARL 68-1156
 AFOSR67-1239
 AFOSR67-0510
 ARL 67-0241
 AFOSR68-0997
 AFOSR68-1514
 APCRL67-0327
 APCRL68-0141
 AFOSR68-1146
 AFOSR67-0886
 AFOSR67-0819
 AFOSR68-0111
 AFOSR68-0194
 ARL 67-1295
 AFOSR67-2016
 AFOSR67-2015
 ARL 68-0269
 APCRL67-0593
 AFOSR68-0424
 AFOSR68-1094
 AFOSR67-2551

PROPERTY

A PROPERTY OF SYMMETRIC INTERCHANGEABLE/ RANDOM VARIABLES
 NEW PROPERTY OF THE STABILITY DIAGRAM FOR CURVED-MIRROR RESONATORS
 VARIABLE PROPERTY EFFECTS ON LIQUID DROPLET CONSTRUCTION
 ON REFLECTIVE SPACES HAVING THE METRIC APPROXIMATION PROPERTY
 HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS I THEORY FOR VARIABLE PROPERTY FLOW

AFOSR67-0474
 AFOSR67-0485
 AFOSR68-2425
 AFOSR68-0246
 AFOSR67-2005

PROPERTY

MAGNETOFLUID DYNAMICS, 19TH CENTURY PROPERTY

ARL 68-1003

PROPORTIONAL

OPTIMAL TUNING OF PROPORTIONAL DIGITAL CONTROLLERS

AFOSR68-2441

PROPOSITIONAL

FINITE STATE STRUCTURES AND PROPOSITIONAL LOGIC
 AN APPROACH TO HEURISTIC PROBLEM SOLVING AND THEOREM PROVING IN THE PROPOSITIONAL CALCULUS

AFOSR67-1525
 AFOSR68-0649

PROPULSION

SPIN PROPULSION OF LARGE FLEXIBLE SATELLITES BY THE SOLAR RADIATION FIELD
OPTIMUM PROPULSION OF AN OSCILLATING HYDROFOIL
GAS COOLED COLLOID PROPULSION SYSTEMS
REVIEW OF SCRAMJET PROPULSION TECHNOLOGY
HIGH POWER ELECTRIC PROPULSION ENGINES
HYPERSONIC AIR-BREATHING PROPULSION
IONIZING LAYERS IN THE PLASMA PROPULSION DEVICES
CHARGED CIRCULAR SIZED PARTICLES FOR PROPULSION FINAL REPORT JAN 1968
INTENTIONAL COMBUSTION OSCILLATIONS IN PROPULSION SYSTEMS FINAL REPORT FEB 1967
TENTH AFOSR CONTRACTORS MEETING ON ION AND PLASMA PROPULSION RESEARCH SAN DIEGO CALIFORNIA 3-5 APRIL 1967 /ABSTRACTS
SURFACE EFFECTS IN SPEEDED COMBUSTION PRODUCTS /PROCEEDINGS OF A SPECIALISTS MEETING AGARD PROPULSION AND ENGINEERING
RAMF-FAST ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
RAMF-FAST ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS

ARL 68-1097
AFOSR67-1153
ARL 67-1188
ARL 68-0097
ARL 68-1026
AFOSR67-0842
AFOSR67-2068
AFOSR68-0527
AFOSR67-1546
AFOSR67-0096
AFOSR67-1216
ARL 68-1149
ARL 68-1182

PROPYLENE

ION-MOLECULE REACTIONS OF PROPYLENE AND BUTENE
IONIC REACTIONS IN UNSATURATED COMPOUNDS. III. PROPYLENE AND THE ISOMERIC BUTENES
SOLUBILITY AND COMPLEX FORMATION EQUILIBRIA OF SILVER CHLORIDE IN PROPYLENE CARBONATE

ARL 67-1286
ARL 68-0138
AFOSR68-0142

PROSODIC

AN EXPERIMENTAL METHOD FOR PROSODIC ANALYSIS

AFOSR67-0230

PROSPECTS

PROSPECTS FOR SIMULATION AND SIMULATORS OF DYNAMIC SYSTEMS SPARTAN BOOKS NEW YORK 1967 FINAL REPORT JAN 1967
LOCAL THERMODYNAMIC EQUILIBRIUM MODEL ATMOSPHERE WITH LINE BLANKETING REVIEW AND FUTURE PROSPECTS

AFOSR68-1361
AFOSR67-0119

PROSTAGLANDINS

THE IDENTIFICATION OF PROSTAGLANDINS E TWO F TWO AND ALPHA TWO FROM RABBIT KIDNEY MEDULLA

AFOSR68-0457

PROSTHETIC

UROBILINOID DERIVATIVES OF PHYCOERYTHROBILIN A PROSTHETIC GROUP OF R-PHYCOERYTHRIN

AFOSR68-0531

PROTECTION

SELECTIVE PROTECTION OF 5-HYDROXYTRYPTAMINE STORES AGAINST THE ACTION OF RESERPINE BY TREATMENT WITH
ON LINEAR UNEQUAL ERROR PROTECTION CODES
METHYLOSINE AS A TOOL FOR SELECTIVE PROTECTION OF CATECHOLAMINE STORES AGAINST RESERPINE

AFOSR68-0805
AFOSR68-0732
AFOSR69-2710

PROTEIN

FACTORS CONTROLLING PROTEIN SYNTHESIS FINAL REPORT JAN 1967

AFOSR67-0303

PROTEINS

BINDING OF ANESTHETICS TO PROTEINS LINKAGE BETWEEN THE SIXTH-LIGAND SITE OF HEME IRON ION AND THE NONPOLAR BINDING
WATER INSOLUBLE DERIVATIVES OF PROTEINS WITH BIOLOGICAL ACTIVITY FINAL REPORT SEPT 1967
SPECIFICITY OF IMMUNOLOGICAL TOLERANCE TO POLY-DL-ALANYL PROTEINS
CILIA REGENERATION IN THE SEA URCHIN EMBRYO EVIDENCE FOR A POOL OF CILIARY PROTEINS
HYDROGEN-ADDITION RADICALS FORMED IN THE AROMATIC RINGS OF AMINO ACIDS POLYAMINO ACIDS AND PROTEINS

AFOSR68-2705
AFOSR67-2075
AFOSR67-2343
AFOSR67-0206
AFOSR68-2249

PROTOCOLS

ON THE ANALYSIS OF HUMAN PROBLEM SOLVING PROTOCOLS

AFOSR67-2708

PROTOHAEMICHROME

THE FORMATION OF VERDINAEMOCHROME FROM PYRIDINE PROTOHAEMICHROME BY EXTRACTS OF RED ALGAE AND OF LIVER

AFOSR68-0532

PROTON

PROTON NMR SPECTRA OF METHYLPOLYSILANES
PROTON MAGNETIC RESONANCE SPECTRA OF METHYL PHOSPHINATES
COMPLETE PROTON AND NATURALLY OCCURRING SULFUR ISOTOPE SUPER 335 HYPERFINE SPLITTINGS IN THE THIANTHRENE CATION
SOLAR NEUTRONS FROM THE PROTON - HELIUM THREE REACTION
COUPLED CHANNEL ANALYSIS OF PROTON SCATTERING FROM 10F
DIRECT REACTION ANALYSIS OF THE BORON-FLUORINE /PROTON ALPHA/ BERYLLIUM-EIGHT REACTION
MULTIPLE PION PRODUCTION IN 5.5-GEV/C PI MINUS PROTON INTERACTIONS
DETERMINATION OF NUCLEAR LEVEL PROPERTIES WITH PROTON CAPTURE REACTIONS
FORMATION OF RESONANT STATES IN NEGATIVE K MESON PLUS PROTON INTO NEGATIVE K MESON PLUS PROTON BETWEEN 0.9 AND 1.2
DEALOHIS/TRIARYLPHOSPHINE/IRON/II/ COMPLEXES ISOTROPIC PROTON MAGNETIC RESONANCE SHIFTS AND THE KINETICS OF LEGAND
DIETARY PHOSPHINE COMPLEXES OF NICKEL SPECTRAL MAGNETIC AND PROTON RESONANCE STUDIES A PLANAR-TETRAHEDRAL
ISOBARIC ANALOG STATES IN HEAVY NUCLEI V RESONANCES IN ZR-90 FROM PROTON INELASTIC SCATTERING
RADIATION DAMAGE AND CHEMICAL REACTIONS INDUCED IN CRYSTALLINE SOLIDS BY HIGH-ENERGY PROTON BOMBARDMENT FINAL REPORT
FORMATION OF RESONANT STATES IN NEGATIVE K MESON PLUS PROTON INTO NEGATIVE K MESON PLUS PROTON BETWEEN 0.8 AND 1.2
POLARIZATION AND ASYMMETRY IN THE REACTION DEUTERON SCATTERING FROM HELIUM-THREE YIELDING A PROTON PLUS HELIUM-FOUR

AFOSR67-1426
AFOSR68-2449
AFOSR68-1312
AFOSR67-2093
AFOSR68-0901
AFOSR68-2218
AFOSR68-0142
ARL 68-1204
AFOSR67-3792
AFOSR68-2674
AFOSR67-5236
AFOSR68-1296
AFOSR68-0350
AFOSR67-0740
AFOSR68-0348

PROTON-NEUTRON

THE CARBON 13 PROTON-NEUTRON REACTION NEAR THRESHOLD

AFOSR67-2347

PROTON-PROTON

MODEL-INDEPENDENT CONTRIBUTION IN PROTON-PROTON BREMSSTRAHLUNG

AFOSR67-2677

PROTONATION

PROTONATION IN ACETO-NITRILE OF WATER ALCOHOLS AND DIETHYL ETHER
REACTIONS OF ALKALI METAL DERIVATIVES OF METAL CARBOXYLS VIII PREPARATION PROTONATION AND ALKYLATION OF SODIUM
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXIX RELATIONSHIPS BETWEEN POSITION OF PROTONATION OF ALLYLIC POSITIONS

AFOSR68-2210
AFOSR67-0452
AFOSR67-0674

PROTONS

PROTONS ASSOCIATED WITH CENTERS OF SOLAR ACTIVITY AND THEIR PROPAGATION IN INTERPLANETARY MAGNETIC FIELD REGIONS
CERTAIN COLLISIONS BETWEEN PROTONS AND DIATOMIC MOLECULES FINAL REPORT MAY 1967
BORON FLUORINE INDUCED BY SLOW PROTONS ON CARBON 12
ANISOTROPIC PROPAGATION OF SOLAR PROTONS DEDUCED FROM SIMULTANEOUS OBSERVATIONS BY EARTH SATELLITES AND THE NATURE
REACTION OF K PLUS PARTICLES WITH PROTONS INTO NEUTRAL K PLUS POSITIVE PION PLUS PROTONS AT 21.26 MEV/C
A DIRECT MEASUREMENT OF LOW ENERGY PROTONS
CHEMICAL SHIFT NONEQUIVALENCE OF DIASTEREOTOPIC PROTONS DUE TO RESTRICTED ROTATION AROUND AMYL-NITROGEN BONDS IN
THE HELICENTRIC INTENSITY GRADIENTS OF COSMIC-RAY PROTONS AND HELIUM DURING MINIMUM SOLAR MODULATION
ELECTRON CAPTURE INTO THE METASTABLE 2S STATE IN COLLISIONS OF PROTONS WITH HYDROGEN ATOMS

AFOSR68-2446
AFOSR67-1354
AFOSR67-1377
AFOSR67-1212
AFOSR67-1361
AFOSR67-1361
AFOSR67-2441
AFOSR67-1147
AFOSR68-2740

PSYCHICS

- CONTINUED

REACTOR YIELDS IN THE FISSION OF HEAVY ELEMENTS BY MEDIUM-ENERGY PROTONS
REACTION OF α PLUS PARTICLES WITH PROTONS INTO NEUTRAL α PLUS POSITIVE PION PLUS PROTONS AT 21.26 BEV/C AFOSR67-0459
AFOSR67-2340

PROTOTYPING
AMSS PROTOTYPE RADIOSOURCE FINAL REPORT SEPT 1968 AFOSR68-0675

PROTRIPTYLINE
THE EFFECT OF PROTRIPTYLINE ON THE METABOLISM OF DOPAMINE AND NORADRENALINE IN HABBIT URAIN IN VITRO AFOSR68-2712

PROVIDE
PROVIDE PAYLOAD FOR APPROXIMATE ROCKET REFURISH AND TEST A LUNAR PRINTING CONTROL AND TELEMETRY SYSTEM FINAL REPORT NOV AFOSR67-0647

PROVINCES
STUDY OF SEISMICITY MECHANICS OF FAULTING AND CRUSTAL STRUCTURE WITHIN THE BASIN AND RANGE AND ADJOINING PROVINCES AFOSR67-0529

PROVOKING
INDUCTION OF UNRESPONSIVENESS TO A SYNTHETIC ANTIGEN CAPABLE OF PROVOKING EXCLUSIVELY DELAYED-TYPE SENSITIVITY IN AFOSR68-0535

PROXIMITY
PROXIMITY EFFECT IN SUPERCONDUCTING CONTACTS BY ELECTRON TUNNELING AFOSR67-1732
PROXIMITY EFFECTS IN EUTECTIC ALLOYS TRANSITION TEMPERATURE AND SPECIFIC HEAT AFOSR68-0336

PRUNING
AN ADAPTIVE TREE PRUNING SYSTEM A LANGUAGE FOR PROGRAMMING HEURISTIC TREE SEARCHES AFOSR68-0036

PSEUDO
EXPERIMENTAL STUDY OF PSEUDO TRANSPIRATION AT AN ORIFICE IN RAREFIED FLOW AFOSR68-1927

PSEUDO-RADIATION
PSEUDO-RADIATION CONDITIONS FOR DERIVATIVES OF RADIATING FUNCTIONS AFOSR67-1859

PSEUDO-RANDOM
EVALUATION OF PSEUDO-RANDOM DOT-SCANNING TELEVISION SYSTEMS FINAL REPORT JAN 1967 AFOSR67-0004

PSEUDOMONAS
CHOICE BETWEEN AUTOTROPHY AND HETEROTROPHY IN PSEUDOMONAS OXALATICUS UTILIZATION OF OXALATE BY CELLS AFTER ADAPTATION AFOSR68-1990
CHOICE BETWEEN AUTOTROPHY AND HETEROTROPHY IN PSEUDOMONAS OXALATICUS GROWTH IN MIXED SUBSTRATES AFOSR68-2776
MICROBIAL GROWTH ON C1 COMPOUNDS UPTAKE OF ^{14}C SUBSTRATES FORMALDEHYDE AND ^{14}C SUBSTRATE FORMATE BY METHANE-GROWN PSEUDOMONAS AFOSR67-1034

PSEUDOMULL
NULL AND PSEUDOMULL DATA FOR SCALAR FIELDS AFOSR68-2739

PSEUDOPOTENTIAL
PSEUDOPOTENTIAL THEORY OF ATOMIC AND MOLECULAR RYDBERG STATES AFOSR67-0092
PSEUDOPOTENTIAL CALCULATION OF THE COS'SR MIXED ALLOY SYSTEM ARL 67-1080
ENERGY BAND STRUCTURE OF COS USING SELF-CONSISTENT OPW AND PSEUDOPOTENTIAL METHODS ARL 67-0081

PSEUDOSCALAR
REACTION AMPLITUDES FOR PSEUDOSCALAR MESONS ON SPIN-HALF FERMIONS IN FOURTH-ORDER PERTURBATION THEORY AFOSR68-2747
ELECTROMAGNETIC MASSES OF PSEUDOSCALAR MESONS AFOSR67-1408
SATURATION PROBLEM OF A SUM RULE OF SCALAR AND PSEUDOSCALAR SPECTRAL FUNCTIONS AFOSR67-1617

PSYCHIATRIC
APPLICATION OF AUTOMATIC LITERATURE ANALYSIS TECHNIQUES TO PSYCHIATRIC INTERVIEWS AFOSR67-2019

PSYCHOLINGUISTIC
A SELECTED PSYCHOLINGUISTIC BIBLIOGRAPHY AFOSR68-0605

PSYCHOLOGICAL
ON THE PSYCHOLOGICAL IMPORTANCE OF TIME IN A TIME SHARING SYSTEM AFOSR68-0120
RECENT PSYCHOLOGICAL RESEARCH RELEVANT TO THE HUMAN FACTORS ENGINEERING OF MAN-MACHINE SYSTEMS AFOSR67-1424
SOCIAL PSYCHOLOGICAL RESEARCH IN DEVELOPING COUNTRIES AFOSR68-2164
THE METHOD OF ADAPTIVELY CONTROLLED PSYCHOLOGICAL LEARNING EXPERIMENTS AFOSR68-1711
REDUCTION OF MORPHINE IN THE LOWER BRAINSTEM BY PSYCHOLOGICAL STIMULUS AFOSR68-2697
COMMENTS ON THE CYBERNETICS OF ETHICAL SOCIOLOGICAL AND PSYCHOLOGICAL SYSTEMS AFOSR67-2721

PSYCHOMETRICS
DECISION-THEORETIC PSYCHOMETRICS A LOGICAL ANALYSIS OF GUESSING AFOSR68-2154
DECISION-THEORETIC PSYCHOMETRICS THE EFFECT OF GUESSING ON THE QUALITY OF PERSONNEL AND COUNSELING DECISIONS AFOSR68-2155
DECISION-THEORETIC PSYCHOMETRICS THE WORTH OF INDIVIDUALIZING INSTRUCTION AFOSR68-2156

PSYCHOMIMETIC
PHYTOCHEMICAL STUDY OF A PSYCHOMIMETIC PLANT PERNETTYA PARVIFOLIA /SPANISH/ AFOSR68-2761
PHYTOCHEMICAL STUDY OF THE PSYCHOMIMETIC SPECIE IPOMEA CARNEA /SPANISH/ AFOSR68-2762

PSYCHOMOTOR
THE LEARNING OF PSYCHOMOTOR SKILLS AFOSR68-0868

PSYCHOPHYSICAL
PSYCHOPHYSICAL RELATIONS IN ADAPTATION PROCESSES FINAL REPORT AUG 1968 AFOSR68-2205
OPTIMAL RESPONSES WITH DIFFERENT BACKGROUND LIGHT AND PSYCHOPHYSICAL CORRELATION AFOSR67-2542

PSYCHOPHYSICS
THE PSYCHOPHYSICS OF THE KINESTHETIC AFTEREFFECT IN THE PPTIE BLOCK EXPERIMENT AFOSR68-1789

PSYCHOPHYSIOLOGICAL

PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS FINAL REPORT JUNE AFOSR67-0879
 PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS AFOSR67-2402
 THE ROLE OF LYING IN PSYCHOPHYSIOLOGICAL DETECTION AFOSR67-1321
 RELATION BETWEEN ETHNIC ORIGIN AND GSR REACTIVITY IN PSYCHOPHYSIOLOGICAL DETECTION AFOSR68-2171

PSYCHOPHYSIOLOGY

COMPUTERS IN PSYCHOPHYSIOLOGY AFOSR67-0228

PUBLISHING

BOOK PUBLISHING IN COMMUNIST CHINA AFOSR67-0962

PUFFER

ORGAN GROWTH IN THE PUFFER FISH SPHAERODES VACUATUS AFOSR67-1320

PULSATING

THE NATURE OF PULSATING RADIO SOURCES AFOSR68-2072
 EAST-WEST MOVEMENTS OF PULSATING AURORAL-ZONE X-RAY EVENTS AFOSR68-1144
 POSSIBLE MODEL FOR A RAPIDLY PULSATING RADIO SOURCE AFOSR68-1627
 SIMULTANEOUS OBSERVATIONS OF A PULSATING RADIO SOURCE OVER A 5,000 KM BASELINE AFOSR68-2889
 OBSERVATIONS OF LARGE-SCALE COHERENT PULSATING ELECTRON PRECIPITATION EVENTS IN THE AURORAL ZONE ACCOMPANIED BY AFOSR67-1314

PULSATIONS

ADIABATIC PULSATIONS AND CONVECTIVE INSTABILITY OF GASEOUS MASSES AFOSR67-2664
 ON THE COHERENCY OF X-RAY AND OPTICAL PULSATIONS IN AURORAS AFOSR67-2531
 ASYMPTOTIC APPROXIMATIONS FOR STELLAR PULSATIONS AFOSR68-2055
 ENERGY-DEPENDENT MODULATION IN AURORAL X-RAY PULSATIONS AFOSR68-0384
 THE EFFECT OF A VELOCITY DISPERSION OF THE PRIMARY PARTICLES ON AURORAL LIGHT AND X-RAY PULSATIONS AFOSR68-2758

PULSE

PULSE TECHNIQUE FEASIBILITY STUDY ON MULTIMEGAWATT RF GAS HEATERS AND RESEARCH ON ELECTRODELESS DISCHARGES AT HIGH ARL 68-1182
 A PULSE EXCITATION METHOD OF DETERMINING NANSECOND FLUORESCENT LIFETIMES ARL 67-1015
 GIANT PULSE LASER ACTION AT 77 DEGREE K AFOSR67-0069
 GIANT PULSE LASERS ARL 68-1132
 STUDY OF PULSE DISPERSION IN PLASMA FINAL REPORT DEC 1966 AFOSR67-0159
 DIFFRACTION OF A PLANE PULSE BY A CLOSED CRACK AT THE INTERFACE OF ELASTIC SOLIDS AFOSR68-2455
 SYNCHRONOUS DETECTION VS PULSE COUNTING FOR SENSITIVE PHOTOMULTIPLIER DETECTION SYSTEMS AFOSR68-2117
 A METHOD FOR THE ANALYSIS OF PULSE HEIGHT SPECTRA ARL 67-0088
 GROUP VELOCITY DISPERSION DUE TO PULSE REFLECTION FROM A FREQUENCY-DEPENDENT BOUNDARY IMPEDANCE AFOSR67-1762
 IMPROVEMENTS AND REFINEMENTS ON A PULSE TYPE SONIC ANEMOMETER FINAL REPORT AUG 1968 AFOSR68-0416
 VARIABLE-WIDTH GATE FOR KAMM-ROHM PULSE HEIGHT DETECTOR AFOSR68-0010
 THE KRATON AIR-SEA WAVES AN EXAMPLE OF PULSE PROPAGATION IN COUPLED SYSTEMS AFOSR68-1433
 ON THE INTERACTION OF A FINITE AMPLITUDE PRESSURE PULSE WITH A COMBUSTION REGION AFOSR67-2430
 A NONLINEAR DISCRETE SYSTEM EQUIVALENCE OF INTEGRAL PULSE FREQUENCY MODULATION SYSTEMS AFOSR68-2323
 LARGE VOLUME PULSED FIELD COILS APPLICATIONS TO SYNCHRONOUS PULSE OPERATION FROM 250 TO 500 KILOGAUSS AFOSR67-2374
 DIGITAL TECHNIQUE FOR RECORDING TIME DEPENDENT SPECTRA BY TIME TO PULSE HEIGHT CONVERSION PART A FINAL REPORT APRIL AFOSR67-2784
 SYSTEMS ANALYSIS AND ADDITIONAL INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND PULSE DOPPLER RADAR AFOSR67-0182
 DOPPLER SIGNAL ANALYSIS AND PROCESSING TECHNIQUES FOR MODIFIED PORCUPINE C-BAND PULSE DOPPLER RADAR FINAL REPORT FEB AFOSR68-0176

PULSE-WIDTH

ANALYSIS AND SYNTHESIS OF DISCRETE-TIME SYSTEMS WITH CONTROL SIGNALS OF VARIABLE AMPLITUDE AND PULSE-WIDTH AFOSR67-1487

PULSED

PULSED NUCLEAR MAGNETIC RESONANCE IN ROTATING SOLIDS AFOSR67-1416
 A NEW PULSED ION LASER TRANSITION IN NITROGEN AT 3995 Å AFOSR67-0764
 A D-C PULSED BRIDGE FOR DIFFERENTIAL CAPACITY MEASUREMENTS AFOSR68-2270
 PHASE IN THE PULSED RADAR TIME-STREAM AFOSR67-0241
 LARGE VOLUME PULSED FIELD COILS APPLICATIONS TO SYNCHRONOUS PULSE OPERATION FROM 250 TO 500 KILOGAUSS AFOSR67-2374
 SONIC DETECTION OF A PULSED WATER VAPOR LASER AFOSR68-2446
 EXPERIMENTAL STUDIES OF PULSED MICROWAVE BREAKDOWN EFFECTS IN A HYPERSONIC AIR PLASMA FINAL REPORT FEB 1968 AFOSR68-0145
 CIS-TRANS ISOMERIZATION AND PULSED LASER STUDIES OF SUBSTITUTED INDIGO DYES AFOSR68-0659
 RADIATION MEASUREMENTS FROM A PULSED HIGH-PRESSURE NITROGEN ARC FINAL REPORT AUGUST 1968 ARL 68-0152
 SPATIAL INHOMOGENEITIES IN THE PULSED GLOW DISCHARGE ARL 67-0082
 SPECTROGRAPHIC MEASUREMENTS OF A PULSED ARC AFOSR69-1311
 SOLID HELIX MAGNETS FOR LARGE VOLUME PULSED HIGH FIELDS AFOSR67-1236
 INVESTIGATION OF PLASMA ROTATION IN A PULSED INDUCTIVE ACCELERATOR AFOSR68-0546
 A FAST RECOVERY PROBE AND RECEIVER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY AFOSR68-0931
 A HIGH-POWER (UNTUNED) RADIO-FREQUENCY TRANSMITTER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY AFOSR68-1647
 FREQUENCY CONVERSION OF SPIN AND SPIN-ELASTIC WAVES IN PULSED MAGNETIC FIELDS AFOSR67-0661
 AN EXPERIMENTAL INVESTIGATION OF THE TRANSPORT PROPERTIES OF ARGON IN A PULSED, HIGH CURRENT ARC ARL 68-1128

PULSED-BEAM

A PULSED-BEAM FACILITY FOR THE UNIVERSITY OF ROCHESTER'S MP TANDEM AFOSR67-0984

PULSED-ION

RESONANCE-RADIATION-TRAPPING EFFECTS IN A PULSED-ION LASER AFOSR68-2574

PULSES

RADIO PULSES FROM EXTENSIVE AIR SHOWERS AT 520MHZ AFOSR68-0758
 RADIO PULSES FROM AIR SHOWERS AT MT CHACALTAYA AFOSR68-2316
 RADIO PULSES FROM COSMIC RAY SHOWERS AFOSR68-2479
 SYNTHESIZING THE WAVEFORMS OF RATS PULSES AFOSR67-2124
 NANSECOND TIME DIFFERENCES BY DYNAMIC STORAGE OF FLIP-FLOP PULSES AFOSR67-0545

PUMP

PRODUCTION OF UNIFORM DROPLETS BY MEANS OF AN ION DRAG PUMP AFOSR68-2542

PUMPING

ON ARC PUMPING AND THE MOTION OF ELECTRIC ARCS IN A TRANSVERSE MAGNETIC FIELD ARL 67-0124
 OPTICAL PUMPING IN ALKALI METAL VAPORS FINAL REPORT FEB 1968 AFOSR68-1764
 SIMULTANEOUS PARALLEL PUMPING OF NUCLEAR AND ELECTRONIC SPIN WAVES AFOSR68-0802

| | |
|--|--------------|
| PUNITIVE | |
| SOME EFFECTS OF COMBINING CLOSE PUNITIVE AND SUPPORTIVE STYLES OF SUPERVISION FINAL REPORT JUNE 1968 | AFOSR68-0317 |
| PUPIL | |
| SURGICAL IMMOBILIZATION OF THE EYE AND PUPIL PERMITTING STABLE PHOTIC STIMULATION OF FREELY MOVING CATS | AFOSR67-2546 |
| PUPILLARY | |
| PUPILLARY RESPONSES IN A PITCH-DISCRIMINATION TASK | AFOSR67-1626 |
| PUPILS | |
| WHAT PUPILS AND TEACHERS SHOULD KNOW ABOUT GURSSING | AFOSR68-2157 |
| PUPPIS | |
| THE VARIABILITY OF RHO PUPPIS | AFOSR67-0623 |
| PURE | |
| THE PURE PALLADIUM PROBLEM | AFOSR68-0972 |
| THEORY OF PURE TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELDS II ULTRASONIC ATTENUATION | AFOSR67-1744 |
| AN OPTICALLY PURE SEQUENCE PEPTIDE POLY GLY GLY PHE | AFOSR67-0537 |
| WELDON MODES IN PURE TYPE-II SUPERCONDUCTORS IN THE HIGH-FIELD REGION | AFOSR67-1743 |
| MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1963 VOLUME VIII FINAL REPORT AUG 1968 | AFOSR67-0302 |
| MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1962 VOLUME VII FINAL REPORT AUG 1968 | AFOSR67-0363 |
| MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1961 VOLUME VI FINAL REPORT AUG 1968 | AFOSR67-0364 |
| INDUCTIVE ABSORPTION IN PURE KCl AND CaF ₂ | AFOSR67-1143 |
| THERMAL CONDUCTIVITY OF PURE TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELDS | AFOSR67-2486 |
| SELF-DIFFUSION ON NEARLY PURE METALLIC SURFACES | AFOSR67-0084 |
| N-SUBSHELL MEASUREMENTS ON PURE E2 TRANSITIONS IN EVEN-EVEN NUCLEI | ARL 67-1266 |
| ULTRASONIC ATTENUATION IN A PURE TYPE II SUPERCONDUCTOR NEAR THE UPPER CRITICAL FIELD | AFOSR68-0423 |
| STRAIN AGING OF COMMERCIAL PURE ALUMINUM | AFOSR67-0590 |
| RESEARCH ON THE PREPARATION OF PURE METALS FINAL REPORT FEB 1968 | AFOSR67-0151 |
| N-SUBSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS | ARL 68-0227 |
| N-SUBSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS | ARL 68-1201 |
| N-SUBSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS | ARL 68-1213 |
| EFFECTS OF ENERGY GAP ANISOTROPY IN PURE SUPERCONDUCTORS | AFOSR67-0162 |
| HIGH-STRESS OPTICAL BIREFRINGENCE IN PURE AND DEGENERATE N-TYPE GERMANIUM | AFOSR68-0884 |
| ENERGY GAP AND THERMAL CONDUCTIVITY OF PURE AND IMPURE SUPERCONDUCTING TIN | AFOSR68-0015 |
| ANISOTROPY IN TUNNELING DENSITY OF STATES IN PURE TYPE-II SUPERCONDUCTORS | AFOSR67-1742 |
| THE RATIO OF THE UPPER TWO CRITICAL FIELDS IN PURE Nb | AFOSR68-1532 |
| A KEYWORD AND AUTHOR INDEX FOR THE MASTERS THESES IN THE PURE AND APPLIED SCIENCES ACCEPTED BY U S COLLEGES AND | AFOSR67-0421 |
| FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II SUPERCONDUCTORS II PURE LIMIT | AFOSR67-2487 |
| MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND UP TO 150 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC | AFOSR68-0422 |
| PURIFICATION | |
| RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS | ARL 67-0070 |
| RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS FINAL REPORT MAY 1968 | ARL 68-0096 |
| PURINES | |
| CHARGE-TRANSFER COMPLEXES OF PURINES AND PYRIMIDINES | AFOSR68-0666 |
| PURITY | |
| OPTICAL PURITY AND OPTICAL ROTATORY POWER OF DEHYDRONURCAMPHOR | AFOSR68-2234 |
| THE PREPARATION OF /PLUS/ -N-METHYL-1-/1-NAPHTHYL/ ETHYLAMINE AND THE DETERMINATION OF ITS OPTICAL PURITY BY NUCLEAR | AFOSR68-1490 |
| PURITY-PROPERTY | |
| PURITY-PROPERTY RELATIONSHIPS IN ORGANIC SEMICONDUCTION FINAL REPORT APR 1968 | AFOSR68-0181 |
| PURKINJE | |
| QUANTITATIVE ANALYSIS OF THE SPONTANEOUS AND EVOKED ACTIVITY OF THE CELLS OF THE PURKINJE /FRENCH/ | AFOSR67-2585 |
| PURROMYCIN | |
| ULTRASTRUCTURAL ASPECTS OF THE INHIBITION OF NEUROSECRETION BY PURROMYCIN | AFOSR67-2097 |
| PURPOSE | |
| STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360 | AFOSR68-0763 |
| PURSUIT | |
| THE APPLICATION OF THE METHOD OF STEEPEST DESCENT TO A PURSUIT EVASION PROBLEM | ARL 68-0017 |
| PURSUIT-EVASION | |
| A NEW APPROACH TO LINEAR PURSUIT-EVASION PROBLEMS | AFOSR68-2109 |
| PUSH | |
| PUSH DOWN LIST MEMORY /PUDL/ FINAL REPORT AUG 1968 | AFOSR68-0403 |
| PUSHDOWN | |
| WRITING PUSHDOWN ACCEPTORS | AFOSR68-0344 |
| PYRAMIDAL | |
| THERMAL RACEMIZATION OF DIARYL ALKYL ARYL AND DIARYL SULFOXIDES BY PYRAMIDAL INVERSION | AFOSR68-2490 |
| PYRENE | |
| POTASSIUM HYPERFINE SPLITTING IN THE ESR SPECTRUM OF PYRENE ANIONS IN TETRAHYDROFURAN | AFOSR68-1255 |
| PYRIDINE | |
| THE FORMATION OF VIBRONIC CHROMOPHORE FROM PYRIDINE PHOTOCHROMIC CHROMOPHORE BY EXTRACTS OF RED ALGAE AND OF LIVER | AFOSR68-0532 |

| | |
|--|--------------|
| PYRIDOXINE | |
| COMPUTER ASSISTED ELECTROENCEPHALOGRAPHIC ANALYSIS OF CHICK PYRIDOXINE DEFICIENCY STATES | AFOSR67-1890 |
| PYRIMIDINE | |
| ELECTRON SPIN RESONANCE STUDY OF HYDROGEN ADDITION AND - REPLACEMENT REACTIONS IN SOME PYRIMIDINE COMPOUNDS | AFOSR67-2282 |
| PYRIMIDINES | |
| CHARGE-TRANSFER COMPLEXES OF PURINES AND PYRIMIDINES | AFOSR68-0660 |
| PYROLYSIS | |
| THE PYROLYSIS OF TETRAFLUOROETHYLENE | AFOSR68-1200 |
| THE KINETICS OF OXALATE ION PYROLYSIS IN A POTASSIUM BROMIDE MATRIX | AFOSR67-0541 |
| THE KINETICS OF CALCIUM OXALATE PYROLYSIS | AFOSR67-0540 |
| THE EFFECT OF RING SIZE ON THE RATE OF PYROLYSIS OF CYCLOALKYL PHENYL SULFOXIDES | AFOSR67-1614 |
| PYROLYTIC | |
| CONDUCTION PROPERTIES OF PYROLYTIC SILICON NITRIDE FILMS | AFOSR68-1288 |
| COMPARATIVE STUDIES OF THE ATTACK OF PYROLYTIC AND ISOTROPIC GRAPHITE BY ATOMIC AND MOLECULAR OXYGEN AT HIGH | AFOSR68-1286 |
| PYROPHORICS | |
| THE POTENTIAL OF PYROPHORICS | ARL 68-1434 |
| PYRUVATE | |
| CORRELATION BETWEEN THE PHOTOCHEMISTRY AND THE MASS SPECTRA OF PYRUVIC ACID AND ISOPROPYL PYRUVATE | AFOSR67-1847 |
| PYRUVIC | |
| CORRELATION BETWEEN THE PHOTOCHEMISTRY AND THE MASS SPECTRA OF PYRUVIC ACID AND ISOPROPYL PYRUVATE | AFOSR67-1847 |
| Q-DEVICE | |
| SINGLE-ENDED Q-DEVICE | AFOSR68-2818 |
| Q-MACHINE | |
| SURVEY ON RESEARCH ON Q-MACHINE PLASMAS | ARL 68-1442 |
| VISUALIZATION OF PLASMA FLUTES IN A Q-MACHINE | AFOSR68-2639 |
| PAST, PRESENT AND FUTURE RESEARCH IN Q-MACHINE PLASMAS | ARL 68-1441 |
| Q-SPOILED | |
| TEMPORAL COHERENCE AND FREQUENCY VS TIME CHARACTERISTICS OF A Q-SPOILED RUBY LASER | AFOSR67-0052 |
| Q-STRUCTURE | |
| Q-STRUCTURE AND K-SHELL VACANCIES IN NE/C/NE COLLISIONS AT 150 TO 400 KEV | AFOSR67-1137 |
| Q-SWITCH | |
| INVESTIGATION OF SPECTRAL BLEACHING IN PASSIVE Q-SWITCH DYES | AFOSR67-0450 |
| Q-SWITCHED | |
| TRANSIENT INTERFERENCE STUDIES OF PASSIVELY Q-SWITCHED RUBY LASER EMISSION | AFOSR68-0444 |
| Q-SWITCHING | |
| PASSIVE Q-SWITCHING OF A CARBON DIOXIDE LASER | AFOSR68-1184 |
| QUADRATIC | |
| QUADRATIC CONSTANTS OF THE MOTION FOR THE CLASSICAL HARMONIC OSCILLATOR | AFOSR67-0115 |
| QUADRATIC PROGRAMMING IN COMPLEX SPACE | ARL 68-0268 |
| OPTIMUM QUADRATIC DETECTION OF A RANDOM VECTOR IN GAUSSIAN NOISE | AFOSR67-0734 |
| IMPORTANCE OF QUADRATIC FORCE CONSTANTS IN FERMI RESONANCE | AFOSR67-2842 |
| QUARK MODEL AND QUADRATIC MASS FORMULAS FOR MESONS | AFOSR67-2239 |
| SYMMETRIC DUALITY FOR QUADRATIC PROGRAMMING IN COMPLEX SPACE | ARL 68-0090 |
| TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES II | AFOSR68-0793 |
| TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES I | AFOSR68-0849 |
| LOWER BOUNDS FOR EIGENVALUES OF A QUADRATIC FORM RELATIVE TO A POSITIVE QUADRATIC FORM | ARL 68-0274 |
| SPARSE REPRESENTATIONS OF DISTRIBUTIONS OF QUADRATIC FORMS IN NORMAL VARIABLES II NON-CENTRAL CASE | AFOSR67-0406 |
| PRINCIPAL SUBMATRICES II THE UPPER AND LOWER QUADRATIC INEQUALITIES | AFOSR68-1955 |
| AN ITERATIVE PROCEDURE FOR COMPUTING THE MINIMUM OF A QUADRATIC FORM ON A CONVEX SET | AFOSR67-0839 |
| DISCRETE LINEAR OPTIMAL CONTROL SYSTEMS WITH ESSENTIALLY QUADRATIC COST FUNCTIONALS | AFOSR67-0206 |
| OPTIMAL BOUNDED CONTROL WITH LINEAR STOCHASTIC EQUATIONS AND QUADRATIC COST | AFOSR67-0327 |
| LOWER BOUNDS FOR EIGENVALUES OF A QUADRATIC FORM RELATIVE TO A POSITIVE QUADRATIC FORM | ARL 68-0274 |
| QUADRUPEL | |
| OPTIMUM QUADRUPEL CREEPING GAITS | AFOSR68-1846 |
| FINITE STATE CONTROL OF QUADRUPEL LOCOMOTION | AFOSR68-1320 |
| QUADRUPOLE | |
| NUCLEAR QUADRUPOLE RESONANCE OF DIAMMONIUM PENTACHLOROQUINOINDIUMATE | AFOSR67-2753 |
| NUCLEAR QUADRUPOLE RESONANCE INVESTIGATION OF NIOBIUM BROMIDE AND URANIUM IODIDE | AFOSR68-0556 |
| NUCLEAR QUADRUPOLE MOMENTS OF THE NEUTRON DEFICIENT ISOTOPES 131CS AND 132CS | AFOSR68-1107 |
| ELECTRIC NUCLEAR QUADRUPOLE MOMENT OF CESIUM 134 /GERMAN/ | AFOSR68-1155 |
| CHLORINE-35 NUCLEAR QUADRUPOLE RESONANCE AND THE STRUCTURE OF THE BICHLORIDE ION IN TETRAMETHYLAMMONIUM BICHLORIDE | AFOSR68-0679 |
| UNIFORM-ELECTRIC-FIELD QUADRUPOLE POLARIZABILITIES AND SHIELDING FACTORS FOR S-STATE ATOMS AND IONS | AFOSR67-0310 |
| SIMPLIFIED MOUNTING FOR QUADRUPOLE MASS FILTER RODS | AFOSR68-0734 |
| QUADRUPOLE-ALLOWED | |
| QUADRUPOLE-ALLOWED TRANSITIONS IN THE ELECTRON-IMPACT SPECTRUM OF NITROGEN | AFOSR67-0194 |
| QUALIFICATION | |
| METEOROLOGICAL PROB PNM-88 QUALIFICATION PROGRAM FINAL REPORT FEB 1968 | AFOSR68-0132 |

| | |
|---|--------------|
| QUALIFYING | |
| AIRMAN QUALIFYING EXAMINATION-66 ADMINISTERED AS A CONFIDENCE TEST | AFOSR66-2162 |
| QUALITATIVE | |
| QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS AND STRUCTURAL STABILITY | AFOSR67-2203 |
| QUALITY | |
| FACTORS AFFECTING THE AIR PICTURE QUALITY | AFCLR68-0517 |
| DECISION-THEORETIC PSYCHOMETRICS THE EFFECT OF GUESSING ON THE QUALITY OF PERSONNEL AND COUNSELING DECISIONS | AFOSR68-2155 |
| INVESTIGATION OF THE VARIABLES CONTROLLING THE FLUX GROWTH OF HIGH QUALITY LASER CRYSTALS FINAL REPORT MAR 1967 | AFCLR67-0196 |
| QUANTA | |
| LOW ENERGY QUANTA IMAGE TRANSDUCERS USING A CONTROLLED RECOMBINATION MODE | ARL 67-0041 |
| QUANTAL | |
| CLASSICAL AND QUANTAL CALCULATIONS ON ELECTRON CAPTURE | AFCLR67-0351 |
| QUANTITATIVE | |
| QUANTITATIVE ASPECTS ON THERMAL STABILITY OF ORGANIC COMPOUNDS FINAL REPORT NOV 1966 | AFOSR67-0523 |
| QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY FINAL REPORT OCT 1966 | AFOSR67-0512 |
| QUANTITATIVE OBSERVATIONS OF OUT ANGEL ECHOES AT TWO FREQUENCIES | AFOSR67-0820 |
| QUANTITATIVE ANALYSIS OF THE SPONTANEOUS AND EVOKED ACTIVITY OF THE CELLS OF THE PURKINJE /FRENCH/ | AFOSR67-2505 |
| QUANTITATIVE DETERMINATION OF EVAPORATED Si FILMS BY NEUTRON ACTIVATION | AFOSR68-0332 |
| QUANTITATIVE REFLECTION ELECTRON DIFFRACTION IN AN ULTRA HIGH VACUUM CAMERA | AFOSR68-0357 |
| QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY | AFOSR68-1176 |
| QUANTITATIVE STUDY OF DISPERSED PARTICLE STATISTICS WITH TRANSMISSION ELECTRON MICROSCOPY | AFOSR68-2656 |
| QUANTITATIVE ANALYSIS FOR ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | ARL 68-1438 |
| A QUANTITATIVE STUDY ON THE HIGH-NEOSTRIATAL DOPAMINE NEURON SYSTEM IN THE RAT | AFOSR67-0870 |
| A QUANTITATIVE STUDY OF PAIN AND ITS REDUCTION THROUGH HYPNOTIC SUGGESTION | AFOSR67-2212 |
| ON QUANTITATIVE DETERMINATION OF EARTHQUAKE RISK | AFOSR68-1440 |
| CRITERIA FOR QUANTITATIVE SCHLIEREN INTERFEROMETRY | ARL 67-0195 |
| 1 SP OF THE AN/PPS-77 FOR QUANTITATIVE WEATHER RADAR MEASUREMENTS | AFCLR68-0013 |
| QUANTITIES | |
| SHOCK TUBE RESEARCH - ASTROPHYSICAL QUANTITIES FINAL REPORT FEB 1968 | AFCLR68-0194 |
| RESEARCH DIRECTED TOWARDS THE STUDY OF MOLECULAR BAND INTENSITIES AND DERIVED QUANTITIES FINAL REPORT MAY 1967 | AFCLR67-0306 |
| THE FREQUENCY DEPENDENCE OF THE DIELECTRIC CONSTANT AND CONDUCTIVITY OF ROCK AND ITS RELATION TO QUANTITIES OF ROCK | AFCLR67-0362 |
| QUANTIZATION | |
| QUANTIZATION OF MULTISPINOR FIELDS | AFOSR68-1273 |
| SECOND QUANTIZATION AS A GRADED HILBERT SPACE REPRESENTATION | AFOSR68-1130 |
| HAMILTON-JACOBI QUANTIZATION OF GENERAL RELATIVITY | AFOSR67-1021 |
| AN INVESTIGATION OF QUANTIZATION TECHNIQUES FINAL REPORT FEB 1968 | AFCLR68-0150 |
| TEMPERATURE DEPENDENCE OF THE MAGNETIC FIELD PERIODICITY IN FLUX QUANTIZATION EXPERIMENTS | AFOSR68-1460 |
| QUANTIZED | |
| QUANTIZED VORTEX RINGS IN ROTATING HELIUM II | AFOSR67-1016 |
| QUANTIZED VORTICES IN AN IMPERFECT BOSE GAS AND THE BREAKDOWN OF SUPERFLUIDITY IN LIQUID HELIUM II | AFOSR68-0970 |
| UTILITY OF QUANTIZED MODELS OF PAGING FOR ERROR ANALYSIS FINAL REPORT JAN 1968 | AFCLR68-0073 |
| INTERACTION OF QUANTIZED VORTEX RINGS WITH QUANTIZED VORTEX LINES IN ROTATING HE II | AFOSR68-2527 |
| NOTION OF NEGATIVE IONS ALONG QUANTIZED VORTEX LINES | AFOSR68-2288 |
| INTERACTION OF QUANTIZED VORTEX RINGS WITH QUANTIZED VORTEX LINES IN ROTATING HE II | AFOSR68-2527 |
| QUANTUM | |
| QUANTUM ELECTRODYNAMICS FROM THE POINT OF VIEW OF TOPOLOGICAL GROUPS FINAL REPORT DEC 1966 | AFCLR67-0027 |
| THEORY OF INTENSIVELY MODULATED LASERS | AFCLR67-0119 |
| QUANTUM THEORY OF LASER OSCILLATION I | AFCLR67-0411 |
| QUANTUM STATISTICS OF COUPLED OSCILLATOR SYSTEMS | AFCLR68-0059 |
| QUANTUM THEORY OF LASER OSCILLATION II | AFCLR68-0244 |
| QUANTUM LIMITATIONS TO ELECTROMAGNETIC SIGNAL MEASUREMENTS FINAL REPORT DEC 1966 | AFOSR67-0152 |
| QUANTUM THEORY OF AC MAGNETORESISTANCE | AFOSR67-1031 |
| QUANTUM THEORY OF DYNAMIC MAGNETORESISTANCE | AFOSR67-1132 |
| QUANTUM HARD-SPHERE GAS IN THE LIMIT OF HIGH DENSITIES WITH APPLICATION TO SOLIDIFIED LIGHT GASES | AFOSR67-1667 |
| QUANTUM LIMIT GALVANOMAGNETIC PHENOMENA IN NORMAL-INDIUM ANTIMONIDE | AFOSR67-1677 |
| QUANTUM THEORY OF SUPERFLUID VORTICES I LIQUID HELIUM II | AFOSR67-2471 |
| QUANTUM THEORY OF MANY-PARTICLE SYSTEMS | AFOSR68-0100 |
| QUANTUM THEORY OF AN OPTICAL MASER I GENERAL THEORY | AFOSR68-0117 |
| QUANTUM THEORY OF PARAMETRIC AMPLIFICATION II | AFOSR68-0136 |
| QUANTUM THEORY OF PARAMETRIC AMPLIFICATION I | AFOSR68-0141 |
| QUANTUM THEORY OF SUPERFLUID VORTICES II TYPE-II SUPERCONDUCTORS | AFOSR68-0440 |
| QUANTUM SPECTROSCOPY OF THE LOW FIELD OSCILLATIONS OF THE SURFACE IMPEDANCE | AFOSR68-0561 |
| QUANTUM OSCILLATIONS OF THE VELOCITY OF SOUND IN GALLIUM | AFOSR68-0600 |
| QUANTUM THEORY OF GRAVITY | AFOSR68-0840 |
| QUANTUM THEORY OF AN OPTICAL MASER II SPECTRAL PROFILE | AFOSR68-1007 |
| QUANTUM SPECTROSCOPY OF THE LOW-FIELD OSCILLATIONS IN THE SURFACE IMPEDANCE | AFOSR68-1560 |
| QUANTUM STRUCTURE IN THE DIELECTRIC FUNCTION OF METALS AND ANOMALOUS PROPAGATION MODES | AFOSR68-1709 |
| QUANTUM DYNAMICS IN PHASE SPACE | AFOSR68-2482 |
| QUANTUM MECHANICS | ARL 67-1317 |
| QUANTUM MECHANICAL STUDY OF PLASMAS FINAL REPORT DECEMBER 1966 | ARL 68-0203 |
| QUANTUM MECHANICS AND SOURCES | ARL 68-1103 |
| A QUANTUM CHARACTERIZATION OF CLASSICAL RADIATION | AFCLR67-0041 |
| ON THE QUANTUM STATISTICS OF MODE MIXING IN NONLINEAR MEDIA | AFOSR67-0425 |
| MULTIPLE QUANTUM TRANSITIONS IN MAGNESIUM OXIDE | AFOSR67-0535 |
| RELATIVE QUANTUM YIELD FOR PHOTOEMISSION FROM THIN FILMS OF XENON AND KRYPTON | AFOSR68-1742 |
| CLASSICAL AND QUANTUM RATE THEORIES FOR SOLIDS | AFOSR68-1871 |
| OBSERVATION OF QUANTUM SPIN AND HIGH FIELD DAMPING EFFECTS IN MICROWAVE HELICON PROPAGATION IN DEGENERATE | AFOSR67-0215 |
| OBJECTIVITY IN QUANTUM MECHANICS | AFOSR67-1275 |
| STUDIES ON THE QUANTUM YIELD OF THE PHOTODISSOCIATION OF CARBON MONOXIDE FROM HEMOGLOBIN AND MYOGLOBIN | AFOSR67-1691 |
| LOW-TEMPERATURE QUANTUM CORRECTIONS TO THE SECOND VIRIAL COEFFICIENT | AFOSR68-2463 |
| PROBABILITIES IN QUANTUM MECHANICS | AFOSR67-2312 |
| ON THE PROBLEM OF QUANTUM INTERFERENCE FINAL REPORT JUNE 1969 | AFCLR68-0336 |
| GAUGE INDEPENDENT QUANTUM ELECTRODYNAMICS | ARL 68-1093 |
| THEORETICAL WORK IN QUANTUM FIELD THEORY AND ELEMENTARY PARTICLES FINAL REPORT JAN 1968 | AFOSR68-1131 |
| MODULAR VARIABLES IN QUANTUM THEORY FINAL REPORT NOV 1967 | AFCLR68-0127 |
| MANY BODY THEORY AND QUANTUM FLUIDS FINAL REPORT JUNE 1968 | AFOSR68-1039 |
| REGGED HILBERT SPACES IN QUANTUM MECHANICS | AFOSR67-0141 |
| CLASSICAL BEHAVIOR OF SYSTEMS OF QUANTUM OSCILLATORS | AFOSR67-0119 |
| ANTINORMALLY ORDERED CORRELATIONS AND QUANTUM COUNTERS | AFOSR67-0388 |

QUANTUM - CONTINUED

| | |
|---|--------------|
| DERIVATION OF GENERAL EXPRESSIONS FOR QUANTUM AND POWER EFFICIENCIES FOR ATOMIC FLUORESCENCE OF ATOMS IN A HOT GAS | AFOSR67-1300 |
| APPROACH TO EQUAL-TIME COMMUTATORS IN QUANTUM FIELD THEORY | AFOSR68-1168 |
| RADIATIONLESS TRANSITIONS AND MOLECULAR QUANTUM REACTS | AFOSR68-2004 |
| POSITION OPERATORS AND LOCALIZABILITY OF QUANTUM SYSTEMS | ARL 68-1096 |
| DIAGONAL COHERENT-STATE REPRESENTATION OF QUANTUM OPERATORS | AFOSR67-1451 |
| STUDY OF SPECTRAL REPRESENTATIONS FOR SIMPLE QUANTUM-MECHANICAL SYSTEMS | AFOSR67-2196 |
| RESEARCH ON THEORETICAL HIGH ENERGY PHYSICS AND QUANTUM THEORY OF MANY PARTICLE SYSTEMS FINAL REPORT DEC 1967 | AFOSR68-0910 |
| SOME REMARKS ABOUT THE LOCALIZATION OF STATES IN A QUANTUM FIELD THEORY | AFOSR67-2613 |
| ANALYTIC AND ALGEBRAIC RELATIONS BETWEEN SOME CLASSICAL QUANTUM-MECHANICAL PROBLEMS | AFOSR68-1214 |
| NOTES TOWARD THE CONSTRUCTION OF NONLINEAR RELATIVISTIC QUANTUM FIELDS & THE HAMILTONIAN IN TWO SPACE-TIME DIMENSIONS | AFOSR68-1386 |
| STATISTICAL MECHANICS OF EQUILIBRIUM NON-EQUILIBRIUM AND QUANTUM MANY-BODY PROCESSES FINAL REPORT DEC 1967 | AFOSR68-2097 |
| GENERALIZED TRANSFORMATION TO A ROTATING COORDINATE SYSTEM IN QUANTUM MECHANICS | AFOSR67-1946 |
| QUANTUM-ELECTRODYNAM | |
| MEASUREMENT OF THE QUANTUM-ELECTRODYNAMIC LEVEL SHIFT IN THE /THIRD EXCITED STATE OF SINGLY IONIZED HELIUM/ | AFOSR67-1222 |
| QUANTUM-MECHANICAL | |
| QUANTUM-MECHANICAL CALCULATIONS ON THE NO PLUS O REACTION FINAL REPORT FEB 1968 | AFOSR68-0137 |
| QUANTUM-MECHANICAL EXTENSION OF THE LEBOWITZ-PENROSE THEOREM ON THE VAN DER WAALS THEORY | AFOSR67-0033 |
| QUARK | |
| QUARK MODEL AND QUADRATIC MASS FORMULAS FOR MESONS | AFOSR67-2239 |
| COVARIANT ANALYSIS OF QUARK COMMUTATORS AND ELECTROMAGNETIC COUPLINGS | AFOSR67-0586 |
| FURTHER CONSEQUENCES OF THE QUARK MODEL IN INELASTIC NEUTRON-BARYON SCATTERING | AFOSR67-2033 |
| ELECTROMAGNETIC PROPERTIES OF MESONS IN THE QUARK MODEL | AFOSR67-2520 |
| SOME EXTENSIONS OF THE MANY-BODY POTENTIAL MODEL OF QUARK BINDING | AFOSR68-1402 |
| NUMERICAL ANALYSIS OF HADRON TOTAL CROSS SECTIONS IN THE QUARK MODEL | AFOSR68-1371 |
| SOME CONSEQUENCES OF THE SATURATION OF COVARIANT SUM RULES DERIVED FROM QUARK CHARGE-COMMUTATION RELATIONS | AFOSR68-1376 |
| QUARKS | |
| QUARKS AND MAGNETIC POLES | AFOSR67-0871 |
| QUARKS AND MAGNETIC POLES | AFOSR67-2223 |
| DETECTION OF QUARKS IN THE ULTRAVIOLET SOLAR SPECTRUM | AFOSR67-2640 |
| QUARKS-ON-SPRINGS | |
| A QUARKS-ON-SPRINGS MODEL OF THE BARYONS | AFOSR68-2530 |
| QUARTER-SPACE | |
| A GENERAL SOLUTION FOR THE ELASTIC QUARTER-SPACE FINAL REPORT AUGUST 1968 | AFOSR68-1692 |
| QUARTIC | |
| GENERAL QUARTIC FORCE FIELD OF HCN | AFOSR67-2843 |
| QUARTZ | |
| MICROWAVE RECTIFICATION USING QUARTZ | AFOSR67-0143 |
| EXPERIMENTAL STUDIES OF ATOMIC HYDROGEN RECOMBINATION AT GLASS AND QUARTZ SURFACES FINAL REPORT MARCH 1967 | AFOSR67-1111 |
| QUARTZITE | |
| PLASTIC PRECURSOR DECAY IN QUARTZITE FOR CYLINDRICAL AND SPHERICAL FLOW | AFOSR68-1134 |
| QUASARS | |
| A PLASMA MODEL OF QUASARS AND RADIO GALAXIES | AFOSR68-1809 |
| DIRECTED EMISSION MODEL FOR QUASARS | AFOSR68-0791 |
| QUASI-AXISYMMETRIC | |
| A QUASI-AXISYMMETRIC APPROXIMATION FOR TURBULENT THREE-DIMENSIONAL JETS AND WAKES | AFOSR68-0981 |
| QUASI-ELASTIC | |
| SIMPLE FORMULA FOR THE DRILL-VALECKA FORM FACTORS IN QUASI-ELASTIC ELECTRODYNAMIC PROCESSES | AFOSR67-2521 |
| QUASI-EQUILIBRIUM | |
| NUCLEAR QUASI-EQUILIBRIUM DURING SILICON BURNING | AFOSR68-2772 |
| QUASI-FERMI | |
| THE SPATIAL VARIATION OF THE QUASI-FERMI POTENTIALS IN P-N JUNCTIONS | AFOSR67-1161 |
| QUASI-FINITE | |
| GENERALIZATION OF GALDIS THEORY, CLASS FIELD THEORY AND QUASI-FINITE FIELDS | ARL 68-1263 |
| QUASI-PARTICLE | |
| ON THE CRITERIA FOR THE BEST BOGOLIOBOV QUASI-PARTICLE | AFOSR68-1184 |
| QUASI-PERFECT | |
| SOME ADDITIONAL QUASI-PERFECT CODES | AFOSR67-1759 |
| A SEARCH TECHNIQUE FOR QUASI-PERFECT CODES | AFOSR67-0760 |
| QUASI-PERIODIC | |
| ELECTROMAGNETIC RADIATION FROM QUASI-PERIODIC STRUCTURES FINAL REPORT JULY 1967 | AFOSR67-0440 |
| QUASI-STATIC | |
| QUASI-STATIC ION CYCLOTRON WAVES | AFOSR68-0087 |
| QUASI-STELLAR | |
| A MODEL OF QUASI-STELLAR RADIO SOURCES | AFOSR67-0010 |
| SPECTRAL SHIFTS IN QUASI-STELLAR OBJECTS | AFOSR67-0190 |
| INVERSE COMPTON RADIATION IN QUASI-STELLAR OBJECTS | AFOSR67-1668 |

QUASI-STELLAR - CONTINUED

| | |
|--|---|
| DISCUSSION OF OBSERVATIONS OF QUASI-STELLAR RADIO SOURCES RADIO GALAXIES AND SUPERNOVA REMNANTS THE NATURE OF THE RED-SHIFTS IN QUASI-STELLAR OBJECTS | AFOSR68-1761
AFOSR68-2291 |
| QUASI-THREE-BODY | |
| A NON-LOCAL MODEL T-MATRIX IN A QUASI-THREE-BODY REACTION | AFOSR68-2533 |
| QUASILINEAR | |
| ON QUASILINEAR ELLIPTIC FUNCTIONAL-DIFFERENTIAL EQUATIONS
THE DIRICHLET PROBLEM FOR QUASILINEAR EQUATIONS WITH MANY INDEPENDENT VARIABLES
LOCAL BEHAVIOR OF SOLUTIONS OF QUASILINEAR PARABOLIC EQUATIONS
EXISTENCE AND NONEXISTENCE IN THE LARGE OF SOLUTIONS OF QUASILINEAR WAVE EQUATIONS | AFOSR67-2125
AFOSR68-1849
AFOSR68-2457
AFOSR68-0916 |
| QUASILINEARIZATION | |
| QUASILINEARIZATION TECHNIQUE FOR SOLUTION OF BOUNDARY LAYER EQUATIONS
QUASILINEARIZATION DIFFERENCE APPROXIMATION AND NONLINEAR BOUNDARY VALUE PROBLEMS
APPLICATION OF QUASILINEARIZATION TO THE SOLUTION OF NONLINEAR DIFFERENTIAL EQUATIONS | AFOSR68-2407
AFOSR68-2417
AFOSR67-1465 |
| QUASIOSCILLARY | |
| A QUASIOSCILLARY TIME-VARIABLE SYNTHESIS SUITABLE FOR INTEGRATED CIRCUITS | AFOSR68-0847 |
| QUASIMONOCHROMATIC | |
| RANDOM SCATTERING OF QUASIMONOCHROMATIC RADIATION IN A LONG TRANSMISSION LINE | AFOSR67-0353 |
| QUASIPERIODIC | |
| DOMAINS OF ATTRACTION OF SOME QUASIPERIODIC SOLUTIONS | AFOSR67-1648 |
| QUASITHERMAL | |
| RATE CONSTANTS FOR CHARGE EXCHANGE INVOLVING QUASITHERMAL IONS AND NITRIC OXIDE | ARL 68-0095 |
| QUATERNARY | |
| THE MECHANICAL ANALYSIS OF QUATERNARY TECTONISM FINAL REPORT OCT 1967 | AFOSR67-0630 |
| QUENCHERS | |
| CONJUGATED DIENES AS QUENCHERS FOR EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS | AFOSR67-0109 |
| QUENCHING | |
| QUENCHING OF EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS BY CONJUGATED DIENES
QUENCHING OF OSCILLATIONS IN PHOTOCONDUCTIVITY OF CDS
A NOTE ON ASYNCHRONOUS QUENCHING
RATE OF THE EXCITATION ENERGY IN THE QUENCHING OF FLUORESCENCE BY CONJUGATED DIENES
VIBRATIONAL ENERGY TRANSFER COLLISIONAL QUENCHING OF COMPETITIVE UNIMOLECULAR REACTIONS
EXPERIMENTAL EVIDENCE FOR THE ABSENCE OF QUENCHING OF SODIUM RESONANCE RADIATION BY INERT GASES
INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES II THE QUENCHING OF SODIUM RESONANCE RADIATION BY N
INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES I SENSITIZED FLUORESCENCE AND QUENCHING IN CS- NSUB2 | AFOSR68-0815
ARL 68-0249
AFOSR67-0453
AFOSR68-1681
AFOSR68-1367
AFOSR68-0162
AFOSR67-2675
AFOSR67-1144 |
| QUESTION | |
| QUESTION OF SINGLET STATES OF PARAMAGNETIC IMPURITIES IN METALS
QUESTION NEGOTIATION AND INFORMATION SPEERING IN LIBRARIES FINAL REPORT JULY 1967
ON A QUESTION CONCERNING CERTAIN FREE SUBMONOIDS
ON THE QUESTION OF CHARGE SYMMETRY IN D-D REACTIONS | AFOSR67-1057
AFOSR67-2365
AFOSR68-0143
AFOSR67-0566 |
| QUESTION-ANSWERING | |
| AUTOMATIC QUESTION-ANSWERING OF ENGLISH-LIKE QUESTIONS ABOUT SIMPLE DIAGRAMS
RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEM
RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEMS FINAL REPORT MAY 1968 | AFOSR68-1303
AFOSR67-0370
AFOSR68-0256 |
| QUESTIONS | |
| AUTOMATIC QUESTION-ANSWERING OF ENGLISH-LIKE QUESTIONS ABOUT SIMPLE DIAGRAMS | AFOSR68-1303 |
| QUEUE | |
| THE BEHAVIOR OF A SIMPLE QUEUE AT VARIOUS TIMES AND EPOCHS | AFOSR67-1892 |
| QUEUES | |
| THEORY OF QUEUES APPLIED TO TIME-SHARED COMPUTER SYSTEMS | AFOSR67-0735 |
| QUIESCENT | |
| WAVE PROPAGATION IN THIN RODS WITH QUIESCENT TEMPERATURE GRADIENTS
CONSTANT-PRESSURE LAMINAR MIXING OF A SHEAR LAYER WITH A QUIESCENT FLUID
A REVIEW OF DISPERSION RELATIONS FOR LOW FREQUENCY WAVES IN QUIESCENT MAGNETO PLASMAS FINAL REPORT MARCH 1967 | AFOSR67-1022
AFOSR68-1567
ARL 67-0055 |
| QUIET | |
| ELECTRON CONCENTRATIONS AND ELECTRON AND ION TEMPERATURES IN THE K REGION FOR MAGNETICALLY QUIET AND DISTURBED | AFOSR68-1126 |
| QUIMICA | |
| LA EXTRACCIÓN QUÍMICA DE LOS COMPUESTOS ORGANOSILICÍOS | ARL 68-1081 |
| QUOTIENT | |
| DISTRIBUTION OF PRODUCT AND QUOTIENT OF BESSEL FUNCTION VARIATES | AFOSR68-2182 |
| R-MATRIX | |
| SOLUTION OF COUPLED EQUATIONS BY R-MATRIX TECHNIQUES | AFOSR68-0451 |
| R-HYDROXYRUBIN | |
| UNOILINOL DERIVATIVES OF PHYCERYTHRINOLIN A PROSTHETIC GROUP OF R-HYDROXYRUBIN | AFOSR68-0531 |

WZ-SYSTEMS

A NOTE ON REPLICATION IN WZ-SYSTEMS
FURTHER COMMENTS ON REPLICATION IN WZ-SYSTEMS

AFOSM67-0086
AFOSM67-1705

HABBIT

FORMATION AND ISOLATION OF HABBIT ANTIBODIES TO A SYNTHETIC ANTIGEN OF LOW MOLECULAR WEIGHT
METABOLIC PATHWAYS OF DOPAMINE AND NIPHENEPHRINE IN HABBIT BRAIN IN VITRO
THE IDENTIFICATION OF PROSTAGLANDINS E TWO E TWO AND ALPHA TWO FROM HABBIT KIDNEY MEDULLA
CONSTANT AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL NERVE OF THE HABBIT AND CAT
TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE ALPHA CHAIN OF HABBIT HEMOGLOBIN
THE EFFECT OF ETHYLCHOLINE ON THE METABOLISM OF DOPAMINE AND NIPHENEPHRINE IN HABBIT BRAIN IN VITRO
DENSITY GRADIENT SEPARATION OF SARCOMERULAR VESICLES AND OTHER PARTICULATE CONSTITUENTS OF HABBIT MUSCLE
THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASES I ISOLATION AND CHARACTERIZATION FROM CHICKEN AND HABBIT TISSUES

AFOSM67-2349
AFOSM67-0606
AFOSM67-0357
AFOSM67-2342
AFOSM67-1631
AFOSM67-2718
AFOSM67-1693
AFOSM67-0887

HABITS

FURTHER STUDIES ON MONOMINE METABOLISM AND BEHAVIOR IN RABBITS CHRONICALLY TREATED WITH RESERPINE
ANTAGONIC COMPETITION BETWEEN POLYPHETIDYL DETERMINANTS IN NORMAL AND TOLERANT RABBITS

AFOSM67-2274
AFOSM67-1652

RACEMIC

DETERMINATION OF RATES OF RACEMIZATION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NMR STUDIES OF RACEMIC MIXTURES

AML 67-1241

RACEMIZATION

RACEMIZATION AND CLEAVAGE OF SULFOXIDES BY METHYLLITHIUM
THERMAL RACEMIZATION OF DIARYL ALKYL AMYL AND DIARYL SULFOXIDES BY PYRAMIDAL INVERSION
THERMAL RACEMIZATION OF BENZYL D-TOLYL SULFOXIDE AND THERMAL REARRANGEMENT OF BENZYL P-TOLUENESULFONATE
THE THERMAL RACEMIZATION OF ALLYLIC SULFOXIDES AND THE INTERCONVERSION OF ALLYLIC SULFOXIDES AND SULFONATES MECHANISM
DETERMINATION OF RATES OF RACEMIZATION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NMR STUDIES OF RACEMIC MIXTURES

AFOSM67-2694
AFOSM67-2490
AFOSM67-2498
AFOSM67-2697
AML 67-1241

RACETRACK

SUBMILLIMETER RADIATION RESEARCH AND GENERATION WITH A RACETRACK MICROTROIN FINAL REPORT DEC 1967

AFOSM67-0114

RACIAL

RACIAL ATTITUDE AS A DETERMINANT OF JUDGMENTS OF PLAUSIBILITY
DIMENSIONS OF VERBAL RACIAL ATTITUDES THEIR IDENTIFICATION AND MEASUREMENT

AFOSM67-1394
AFOSM67-0488

RAIDAR

RAIDAR OBSERVATIONS OF INSECTS IN FREE FLIGHT
RAIDAR RETURN FROM TARGETS HIDDEN BY GROUND CLUTTER
RAIDAR REFLECTING PROPERTIES OF CONDUCTING SURFACES FINAL REPORT JUNE 1968
RAIDAR OBSERVATIONS OF THE SOLAR SYSTEM
RAIDAR SPECTROGRAPHIC ESTIMATES OF IONIC COMPOSITION FROM 225 TO 1400 KILOMETERS FOR SOLAR MINIMUM WINTER AND SUMMER
RAIDAR REFLECTIONS FROM INSECTS IN THE LOWER ATMOSPHERE
RAIDAR MEASUREMENTS AT 70CM OF VENUS AND MERCURY
RAIDAR OBSERVATIONS OF MARS AND JUPITER AT 70 CM
RAIDAR THOMSON SCATTER STUDIES OF IONOSPHERIC PLASMA IN THE IONOSPHERE AND LANDAU DAMPING
RZ RAIDAR SIGNATURE ANALYSIS BASED ON MEASURED DIFFERENTIAL PHASE SHIFTS OF TARGET SCATTERING AT TWO HARMONIC
WEATHER RAIDAR STUDIES FINAL REPORT JULY 1968
OPTICAL RAIDAR AND PASSIVE OPTO-ELECTRONIC RANGING
REDUCTION OF RAIDAR CROSS SECTION BY IMPEDANCE LOADING KUB
REDUCTION OF RAIDAR CROSS SECTION BY IMPEDANCE LOADING KUB
REDUCTION OF RAIDAR CROSS SECTION BY IMPEDANCE LOADING KUB FINAL REPORT JAN 1968
RESONANT-REGION RAIDAR AND OTHER ANTICLUTTER TECHNIQUES RZ
DISTRIBUTIONS OF RAIDAR ECHOES OVER THE UNITED STATES
MAPPING OF LUNAR RAIDAR REFLECTIVITY AT 70 CENTIMETERS
PHASE IN THE PULSED RAIDAR TIME-STREAM
COMMENTS ON OPTICAL RAIDAR AND PASSIVE OPTO-ELECTRONIC RANGE FINDING
AN INTEGRATED METEOR RAIDAR SYSTEM FOR WIND AND DENSITY MEASUREMENTS IN THE UPPER ATMOSPHERE FINAL REPORT MAY 1967
APPLICATION OF DOPPLER RAIDAR TO STORM DYNAMICS FINAL REPORT JAN 1967
WEIGHT DETERMINATION OF RAIDAR ECHOES FROM METEOR TRAILS
MEASUREMENT OF SNOWFALL BY RAIDAR
MONITORING BIRD MOVEMENTS BY RAIDAR
WIND MEASUREMENT BY DUAL-BEAM RAIDAR A THEORETICAL AND EXPERIMENTAL EVALUATION
INVESTIGATION OF REDUCTION OF RAIDAR CROSS SECTION BY A FEEDBACK METHOD RZ
INVESTIGATION OF REDUCTION OF RAIDAR CROSS SECTION BY A FEEDBACK METHOD RZ
INVESTIGATION OF REDUCTION OF RAIDAR CROSS SECTION BY A FEEDBACK METHOD RZ
A PRELIMINARY STUDY IN DOPPLER RAIDAR OBSERVATION OF TURBULENCE IN A THUNDERSTORM
LIFE-CYCLE OF A THUNDERSTORM FROM RAIDAR RECORDS
A CLIMATOLOGY OF VERY HIGH ALTITUDE RAIDAR PRECIPITATION ECHOES
USE OF THE ANWPS-77 FOR QUANTITATIVE WEATHER RAIDAR MEASUREMENTS
CLOUD DETECTION CAPABILITY OF OPERATIONAL ANWPS-11 RAIDAR SETS DURING 1966-1967
PROCEEDINGS OF THE WORKSHOP ON METHODS OF OBTAINING WINDS AND DENSITIES FROM RAIDAR METEOR TRAIL RETURNS
A PRELIMINARY MICROWAVE ATTENUATION CLIMATOLOGY FOR THE MONTEAL AREA BASED ON WEATHER RAIDAR DATA
SYSTEMS ANALYSIS AND ADDITIONAL INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND PULSE DOPPLER RAIDAR
DESIGN OF A DIGITAL SIMULATION OF THE POLAR PLANIMETER FOR CALCULATING AREAS OF ECHOES FROM RAIDAR WEATHER OBSERVATIONS
DOPPLER SIGNAL ANALYSIS AND PROCESSING TECHNIQUES FOR MODIFIED PORCUPINE/ C-BAND PULSE DOPPLER RAIDAR FINAL REPORT FEB
SOME OF THE LATEST DISCOVERIES IN LI-VI LASERS AND THEIR POTENTIAL APPLICATION IN SUCH AREAS AS LOW INTENSITY RAIDAR

AFOSM67-0127
AFOSM67-0868
AFOSM67-0366
AFOSM67-0147
AFOSM67-0804
AFOSM67-0823
AFOSM67-0801
AFOSM67-2694
AFOSM67-1007
AFOSM67-0476
AFOSM67-0407
AML 67-0212
AFOSM67-0008
AFOSM67-0939
AFOSM67-0925
AFOSM67-0052
AFOSM67-0232
AFOSM67-0189
AFOSM67-0241
AML 67-0262
AFOSM67-0347
AFOSM67-0100
AFOSM67-0108
AFOSM67-0184
AFOSM67-2704
AFOSM67-0534
AFOSM67-0574
AFOSM67-0139
AFOSM67-0244
AFOSM67-0015
AFOSM67-0305
AFOSM67-0630
AFOSM67-0013
AFOSM67-0269
AFOSM67-0228
AFOSM67-0165
AFOSM67-0182
AFOSM67-0341
AFOSM67-0174
AML 67-1313

RAIDAR-OPTICAL

INITIAL RESULTS OF SIMULTANEOUS RAIDAR-OPTICAL SIGNATURE MEASUREMENTS

AML 67-1325

RADIAL

RADIAL DRIFT VELOCITIES IN THE ARGON ION LASER
THE RADIAL PROFILE OF ARGON IS METASTABLE IN A HE-NE LASER AND THEIR LENS EFFECT ON LASING AT 8401A
ON THE RADIAL PROJECTION IN NORMAN SPACES
COSMIC-RAY RADIAL DENSITY GRADIENT AND ITS RIGIDITY DEPENDENCE OBSERVED AT SOLAR MINIMUM ON MARINER IV
OPTICAL MEASUREMENT OF RADIAL DENSITY DISTRIBUTIONS IN A HIGH-SPEED CONFINED AIR VORTEX FINAL REPORT DEC 1967
STUDY OF CIRCULAR ARRAYS OF RADIAL AND TANGENTIAL DIPOLES
STUDY OF CIRCULAR ARRAYS OF RADIAL AND TANGENTIAL DIPOLES FINAL REPORT FEB 1968
STRUCTURE OF LIQUIDS VI SOME CHARACTERISTICS OF FIRST-ORDER DENSITY EXPANSIONS OF RADIAL DISTRIBUTION DIRECT

AFOSM67-2630
AML 67-1844
AFOSM67-2705
AFOSM67-2854
AML 67-0234
AFOSM67-0206
AFOSM67-0187
AFOSM67-2574

RADIALLY

BUCKLING OF RADIALLY CONSTRAINED CIRCULAR RING UNDER DISTRIBUTED LOADING

AFOSM67-2504

RADIANCE

RADIANCE AND POLARIZATION OF MULTIPLE SCATTERED LIGHT FROM HAZE AND CLOUDS
ENHANCED RADIANCE OF SELECTED TERRAIN FEATURES AS VIEWED FROM HIGH ALTITUDE

AFOSM67-0570
AFOSM67-0444

RADIANCE

- CONTINUED

ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR A MODEL ATMOSPHERE
DIFFERENTIATION OF PATH RADIANCE FOR DOWNWARD PATH IN SIGHT FROM GROUND-BASED OR LOW-ALTITUDE MEASUREMENT
COMPARISON OF ATMOSPHERIC PATH RADIANCE CALCULATIONS FOR HOOL CLAR AND HAZY ATMOSPHERES
A NOTE ON THE STRATOSPHERIC INCREASED SKY RADIANCE
CALCULATIONS OF REFLECTED AND TRANSMITTED RADIANCE FOR EARTH'S ATMOSPHERE

AFCL66-0128
AFCL66-0394
AFCL66-0480
AFOSR66-2700
AFCL67-0369

RADIATED

TRANSIENT SOLUTION FOR SOUND RADIATED INTO A VISCOUS FLUID.

AFOSR67-2605

RADIATING

APPLICATION OF ELECTROMAGNETIC THEORY TO RADIATING AND NON-RADIATING TRANSMISSION LINES FINAL REPORT MAY 1968
NOZZLE FLOW OF A CHEMICALLY REACTING AND A RADIATING IONIZED GAS
RESPONSE-RADIATION CONDITIONS FOR DERIVATIVES OF RADIATING FUNCTIONS

AFCL68-0262
AFOSR67-1307
AFOSR67-1859

RADIATION

RADIATION STUDY ON MOS STRUCTURES
RADIATION AND PROPAGATION OF ELECTROMAGNETIC WAVES FROM MOVING SOURCES
RADIATION DAMAGE IN SEMICONDUCTORS DEC 1966
RADIATION STUDY ON MOS STRUCTURES
RADIATION FROM NONEQUILIBRIUM GASES
RADIATION STUDY ON MOS STRUCTURES
RADIATION AND RECEPTION OF ELECTROMAGNETIC ENERGY FROM AIRCRAFT AND GUIDED MISSILES FINAL REPORT DEC 1967
RADIATION DAMAGE STUDIES OF SILICON PHOTODETECTORS AND MAGNETIC DEVICES FINAL REPORT APR 1968
RADIATION STUDY ON MOS STRUCTURES
RADIATION SYNTHESIS STUDIES FINAL REPORT APR 1968
RADIATION DAMAGE AND CHEMICAL REACTIONS INDUCED IN CRYSTALLINE SOLIDS BY HIGH-ENERGY PROTON BOMBARDMENT FINAL REPORT
RADIATION BALANCE IN ROCKETNOSE THERMOMETERS FINAL REPORT FEB 1968
RADIATION HARDENED SILICON POWER TRANSISTORS
RADIATION PATTERNS OF A SLOT ANTENNA IN THE PRESENCE OF A BREAKDOWN SHEATH
RADIATION FROM RELATIVISTIC ELECTRONS FINAL REPORT APRIL 1967
RADIATION PRESSURE IN A CONDUCTING SPHERE
RADIATION COUPLED SHOCK LAYER INCLUDING UPSTREAM ABSORPTION EFFECTS
RADIATION DOMINANT INTERACTION IN GASDYNAMICS
RADIATION COUPLED VISCOUS FLOWS
RADIATION CHEMISTRY OF PROPANE
RADIATION DAMAGE NEAR THE EDGE IN LITHIUM DOPED CDSF
RADIATION CHEMISTRY OF PROPANE
RADIATION FROM HIGH-PRESSURE PLASMAS
RADIATION FROM HIGH-PRESSURE PLASMAS
RADIATION STUDIES OF ARC HEATED NITROGEN, OXYGEN, AND ARGON PLASMAS FINAL REPORT MAY 1968
RADIATION MEASUREMENTS FROM A PULSED HIGH-PRESSURE NITROGEN ARC FINAL REPORT AUGUST 1968
RADIATION EFFECTS ON THE EDGE EMISSION OF CDS AND CDSF
RADIATION MAGNETOGASDYNAMICS
RADIATION MAGNETOGASDYNAMICS
RADIATION CHEMISTRY OF POLYIMIDES
A RADIATION STANDARD FOR VACUUM ULTRAVIOLET
THE RADIATION CHEMISTRY OF CYCLOPENTANE
THE RADIATION CHEMISTRY OF GAS-PHASE CARBON TETRACHLORIDE-CARBON TETRAFLUORIDE MIXTURES
RADIO RADIATION FROM NORMAL SPIRAL GALAXIES
ANTENNA RADIATION PROPERTIES IN PRESENCE OF ANISOTROPIC PLASMAS
THERMAL RADIATION OF HIGH TEMPERATURE COMBUSTION PRODUCTS FINAL REPORT JAN 1967
ABSOLUTE RADIATION STANDARD IN THE FAR INFRARED
ELECTRON RADIATION DAMAGE IN CADMIUM-SELENIDE CRYSTALS AT LIQUID-HELIUM TEMPERATURE
ELECTRON RADIATION DAMAGE IN CADMIUM-SELENIDE CRYSTALS
INFRARED RADIATION AND SUPPRESSION FROM THE EXHAUST PLUME OF JET AIRCRAFT DURING AFTERBURNER OPERATION
CONTINUUM RADIATION IN AN ARGON POSITIVE COLUMN
MICROWAVE RADIATION OF SINGLY CHARGED HELIUM 3 FROM H II REGIONS
EFFECTS OF RADIATION ON SEMICONDUCTOR MATERIALS AND DEVICES FINAL REPORT DEC 1966
EFFECTS OF RADIATION ON SEMICONDUCTOR MATERIALS AND DEVICES FINAL REPORT APR 1968
A STUDY OF RADIATION CHARACTERISTICS AND ITS SUPPRESSION FROM THE PLUME OF A JET AIRCRAFT DURING AFTERBURNER
ANALYSIS OF RADIATION INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS
RESEARCH ON RADIATION EFFECTS IN SOLIDS FINAL REPORT DEC 1967
ULTRAVIOLET RADIATION AND THE TERRESTRIAL SURFACE
SYNCHROTRON RADIATION OF NEUTRINOS AND ITS ASTROPHYSICAL SIGNIFICANCE
GRAVITATIONAL RADIATION FROM NEUTRON STARS
SUBMILLIMETER RADIATION RESEARCH AND GENERATION WITH A RACETRACK MICROTRON FINAL REPORT DEC 1967
GRAVITATIONAL RADIATION
AN APPROACH TO RADIATION SOURCE DESIGN FOR MILITARY APPLICATIONS UTILIZING THE WALL-STABILIZED ARC AS AN EXAMPLE FINAL
ELECTROMAGNETIC RADIATION FROM QUASI-PERIODIC STRUCTURES FINAL REPORT JULY 1967
INVERSE COMPTON RADIATION IN QUASI-SPHERICAL OBJECTS
ELECTRIC DIPOLE RADIATION IN ISOTROPIC AND UNIAXIAL PLASMAS
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
INVESTIGATION OF RADIATION EFFECTS IN SEMICONDUCTORS
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS
INVESTIGATION OF RADIATION HARDENED CIRCUIT ELEMENTS FINAL REPORT JULY 1968
SEARCH FOR GAMMA RADIATION FROM SUPERNOVA REMNANTS FINAL REPORT JAN 1967
THEORY OF PLASMA RADIATION I MATHEMATICAL DEVELOPMENT
MODERN ASPECTS OF RADIATION MAGNETOGASDYNAMICS
CONSEQUENCE OF LASER RADIATION
DETECTION OF GAMMA RADIATION FROM THE CYGNUS REGION
FLUORESCENCE BY RADIATION WITH ABSORPTION IN CYLINDRICAL ARCS
VACUUM ULTRAVIOLET RADIATION AS AN IMPORTANT MEANS OF ENERGY TRANSPORT IN A PLASMA
ON CHEMILUMINESCENT RADIATION FROM NITROGEN DIOXIDE DURING PCA EVENTS
A STUDY OF ELECTRON RADIATION DAMAGE IN GASES, GAP AND GAAS SURF. SURF. MINUS SUB. XP SUB. BASED ON RECOMBINATION RADIATION
OPTIMIZATION OF ARC RADIATION SOURCES
A STUDY OF INFRARED RADIATION AND ITS SUPPRESSION FROM THE EXHAUST PLUMES OF JET AIRCRAFT DURING AFTERBURNER
OBSERVATION OF GAMMA RADIATION FROM THE CRAB NEBULA
CHANGES IN VAN ALLEN RADIATION ASSOCIATED WITH POLAR SUBSTORMS
INTERACTION OF LASER RADIATION WITH GASES
INVESTIGATION OF LASER RADIATION SIMULATION FOR MICROELECTRONIC DEVICE HARDENING FINAL REPORT JAN 1967
COMBUSTION GAS EMITTED RADIATION AND CHEMILUMINESCENCE PHENOMENA IN SOLID-GAS REACTING SYSTEMS FINAL REPORT APRIL 1967
MAGNETOGASDYNAMICS AND RADIATION GASDYNAMICS
MAGNETOGASDYNAMICS AND RADIATION GASDYNAMICS
INTERACTION OF EXTERNAL RADIATION WITH AN ACOUSTIC WAVE
ULTRA-HIGH ENERGY COSMIC RADIATION FINAL REPORT NOV 1968
EFFECT OF IMPRISONMENT OF RADIATION IN SODIUM VAPOR ON THE MEASURED LIFETIME OF THE 3 SUPER JP STATES
SHORT-PERIOD SPINCH ENERGY RADIATION PATTERNS FROM UNDERGROUND NUCLEAR EXPLOSIONS AND SMALL-MAGNITUDE EARTHQUAKES
RESEARCH IN ELECTROMAGNETIC RADIATION AND ANTENNAS A SUMMARIZING REVIEW FINAL REPORT DEC 1967
COLLIMETRIC DESCRIPTION OF RADIATION EMERGING FROM THE TOP OF A RAYLEIGH ATMOSPHERE
BRAGG SCATTERING OF INFRARED RADIATION FROM COHERENT SPIN WAVES

AFCL67-0062
AFCL67-0118
AFCL67-0160
AFCL67-0361
AFCL67-0464
AFCL68-0046
AFCL68-0071
AFCL68-0220
AFCL68-0321
AFCL68-0322
AFCL68-0350
AFCL68-0410
AFCL68-0432
AFCL68-0601
AFOSR67-1364
AFOSR67-2325
AFOSR68-0549
AFOSR68-1949
AFOSR68-1585
ARL 67-1136
ARL 67-1289
ARL 68-0006
ARL 68-0058
ARL 68-0089
ARL 68-0103
ARL 68-0182
ARL 68-0296
ARL 68-1026
ARL 68-1033
ARL 68-1069
ARL 68-1185
ARL 67-1216
ARL 68-1330
AFOSR68-1048
AFCL67-0623
AFOSR67-0951
AFOSR67-0488
ARL 67-0701
ARL 67-1339
ARL 68-1433
AFOSR67-0474
AFOSR67-2582
AFCL67-0066
AFCL68-0250
ARL 67-0271
AFCL67-0671
AFCL68-0019
AFCL68-0572
AFOSR67-1147
AFOSR67-1172
AFOSR68-0114
AFOSR68-0426
ARL 67-1051
ARL 67-0179
AFCL67-0440
AFOSR67-1669
AFOSR68-1081
AFCL67-0567
AFCL67-0684
AFCL68-0167
AFCL68-0307
AFCL68-0372
AFCL68-0465
AFOSR67-0410
AFOSR67-1169
ARL 68-1025
AFCL68-0035
AFOSR68-1150
ARL 68-0384
ARL 68-1184
AFOSR67-1379
ARL 68-0521
ARL 68-1137
ARL 68-1301
AFOSR68-0486
AFOSR68-1054
ARL 67-1229
AFCL67-0102
AFOSR67-1795
ARL 68-1034
ARL 68-1036
AFOSR68-2847
AFOSR68-2481
AFOSR67-1129
AFCL67-0326
AFCL67-0667
AFCL68-0090
AFCL67-0658

NUMERICAL SOLUTION OF RADIATION IN A COMPRESSIBLE PLASMA
 ISOTROPY OF COSMIC BACKGROUND RADIATION AT 1600 MHZ
 A CHARACTERISTIC APPROACH TO RADIATION GASDYNAMICS
 RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION
 ATMOSPHERIC ABSORPTION OF SOLAR RADIATION BY THE 9.6 MICRON NDZE BAND
 RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION
 THE FLUID TRANSMISSION ARC AS A RADIATION SOURCE FOR SOLAR SIMULATION
 THE FLUID TRANSMISSION ARC AS A RADIATION SOURCE FOR SOLAR SIMULATION
 CONFERENCE PROPERTIES OF BLACKBODY RADIATION III CROSS- SPECTRAL TENSORS
 RESPONSE OF LITHIUM DRIFTED SILICON RADIATION DETECTORS TO HIGH ENERGY CHARGED PARTICLES
 FUNDAMENTAL STUDIES RELATING TO THE RADIATION CHEMISTRY OF SMALL ORGANIC MOLECULES FINAL REPORT JAN 1967
 AN OBSERVER MOVING IN THE 1 DEGREE X RADIATION FIELD
 AN UPPER LIMIT TO CURVILINEARLY POLARIZED RADIATION FROM THE CRAB NEBULA
 A QUANTUM CHARACTERIZATION OF CLASSICAL RADIATION
 A SURVEY OF METHODS FOR MEASUREMENTS OF RADIATION FIELDS FROM THE APICAL LINEAR ACCELERATOR
 RANDOM SCATTERING OF QUASIMONOCROMATIC RADIATION IN A LONG TRANSMISSION LINE
 THEORETICAL STUDY OF THE INTERACTION OF RADIATION AND MATTER IN GASEOUS AND SOLID LASERS FINAL REPORT FEB 1968
 STUDY OF THE CONTROL OF ELECTROMAGNETIC RADIATION FROM AIRCRAFT AND SPACE VEHICLES FINAL REPORT MAR 1968
 EFFECTS OF COHERENCE IN ELECTROMAGNETIC RADIATION FINAL REPORT SEPT 1967
 LOW ENERGY HEAVY PRIMARY PARTICLES IN COSMIC RADIATION
 RADIOFREQUENCY SOURCE OF POTASSIUM RESONANCE RADIATION FOR USE IN KILOGAUSS MAGNETIC FIELDS
 MODULATION AND EFFECTS OF COHERENT OPTICAL RADIATION FINAL REPORT FEB 1967
 STUDY OF ABSORPTION AND REFRACTION CHANGES IN RADIATION EMANATING FROM JUPITER AND RADIO STARS FINAL REPORT FEB 1967
 ON THE DIRECTIVITY OF SETS OF ELECTROMAGNETIC RADIATION SOURCES I GENERAL RESULTS FOR SETS OF IDENTICAL ISOTROPIC
 STRATOSPHERIC HUMIDITY SENSING WITH THE ALPHA RADIATION HYGROMETER
 THERMAL INSTABILITY RESULTING FROM SYNCHROTRON RADIATION
 ARC PLASMA DIAGNOSTICS WITH VACUUM ULTRAVIOLET RADIATION FINAL REPORT AUG 1967
 HARMONIC AND NULL DESCRIPTIONS OF GRAVITATIONAL RADIATION
 RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION
 RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION II SPECTRAL CORRELATIONS
 MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING RADIATION ON SEMICONDUCTORS
 MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING RADIATION ON SEMICONDUCTORS
 SELECTED PROBLEMS IN THE THEORY OF ELECTROMAGNETIC RADIATION FINAL REPORT SEPT 1967
 CORRELATION BETWEEN PHOTOCHEMISTRY AND HIGH-ENERGY RADIATION CHEMISTRY
 STUDY OF THE INTENSITY TIME VARIATIONS OF THE COSMIC RADIATION FINAL REPORT MAY 1968
 LIMITS ON SMALL SCALE VARIATIONS IN THE COSMIC BACKGROUND RADIATION
 SPIN MODULATION OF LARGE FLEXIBLE SATELLITES BY THE SOLAR RADIATION FIELD
 SELF-CONSISTENT SOLUTION OF NONLINEAR PROBLEMS IN UNSTEADY RADIATION GASDYNAMICS
 APPLICATION OF THE METHOD OF PARAMETRIC DIFFERENTIALIZATION TO RADIATION GASDYNAMICS
 EXPERIMENTAL MEASUREMENT OF THE EMISSION AND ABSORPTION OF RADIATION BY AN ARGON PLASMA
 ELECTRICAL MEASUREMENTS AND NUCLEAR ACTIVATION TECHNIQUES FOR RADIATION DAMAGE STUDIES AND IMPURITY ANALYSIS IN
 AN APPLICATION OF CORRELATION RADIOMETRY TO THE STUDY OF PLASMA RADIATION
 ATTENUATION OF A SHOCK WAVE DUE TO THE NONEQUILIBRIUM IONIZATION AND RADIATION
 EXPERIMENTAL EVIDENCE FOR THE ABSENCE OF QUENCHING OF SODIUM RESONANCE RADIATION BY INERT GASES
 A MAXIMUM-SIGNAL THEOREM FOR THE SPATIALLY COHERENT DETECTION OF SCATTERED RADIATION
 NORMALIZED CUMULATIVE BLACKBODY FUNCTIONS, AND THEIR APPLICATIONS IN THERMAL RADIATION CALCULATIONS
 A 2 ELECTRON VOLTS ARGON BEAM SCATTERING AT A SOLID SURFACE AND OBSERVATIONS OF RADIATION ACCOMPANYING THE BEAM
 A NEW SPECTROMETER FOR MEASURING ULTRAVIOLET SKY BRIGHTNESS AND DIRECT SOLAR RADIATION FINAL REPORT APR 1967
 THE STUDY OF PLASMA SURROUNDING DEBRIS ORBITS AND RESONANT INTERACTION WITH MICROWAVE RADIATION FINAL REPORT APR
 STRESS WAVE GENERATION IN A TEMPERATURE-DEPENDENT ABSORBING SOLID BY IMPULSIVE ELECTROMAGNETIC RADIATION
 INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES II THE QUENCHING OF SODIUM RESONANCE RADIATION BY N
 STRESS WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC HALF- SPACE SUBJECTED TO IMPULSIVE ELECTROMAGNETIC RADIATION
 A STUDY OF ELECTRON RADIATION DAMAGE IN GLASS, GAP AND GAAS SUBI SUN MINUS SUB XP SUBH BASED ON RECOMBINATION RADIATION ARL AR-0021

RADIATION-DRIVEN

RADIATION-DRIVEN ACOUSTIC WAVES IN A CONFINED GAS

AFOSM68-0070

RADIATION-INDUCED

ANALYSIS OF RADIATION-INDUCED COUPLING EFFECTS BETWEEN INTEGRATED CIRCUIT ELEMENTS FINAL REPORT FEB 1968

AFCHL68-0200

RADIATIONLESS

RADIATIONLESS TRANSITIONS AND MOLECULAR QUANTUM BEATS
 THEORY OF RADIATIONLESS TRANSITIONS IN AN ISOLATED MOLECULE
 STUDIES OF RADIATIONLESS TRANSITIONS IN CARBONIE USING MICROSECOND LASER PHOTOLYSIS AND SPECTROSCOPY
 VIBRATIONAL EFFECTS IN RADIATIONLESS TRANSITIONS IN AROMATIC MOLECULES
 INFLUENCE OF BEAM SOLVENT-SOLUTE INTERACTIONS ON RADIATIONLESS TRANSITION PROBABILITIES

AFOSM68-0008
 AFOSM68-2800
 ARL AR-0123
 AFOSM68-0604
 AFOSM68-0801

RADIATIVE

RADIATIVE AND COLLISION-INDUCED RELAXATION OF ATOMIC STATES IN THE 2P3P CONFIGURATION OF NED
 RADIATIVE TRANSFER I THE FLUX-TEMPERATURE RELATION AND NON-GRAY STELLAR ATMOSPHERES
 RADIATIVE CORRECTION TO γ RAY-DECAY AND NUCLEON FORM FACTOR
 RADIATIVE CORRECTIONS TO LEPTONIC DECAYS AND COMPOSITE MODELS FOR STRONG INTERACTIONS
 RADIATIVE CAPTURE BY IMPURITIES IN SEMICONDUCTORS
 RADIATIVE CORRECTIONS IN BETA DECAY
 RADIATIVE TRANSFER II THE LOCATION OF THE MONOCHROMATIC SOURCE FUNCTION IN THE PRESENCE OF SCATTERING
 RADIATIVE HEAT TRANSFER IN ABSORBING, EMITTING AND SCATTERING MEDIA
 RADIATIVE ENERGY ADDITION BEHIND A SHOCKWAVE
 RADIATIVE TRANSFER FROM AN INHOMOGENEOUS NON-SCATTERING GAS IN THE INFRARED FINAL REPORT JULY 1968
 SPECIFIC RADIATIVE TRANSFER
 INCREASED RADIATIVE HEAT TRANSFER IN NONGRAY GASES
 INCREASED RADIATIVE ENERGY TRANSFER IN GASEOUS SYSTEMS FINAL REPORT AUGUST 1968
 INCREASED RADIATIVE HEAT TRANSFER IN NON-GRAY GASES
 FLOW WITH COUPLED RADIATIVE AND VIBRATIONAL NONEQUILIBRIUM IN A DIATOMIC GAS
 DIFFERENTIAL APPROXIMATIONS FOR RADIATIVE TRANSFER IN A NONGRAY GAS NEAR EQUILIBRIUM
 NON-EQUILIBRIUM SOLUTIONS FOR THE RADIATIVE DECAY OF A SYSTEM OF OSCILLATIONS HARMONIC AND ANHARMONIC
 ON GREY ABSORPTION COEFFICIENTS IN RADIATIVE TRANSFER
 SHOCK-TUBE MEASUREMENTS OF END-WALL RADIATIVE HEAT TRANSFER IN AIR
 RESEARCH DIRECTED TOWARD DETERMINATION OF RADIATIVE PROPERTIES AND COMPOSITION OF THE ATMOSPHERE FINAL REPORT APR 1967
 AN IMPROVED DIFFERENTIAL APPROXIMATION FOR RADIATIVE TRANSFER WITH SPHERICAL SYMMETRY
 A CURRENT-ALGEBRA CALCULATION OF THE CHARGED RADIATIVE ETA DECAYS
 TABLES OF COEFFICIENTS FOR ANGULAR CORRELATION OF RADIATIVE TRANSITIONS FROM ALIGNED NUCLEI

AFOSM67-0304
 AFOSM67-0308
 AFOSM67-0334
 AFOSM67-2792
 AFOSM68-0176
 AFOSM68-0670
 AFOSM68-2683
 ARL AR-0210
 ARL AR-0211
 ARL AR-0118
 AFOSM68-0170
 ARL AR-0015
 ARL AR-0151
 ARL AR-0153
 AFOSM68-1805
 AFOSM68-1307
 AFCHL67-0406
 AFOSM67-2048
 ARL AR-0253
 AFCHL67-0186
 AFOSM68-0808
 AFOSM68-0173
 ARL AR-0316

RADICAL

RADICAL CONCENTRATIONS AND DECAYS IN LEAN HYDROGEN- NITROGEN-OXYGEN FLAMES
 RADICAL CATIONIZATION IONS CARBONIL AND RADICALS AND NEW RADICALS
 IODINE AS A RADICAL SCAVENGER IN CYCLOPENTANE RADIOLYSIS
 ON THE TRANSITION STATE IN FREE RADICAL INTERACTIONS, FINAL REPORT JUN 1968
 A NEW METHOD FOR THE SYNTHESIS OF RADICAL CATIONS OF AROMATIC HYDROCARBONS
 ORIENTATION AND REACTIVITY IN FREE RADICAL AROMATIC SUBSTITUTION FINAL REPORT APRIL 1967
 ADDITION RADICALS FORMED BY HYDROXYL RADICAL ANNIHILATION OF URACIL
 THE PHOTOCHEMISTRY OF KETENE THE METHYLENE RADICAL

AFOSM67-1881
 AFOSM68-2882
 ARL AR-0124
 ARL AR-0113
 AFOSM68-0176
 AFCHL67-0374
 AFOSM67-2014
 AFOSM67-2617

RADICAL

- CONTINUED

INTRAMOLECULAR FORMATION OF P-METHYLBENZYL RADICAL FROM P-XYLYNE
ION RADICALS X THE FORMATION OF THE PHENOTHIAZINYL RADICAL BY THE ULTRAVIOLET IRRADIATION OF PHENOTHIAZINE SOLUTIONS
STRUCTURE AND G₁-Y₁ COUPLING OF THE G₁ SUBSCRIPT 3 RADICAL
THE REACTION OF NITRIC OXIDE WITH TRIPHENYLMETHYLPEROXY RADICAL
THE REVERSIBLE THERMAL DECOMPOSITION OF TRIPHENYLMETHYLPEROXY RADICAL TO TRIPHENYLMETHYL RADICAL AND OXYGEN
TEMPERATURE DEPENDENCE OF THE HYPERFINE SPLITTING OF THE METHYL RADICAL
GROUND STATES OF CONJUGATED MOLECULES. IX. HYDROCARBON RADICALS AND RADICAL IONS
THE CHEMISTRY OF CARRADIANS VIII THE INTRAMOLECULAR ALKYLATION OF KETYL RADICAL ANIONS
THE REVERSIBLE THERMAL DECOMPOSITION OF TRIPHENYLMETHYLPEROXY RADICAL TO TRIPHENYLMETHYL RADICAL AND OXYGEN

AFOSR66-1761
AFOSR67-0021
AFOSR66-1950
AFOSR66-2866
AFOSR67-1283
AFOSR66-0386
AFOSR66-1396
AFOSR67-1633
AFOSR67-1283

RADICAL-IONIC

RADICAL-IONIC REACTION MECHANISMS HOMOLYSIS OF THE CARBONIUM ION T-BUTYL TROPENIUMPERACETATE

AFOSR67-0220

RADICALS

RADICALES LIBRES INERTES PERCLORADOS DE LA SEME DEL DIFENILMETANO

ARL 67-1096

RADICALS

ION RADICALS X THE FORMATION OF THE PHENOTHIAZINYL RADICAL BY THE ULTRAVIOLET IRRADIATION OF PHENOTHIAZINE SOLUTIONS
ION RADICALS XI THE REACTIONS OF THIOXANTHENE AND THIOXANTHENE 10-OXIDE IN SULFURIC ACID
ION RADICALS XII THE REACTIONS OF DIARYL SULFIDES AND SULFOXIDES BENZENE THIOISULFONATE AND BENZENESULFINIC ACID IN
ION RADICALS FROM ORGANIC SULFUR SELENIUM TELLURIUM AND PHOSPHORUS COMPOUNDS FINAL REPORT FEB 1968
ION RADICALS XIII SPECTROSCOPIC AND CRYOSCOPIC CHARACTERIZATION OF IONS AND ION RADICALS FROM PHENOTHIAZINE AND
FREE RADICALS IN THERMAL AND CHEMICAL OXIDATION OF DECARBOXYLATIONS WITH LEAD /IV/
ADDITION RADICALS FORMED BY HYDROXYL RADICAL BOMBARDMENT OF URACIL
ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE CH SUB3 SIH SUB3 GEM SUB3 AND SHN SUB3
ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE P PH SUB2 AND AS
TRANSIENT FREE RADICALS
REACTIONS OF FREE RADICALS FINAL REPORT OCT 1967
HYDROGEN ADDITION RADICALS OF STILBESTROL HEXESTROL AND MENZESTROL
HYDROGEN-ADDITION RADICALS FORMED IN THE AROMATIC RINGS OF AMINO ACIDS POLYAMINO ACIDS AND PROTEINS
INERT CARBON FREE RADICALS
SURFACE STABILIZED FREE RADICALS
RADIO REFLECTION BY FREE RADICALS IN EARTH'S ATMOSPHERE
CAGE REACTIONS OF T-BUTOXY RADICALS EFFECTS OF VISCOSITY AND OF INTERVENING MOLECULES
ELECTRON SPIN RESONANCE OF FREE RADICALS FINAL REPORT DEC 1967
REACTIONS OF ORGANOSILICON FREE RADICALS
FORMATION AND OXIDATION OF ALKYL RADICALS BY COBALT /III/ COMPLEXES
THE FORMATION OF CATIONS AND CATION RADICALS FROM AROMATIC SULFIDES AND SULFOXIDES
RADICAL CARBONIUM IONS CARBONIUM ION RADICALS AND OXY RADICALS
SEVENTH INTERNATIONAL SYMPOSIUM ON FREE RADICALS PADUA ITALY SEPTEMBER 5-10 1965 FINAL REPORT SEPT 1965
HYDROGEN-ADDITION RADICALS BY ETHYL RADICALS FROM METHYLAMINES AND HYDRAZINE
REARRANGEMENT OF CARBONIUM IONS AND FREE RADICALS IN THE DICICLO /3,1,0/ HEXYL SYSTEM
PARAMAGNETIC RESONANCE SPECTRA OF METHYL RADICALS ON POROUS GLASS SURFACES
THE RATES OF GROUND STATE ION OF CYANOALKYL RADICALS IN SOLUTION
ELECTRON PARAMAGNETIC RESONANCE OF METHYL RADICALS ON POROUS GLASS SURFACE
INTERACTION OF HYDROGEN ATOMS AND HYDROXYL RADICALS WITH S-HALOGEN URACILS
DETECTION AND IDENTIFICATION OF SHORT-LIVED FREE RADICALS BY AN ELECTRON SPIN RESONANCE TRAPPING TECHNIQUE
REACTION OF ETHYL WITH ISOBUTYL AND T-BUTYL FREE RADICALS
DI-T-BUTYLHYDROXYTRIS A CONVENIENT SOURCE OF T-BUTOXY RADICALS
RADICAL CARBONIUM IONS CARBONIUM ION RADICALS AND OXY RADICALS
DI-T-BUTYL HYDROXYTRIS A CONVENIENT SOURCE OF T-BUTOXY RADICALS
GROUND STATES OF CONJUGATED MOLECULES. IX. HYDROCARBON RADICALS AND RADICAL IONS
DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND
DISPROPORTIONATION AND COMBINATION REACTIONS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL AND ISOPROPYL
MEASUREMENT OF G VALUES IN THE ELECTRON SPIN RESONANCE SPECTRA OF FREE RADICALS
VALIDITY OF EVIDENCE ALLEGED TO DISTINGUISH PLANAR TETRAEDRAL AND BRIDGE RADICALS
VIBRATIONAL ENERGY TRANSFER FROM A HOMOLOGOUS SERIES OF CHEMICALLY ACTIVATED RADICALS
ION RADICALS XIII SPECTROSCOPIC AND CRYOSCOPIC CHARACTERIZATION OF IONS AND ION RADICALS FROM PHENOTHIAZINE AND

AFOSR67-0021
AFOSR67-0022
AFOSR67-1636
AFOSR66-0392
AFOSR66-0420
AFOSR66-2510
AFOSR67-0018
AFOSR67-0013
AFOSR67-0014
AFOSR67-2054
AFOSR67-2386
AFOSR66-1821
AFOSR66-2249
ARL 66-0060
AFOSR66-1313
AFOSR67-2748
AFOSR66-0436
AFOSR66-0060
ARL 67-1168
AFOSR66-2509
AFOSR67-2332
AFOSR66-2089
AFOSR67-1796
AFOSR67-2043
AFOSR67-1552
AFOSR67-2263
AFOSR66-0076
AFOSR67-0196
AFOSR67-0068
AFOSR66-2667
ARL 68-0053
AFOSR67-0469
AFOSR66-2080
AFOSR67-0219
AFOSR66-1566
ARL 67-1111
ARL 67-0208
AFOSR66-0385
AFOSR66-2609
AFOSR66-2139
AFOSR66-0420

RADIO

RADIO LINKS AND ANTENNAS IN BOUNLESS OR BOUNDED LOSSY MEDIA FINAL REPORT JAN 1967
RADIO SCIENCE
RADIO ROTATION PERIOD OF JUPITER
RADIO BROADCASTING IN COMMUNIST CHINA
RADIO AND TELEVISION IN THE SOVIET UNION
RADIO OBSERVATIONS OF CTA 102
RADIO SPECTRA AND FERMI ACCELERATION BY SHOCKS
RADIO REFLECTION BY FREE RADICALS IN EARTH'S ATMOSPHERE
RADIO ASTRONOMY RESEARCH FINAL REPORT MARCH 1968
RADIO PULSES FROM EXTENSIVE AIR SHOWERS AT 520MHZ
RADIO RADIATION FROM NORMAL SPIRAL GALAXIES
RADIO INTERFEROMETRY USING A BASE LINE OF 20 MILLION WAVELENGTHS
RADIO PULSES FROM AIR SHOWERS AT NY CHACALTAYA
RADIO PULSES FROM COSMIC RAY SHOWERS
A RADIO SURVEY OF THE REGION OF NGC 6781
THE RADIO INTERFEROMETER
AMATEUR RADIO OPERATION IN THE SOVIET UNION
STANFORD RADIO ASTRONOMY INSTITUTE
STUDIES IN RADIO ASTRONOMY FINAL REPORT MAR 1967
10 ? CH-SOLAR RADIATION FLUX AND ATMOSPHERIC TEMPERATURES
THE INFLUENCE OF RADIO BRIGHTNESS TEMPERATURE ON SOLAR FARE PREDICTION
A STUDY OF SOLAR RADIO BURSTS IN THE 3.4 TO 50 CM RANGE AND THEIR CORRELATION TO SCNA EVENTS FINAL REPORT JAN 1968
OBSERVATIONS OF THE RADIO SOURCE CTA 102
TRANSIENT RESPONSE IN RADIO REFRACTOMETERS
A COMPILATION OF SOLAR RADIO SWEEP-FREQUENCY OBSERVATIONS 1955-1964
STIMULATION OF JUPITER'S RADIO EMISSION BY 10
THE NATURE OF PULSATING RADIO SOURCES
A MODEL OF QUASI-STELLAR RADIO SOURCES
LUNAR OCCULTATIONS OF THE RADIO SOURCES 3C15 3C245 AND WSH 12 PLUS 04
DESIGN AND EVALUATION OF A RADIO FREQUENCY PLASMA SOURCE/ PART I/ SELF-EXCITED OSCILLATOR
NEWS BROADCASTING ON SOVIET RADIO AND TELEVISION
IMPERMEABILITY OF NON-THERMAL RADIO EMISSION FROM VENUS WATER CLOUDS
A PLASMA MODEL OF QUASARS AND RADIO GALAXIES
NEW LIMITS ON THE DIAMETERS OF RADIO SOURCES
CORRELATION BETWEEN OPTICAL AND RADIO EMISSION FROM EXTENSIVE AIR SHOWERS AT LARGE ZENITH ANGLES
RESEARCHES IN THE FIELD OF SOLAR RADIO NOISE AS WELL AS OPTICAL SUNSPOT PHENOMENA FINAL REPORT APR 1967
NEGATIVE RESULTS IN A SEARCH FOR RADIO EMISSION FROM IMPRAED AND T TAURI STARS
INERTIAL CONFINEMENT OF EXTENDED RADIO SOURCES
PROPAGATION OF LOW AND HIGH POWER RADIO WAVES IN IONIZED
AN EVOLUTIONARY SEQUENCE FOR STORMING RADIO SOURCES
HIGH RESOLUTION STUDIES OF DISCRETE RADIO SOURCES
CURRENT MEASUREMENTS IN HIGH-VOLTAGE RADIO FREQUENCY PLASMA DISCHARGES

AFCLRL67-0187
AFCLRL67-0400
AFOSR67-0211
AFOSR67-0053
AFOSR67-0955
AFOSR67-1477
AFOSR67-2732
AFOSR67-2746
AFOSR66-0530
AFOSR66-0759
AFOSR66-1045
AFOSR66-2008
AFOSR66-2316
AFOSR66-2479
AFOSR67-1977
AFCLRL66-0062
AFOSR67-0956
AFOSR66-1122
AFCLRL67-0742
AFOSR67-2403
AFCLRL67-0070
AFCLRL66-0100
AFOSR67-0801
AFCLRL67-0014
AFCLRL66-0391
AFOSR67-2744
AFOSR66-2072
AFOSR67-0010
AFOSR67-2695
ARL 67-0281
AFOSR67-0057
AFOSR67-2779
AFOSR66-1800
AFOSR66-1080
AFOSR67-1324
AFCLRL67-0508
AFOSR67-2779
AFOSR66-1060
AFCLRL66-0077
AFOSR66-1051
AFOSR66-1925
AFOSR66-0223

RADIO

- CONTINUED

| | |
|---|--------------|
| LUNAR OCCULTATION STUDIES OF SIX WEAK RADIO SOURCES | AFOSR68-1121 |
| LUNAR OCCULTATION STUDIES OF FIVE WEAK RADIO SOURCES OF SMALL ANGULAR SIZE | AFOSR67-1730 |
| POSSIBLE MODEL FOR A RAPIDLY PULSATING RADIO SOURCE | AFOSR68-1627 |
| SIMULTANEOUS OBSERVATIONS OF A PULSATING RADIO SOURCE OVER A 5,000 KM BASELINE | AFOSR68-2888 |
| GALACTIC HII REGIONS III THE NATURE OF THE RADIO SOURCE W59 | AFOSR68-1088 |
| DISCUSSION OF OBSERVATIONS OF QUASI-STELLAR RADIO SOURCES RADIO GALAXIES AND SUPERNOVA REMANTS | AFOSR68-1731 |
| WAVE-FRONT OBSERVATIONS AT 35 GHz ON A LINE-OF-SIGHT RADIO-WAVE PROPAGATION PATH | AFOSR67-0606 |
| LOWER D-REGION ROCKET EXPERIMENTS USING LOW FREQUENCY RADIO WAVE ABSORPTION | AFOSR67-0360 |
| DISCUSSION OF OBSERVATIONS OF QUASI-STELLAR RADIO SOURCES RADIO GALAXIES AND SUPERNOVA REMANTS | AFOSR68-1751 |
| ELECTRON TEMPERATURES OF IONIZED NEBULAE DERIVED FROM H α AND RADIO FLUX DENSITIES | AFOSR67-0395 |
| DETERMINATION OF A D-REGION NITRIC OXIDE DENSITY PROFILE BY VLF RADIO PROPAGATION | AFOSR67-0170 |
| HIGH-GAIN UHF BACKSCATTER ANTENNA FOR COMMUNICATIONS TELEMETRY AND RADIO ASTRONOMY | AFOSR67-0588 |
| THE DETERMINATION OF ANTENNA PARAMETERS BY THE USE OF EXTRA-TERRESTRIAL RADIO SOURCES | AFOSR68-0231 |
| ON THE WAVELENGTH DEPENDENCE OF THE BANDWIDTH AND THE DURATION OF TYPE I SOLAR RADIO BURSTS | AFOSR68-0204 |
| STUDY OF ABSORPTION AND REFRACTION CHANGES IN RADIATION EMANATING FROM JUPITER AND RADIO STARS FINAL REPORT FEB 1967 | AFOSR67-0114 |
| SOME ADDITIONAL ASPECTS OF THE UNEQUAL ACTIVITY OF THE NORTHERN AND SOUTHERN SOLAR HEMISPHERES MICROWAVE RADIO BURSTS | AFOSR68-0217 |
| A STUDY OF THE RELATIONSHIP BETWEEN MULTIPATH DISTORTION AND WAVE NUMBER SPECTRUM OF DIELECTRIC NOISE IN RADIO LINKS | AFOSR68-0439 |
| RADIO-ASTRONOMICAL | |
| CONFERENCE THEORY OF RADIO-ASTRONOMICAL MEASUREMENTS | AFOSR67-0858 |
| RADIO-FREQUENCY | |
| A HIGH-POWER TUNED RADIO-FREQUENCY TRANSMITTER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY | AFOSR68-1687 |
| SEVERAL HIGH SENSITIVITY RADIO-FREQUENCY DETECTORS FOR PERMANENT GAS ANALYSIS | AFOSR68-0351 |
| RADIO-PULSE | |
| A LONG-DISTANCE COINCIDENCE RADIO-PULSE EXPERIMENT | AFOSR68-2750 |
| RADIO-WAVE | |
| WAVE-FRONT OBSERVATIONS AT 35 GHz ON A LINE-OF-SIGHT RADIO-WAVE PROPAGATION PATH FINAL REPORT DEC 1967 | AFOSR68-0096 |
| RADIOACTIVE | |
| BETA-DECAY OF RADIOACTIVE LEAD TETRAMETHYL | AFOSR67-2375 |
| SELF-DIFFUSION OF RADIOACTIVE TRACERS ACROSS DISCONTINUOUS SURFACES | ARL 68-1334 |
| RADIOLYSIS STUDIES UTILIZING RADIOACTIVE TRACERS FINAL REPORT APRIL 1967 | AFOSR67-1079 |
| RADIOFREQUENCY | |
| RADIOFREQUENCY SOURCE OF POTASSIUM RESONANCE RADIATION FOR USE IN KILOGAUSS MAGNETIC FIELDS | AFOSR67-2637 |
| MICROWAVE MILLIMETER AND RADIOFREQUENCY SPECTROSCOPY FINAL REPORT NOV 1967 | AFOSR67-2608 |
| RADIOISOTOPE | |
| TROPINE-LABELED ATROPINE METABOLISM IN MAN RADIOISOTOPE LABELED ATROPINE | AFOSR67-2120 |
| RADIOLYSIS | |
| RADIOLYSIS OF NEUTRAL AQUEOUS SOLUTIONS OF CYSTEINE IN THE PRESENCE OF OXYGEN | AFOSR68-2519 |
| IONIC REACTIONS IN THE RADIOLYSIS OF ETHYL CHLORIDE | ARL 68-1121 |
| ENERGY TRANSFER STUDIES IN THE LIQUID PHASE RADIOLYSIS OF RARE GAS-HYDROGEN MIXTURES | ARL 67-1166 |
| THE AS A RADICAL SCA HDER IN CYCLOPENTANE RADIOLYSIS | ARL 67-1128 |
| IONIC PROCESSES IN CYCLOHUTANF. IMPLICATIONS OF MASS SPECTROMETRIC DATA FOR RADIOLYSIS STUDIES | ARL 68-1235 |
| RADIOMETRIC | |
| RADIOMETRIC OBSERVATIONS OF THE PLANETS JUPITER VENUS AND MARS AT A WAVELENGTH OF 0.6 MILLIMETERS | AFOSR67-0409 |
| A FEASIBILITY AND DESIGN STUDY FOR AN AIRBORNE RADIOMETRIC SYSTEM TO MEASURE REMOTELY THE VERTICAL PROFILE OF | AFOSR68-0107 |
| RADIOMETRY | |
| AN APPLICATION OF CORRELATION RADIOMETRY TO THE STUDY OF PLASMA RADIATION | AFOSR68-0168 |
| AN ESTIMATE OF THE SURFACE TEMPERATURE OF VENUS INDEPENDENT OF PASSIVE MICROWAVE RADIOMETRY | AFOSR68-1853 |
| RADIOSONDE | |
| AMSS PROTOTYPE RADIOSONDE FINAL REPORT SEPT 1968 | AFOSR68-0475 |
| RADIOTELEMETRY | |
| THE DESIGN AND USE OF AN FM/AM RADIOTELEMETRY SYSTEM FOR MULTICHANNEL RECORDING OF BIOLOGICAL DATA | AFOSR68-0833 |
| RADIOWAVE | |
| PERIODEIC COVARIATION OF RADIOWAVE ABSORPTION EARTH CURRENTS AND OTHER ASSOCIATED PHENOMENA IN THE AURORAL ZONE | AFOSR67-0248 |
| A THEORETICAL STUDY OF TROPOSPHERIC RADIOWAVE PROPAGATION FINAL REPORT JAN 1967 | AFOSR67-0112 |
| RADIUS | |
| EFFECTIVE RADIUS OF A VACANCY AND THE CALCULATION OF SOLUBILITY LIMITS IN CRYSTALS OF HIGHLY IONIC PHASES OF THE | AFOSR68-0914 |
| THE VALIDITY OF PERTURBATION SERIES WITH ZERO RADIUS OF CONVERGENCE | AFOSR67-2285 |
| RADON-NIKODYM | |
| EQUIVALENT GAUSSIAN MEASURES WITH A PARTICULARLY SIMPLE RADON-NIKODYM DERIVATIVE | AFOSR67-2394 |
| RAIFFARTAGH | |
| AN EXTENSION OF A THEOREM OF L. O. RAIFFARTAGH | AFOSR68-1385 |
| RAINY | |
| ESTIMATING THE DATE OF RETREAT OF THE RAINY SEASON IN SOUTHERN SOUTH VIETNAM | AFOSR68-0229 |
| RAMAN | |
| RAMAN LASERS USING SECONDARY RAMAN LINES | AFOSR67-0341 |
| RAMAN SCATTERING BY COLOR CENTERS | AFOSR67-1761 |
| RAMAN SPECTRUM OF CRYSTALLINE BENZENE | AFOSR67-2443 |
| RAMAN SCATTERING BY COUPLED PLASMONS - LO PHONON MODES IN ZnS-TYPE CRYSTALS | ARL 67-1300 |
| COLOR LASER RAMAN SOURCE | AFOSR68-0130 |
| THEORY OF LATTICE RAMAN EFFECT IN INSULATORS | ARL 67-1322 |

RAMAN - CONTINUED

| | |
|---|--------------|
| RAMAN LASERS USING SECONDARY RAMAN LINES | AFOSR67-0341 |
| MICROSCOPIC THEORY OF LATTICE RAMAN SCATTERING IN CRYSTAL CONTAINING IMPURITIES | APL 6A-1414 |
| IMPURITY-INDUCED SECOND-HARMONIC INFRARED ABSORPTION AND RAMAN SCATTERING BY U-CENTER LOCALIZED MODES IN ALKALI-HALIDES | AFOSR68-0924 |
| RELATION BETWEEN PHOTOPLASTICITY ELECTROSTRICTION AND FIRST ORDER RAMAN EFFECT IN CRYSTALS OF THE DIAMOND STRUCTURE | AFOSR68-0932 |
| RAMAPO | |
| SPISINICITY IN THE VICINITY OF THE RAMAPO FAULT NEW JERSEY-NEW YORK | AFCL68-0260 |
| RAMEY | |
| ANALYSIS OF THE LEONARD AND RAMEY METHOD OF DETERMINING THE THICKNESS OF THIN METALLIC FILMS | AFOSR68-0936 |
| RAMSAUER | |
| EXTINCTION OF LANDAU DAMPING AND COLLISIONAL INSTABILITIES IN RAMSAUER GASES | APL 6A-1439 |
| RAMSAUER-TOWNSEND | |
| CALCULATED RAMSAUER-TOWNSEND EFFECT IN ALPHA PARTICLE-ALPHA PARTICLE COLLISIONS | AFOSR68-0850 |
| RANCHBURG | |
| THE RANCHBURG PHENOMENON FAILURES OF IMMEDIATE RECALL CORRELATED WITH REPETITION OF ELEMENTS WITHIN A STIMULUS | AFOSR67-1829 |
| RANDOM | |
| RANDOM SCATTERING OF QUASIMONOCROMATIC RADIATION IN A LONG TRANSMISSION LINE | AFCL67-0353 |
| RANDOM COIL CONFIGURATIONS OF POLYMERIDE COPOLYMERS | AFOSR67-0532 |
| RANDOM EIGENVALUE PROBLEMS | AFOSR68-1380 |
| RANDOM SPIN SYSTEMS SOME RIGOROUS RESULTS | AFOSR68-2567 |
| NON-WHITE RANDOM EXCITATION OF NONLINEAR SYSTEMS | APL 67-1008 |
| A THEOREM ON RANDOM FOURIER SERIES ON NONCOMMUTATIVE GROUPS | AFOSR67-2119 |
| ANALYSIS OF SOME RANDOM BLENDING PROCESSES | AFOSR68-0839 |
| SPHERICAL CAPS AND RANDOM VALUED HARMONIC FUNCTIONS | AFOSR68-1739 |
| WAVE PROPAGATION IN A RANDOM MEDIUM | AFCL68-0343 |
| HIERARCHY METHODS FOR RANDOM VIBRATIONS OF ELASTIC STRINGS AND BEAMS | AFOSR68-0372 |
| NONLINEAR TRANSFORMATIONS OF RANDOM PROCESSES | AFOSR68-0594 |
| ON THE OSCILLATION OF SUMS OF RANDOM VARIABLES | AFOSR67-1015 |
| STATISTICAL DEPENDENCE BETWEEN RANDOM EFFECTS AND THE NUMBERS OF OBSERVATIONS ON THE EFFECTS FOR THE UNBALANCED | APL 68-0052 |
| PULFEL-LAGRANGE RELATIONSHIP FOR RANDOM DISPERSIVE WAVES | AFOSR68-1597 |
| OPTIMUM QUADRATIC DETECTION OF A RANDOM VECTOR IN GAUSSIAN NOISE | AFOSR67-0734 |
| GUIDED WAVES IN BOUNDED MEDIA WITH RANDOM CROSS INHOMOGENEITIES | AFCL67-0261 |
| ON WAVES SEQUENTIAL DESIGN WITH TWO RANDOM VARIABLES | AFOSR67-0758 |
| CONVERGENCE RATES FOR WEIGHTED SUMS OF RANDOM VARIABLES FINAL REPORT APRIL 1968 | AFOSR68-1072 |
| A PROPERTY OF SYMMETRIC /INTERCHANGEABLE/ RANDOM VARIABLES | AFOSR67-0874 |
| ON THE RESPONSE OF SHALLOW THIN SHELLS TO RANDOM EXCITATIONS | AFOSR67-2511 |
| THE VELOCITY AND ATTENUATION OF WAVES IN A RANDOM MEDIUM | AFCL67-0614 |
| TIME CORRELATIONS IN FORWARD SCATTERING BY RANDOM DISTRIBUTIONS FINAL REPORT APR 1968 | AFCL68-0223 |
| SYSTEM IDENTIFICATION AND THE PRINCIPLE OF RANDOM CONTRACTION MAPPING | AFOSR68-1798 |
| PLANE WAVE PROPAGATION IN THE HALF SPACE WITH RANDOM EXCITATION AND COUPLING BETWEEN STRESS AND TEMPERATURE FIELD | AFOSR67-0652 |
| ON THE LIFETIME OF VISCOELASTIC STRUCTURES IN A RANDOM TEMPERATURE FIELD | AFOSR68-0321 |
| INVESTIGATION OF DECISION THEORY WITH CORRELATED RANDOM VARIABLES | AFOSR68-1534 |
| ON LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES | APL 67-0260 |
| THE ELECTROMAGNETIC SCATTERING OF BROAD BANDWIDTH RANDOM SIGNALS BY A DISCRETE TARGET | AFCL67-0602 |
| AN ALGEBRAIC TREATMENT OF FLUCTUATIONS OF SUMS OF RANDOM VARIABLES | AFOSR68-1642 |
| EXPERIENCES OF STRUCTURAL INTERACTION BOUNDARIES FOR RANDOM EXCITATION | AFOSR68-0032 |
| BOXES OBTAINED WITH TWO SIGNAL INTENSITIES PRESENTED IN RANDOM ORDER AND A COMPARISON BETWEEN YES-NO AND RATING ROCS | AFOSR68-2678 |
| GAIN OPTIMIZATION FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM FLUCTUATIONS | AFCL67-0489 |
| SIGNAL CORRELATIONS IN FORWARD SCATTERING BY TWO-COMPONENT RANDOM DISTRIBUTIONS | AFCL67-0224 |
| LOW-ORDER LINEAR FILTERING AND PREDICTION OF NONSTATIONARY RANDOM SEQUENCES FINAL REPORT FEB 1967 | APL 67-0503 |
| AN EXTENSION OF THE INITIAL VALUE THEOREM AND ITS APPLICATION TO RANDOM SIGNAL ANALYSIS | AFOSR68-1832 |
| THE ANALYSIS OF NOISY NON-LINEAR DEVICES BY MEANS OF GENERALIZED RANDOM PROCESSES FINAL REPORT MARCH 1967 | APL 67-0048 |
| BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATION BETWEEN RANDOM EFFECTS AND THE NUMBERS OF | APL 67-1320 |
| BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECTS AND THE NUMBERS OF | APL 67-1021 |
| BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECT AND THE NUMBERS OF | APL 67-1022 |
| STUDIES OF GUIDED ELECTROMAGNETIC WAVES IN THE PRESENCE OF AXIALLY NONUNIFORM OR RANDOM PERTURBATIONS | AFCL67-0298 |
| MAXIMUM LIKELIHOOD ESTIMATION OF THE DISTRIBUTIONS OF TWO STOCHASTICALLY ORDERED RANDOM VARIABLES | AFOSR67-1012 |
| OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM ERRORS | AFCL67-0310 |
| ON THE DISTRIBUTION OF LINEAR FUNCTIONS AND RATIOS OF LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES | APL 67-0251 |
| SOME RESULTS GIVING RATES OF CONVERGENCE IN THE LAW OF LARGE NUMBERS FOR WEIGHTED SUMS OF INDEPENDENT RANDOM VARIABLES | AFOSR67-0942 |
| RANDOM-PHASE | |
| RANDOM-PHASE K-MATRIX APPROACH TO ABSORPTION IN PERIPHERAL INTERACTIONS | AFOSR67-0578 |
| RANDOMIZATION | |
| SIZE AND POWER OF SOME TESTS UNDER EXPERIMENTAL RANDOMIZATION | APL 6A-0179 |
| RANDOMIZED | |
| TESTING HYPOTHESES IN RANDOMIZED FACTORIAL EXPERIMENTS | AFOSR68-0172 |
| RANDOMLY | |
| OPTIMUM FILTERING AND CONTROL OF RANDOMLY SAMPLED SYSTEMS | AFOSR68-0754 |
| THE RATE OF CONVERGENCE OF AN ALGORITHM FOR RECOVERING FUNCTIONS FROM NOISY MEASUREMENTS TAKEN AT RANDOMLY SELECTED | AFOSR68-2349 |
| RANDOMNESS | |
| INSTRUCTIONS ABOUT RANDOMNESS AND RUN DEPENDENCY IN TWO-CHOICE LEARNING | AFOSR67-2743 |
| RANGE | |
| THE RANGE OF FERROMAGNETIC EXCHANGE INTERACTIONS | AFOSR68-0020 |
| LONG RANGE SPIN-POLARIZATION IN THE KONDOR EFFECT | AFOSR67-2104 |
| LONG RANGE RECORDING OF LAKE SUPERIOR 1966 SHOT PRINTS FINAL REPORT JAN 1968 | AFOSR68-1504 |
| LONG RANGE NAVIGATION IN ANIMALS FINAL REPORT SEPT 1968 | AFOSR68-2373 |
| FIELD RANGE AND RESOLUTION IN HOLOGRAPHY | AFOSR67-0761 |
| FREQUENCY RANGE OF THE MICROWAVE EMISSION FROM INSB | AFOSR67-1893 |
| A LARGE DYNAMIC RANGE MICROWAVE POWER MEASUREMENT SYSTEM EMPLOYING FEEDBACK | AFCL67-0586 |
| EXTENDED DYNAMIC RANGE PROCESSING FINAL REPORT NOV 1967 | AFCL67-0633 |
| NARROW BAND LONG RANGE COLOR TELEVISION SYSTEM INCORPORATING COLOR ANALYZER | APL 67-1138 |
| A CONSTANT BANDWIDTH WIDE RANGE TRANSISTORIZED LOGARITHMIC AMPLIFIER | AFCL67-0186 |
| ON LIMITS OF RIEMANN SUMS AND THE RANGE OF INTEGRALS | AFOSR68-1026 |

EVIDENCE FOR MAGMA IN THE KATHAI VOLCANIC RANGE
GAS LASER STUDIES IN THE 100 TO 1000 MICRON RANGE FINAL REPORT SEPT 1967
GAS LASER STUDIES IN THE 100 TO 1000 MICRON RANGE FINAL REPORT DEC 1966
A STUDY OF THE CORES OF AIR SHOWERS IN THE SIZE RANGE 17M TO THE 4TH TO THE 7TH PARTICLES
A STUDY OF SOLAR RADIO BURSTS IN THE 3-4 TO 80 CM RANGE AND THEIR CORRELATION TO SCNA EVENTS FINAL REPORT JAN 1968
MAGNETIC SUSCEPTIBILITY OF URANIUM TRIFLUORIDE IN THE RANGE 2-300 DEGREES K
COMMENTS ON OPTICAL RADAR AND PASSIVE OPTO-ELECTRONIC RANGING
LASER PHOTOLYSIS AND SPECTROSCOPY IN THE NANOSECOND TIME RANGE EXCITED SINGLET STATE ABSORPTION IN CORONENE
AN INTENSE AURORAL ZONE X-RAY EVENT IN THE 4-5 SEC PERIOD RANGE
PLASTIC SCATTERING OF ALPHA-PARTICLES BY 24MG IN THE ENERGY RANGE 8 TO 19 MEV
SCATTERING OF ALPHA PARTICLES BY OXYGEN I BOMBARDING ENERGY RANGE 6.8 TO 10.0 MEV
SCATTERING OF ALPHA PARTICLES BY OXYGEN II BOMBARDING ENERGY RANGE 10 TO 19 MEV
MARCH 1966 OBSERVATIONS OF THE GALACTIC SPUR IN THE 20 TO 40 MHZ RANGE
RECOMBINATION OF BR ATOMS BY FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE
MAGNETIC SUSCEPTIBILITY OF BARIUM MOLYBDATE/IV/ AND STRONTIUM MOLYBDATE/IV/ IN THE RANGE 2-300 DEGREES K
STUDY OF SEISMICITY MECHANICS OF FAULTING AND CRUSTAL STRUCTURE WITHIN THE BASIN AND RANGE AND ADJOINING PROVINCES
KINETICS OF ATOMIC ASSOCIATION REACTIONS USING FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE FINAL REPORT NOV 1968
EXACT MOMENTS AND PERCENTAGE POINTS OF THE ORDER STATISTICS AND THE DISTRIBUTION OF THE RANGE FROM THE LOGISTIC
ABUNDANCES AND ENERGY SPECTRA OF GALACTIC COSMIC-RAY NUCLEI ABOVE 20 MEV PER NUCLEON IN THE NUCLEAR CHARGE RANGE FROM

RANGING
OPTICAL RADAR AND PASSIVE OPTO-ELECTRONIC RANGING

RANK
A THEOREM ON RANK WITH APPLICATIONS TO MAPPINGS ON SYMMETRY CLASSES OF TENSORS
ASYMPTOTICALLY LOCALLY MOST POWERFUL RANK ORDER TEST STATISTICS

RANKING
ON SELECTION AND RANKING PROCEDURES AND ORDER STATISTICS FROM THE MULTINOMIAL DISTRIBUTION
ON SOME SELECTION AND RANKING PROCEDURES WITH APPLICATIONS TO MULTIVARIATE POPULATIONS
ON A CLASS OF SELECTION AND RANKING PROCEDURES
ON SOME MULTIPLE DECISION /SELECTION AND RANKING/ RULES

RAPHE
EFFECTS OF THE LESIONS OF THE RAPHE SYSTEM UPON SLEEP AND CEREBRAL SEROTONIN /FRENCH/
PERMANENT INSOMNIA AND DIMINUTION OF CEREBRAL SEROTONIN BY LESION OF THE RAPHE SYSTEM IN THE CAT /FRENCH/

RAPID
RAPID AND SENSITIVE DETECTION OF BACTERIA BY GAS CHROMATOGRAPHY
RAPID MODIFICATION OF ISOLATION-INDUCED AGGRESSIVE BEHAVIOR AND ELEVATION OF BRAIN CATECHOLAMINES AND SEROTONIN BY THE
RAPID AND ULTRA-SENSITIVE METAL ANALYSIS BY NEW GAS CHROMATOGRAPHIC TECHNIQUES
RAPID ULTRA-TRACE DETERMINATION OF BERYLLIUM BY GAS CHROMATOGRAPHY
RAPID MICROANALYSIS OF BERYLLIUM IN BIOLOGICAL FLUIDS BY GAS CHROMATOGRAPHY
EXTINGUISHMENT OF SOLID PROPELLANTS BY RAPID DEPRESSURIZATION

RAPID-SCAN
KINETIC SPECTROSCOPY IN THE INFRARED A RAPID-SCAN INFRARED SPECTROMETER

RAPIDLY
RAPIDLY ROTATING STARS II MASSIVE WHITE DWARFS
RAPIDLY ROTATING STARS I THE SELF-CONSISTENT-FIELD METHOD
RAPIDLY ROTATING STARS III MASSIVE MAIN-SEQUENCE STARS
CONDENSATION IN A RAPIDLY EXPANDING METAL VAPOR-INERT GAS MIXTURE FINAL REPORT APRIL 1967
POSSIBLE MODEL FOR A RAPIDLY PULSATING RADIO SOURCE
ON THE STEADY MOTIONS PRODUCED BY A STABLE STRATIFICATION IN A RAPIDLY ROTATING FLUID

RARE
RARE EARTH COMPOUNDS
RARE EARTH IMPURITIES IN II-VI COMPOUND
RARE EARTH METAL SINGLE CRYSTALS II MAGNETIC PROPERTIES OF THULIUM EUROPIUM SAMARIUM AND YTTERBIUM
RARE EARTH CHELATES OF 1 1 1 2 2 3 3-HEPTAFLUORO-7 7- DIMETHYL-4 6-OCTANEDIONE
RARE EARTH STABILIZED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS
RARE EARTH BATA-DIKETONATE COMPLEXES
RARE EARTH IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS
THE RARE EARTH COMPLEXES OF HEPTAFLUORO-OCTANEDIONE
VOLATILE RARE EARTH CHELATES
VOLATILE RARE EARTH, ZIRCONIUM AND HAFNIUM CHELATES OF BETA-DIKETONES
VOLATILE RARE EARTH CHELATES OF BETA-DIKETONES
VOLATILE RARE EARTH CHELATES OF BATA-DIKETONES
VOLATILE RARE EARTH, ZIRCONIUM, AND HAFNIUM CHELATES OF BATA-DIKETONES
DEFECTS IN RARE GAS CRYSTALS
THE VOLATILE RARE EARTH CHELATES OF 1-1,1,2,2,3,3- HEPTAFLUORO-7,7-DIMETHYL-4,6-OCTANEDIONE
THE VOLATILE RARE EARTH CHELATES OF 1-1,1,2,2,3,3- HEPTAFLUORO-7,7-DIMETHYL-4,6-OCTANEDIONE
THE VOLATILE RARE EARTH CHELATES OF HEPTAFLUORO-OCTANEDIONE
THE VOLATILE RARE EARTH CHELATES OF HEPTAFLUORO-OCTANEDIONE
ANHYDROUS AND HYDRATED RARE EARTH ACETYLACETONATES AND THEIR INFRARED SPECTRA
ELECTRICAL PROPERTIES OF RARE EARTH OXIDES FINAL REPORT OCT 1967
PARAMAGNETIC RESONANCE IN RARE EARTH METALS FINAL REPORT JUNE 1967
COORDINATION NUMBER OF THE RARE EARTHS IN SOME OF THEIR CHELATES
MASS SPECTROMETRIC STUDY OF RARE EARTH-CARBON SYSTEMS. I. THE CERIUM-CARBON SYSTEM. II. ATOMIZATION ENERGY OF THE MOCA
OPTICAL PROPERTIES OF SOLID RARE GASES AND THEIR ALLOYS /ABSTRACT ONLY/
NUCLEAR MAGNETIC RELAXATION OF P-19 IN RARE EARTH DOPED LANTHANUM TRIFLUORIDE
THE CRYSTAL CHEMISTRY OF SELECTED ARSUF RARE EARTH COMPOUNDS WITH SELENIUM TELLURIUM AND ANTIMONY
AXIAL MAGNETIC ANISOTROPY IN THE HEAVIER RARE EARTH SODIUM MOLYBDATE
HIGH TEMPERATURE THERMAL CONDUCTIVITY OF RARE GASES AND GAS MIXTURES
MAGNETIC SUSCEPTIBILITIES OF THE HEAVIER RARE EARTH SODIUM MOLYBDATE
ISOTOPE EFFECT IN THE REACTION OF HD WITH RARE GASES
CRYSTAL GROWTH STUDIES OF THE ALKALI METALS THE RARE EARTHS AND CORAL FINAL REPORT AUG 1967
PHYSICS OF VIBRONIC TRANSITIONS IN THE SPECTRA FOR RARE EARTH IONS IN CRYSTALS FINAL REPORT FEB 1967
SELECTIVE ENHANCEMENT IN HYDROGEN-LIKE MOLECULES WITH THE RARE GASES H2/SUB2 WITH AR AND KR
ENERGY TRANSFER STUDIES IN THE LIQUID PHASE RADIOLYSIS OF RARE GAS-HYDROGEN MIXTURES
THEORY OF OPTICAL ABSORPTION BY DIATOMIC MOLECULES EMBEDDED IN RARE GAS CRYSTALS
BASIC RESEARCH ON THE SEPARATION OF SCANDIUM, YTTRIUM, AND THE RARE EARTHS BY SOLVENT EXTRACTION FINAL REPORT DECEMBER
ENHANCED EFFECTIVE EXCHANGE INTERACTION DUE TO LOCALIZED SPINS IN DILUTE ALLOYS AND RARE EARTH METALS
CRYSTAL CHEMISTRY OF ARSUO2 STRUCTURES I INVESTIGATIONS ON ARSUO2 SECTIONS IN THE TERNARY SYSTEMS RARE EARTH-ALUMINUM-

RARE-EARTH

RARE-EARTH TRIMETHYLAFLUOROACETYLACETONATES AND RELATED COMPOUNDS
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
VOLATILE RARE-EARTH CHLORIDES OF 2,2,6,6-TETRAMETHYLPENTANE-3,5-DIONE
ELECTRON INTERACTION IN RARE-EARTH METALS
THE CRYSTAL STRUCTURES OF RARE-EARTH MONOSILICIDES
NEW DIFLUORIDE PHASES OF THE RARE-EARTH METALS AND YTTRIUM
CALORIMETRIC INVESTIGATION OF HYDROGEN INTERACTIONS IN RARE-EARTH METALS

AGL 69-0321
ARL 68-1169
ARL 68-1382
ARL 68-1307
AFOSR68-1437
AFOSR67-1782
AFOSR68-2143
AFOSR68-1470

RARE-EARTH-DOPED

NUCLEAR MAGNETIC RELAXATION IN RARE-EARTH-DOPED CALCIUM FLUORIDE CRYSTALS AT LOW TEMPERATURES

AFOSR67-0362

RARE-GAS

TOTAL RARE-GAS CRYSTALS

AFOSR68-1504

RAREFIED

FLOW OF A RAREFIED GAS IN A TUBE OF ANNULAR SECTION
HYPERSONIC RAREFIED PLASMA FLOWS FINAL REPORT OCT 1968
RESEARCHER ON RAREFIED GAS DYNAMICS HYPERSONIC FLOW ROTATING STALL FINAL REPORT JULY 1968
COMPRESSION OF A RAREFIED PLASMA BY CONVERGING MAGNETIC MIRRORS
VARIATIONAL APPROACH TO RAREFIED FLOWS IN CYLINDRICAL AND SPHERICAL GEOMETRY
THE TRANSITION WEIGHT OF RAREFIED GAS DYNAMICS FINAL REPORT JULY 1968
CYLINDRICAL COUETTE FLOW OF A RAREFIED GAS
KINETIC THEORY OF DIFFUSION IN RAREFIED GASES
CONDENSATION DROPLET GROWTH IN RAREFIED GASES
AN EXPERIMENTAL STUDY OF HYPERSONIC RAREFIED FLOW OVER A BLUNT BODY
THE PROBLEM OF A CYLINDER ROTATING IN A RAREFIED GAS
STUDIES OF THE LEADING EDGE EFFECT ON THE RAREFIED HYPERSONIC FLOW OVER A FLAT PLATE
THEORETICAL RESEARCH IN KINETIC THEORY AND RAREFIED GAS DYNAMICS
DIRECT MEASUREMENT OF FIRST COLLISION EFFECTS IN RAREFIED HIGH SPEED FLOWS
EXPERIMENTAL STUDY OF DESICCANT TRANSPIRATION AT AN ORIFICE IN RAREFIED FLOW

AFOSR67-0137
AFOSR67-0808
AFOSR68-2192
AFOSR68-0848
AFOSR67-1913
AFOSR68-2315
AFOSR67-2682
AFOSR67-0469
ARL 67-0049
AFOSR68-0744
AFOSR67-1915
ARL 68-1000
AFOSR68-2493
AFOSR67-2059
AFOSR68-1927

RASSACH

DISCUSSION OF PAPER BY M F RASSACH A J OESSLER AND A G W CAMFRON THE LUNAR PERIOD THE SOLAR PERIOD AND K SUB P

AFOSR67-0202

RATE

RATE CONSTANTS FOR CHARGE EXCHANGE INVOLVING QUASITHERMAL IONS AND NITRIC OXIDE
THE RATE OF GROWTH OF TALL THUNDERSTORMS
THE RATE OF CONVERGENCE OF AN ALGORITHM FOR RECOVERING FUNCTIONS FROM NOISY MEASUREMENTS TAKEN AT RANDOMLY SELECTED HEART RATE RESPONSE TO SOUND AND LIGHT
PARTIAL RATE FACTORS IN THE NITRATION OF 10-METHYL-10, 9-BORAZAPHENANTHRENE
REACTION RATE STUDIES OF GASEOUS UNIMOLECULAR ISOMERIZATIONS FINAL REPORT OCT 1967
RELATIVE RATE CONSTANTS FOR ANODIC OXIDATIONS OF POTASSIUM ALKANECARBOXYLATES
HEAT TRANSFER RATE MEASUREMENTS IN A LOW DENSITY HYPERVLOC STREAM OF ARGON
FINITE IONIZATION RATE EFFECTS OVER ELECTRODES IN WND CHANNELS
MEASUREMENT OF FLOW RATE AND PRESSURE OF GASES IN FLAME SPECTROMETRY
CLASSICAL AND QUANTUM RATE THEORIES FOR SOLIDS
LOWER BOUND ON THE DECAY RATE FOR MU PAIR PRODUCTION FROM THE PTA PARTICLE
THE HYDRATION NUMBER AND RATE OF WATER EXCHANGE OF THE TRIMETHYLPYRROLIUM ION IN AQUEOUS SOLUTION DETERMINED BY THE USE OF THE FIRST-ORDER RATE EQUATION IN TREATING KINETIC DATA
EFFECTS OF S-P CODING ON THE RATE OF GAIN OF INFORMATION
THE EFFECT OF RING SIZE ON THE RATE OF PYROLYSIS OF CYCLOALKYL PHENYL SULFONIDES
EXPERIMENTAL DETERMINATION OF THE RATE OF CHEMIS-IONIZATION PROCESSES
EFFECTS OF STEADY DIFFUSE ILLUMINATION ON RATE OF UNITARY TONIC DISCHARGE IN THE CENTRAL VISUAL PATHWAYS OF THE A GENERAL FORMULATION AND SOLUTION OF CHEMICAL RATE EQUATIONS FOR USE IN NON-EQUILIBRIUM COMBUSTION STUDIES
MECHANOCHEMISTRY OF COUPLED CONTRACTILE AND CHEMICAL RATE PROCESSES FINAL REPORT DEC 1967
GENERAL FORMULATION AND NUMERICAL SOLUTION OF REACTION RATE PROBLEMS
THE CHEMISTRY OF CARBANIONS XIV FACTORS INFLUENCING THE RATE OF ADDITION OF DIMETHYLMAGNESIUM TO BENZOPHENONE
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
THE MECHANISM OF THE DISPROPORTIONATION OF SULFINIC ACIDS RATE AND EQUILIBRIUM CONSTANTS FOR THE SULFINIC ACID-DETERMINATION OF TRACE METALS USING COORDINATION CHAIN REACTIONS WITH MASKING AGENTS AND WITH AUTOMATED RATE

ARL 68-0095
AFOSR68-0412
AFOSR68-2349
AFOSR68-2167
AFOSR68-1589
AFOSR67-2449
AFOSR68-2908
AFOSR68-2640
AFOSR68-2222
AFOSR68-0405
AFOSR68-1871
AFOSR68-0274
AFOSR68-2864
AFOSR67-0539
AFOSR67-1807
AFOSR67-1614
ARL 68-0351
AFOSR68-2790
AFOSR67-2021
AFOSR68-0797
AFOSR68-1624
AFOSR68-2486
ARL 68-0047
ARL 68-0189
AFOSR67-0075
AFOSR67-2653

RATERS

THE EFFECTS OF CONTEXT AND OF RATERS ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP
THE EFFECTS OF CONTEXT AND OF RATERS ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP

AFOSR67-0073
AFOSR67-1403

RATES

RATES OF EXCHANGE OF SOLVENT MOLECULES WITH PARAMAGNETIC IONS FINAL REPORT FEB 1967
RATES OF EXCHANGE OF SOLVENT MOLECULES WITH PARAMAGNETIC IONS FINAL REPORT OCT 1967
RATES OF SOLVOLYSIS OF 2-CYCLOPROPYLETHYL BROMIDES
THE RATES OF RECOMBINATION OF CYANOALKYL RADICALS IN SOLUTION
IONIZATION RATES IN THE INERT GASES
NEUTRON DECAY RATES IN O₂ 22 AND THE INTRODUCTION OF SUZUKI
CONVERGENCE RATES FOR WEIGHTED SUMS OF RANDOM VARIABLES FINAL REPORT APRIL 1968
RECOMBINATION RATES OF THERMAL IONS
DE-EXCITATION RATES OF EXCITED ELECTRONIC STATES IN SOLIDS
DETERMINATION OF RATES OF OPTICAL INVERSION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NUCLEAR MAGNETIC RESONANCE
DETERMINATION OF RATES OF RACEMIZATION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NMR STUDIES OF RACEMIC MIXTURES
SOME RESULTS GIVING RATES OF CONVERGENCE IN THE LAW OF LARGE NUMBERS FOR WEIGHTED SUMS OF INDEPENDENT RANDOM VARIABLES
ACTINOTRIPLE EXCHANGE RATES IN SOLUTIONS OF NICKEL(II) IONS BY NUCLEAR MAGNETIC RESONANCE
MEASUREMENT OF RE-IONIZATION RATES IN HIGH-TEMPERATURE AIR
CONDENSATION-ENHANCED VAPORIZATION RATES IN NONISOTHERMAL SYSTEMS
CONVECTIVE DIFFUSION LIMITATIONS ON THE RATES OF CHEMICAL REACTIONS AT SOLID SURFACES--KINETIC IMPLICATIONS
ENHANCEMENT OF DIFFUSION-LIMITED VAPORIZATION RATES BY CONDENSATION WITHIN THE THERMAL BOUNDARY LAYER 1 THE CRITICAL
THEORETICAL AND EXPERIMENTAL STUDIES AT HIGH MASS FLOW RATES IN HIGH PRESSURE CONSTRICTED ARCS
EFFECT OF TRANSLATIONAL ENERGY ON ION-MOLECULE REACTION RATES
PRESSURE DEPENDENCE OF NONMETALLIZED HYBRID FUEL REGRESSION RATES
CHARACTERISTICS OF REM SLEEP FOLLOWING DIFFERENT CONDITIONED RATES OF WAKING EYE MOVEMENT IN THE MONKEY
A RELATION BETWEEN MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
SOME RESULTS RELATING MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
THE EFFECTS OF HIGH MAGNETIC FIELDS ON THE ISOTHERMAL DISSOLUTION AND GROWTH RATES OF FERROUS AMMONIUM SULFATE
THE CHANGE IN ELECTRIC RESISTIVITY WITH PLASTIC DEFORMATION OF COPPER AT DIFFERENT STRAIN RATES
BACKWARD COMPTON SCATTERING KIN RULE AND THE PI-ZERO YIELDS TWO GAMMA ETA-ZERO YIELDS TWO GAMMA DECAY RATES

AFOSR67-0663
AFOSR67-2387
AFOSR68-2110
AFOSR68-0976
AFOSR67-1341
AFOSR68-0188
AFOSR68-1072
AFOSR68-0428
AFOSR67-2775
ARL 67-0224
ARL 67-1281
AFOSR67-0942
AFOSR67-1687
AFOSR67-0208
AFOSR68-2624
AFOSR67-2256
AFOSR68-1202
ARL 68-1490
ARL 67-0026
AFOSR67-1902
AFOSR68-2794
AFOSR67-0941
AFOSR67-2410
AFOSR67-2740
AFOSR67-1690
AFOSR68-2279

RATING

ROCS OBTAINED WITH TWO SIGNAL INTENSITIES PRESENTED IN RANDOM ORDER AND A COMPARISON BETWEEN YES-NO AND RATING ROCS

AFOSR68-2678

RATINGS

COMPARATIVE PRONOUNCABILITY RATINGS /P/ OF 100 CVCS IN TWO COLLEGE POPULATIONS
A COMPARISON OF HYPNOTIC SUSCEPTIBILITY AS ASSESSED BY DIAGNOSTIC RATINGS AND INITIAL STANDARDIZED TEST SCORES

AFOSR67-2133
AFOSR67-1839

RATIO

THE RATIO OF THE UPPER TWO CRITICAL FIELDS IN PURE NH
USE OF SIGNAL-TO-NOISE RATIO THEORY TO EVALUATE PARAMETERS CHARACTERISTIC OF MULTIPLIER PHOTOTUBES
THE INTERPRETATION OF THE CHARGE RATIO OF COSMIC-RAY MUONS
DETERMINATION OF OXYGEN-ZIRCONIUM RATIO IN OXYGEN DEFICIENT ZIRCONIA
A NEW DETERMINATION OF THE C12:C13 ISOTOPIC ABUNDANCE RATIO IN THE SOLAR PHOTOSPHERE
APPLICATION OF THE BLUNT TRAILING EDGE PLATE CONCEPT TO LOW MACH TIP RATIO TRANSONIC SUPERSONIC COMPRESSORS FINAL

AFOSR66-1532
AFOSR66-0356
AFOSR67-0267
ARL 66-0166
AFCLR67-0480
ARL 66-0110

RATIONAL

BEST APPROXIMATION BY RATIONAL FUNCTIONS AND BY MEROMORPHIC FUNCTIONS WITH SOME FREE POLES
DEGREE OF APPROXIMATION BY RATIONAL FUNCTIONS AND POLYNOMIALS
THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS OF BEST APPROXIMATION III
ON THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS
REPRESENTATION THEOREMS FOR POSITIVE RATIONAL FUNCTIONS
HYPERBOLIC CAPACITY AND INTERPOLATING RATIONAL FUNCTIONS II
RECURSION FORMULAS FOR POLYNOMIALS IN RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS
MEAN-SQUARE APPROXIMATION BY GENERALIZED RATIONAL FUNCTIONS

AFOSR66-0378
AFOSR66-1031
AFOSR66-1066
AFOSR66-0373
AFOSR66-2599
AFOSR66-0379
ARL 67-1135
AFOSR67-0764

RATIOS

RATIOS OF MEANS AND APPLICATIONS
BOUNDS FOR RATIOS AND DIFFERENCE OF MEANS
SPECIFIC HEAT RATIOS AND ENTROPIC EXPONENTS FOR CONSTANT VOLUME COMBUSTION OF STOICHIOMETRIC MIXTURES OF HYDROGEN-
ZIRCONIUM ISOTOPE RATIOS IN THE S-TYPE STAR HR 1105
MEASUREMENTS OF G J RATIOS FOR HBB 8867 HYDROGEN AND DEUTERIUM AND OF THE HYPERFINE SEPARATION OF DEUTERIUM
RESEARCH IN MEASUREMENT OF RATIOS OF POLARIZATION TO ABSORPTION FOR STARS ALONG THE MILKY WAY FINAL REPORT SEPT 1968
DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL RADICALS: METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND
IN THE DISTRIBUTION OF LINEAR FUNCTIONS AND RATIOS OF LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES

ARL 67-0228
ARL 66-1280
ARL 67-0017
AFOSR66-1156
AFOSR66-2790
AFCLR66-0484
ARL 67-1111
ARL 67-0253

RATS

STUDIES WITH RATS I. BRAIN MECHANISM IN FEAR SUPPRESSION II. COMPLEXITY AND STIMULUS CHOICE III. ACQUISITION LATENCY AND
DECREASED ATROPINE TOXICITY IN RATS CHRONICALLY EXPOSED TO COLD
CATECHOLAMINE EXCRETION IN ADRENAL-DEMEULATED RATS EXPOSED TO COLD AFTER CHRONIC GUANETHIDINE TREATMENT
LOW ASSESSMENT OF DIFFERENTIAL EARLY STRESS IN RATS FINAL REPORT NOV 1967
NEUROSECRETORY ACTIVITY IN SUPRACHiasmatic NUCLEUS OF NORMAL RATS
THE EFFECT OF COLD EXPOSURE ON THE CATECHOLAMINE EXCRETION OF RATS TREATED WITH DECAHOMANE
PREFERENCE FOR AND NEURAL GUSTATORY RESPONSE TO SODIUM SALTS IN RATS
PREFERENCE-AVERSION FUNCTION FOR SODIUM MONOAMINOCARBOXYLATES IN RATS

ARL 67-0012
AFOSR67-2105
AFOSR67-0501
ARL 67-0026
AFOSR67-2095
AFOSR67-0502
AFOSR67-2623
AFOSR67-2383

RAY-TRACING

RAY-TRACING OF THE Z-MODE IN A TILTED LAYER IONOSPHERE FINAL REPORT JAN 1968

AFCLR66-0099

RAYLEIGH

RAYLEIGH SCATTERING BY RAL CHAIN MOLECULES
THE RAYLEIGH ARCHIVES DEDICATION
HIGH RAYLEIGH WAVE PHASE VELOCITIES FOR THE NEW DELHI INDIA-LAHORE PAKISTAN PROFILE
THE HIGH MACH NUMER RAYLEIGH PROBLEM ACCORDING TO THE KROOK MODEL
EXCITATION OF WAVELENGTH WAVES OF PERIOD 100 SECONDS AS A FUNCTION OF MAGNITUDE
ANGULAR RESOLUTION BEYOND THE RAYLEIGH LIMIT
COLORIMETRIC DESCRIPTION OF RADIATION EMERGING FROM THE TOP OF A RAYLEIGH ATMOSPHERE

AFOSR66-1697
AFCLR67-0266
AFCLR67-0022
AFOSR67-2082
AFOSR66-1451
AFCLR67-0061
AFCLR66-0090

RAYLEIGH-SCATTERED

ROCKET-BORNE INSTRUMENTATION TO DETERMINE AIR DENSITY BY RAYLEIGH-SCATTERED LIGHT

AFCLR66-0065

RAYLEIGH-TAYLOR

THE RAYLEIGH-TAYLOR STABILITY OF CONFINED VISCOUS FLUIDS WITH AN INTERFACE FINAL REPORT JUNE 1967

AFOSR67-1509

RAYS

NUCLEAR GAMMA RAYS FROM SUPERNOVA REMNANTS
STUDIES OF PRIMARY COSMIC RAYS IN THE ENERGY REGION 10-14 EV TO 10-17 EV/BOLIVIAN AIR SHOWER JOINT EXPERIMENT/
HIGH ENERGY INTERACTIONS OF COSMIC RAYS GREATER THAN 1000 EV OBSERVED AT 5200 M ABOVE SEA LEVEL
STUDY OF THERMAL NEUTRON CAPTURE GAMMA RAYS USING A LITHIUM DRIFTED GERMANIUM SPECTROMETER
THE 11-YEAR SOLAR MODULATION OF COSMIC RAYS AS DEDUCED FROM DEC 1967 ENERGIES
MEASUREMENT OF PRIMARY AND ALBEDO COSMIC RAYS ON A POLAR ORBITING SATELLITE
PERPENDICULAR SHOCKS IN A MEDIUM CONTAINING COSMIC RAYS
SOLAR MODULATION AND THE ENERGY DENSITY OF GALACTIC COSMIC RAYS
EFFECT OF THE INTERPLANETARY MAGNETIC FIELD ON THE PROPAGATION OF COSMIC RAYS FINAL REPORT FEB 1968

AFOSR67-1095
AFOSR66-0186
AFOSR66-2860
AFCLR67-0104
AFCLR66-0051
AFOSR67-2526
AFOSR66-2074
AFOSR67-1723
AFCLR66-0219

RE-ARRANGEMENT

COMPENSATION FOR AUDITORY RE-ARRANGEMENT IN THE ABSENCE OF OBSERVER MOVEMENT
COMPENSATION FOR AUDITORY RE-ARRANGEMENT IN HAND-EAR COORDINATION
COMPENSATION FOR AUDITORY RE-ARRANGEMENT FOLLOWING EXPOSURE TO AUDITORY-TACTILE DISCORDANCE
ERRORS IN AUDITORY DIRECTION-FINDING AFTER COMPENSATION FOR VISUAL RE-ARRANGEMENT

AFOSR67-1234
AFOSR67-1725
AFOSR66-0310
AFOSR67-2749

RE-ASSIGNMENT

HAND RE-ASSIGNMENT FOR ANILINE AND ITS DERIVATIVES THE MIGRATION /SPECTROSCOPIC/ MOMENT OF THE AMINO GROUPS

APL 67-0222

RE-ATTACHING

INSTABILITY OF RE-ATTACHING FLOWS

AFOSR66-0626

RE-ENTRAINMENT

THE DURATION OF RE-ENTRAINMENT OF CIRCADIAN RHYTHMS AFTER PHASE SHIFTS OF THE ZEITGEBER

AFOSR67-2499

RE-ENTRY

A FACILITY FOR BLUNT BODY RE-ENTRY FLOW SIMULATION
EFFECT OF ATTACHING ADDITIVES FOR THE MODIFICATION OF RE-ENTRY PLASMAS

APL 66-1126
AFCLR67-0214

RE-EXAMINATION

RE-EXAMINATION OF THE SOURCE COUNTS FOR THE 3C REVISED CATALOGUE

AFOSR66-1067

RE-EXAMINATION OF THE THEORETICAL INTERPRETATIONS OF THE SPECTRA OF CRYSTALLINE BENZENE AND NAPHTHALENE

AFOSR68-2483

RE-REFLECTED

EVIDENCE FOR RE-REFLECTED SHOCK WAVES FROM CONVERGENT CYLINDRICAL CHANNELS

AFOSR68-0459

REACH

DEVELOPMENT OF A BALLOON TO REACH 60 000 FEET AT 2 000 FEET PER MINUTE FINAL REPORT DEC 1967

AFCLAR-0087

REACTING

NOZZLE FLOW OF A CHEMICALLY REACTING AND A RADIATING IONIZED GAS
 INTERACTION OF A CHEMICALLY REACTING LAMINAR BOUNDARY LAYER AND AN ABLATING SURFACE PART I ANALYSIS
 TRANSONIC APPROXIMATIONS FOR REACTING MIXTURES
 REACTIONS OF METHANE IN SLOWLY REACTING HYDROGEN-OXYGEN MIXTURES
 SMALL PERTURBATION THEORIES FOR SINGLY REACTING MIXTURES
 FLAME PROPAGATION ALONG THE INTERFACE BETWEEN A GAS AND A REACTING MEDIUM
 COMBUSTION GAS FINITE RADIATION AND CHEMILUMINESCENCE PHENOMENA IN SOLID-GAS REACTING SYSTEMS FINAL REPORT APRIL 1967
 ON STRONG SMALL PERTURBATION SOLUTIONS FOR STEADY SUPersonic FLOWS OF INERT OR REACTING MIXTURES

AFOSR67-1397
 ARL 68-0029
 AFOSR67-0470
 AFOSR68-2137
 AFOSR68-1397
 AFOSR67-2691
 AFOSR67-1798
 AFOSR67-1032

REACTION

REACTION POSITIVE KADON-PROTON INTERACTIONS AT 2.26 MEV/C
 REACTION OF K PLUS PARTICLES WITH PROTONS INTO NEUTRAL K PLUS POSITIVE PION PLUS PROTONS AT 1.26 MEV/C
 REACTION RATE STUDIES OF GASEOUS UNIMOLECULAR ISOMERIZATIONS FINAL REPORT OCT 1967
 REACTION MECHANISMS AND KINETICS IN SOLID PHASE REACTIONS FROM 1500-3000 DEGREES C
 REACTION KINETICS IN DIFFERENT TYPES OF DEFLAGRATIONS FINAL REPORT OCT 1968
 REACTION AMPLITUDES FOR PSEUDOSCALAR MESONS ON SPIN-HALF FERMIONS IN FOURTH-ORDER PERTURBATION THEORY
 REACTION MATRIX ELEMENTS FOR CLOSED-SHELL NUCLEI USING REALISTIC FORCES
 REACTION OF ETHYL WITH ISOBUTYL AND T-BUTYL FREE RADICALS
 REACTION S SUPPER 36 /P, GAMMA /C1 SUPPER 37 AND PROPERTIES OF C1 SUPPER 37
 THE REACTION OF CYCLOPROPYL KETONES WITH PHOSPHORUS PENTACHLORIDE
 THE REACTION OF MOLECULES IN EXCITED ELECTRONIC STATES WITH PARAMAGNETIC GASES FINAL REPORT FEB 1967
 THE REACTION OF PHENYL/TRIHALOMETHYL/MERCURIALS WITH HEXAMETHYLOITIN THE FIRST CASE OF DIMALOCARBENE INSERTION INTO A
 THE REACTION OF CHLOROSULFONYL ISOCYANATE WITH BRIDGED BI- AND TRICYCLIC OLEFINS
 THE REACTION OF HYDRAZINE AND CHLORINE PENTAFLOURIDE IN A LABORATORY ROCKET COMBUSTOR
 THE REACTION OF NITRIC OXIDE WITH TRIPHENYLMETHYLPEROXY RADICAL
 A NEW REACTION OF THIONYL CHLORIDE WITH A CARBOXYLIC ACID IN THE PRESENCE OF A TERTIARY AMINE AN X-RAY
 CHOICE REACTION TIME AN ANALYSIS OF THE MAJOR THEORETICAL POSITIONS
 DIRECT REACTION ANALYSIS OF THE BORDON-ELEVEN /PROTON ALPHA/ BERYLLIUM-EIGHT REACTION
 ON THE REACTION OF CH SUB 4 WITH CO SUB 2
 ON THE REACTION OF OSUB 16 WITH CYCLOHEXANE
 ON THE REACTION COMPLEX OF THE CSUB 13SUB 8 PLUS CSUB 13SUB 8 ION-MOLECULE REACTION
 OPTIMIZED REACTION LOCATIONS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCEPULTUS AND THE BEETLE ZOPHOBAS
 OPTIMIZED REACTION LOCATIONS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCEPULTUS AND THE BEETLE ZOPHOBAS
 RADICAL-IONIC REACTION MECHANISMS HOMOLYSIS OF THE CARBONIUM ION T-BUTYL TROPENIUMPERACETATE
 ATOMIC SILICON REACTION WITH TRIMETHYLSILANE
 CYCLOPROPANONES X REACTION OF 2,2-DIMETHYLCYCLOPROPANONE AND N-METHYLPYRROLE A NEW ENTRY INTO THE TROPINONE SERIES
 OXYPROXIDASE /THE REACTION OF FERROPEROXIDASE WITH OXYGEN/
 CYCLOPROPANONES VI REACTION OF CYCLOPROPANONE WITH AMINES
 HEMOGLOBIN AND ITS REACTION WITH LIGANDS
 THE COPPER-CATALYZED REACTION OF BENZONORADIANE WITH BENZOYL PEROXIDE AND T-BUTYL PEROXIDE NUCLEAR MAGNETIC
 ISOTOPE EFFECT IN THE REACTION OF HD WITH HARE GASES
 ENERGY DISTRIBUTION IN REACTION PRODUCTS THE PHOTOLYSIS OF CYCLOHUTANONE
 INHIBITION OF THE THERMAL REACTION BETWEEN HYDROGEN AND OXYGEN FINAL REPORT DEC 1966
 INTERPRETATION OF THE SLOW REACTION AND SECOND LIMIT OF HYDROGEN PLUS OXYGEN MIXTURES BY COMPUTER METHODS
 NUCLEAR SPECTROSCOPY BY P-7 REACTION
 THE CARBON-13 PROTON-NEUTRON REACTION NEAR THRESHOLD
 KINETICS OF OSMIUM-CATALYZED REACTION BETWEEN CERIUM(IV) AND ARSENIC(III) IN SULFURIC ACID MEDIUM
 KINETICS AND MECHANISM OF THE REACTION OF TRIPHENYLPHOSPHINE WITH ALPHA-HALOACETOPHENONES
 FREQUENCY IN THE SILANE-OZONE REACTION
 HALOMETHYL-METAL COMPOUNDS X THE REACTION OF ORGANOSILICON ORGANOGERMANIUM AND ORGANOTIN HYDRIDES WITH
 TRACE DETERMINATION OF OXYGEN BY REACTION WITH PENTACYANOCOBALTATE /II/ COUPLED TO COORDINATION CHAIN
 HALOMETHYL METAL COMPOUNDS IX THE REACTION OF PHENYL ARMODICHLOROMETHYL MERCURY WITH ALCOHOLS
 INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE - PART I KINETIC RESULTS
 INHIBITION OF THE HYDROGEN OXYGEN REACTION BY ETHYLENE PART II DISCUSSION AND EVALUATION OF VELOCITY CONSTANTS
 POLARIZATION AND ASYMMETRY IN THE REACTION DEUTERON SCATTERING FROM HELIUM-THREE YIELDING A PROTON PLUS HELIUM-FOUR
 INHIBITION OF THE HYDROGEN-OXYGEN REACTION BY ALKYL SILANES
 HALOMETHYL-METAL COMPOUNDS VII THE REACTION OF PHENYL /BROMODI /BROMOMETHYL/ MERCURY WITH CARBOXYLIC ACIDS
 THE NATURE OF THE PRODUCT FROM THE REACTION BETWEEN OCTACARAD /COBALT AND HIS /TRIFLUOROMETHYL/ DIETHYLENE
 COMPLEX MIXING MODELS FOR CHEMICAL REACTION SYSTEMS FINAL REPORT MAY 1967
 COMPREHENSIVE FORMALISM FOR NUCLEAR REACTION PROBLEMS I DERIVATION OF EXISTING REACTION THEORIES
 KINETIC ISOTOPE EFFECTS AND ORGANIC REACTION MECHANISMS
 HALOMETHYL-METAL COMPOUNDS VIII THE REACTION OF PHENYL /TRIHALOMETHYL/ MERCURY COMPOUNDS WITH HYDROGEN CHLORIDE
 REACTIONS IN FROZEN SOLUTIONS VI THE REACTION OF ETHYLENE CHLOROHYDRIN WITH HYDROXYL ION IN ICE
 BY-PRODUCTS OF THE ROBINSON ANNEALATION REACTION WITH CYCLO-HEXANONE CYCLOPENTANONE AND CYCLOPENTANE-1 2-DIONE
 FIRST LIMIT OF THE HYDROGEN AND OXYGEN REACTION IN VESSELS COATED WITH BARIUM BROMIDE
 1 2- AND 1 4-ADDITION PRODUCTS FROM THE REACTION OF BENZYL MAGNESIUM CHLORIDE AND TRANS-ALPHA-PHENYLCHALCONE
 1 3-ASYMMETRIC INDUCTION IN A TRANSAMINATION REACTION
 GENERAL FORMULATION AND NUMERICAL SOLUTION OF REACTION RATE PROBLEMS
 PERMORINDAN DERIVATIVES IX THE DIELS-ALDER REACTION WITH 7-METHYLDIENE DERIVATIVES
 A STUDY OF THE PHOTOCHEMICAL HYDROGEN-FLUORINE REACTION FINAL REPORT FEB 1967
 THE CONCEPT OF A MEAN TEMPERATURE IN THE FLAME REACTION ZONE
 EFFECT OF TRANSLATIONAL ENERGY ON ION-MOLECULE REACTION RATES
 METHOD OF CREATING A CONTROLLED NUCLEAR FUSION REACTION
 NITROGEN-14/NITROGEN-14 NITROGEN-13/NITROGEN-15 REACTION AT LOW ENERGIES AND THE ELASTIC SCATTERING OF NITROGEN-16 BY
 PROPERTIES OF SOME EXCITED STATES IN CISUPPER35 REACTION
 DIFFERENTIAL ALPHA POTENTIALS FOR D0 ALPHA REACTION CALCULATIONS BY THE DISTORTED-WAVE BORN APPROXIMATION
 QUANTUM-MECHANICAL CALCULATIONS ON THE NO PLUS O REACTION FINAL REPORT FEB 1968
 A NON-LOCAL MODEL T-MATRIX IN A QUASI-THREE-BODY REACTION
 ANALOG STATES THROUGH THE SSUPPER36/P, GAMMA/CISUPPER37 REACTION
 THE DISTORTED WAVE T-MATRIX APPROXIMATION FOR THE /P 2P/ REACTION
 KINETICS OF REACTIONS IN FROZEN SOLUTIONS DEMONSTRATION OF A REACTION IN FROZEN AQUEOUS SOLUTIONS
 LEVELS IN CISUPPER37 FROM THE SSUPPER36 /P, GAMMA /CISUPPER37 REACTION
 PROPERTIES OF CISUPPER 37 FROM THE SSUPPER 36 P, GAMMA CISUPPER 37 REACTION
 INTERPRETATION OF INDUCTION PERIODS IN THE HYDROGEN PLUS PLUS OXYGEN REACTION IN ACID BORIC-ACID-COATED VESSELS
 ON THE REACTION COMPLEX OF THE CSUB 13SUB 8 PLUS CSUB 13SUB 8 ION-MOLECULE REACTION
 PROPERTIES OF C1 SUPPER 37 FROM THE S SUPPER 36 P, GAMMA C1 SUPPER 37 REACTION
 RESONANCE LEVELS IN P SUPPER 30 FROM THE S1 SUPPER 29 P, P S1 SUPPER 24 REACTION
 DIRECT REACTION ANALYSIS OF THE BORDON-ELEVEN /PROTON ALPHA/ BERYLLIUM-EIGHT REACTION
 PROPERTIES OF LEVELS IN VSUPPER 47 FROM THE TSUPPER 46 P, GAMMA VSUPPER 47 REACTION
 PROPERTIES OF P SUPPER 30 LEVELS FROM THE S1 SUPPER 29 P, GAMMA/P SUPPER 30 REACTION, I
 COMPREHENSIVE FORMALISM FOR NUCLEAR REACTION PROBLEMS I DERIVATION OF EXISTING REACTION THEORIES
 DEVELOPMENT OF A HIGH-RESOLUTION TIME-OF-FLIGHT MASS SPECTROMETER FOR ION-MOLECULE REACTION STUDIES
 ORGANOLITHIUM COMPOUNDS AND ACETYLENES IV SEQUENCE OF ADDITION-METALATION IN THE REACTION OF ORGANOLITHIUM COMPOUNDS

AFOSR67-2324
 AFOSR67-2340
 AFOSR67-2449
 AFOSR68-0841
 AFOSR68-2638
 AFOSR68-2747
 AFOSR68-2782
 ARL 68-0033
 ARL 68-0148
 AFOSR67-0029
 AFOSR67-0280
 AFOSR67-1658
 AFOSR68-0664
 AFOSR68-1294
 AFOSR68-2868
 AFOSR67-2857
 AFOSR67-1604
 AFOSR68-2218
 ARL 67-0152
 ARL 68-0081
 ARL 68-0127
 AFOSR67-1344
 AFOSR68-1891
 AFOSR67-0220
 AFOSR68-2898
 AFOSR68-2449
 AFOSR67-1606
 AFOSR67-2226
 AFOSR68-0922
 AFOSR68-0708
 AFOSR67-0752
 AFOSR68-0043
 AFOSR67-0676
 AFOSR68-1272
 ARL 68-1094
 AFOSR67-2307
 AFOSR68-0366
 AFOSR68-0495
 ARL 68-0191
 AFOSR67-1133
 AFOSR67-2654
 AFOSR67-0201
 AFOSR67-0563
 AFOSR67-0566
 AFOSR68-0358
 AFOSR68-2664
 AFOSR67-0049
 AFOSR67-0604
 AFOSR67-2723
 AFOSR67-0449
 AFOSR67-0916
 AFOSR67-1295
 AFOSR67-0089
 AFOSR67-1428
 AFOSR67-1990
 AFOSR67-2422
 AFOSR67-2783
 AFOSR68-1624
 AFOSR68-2491
 AFOSR67-1786
 AFOSR68-0131
 ARL 67-0026
 ARL 67-1199
 AFOSR68-0128
 ARL 67-1036
 ARL 68-1485
 AFOSR68-0137
 AFOSR68-2533
 ARL 68-0128
 AFOSR67-0505
 AFOSR67-0090
 ARL 67-1034
 ARL 68-1209
 AFOSR68-1275
 ARL 68-0127
 ARL 68-1339
 ARL 68-1337
 AFOSR68-2218
 ARL 68-1200
 ARL 67-0182
 AFOSR67-0849
 ARL 67-1107
 AFOSR68-2066

REACTION

- CONTINUED

PROPERTIES OF SUPPERIL LEVELS DETERMINED FROM THE SUPPERIL /P.GAMMA /SUPPERIL REACTION
PHOTOCHEMICAL CYCLOUTANOL FORMATION OF AN ARYL KETONE THE SCOPE AND MECHANISM OF THE REACTION
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS III THE REACTION OF ALKYL
HALOMETHYL-METAL COMPOUNDS XIV THE MECHANISM OF THE PHENYL /BROMODICHLOROMETHYL/ MERCURY-OLEFIN REACTION
HALOMETHYL-METAL COMPOUNDS XV FURTHER STUDIES OF THE ARYL /BROMODICHLOROMETHYL/ MERCURY-OLEFIN REACTION
MECHANISMS OF REACTIONS OF THIOL/SULFINATES /SULFENIC ANHYDRIDES/ I THE THIOL/SULFINATE-SULFINIC ACID REACTION
EVIDENCE FOR THE PARTICIPATION OF THE REDUCTIVE PENTOSE PHOSPHATE CYCLE IN PHOTOREDUCTION AND THE OXYHYDROGEN REACTION

ARL 67-1040
AFOSR67-2627
AFOSR67-0707
AFOSR67-2491
AFOSR68-2805
AFOSR67-2010
AFOSR68-1700

REACTION-RATE

A TECHNIQUE FOR SOLVING THE GENERAL REACTION-RATE EQUATIONS IN THE ATMOSPHERE

AFCHL67-0921

REACTIONS

REACTIONS OF D PLUS ONE IONS IN HELIUM-OXYGEN AND HELIUM-OXYGEN-NITROGEN MIXTURES FINAL REPORT SEPT 1966
REACTIONS OF ACETYLENIC KETONES AND AN ALDEHYDE WITH PHOSPHORUS PENTACHLORIDE
REACTIONS IN FROZEN SOLUTIONS VI THE REACTION OF ETHYLENE CHLOROHYDRIN WITH HYDROXYL ION IN ICE
REACTIONS TO STRESS FINAL REPORT JAN 1967
REACTIONS OF ALKALI METAL DERIVATIVES OF METAL CARBONYLS VIII PREPARATION PROTONATION AND ALKYLATION OF SODIUM
REACTIONS OF DIPLURAMINE WITH LEWIS ACIDS
REACTIONS OF FREE RADICALS FINAL REPORT OCT 1967
REACTIONS CATALYZED BY PENTACYANOCHROMATE /II/
REACTIONS OF PHENYL CARBONYL DERIVATIVES WITH ANTIMONY PENTACHLORIDE
REACTIONS IN LIQUIDS AT CRITICAL CONDITIONS - DECOMPOSITION OF BENZOYL PEROXIDE
REACTIONS OF METHANE IN SLOWLY REACTING HYDROGEN-OXYGEN MIXTURES
REACTIONS OF HYDROGEN AND DEUTERIUM POSITIVE IONS IN HYDROGEN AND DEUTERIUM GASES
REACTIONS OF CARBON VAPOR IV REACTIONS OF METASTABLE CARBON ATOMS /SUPER I S/ WITH OLEFINS SUPER 1,2
REACTIONS OF ORGANOSILICON FREE RADICALS
ION REACTIONS IN MATRICES FINAL REPORT FEB 1967
THE REACTIONS OF ETHYL AND ETHOXY-CHLOROMETHYLBORNORNENE WITH SODIUM
GAS REACTIONS OF 1-BUTOXY RADICALS EFFECTS OF VISCOSITY AND OF INTERVENING MOLECULES
FAST REACTIONS IN SOLUTION
IONIC REACTIONS OF UNSATURATED COMPOUNDS. I. POLYMERIZATION OF ACETYLENE
IONIC REACTIONS IN UNSATURATED COMPOUNDS. III. PROPYLENE AND THE ISOMERIC RUTENES
IONIC REACTIONS IN UNSATURATED COMPOUNDS. II. ETHYLENE
IONIC REACTIONS IN ETHYL CHLORIDE
IONIC REACTIONS IN ETHYL CHLORIDE
IONIC REACTIONS IN THE RADIOLYSIS OF ETHYL CHLORIDE
IONIC REACTION IN ETHYL CHLORIDE
DIRECT REACTIONS AND THE SHEL MODEL
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES III THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH OXYGEN
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES II THE STRUCTURE OF THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES
CHEMICAL REACTIONS IN MINUTHERMAL FIELDS
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES FINAL REPORT APRIL 1968
GAS-PHASE REACTIONS FINAL REPORT APRIL 1967
KINETICS OF REACTIONS IN FROZEN SOLUTIONS DEMONSTRATION OF A REACTION IN FROZEN AQUEOUS SOLUTIONS
SOLID-STATE REACTIONS IN SOLID PROPELLANT IGNITION AND COMBUSTION FINAL REPORT OCT 1968
ION-MOLECULE REACTIONS IN FLAMES FINAL REPORT AUG 1968
ION-MOLECULE REACTIONS IN PROPANE
ION-MOLECULE REACTIONS IN SELECTED CHLOROCARBON COMPOUNDS
ION-MOLECULE REACTIONS IN ETHYLENE
ION-MOLECULE REACTIONS IN THE ISOMERIC RUTENES
ION-MOLECULE REACTIONS IN ALCOHOLS
ION-MOLECULE REACTIONS BY ION CYCLOTRON RESONANCE TECHNIQUE
ION-MOLECULE REACTIONS
ION-MOLECULE REACTIONS IN PROPANE
ION-MOLECULE REACTIONS OF PROPYLENE AND BUTENE
ION-MOLECULE REACTIONS IN ALKYL HALIDES
ION-MOLECULE REACTIONS OF PROPANE IONS WITH BENZENE, 1,3-BUTADIENE, HYDROGEN SULFIDE, AND NITRIC OXIDE
ION-MOLECULE REACTIONS
ION-MOLECULE REACTIONS IN ALKYL HALIDES II. METHYL AND ETHYL BROMIDES
ION-MOLECULE REACTIONS IN NORMAL ALKANES. HYDRIDE ION TRANSFER.
ION-MOLECULE REACTIONS
MECHANISMS OF REACTIONS OF THIOL/SULFINATES /SULFENIC ANHYDRIDES/ I THE THIOL/SULFINATE-SULFINIC ACID REACTION
CYCLOADDITION REACTIONS OF 3,3-DIMETHYLCYCLOPROPANONE
PHOTOSYNTHETIC REACTIONS OF CHLOROPHYSTS WITH UNUSUAL STRUCTURES
ION POLAR MOLECULE REACTIONS/ ENERGY DEPENDENCY OF HYDROGEN ATOM AND ION TRANSFER IN THE METHANOL-ACETALDEHYDE SYSTEM
ION RADICALS XI THE REACTIONS OF THIOXANTHENE AND THIOXANTHENE 10-OXIDE IN SULFURIC ACID
OXIDATION-REDUCTION REACTIONS OF ORGANIC SULFUR COMPOUNDS FINAL REPORT JAN 1967
PHOTO-INDUCED REDOX REACTIONS
CHINESE ATTITUDINAL REACTIONS TO FORCED COMPLIANCE A CROSS-CULTURAL EXPERIMENT IN THE THEORY OF COGNITIVE DISSONANCE
CYCLOPROPANONES--IX REACTIONS OF ACIDS AND AMINES WITH CYCLOPROPANONE AND SOME ALKYL CYCLOPROPANONES
ION RADICALS XII THE REACTIONS OF DIARYL SULFIDES AND SULFOXIDES OF BENZENE THIOL/SULFINATE AND BENZENESULFINIC ACID IN
HYDROGEN-ABSTRACTION REACTIONS OF ETHYL RADICALS FROM METHYLAMINES AND HYDRAZINE
HYDRIDE ION TRANSFER REACTIONS IN HYDROCARBON SYSTEMS
NEGATIVE ION-MOLECULE REACTIONS IN SINGLE INORGANIC SYSTEMS
STUDIES OF UNIMOLECULAR REACTIONS OF TRIATOMIC MOLECULES
CONSECUTIVE ION-MOLECULE REACTIONS IN METHANE INVESTIGATED BY MEANS OF POSITIVE ION-IMPACT
CONSECUTIVE ION-MOLECULE REACTIONS IN REACTIVE SYSTEMS
OXYSTEREOMER FORMATION AND REACTIONS
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS II EVIDENCE FOR COMPETITIVE
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS III THE REACTION OF ALKYL
MOLECULAR CHARGE TRANSFER REACTIONS
MOLECULAR CHARGE TRANSFER REACTIONS
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR II CONCOMITANT ELECTROPHILIC AND NUCLEOPHILIC CATALYSIS OF THE
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR I SOLVOLYSIS OF ARYL SULFINYL SULFONES IN ACETIC ACID-WATER
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR IV THE HYDROLYSIS OF SULFINYL SULFONES /SULFINIC ANHYDRIDES/
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR V HALIDE AND ACETATE ION CATALYSIS OF THE SOLVOLYSIS OF
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XL STERIC HINDRANCE TO ENERGY TRANSFER
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION STUDY OF ENERGY TRANSFER BY KINETIC SPECTROPHOTOMETRY
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVIII REARRANGEMENT OF PHENYLVINYL CYCLOPROPANES
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVII CYCLIZATION OF COMPOUNDS CONTAINING PHENYL AND CONJUGATED
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LII PHOTOREDUCTION OF CAMPHORQUINONE
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LIV A NEW MECHANISM FOR PHOTOSENSITIZATION
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LV NAPHTHALENE-SENSITIZED PHOTOCHEMICALIZATION OF SULFOXIDES
TRAPPING STATES IN STRIPPING REACTIONS
REACTIONS OF CARBON VAPOR IV REACTIONS OF METASTABLE CARBON ATOMS /SUPER I S/ WITH OLEFINS SUPER 1,2
RADIATION DAMAGE AND CHEMICAL REACTIONS INDUCED IN CRYSTALLINE SOLIDS BY HIGH-ENERGY PROTON BOMBARDMENT FINAL REPORT
RECENT STUDIES OF GASEOUS ION REACTIONS
INVESTIGATION OF NEGATIVE ION REACTIONS AT ELEVATED PRESSURES IN A TIME-OF-FLIGHT MASS SPECTROMETER
KINETICS OF ATOMIC ASSOCIATION REACTIONS USING FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE FINAL REPORT NOV 1968
ISOTOPE EFFECTS IN ION-MOLECULE REACTIONS
ORGANOPHOSPHORUS CHEMISTRY IV THE REACTIONS OF TRIALKYL PHOSPHITES WITH ALPHA-HALO KETONES
HIGH-ENERGY BINDING FOR PRODUCTION REACTIONS
DISPROPORTIONATION AND COMBINATION REACTIONS OF SINGLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL AND ISOPROPYL

AFCHL67-0092
AFOSR67-0030
AFOSR67-0080
AFOSR67-0530
AFOSR67-0602
AFOSR67-1991
AFOSR67-2386
AFOSR68-0503
AFOSR68-0687
AFOSR68-1222
AFOSR68-2137
AFOSR68-2628
AFOSR68-2900
ARL 67-1168
AFOSR67-0689
AFOSR68-0435
AFOSR68-0436
AFOSR68-2421
ARL 68-0041
ARL 68-0138
ARL 68-0192
ARL 68-0195
ARL 68-1080
ARL 68-1121
ARL 68-1122
ARL 67-1177
AFOSR67-0685
AFOSR67-0671
AFOSR67-1898
AFOSR68-1204
AFOSR68-1757
AFOSR67-0919
AFOSR67-0090
AFOSR68-2207
AFOSR68-1923
ARL 67-0172
ARL 67-1105
ARL 67-1108
ARL 67-1133
ARL 67-1165
ARL 67-1169
ARL 67-1170
ARL 67-1244
ARL 67-1246
ARL 67-1257
ARL 68-0058
ARL 68-0324
ARL 68-1119
ARL 68-1120
ARL 68-1231
AFOSR67-2010
AFOSR68-0977
AFOSR68-0496
ARL 68-1331
AFOSR67-0022
AFOSR67-0247
AFOSR67-0396
AFOSR67-0960
AFOSR68-2513
AFOSR67-1636
AFOSR67-2043
ARL 68-1042
ARL 68-1436
ARL 67-1091
AFCHL67-0050
ARL 67-1134
AFOSR67-0062
AFOSR67-0706
AFOSR67-0707
ARL 68-1236
ARL 68-1239
AFOSR67-0031
AFOSR67-0074
AFOSR67-2192
AFOSR68-0711
AFOSR67-0094
AFOSR67-0095
AFOSR68-0257
AFOSR68-0258
AFOSR68-1271
AFOSR68-1828
AFOSR68-1904
AFOSR68-1240
AFOSR68-2900
AFCHL68-0350
ARL 68-1086
ARL 68-1216
AFOSR68-2756
ARL 67-1239
AFOSR67-1703
AFOSR68-2265
ARL 67-0208

REACTIONS

- CONTINUED

| | |
|---|--------------|
| OPTICALLY ACTIVE SILANES AND THEIR REACTIONS- THE PERHYDROMETHYL-L-NAPHTHYL-PHENYLSILYL SYSTEM | ARL 66-0346 |
| MOSBAUER EFFECT STUDIES OF SURFACE REACTIONS FINAL REPORT APRIL | AFOSR67-0923 |
| THE CHEMISTRY OF CARBANIONS XI MICHAEL REACTIONS WITH 2-METHYLCYCLOPENTANONE AND 2-METHYLCYCLOHEXANONE | AFOSR67-1631 |
| LASER TEMPERATURE-JUMP STUDIES OF FAST REACTIONS FINAL REPORT NOV 1967 | AFOSR67-2809 |
| MULTIDENTATE LIGAND KINETICS X EXCHANGE REACTIONS OF METAL /II/-CYCLOHEXYLEDIAMINETETRAACETATE COMPLEXES | AFOSR67-0713 |
| THERMAL EFFECTS OF COMPOSITE-PROPELLANT REACTIONS | AFOSR66-0843 |
| MIGRATION OF CATIONS IN TWO SOLID-STATE REACTIONS | AFOSR66-2841 |
| A CHEMICAL KINETIC STUDY OF SUBSTITUTION REACTIONS IN COORDINATION COMPOUNDS FINAL REPORT JUNE 1966 | AFOSR66-1620 |
| IONIZATION FRAGMENTATION AND ION-MOLECULE REACTIONS OF NH SUB THREE AFTER ION IMPACT | AFOSR66-0078 |
| ON THE QUESTION OF CHARGE SYMMETRY IN O-D REACTIONS | AFOSR67-0966 |
| ULTRATRACE ANALYSIS BY COORDINATION CHAIN REACTIONS FINAL REPORT JULY 1967 | AFOSR67-1706 |
| CHEMICAL IONIZATION MASS SPECTROMETRY VII REACTIONS OF BENZENE IONS WITH BENZENE | AFOSR66-0369 |
| CHEMISTRY OF THE METAL CARBONYLS PART XLV REACTIONS BETWEEN HEXAFLUOROISOBUT-1,3-DIENE AND THE PENTACARBONYL HYDRIDES OF | AFOSR66-1333 |
| MASS SPECTROMETRIC STUDIES OF GASEOUS ION REACTIONS | ARL 66-1108 |
| CHEMISTRY OF THE METAL CARBONYLS PART XLIV REACTIONS OF PENTACARBONYLHYDRATE | AFOSR66-1336 |
| THE ENHANCEMENT OF SHOCK WAVES BY CHEMICAL REACTIONS | ARL 67-1126 |
| MASS SPECTROMETRIC STUDIES OF ION-MOLECULE REACTIONS | ARL 67-1249 |
| OPTICALLY ACTIVE SILICON COMPOUNDS AND THEIR REACTIONS | ARL 67-1248 |
| TURBULENT CONCENTRATION FIELD UNDER CHEMICAL REACTIONS | ARL 66-1471 |
| RESEARCH DIRECTED TOWARD THE STUDY OF CHEMICAL REACTIONS OF EXCITED ATMOSPHERIC SPECIES FINAL REPORT JUNE 1966 | AFOSR66-0466 |
| REACTION MECHANISMS AND KINETICS IN SOLID PHASE REACTIONS FROM 1600-3000 DEGREES C | AFOSR66-0641 |
| INTERMEDIATE COLLISION COMPLEXES IN ION-MOLECULE REACTIONS IN UNSATURATED HYDROCARBONS | ARL 67-1104 |
| MASS SPECTROMETRIC INVESTIGATION OF ION-MOLECULE REACTIONS IN CYCLOHEXANE | ARL 66-0006 |
| KINETICS OF HYDROGEN-OXYGEN AND HYDROCARBON-OXYGEN REACTIONS FINAL REPORT OCT 1966 | AFOSR67-0361 |
| INTERACTION OF BEHAVIORAL AND PHYSIOLOGICAL STRESS REACTIONS | AFOSR66-2706 |
| TANDER MASS SPECTROMETER FOR STUDY OF ION-MOLECULE REACTIONS FINAL REPORT MAY 1967 | ARL 67-0908 |
| A SIGNIFICANT ADVANCE IN THE STUDY OF ION-MOLECULE REACTIONS | ARL 66-1049 |
| MASS SPECTROMETRIC STUDIES OF NEGATIVE ION-MOLECULE REACTIONS | ARL 66-1161 |
| TRANSLATION ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS | ARL 66-0306 |
| DETERMINATION OF TRACE METALS USING COORDINATION CHAIN REACTIONS WITH MASKING AGENTS AND WITH AUTOMATED RATE | AFOSR67-0663 |
| TRANSLATIONAL ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS | ARL 66-1053 |
| ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XX SOME REACTIONS OF ACETONITRILE DERIVATIVES OF MOLYBDENUM AND | AFOSR67-1573 |
| CONVECTIVE DIFFUSION LIMITATIONS ON THE RATES OF CHEMICAL REACTIONS AT SOLID SURFACES--KINETIC IMPLICATIONS | AFOSR67-2296 |
| MASS SPECTROMETRIC INVESTIGATION OF H ₂ AND H ₂ SO ₄ TRANSFER REACTIONS OF HYDROCARBON IONS | ARL 67-0110 |
| DETERMINATION OF NUCLEAR LEVEL PROPERTIES WITH PROTON CAPTURE REACTIONS | ARL 66-1208 |
| VIBRATIONAL ENERGY TRANSFER COLLISIONAL QUENCHING OF COMPETITIVE UNIMOLECULAR REACTIONS | AFOSR66-1967 |
| A MODIFIED TIME-OF-FLIGHT MASS SPECTROMETER FOR HIGH PRESSURE STUDIES OF IONIC REACTIONS | ARL 67-1131 |
| MODIFICATION OF A TIME-OF-FLIGHT MASS SPECTROMETER FOR INVESTIGATION OF ION-MOLECULE REACTIONS AT ELEVATED PRESSURES | ARL 66-0006 |
| EFFECTS OF THE STEFAN-HUSSELT FLOW ON THE APPARENT KINETICS OF HETEROGENEOUS CHEMICAL REACTIONS IN FORCED CONVECTION | AFOSR67-0468 |
| STRONG INITIAL- AND FINAL-STATE INTERACTIONS IN NONHOMOGENEOUS HYPER-NUCLEAR DECAYS AND IN PARITY-VIOLATING REACTIONS | AFOSR67-2020 |
| STUDIES IN STEREOCHEMISTRY XXXVIII OPEN-CHAIN VS CYCLIC MODELS FOR 1,3-ASYMMETRIC INDUCTION IN ADDITION REACTIONS | AFOSR66-2443 |
| HALOMETHYL-METAL COMPOUNDS VI PHENYL /DIBROMOMETHYL/ MERCURY COMPOUNDS THEIR PREPARATION AND SOME CLEAVAGE REACTIONS | AFOSR67-0111 |
| REACTIVE | |
| REACTIVE INTERMEDIATES AND POTENTIAL CATALYSTS FINAL REPORT FEB 1967 | AFOSR67-0412 |
| REACTIVE INTERMEDIATES IN THE BICYCLO /3,1,0/ HEXYL AND BICYCLO /3,1,0/ HEXYLIDENE SYSTEMS IV THE FREE-RADICAL | AFOSR66-1322 |
| REACTIVE STATE IN THE PHOTOREDUCTION OF ACRIDINE IN ETHANOL | ARL 66-0120 |
| THE REACTIVE LIBRARY | AFOSR66-0948 |
| INVESTIGATION OF REACTIVE LOADING FINAL REPORT JAN 1968 | AFOSR66-0040 |
| ORGANOMETALLIC SYNTHESIS OF REACTIVE INTERMEDIATES FINAL REPORT JAN 1968 | AFOSR66-0157 |
| CONSECUTIVE ION-MOLECULE REACTIONS IN REACTIVE SYSTEMS | ARL 67-1134 |
| OPTIMOTOR REACTION LOCOMOTOR BIAS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCOPELTUS AND THE BEETLE ZOPHOBAS | AFOSR67-1344 |
| OPTIMOTOR REACTION LOCOMOTOR BIAS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCOPELTUS AND THE BEETLE ZOPHOBAS | AFOSR66-1691 |
| REACTIVITY | |
| REACTIVITY CHANGES IN THE CENTRAL NERVOUS SYSTEM CONCOMITANT WITH CHRONIC FEAR AND FOOD DEPRIVED STATES | AFOSR66-0663 |
| PHOTOCHEMICAL REACTIVITY | AFOSR67-2616 |
| ORIENTATION AND REACTIVITY IN FREE RADICAL AROMATIC SUBSTITUTION FINAL REPORT APRIL 1967 | AFOSR67-1659 |
| THE MASKING OF LIGAND REACTIVITY BY COORDINATION | AFOSR67-2696 |
| SYNTHESIS AND SOLVOLYTIC REACTIVITY OF ENDO-ANTI- AND ENDO- SYN-8-TRICYCLO[3.2.1.0 ^{2,5}] 4/OCTANE DERIVATIVES. EXTENSIVE | AFOSR66-0730 |
| RELATION BETWEEN ETHNIC ORIGIN AND GSR REACTIVITY IN PSYCHOPHYSIOLOGICAL DETECTION | AFOSR66-2171 |
| THE INTERRELATION BETWEEN THE SI-H STRETCHING FREQUENCY /NU SUB SI-H SI-H/ AND REACTIVITY IN THE OZONE-HYDROSILANE | ARL 66-1066 |
| REACTOR | |
| CAVITY REACTOR WITH EXTERNAL SEPARATOR | ARL 66-1306 |
| CAVITY REACTOR WITH TWO STAGE SEPARATION | ARL 66-1396 |
| THE COLLOIDAL GAS CORE REACTOR | ARL 66-1394 |
| AN ELECTRODYNAMIC FUSION REACTOR | ARL 66-1449 |
| REACTORS | |
| STOCHASTIC MIXING MODELS FOR CHEMICAL REACTORS | AFOSR67-2228 |
| READ-OUT | |
| MECHANISMS OF INNATE PATTERN LEARNING MEMORY AND READ-OUT WITHIN SINGLE NEURONS FINAL REPORT DEC 1967 | AFOSR67-2633 |
| READING | |
| EDUCATION FOR POLICY ROLES AN ANALYSIS OF LECTURERS AND READING MATERIALS AT SELECTED WAR COLLEGES | AFOSR66-0053 |
| READJUSTMENT | |
| ATOMIC READJUSTMENT TO AN INNER-SHELL VACANCY MANGANESE POTASSIUM X-RAY EMISSION SPECTRA FROM AN IRON 55 POTASSIUM- | AFOSR67-1141 |
| READOUT | |
| INSTRUMENT FOR FUNCTIONAL READOUT OF CHROMOCOLOMETRIC DATA APPLICATION TO CADMIUM ADSORPTION FROM IODIDE MEDIUM | AFOSR67-0760 |
| THE CLOSED LOOP CHARACTERISTICS OF AN AUTOMATIC DIRECT READOUT IMPEDANCE BRIDGE | AFOSR67-0180 |
| REAGENT | |
| BIS /TRIMETHYLSILYL/DICHLOROMETHYL/ MERCURY A NEW AND USEFUL REAGENT IN SYNTHETIC ORGANOSILICON CHEMISTRY | AFOSR66-1883 |
| PREPARATION OF PHENYL-N-SULFINYLHYDRAZINES USING DIMETHYLFORMAMIDE-SULFUR DIOXIDE REAGENT | AFOSR67-1185 |
| REAGENTS | |
| THE ADDITION OF GRIGNARD REAGENTS TO VINYL-SILANES | ARL 66-1067 |
| BASIC RESEARCH ON SYNTHESIS OF NEW PHOSPHORUS-NITROGEN REAGENTS FINAL REPORT MAY 1968 | ARL 66-0101 |
| POLYMERIZED SPECIES FROM 1-PHENYLPROPYNE AND ORGANOLITHIUM REAGENTS | AFOSR67-2423 |
| THE CHEMISTRY OF CARBANIONS XVII THE ADDITION OF METHYL ORGANOMETALLIC REAGENTS TO CYCLOHEXENONE DERIVATIVES | AFOSR66-2487 |
| NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS II EVIDENCE FOR COMPETITIVE | AFOSR67-0706 |
| NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS III THE REACTION OF ALKYL | AFOSR67-0707 |

| | |
|--|--------------|
| THE CHEMISTRY OF CARBANIONS II: THE ROLE OF COPPER IN THE CONJUGATE ADDITION OF ORGANOMETALLIC REAGENTS | AFOSR67-1432 |
| REAL | |
| REAL ENGLISH PROJECT REPORT | AFOSR68-1838 |
| A REAL TIME FOURIER TRANSFORM SYNTHESIZER | AFCL 7-0049 |
| CONSTRUCTIVE REAL ANALYSIS | AFOSR68-0066 |
| CUBIC SPLINES ON THE REAL LINE | AFOSR68-1992 |
| RAYLEIGH SCATTERING BY REAL CHAIN MOLECULES | AFOSR68-1687 |
| A COMPUTER-LINKED RUNWAY FOR REAL TIME OPERATION | AFOSR67-1781 |
| THE FOURTH COEFFICIENT OF A BOUNDED REAL UNIVALENT FUNCTION | AFOSR68-2616 |
| UNIVALENT FUNCTIONS WHOSE FIRST COEFFICIENTS ARE REAL | AFOSR68-2617 |
| JUMPS ACROSS TRANSVERSE IONIZING AND SHOCK WAVES IN REAL HYDROGEN USING A COMPRESSION AS A PARAMETER AN EXPLICIT | ARL 68-0006 |
| OPTIMAL MATCHING A NEW APPROACH TO THE MATCHING PROBLEM FOR REAL LINEAR TIME-INVARIANT ONE-PORT NETWORKS | AFOSR68-2462 |
| INEQUALITIES COMPLEMENTARY TO CAUCHY'S INEQUALITY FOR SUMS OF REAL NUMBERS | AFOSR68-0181 |
| SYNTHESIS OF FINITE PASSIVE N-PORTS WITH PRESCRIBED POSITIVE REAL MATRICES OF SEVERAL VARIABLES | RADC 67-0268 |
| A SHORT-CUT METHOD OF COMPUTING THE BRUNE AND BOTT-DUFFIN CIRCUIT REALIZATIONS OF POSITIVE REAL BI-ORDER IMMITTANCE | AFCL 67-0136 |
| REAL-TIME | |
| ONE-WAY REAL-TIME LIST-STORAGE LANGUAGES | AFCL 67-0078 |
| A SYSTEM TO PERFORM REAL-TIME FOURIER SPECTROSCOPY | AFCL 68-0401 |
| REALISM | |
| REALISM IN LABORATORY SIMULATION MYTH OR METHOD | AFOSR67-1726 |
| REALISTIC | |
| DEUTERON STRIPPING ON A REALISTIC NUCLEUS | AFOSR67-2398 |
| PARTICLE-HOLE STATES IN THE ALPHA PARTICLE WITH REALISTIC FORCES | AFOSR67-1622 |
| REACTION MATRIX ELEMENTS FOR CLOSED-SHELL NUCLEI USING REALISTIC FORCES | AFOSR67-2782 |
| PROPERTIES OF THE $1/\pi$ -DIMENSIONAL SU(4) SUPERMULTIPLETS OF NEGATIVE-PARITY EXCITATIONS OF OXYGEN 16 USING REALISTIC | AFOSR67-2691 |
| REALITY | |
| ON THE PHYSICAL REALITY OF ELECTROMAGNETIC POTENTIALS | AFCL 68-0064 |
| REALIZABILITY | |
| A REALIZABILITY THEORY FOR SMOOTH LOSSLESS TRANSMISSION LINES | AFOSR67-1317 |
| INVESTIGATION OF NETWORK REALIZABILITY II FINAL REPORT FEB 1968 | AFCL 68-0117 |
| NECESSARY CONDITIONS FOR THE REALIZABILITY OF N-PORT RESISTIVE NETWORKS WITH MORE THAN N PLUS 1/2 NODES | AFOSR67-0487 |
| APPLICATION OF GENERALIZED FUNCTION THEORY TO NETWORK REALIZABILITY THEORY AND TIME DOMAIN SYNTHESIS OF POSITIVE-REAL | AFCL 68-0389 |
| REALIZATION | |
| REALIZATION OF STOCHASTIC SYSTEMS | AFOSR67-2231 |
| REALIZATION OF A CLASS OF SWITCHING FUNCTIONS BY THRESHOLD-LOGIC NETWORKS | AFOSR68-1869 |
| REALIZATION OF LIE ALGEBRAS BY ANALYTIC FUNCTIONS OF GENERATORS OF A GIVEN LIE ALGEBRA | AFOSR68-2801 |
| TWO LEVEL REALIZATION OF SWITCHING FUNCTIONS WITH A MINIMUM OF THRESHOLD GATES | AFOSR68-1980 |
| NOTE ON THE REALIZATION OF WHITENED PRODUCTS | AFOSR67-1818 |
| AN ALGORITHM FOR CONSTRUCTING IRREDUCIBLE REALIZATION OF TIME INVARIANT SYSTEMS | AFOSR68-1381 |
| OSCILLATORS MODULATORS AND MIXERS SUITABLE FOR INTEGRATED CIRCUIT REALIZATION | AFOSR67-1178 |
| REALIZATIONS | |
| MINIMUM-STATE REALIZATIONS OF LINEAR TIME-VARYING SYSTEMS | AFOSR68-2043 |
| ON SHIFT-REGISTER REALIZATIONS OF SEQUENTIAL MACHINES | AFOSR67-0422 |
| UNITARY-SHIFT-REGISTER REALIZATIONS OF SEQUENTIAL MACHINES | AFOSR68-1807 |
| OPTIMAL ADAPTIVE FILTER REALIZATIONS FOR SAMPLE STOCHASTIC PROCESSES WITH AN UNKNOWN PARAMETER | AFOSR67-1586 |
| BIOLOGICAL AND PHYSICAL REALIZATIONS OF ABSTRACT METABOLIC MODELS | AFOSR67-1866 |
| ON THE CONSTRUCTION OF IRREDUCIBLE REALIZATIONS | AFOSR68-0236 |
| MINIMAL MULTIPLIED THRESHOLD GATE REALIZATIONS | AFOSR68-2042 |
| ON THE STRUCTURE OF SEQUENTIAL MACHINE REALIZATIONS | AFOSR67-1764 |
| UNIVERSAL LOGIC CIRCUITS AND THEIR MODULAR REALIZATIONS | AFOSR68-1859 |
| A SHORT-CUT METHOD OF COMPUTING THE BRUNE AND BOTT-DUFFIN CIRCUIT REALIZATIONS OF POSITIVE REAL BI-ORDER IMMITTANCE | AFCL 67-0136 |
| REARRANGEMENT | |
| REARRANGEMENT COLLISIONS II ELECTRON EXCITATION OF HE 2 SUPERDIP | AFOSR67-0642 |
| REARRANGEMENT OF CARBONIUM IONS AND FREE RADICALS IN THE BICYCLO (3.1.0) HEXYL SYSTEM | AFOSR67-1582 |
| REARRANGEMENT OF ALLYL PHOSPHINITES AND OPTICAL STABILITY OF ALLYL PHOSPHINE OXIDES | AFOSR68-1892 |
| CORE REARRANGEMENT AND HARTREE-FOCK IONIZATION ENERGIES | AFOSR67-2770 |
| ANIONIC REARRANGEMENT OF HYDRAZINES II ISOMERS OF BIS (ORGANOSILYL) HYDRAZINES | AFOSR67-0208 |
| DYNAMIC REARRANGEMENT OF SYMMETRIES II THE COMPLEX SCALAR FIELD | AFOSR67-1513 |
| SYNTHESIS OF AZO COMPOUNDS BY REARRANGEMENT OF HYDRAZONES | ARL 67-1190 |
| NEW ANIONIC REARRANGEMENTS III CATALYTIC REARRANGEMENT OF ORGANOSILYLHYDRAZINES | AFOSR67-2377 |
| NEW ANIONIC REARRANGEMENTS VIII 1 4-ANIONIC REARRANGEMENT OF SILYLETHYLENEDIAMINES | AFOSR68-1157 |
| MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION ALVII REARRANGEMENT OF PHENYLVINYL CYCLOPROPANES | AFOSR68-0257 |
| NEW ANIONIC REARRANGEMENTS IV KINETICS OF CATALYZED ANIONIC REARRANGEMENT OF BIS (ORGANOSILYL) METHYLHYDRAZINES | AFOSR67-2376 |
| THERMAL RACEMIZATION OF BENZYL P-TOLYL SULFOXIDE AND THERMAL REARRANGEMENT OF BENZYL P-TOLUENESULFONATE | AFOSR68-2498 |
| REARRANGEMENTS | |
| NEW ANIONIC REARRANGEMENTS IV KINETICS OF CATALYZED ANIONIC REARRANGEMENT OF BIS (ORGANOSILYL) METHYLHYDRAZINES | AFOSR67-2376 |
| NEW ANIONIC REARRANGEMENTS III CATALYTIC REARRANGEMENT OF ORGANOSILYLHYDRAZINES | AFOSR67-2377 |
| NEW ANIONIC REARRANGEMENTS VIII 1 4-ANIONIC REARRANGEMENT OF SILYLETHYLENEDIAMINES | AFOSR68-1157 |
| REARWARD | |
| AN EXPERIMENTAL STUDY OF SUPERSONIC FLOW OVER A REARWARD FACING STEP | ARL 67-0031 |
| THE FLOW FIELD AND HEAT TRANSFER DOWNSTREAM OF A REARWARD FACING STEP IN SUPERSONIC FLOW FINAL REPORT MARCH 1967 | ARL 67-0086 |
| NUMERICAL CALCULATION OF THE LOW REYNOLDS NUMBER FLOW OVER A PLUNT WEDGE WITH REARWARD FACING STEP FINAL REPORT JULY | ARL 67-0151 |
| REARWARD-FACING | |
| INVESTIGATION OF FLOW SEPARATION OVER A REARWARD-FACING STEP IN A HYPERSONIC STREAM | ARL 68-0080 |
| HEAT TRANSFER AND RELATED SUPERSONIC FLOW STRUCTURE FOR AERODYNAMIC REARWARD-FACING SURFACE STEPS | ARL 67-1279 |
| REASONING | |
| ON REPRESENTATIONS OF PROBLEMS OF REASONING ABOUT ACTIONS | AFOSR68-1327 |

REASSIGNMENT
REASSIGNMENT OF THE LUMINESCENCE FROM RUTHENIUM π/π^* COMPLEXES AFOSR67-2632

REBUTTAL
REBUTTAL - VENUS ICE SHEETS AFOSR68-2103

RECALCULATION
RECALCULATION OF FORCE CONSTANTS IN CARBON AND SILICON COBALT TETRACARBONYLS AFOSR68-1783

RECALL
THE RANCHMUND PHENOMENON FAILURES OF IMMEDIATE RECALL CORRELATED WITH REPETITION OF ELEMENTS WITHIN A STIMULUS AFOSR67-1829

RECEIVED
IMPEDANCE-LOADED RECEIVING ANTENNAS WITH MINIMUM BACKSCATTERING AND MAXIMUM RECEIVED POWER AFCL68-0583

RECEIVER
RECEIVER OPERATING CHARACTERISTICS DETERMINED UNDER SEVERAL INTERFERENTIAL CONDITIONS OF LISTENING
JSSG-SPACED RECEIVER MEASUREMENTS FINAL REPORT APR 1968 AFOSR67-1561
A FAST RECOVERY PROBE AND RECEIVER FOR PLASMA AND NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY AFCL68-0365
AFOSR68-0931

RECEIVERS
ON THE PERFORMANCE CHARACTERISTICS OF MAXIMUM LIKELIHOOD DIVERSITY-ARRAY RECEIVERS AFOSR68-1800

RECEIVING
IMPEDANCE-LOADED RECEIVING ANTENNAS WITH MINIMUM BACKSCATTERING AND MAXIMUM RECEIVED POWER AFCL68-0583
OPTIMIZATION OF THE DETECTABILITY OF ARRAY RECEIVING SYSTEMS AFOSR68-1180
DEVELOPMENT OF TECHNIQUES FOR THE DESIGN AND FABRICATION OF SEISMIC MODEL RECEIVING TRANSDUCERS FINAL REPORT DEC 1968 AFCL68-0650
CALCULATION OF ELECTROMAGNETIC FIELDS IN THE FOCAL REGIONS OF A PARABOLOID RECEIVING OFF AXIS FINAL REPORT AUG 1967 AFCL67-0484

RECENT
RECENT PSYCHOLOGICAL RESEARCH RELEVANT TO THE HUMAN FACTORS ENGINEERING OF MAN-MACHINE SYSTEMS AFOSR67-1874
RECENT STUDIES ON OPTIMIZATION FOR ELASTIC STABILITY OF CYLINDRICAL AND CONICAL SHELLS AFOSR68-1787
RECENT RESEARCH ON THE MAGNETOSPHERIC PLASMAPAUSE AFOSR68-2009
RECENT STUDIES OF MOLECULAR BEAM SCATTERING FROM CONTINUOUSLY DEPOSITED GOLD FILMS AFOSR68-2219
RECENT RESULTS IN LINEAR AND NON-LINEAR FILTERING AFOSR68-2461
RECENT ADVANCES IN THE CALCULATION OF TURBULENT BOUNDARY LAYERS ARL 67-1067
RECENT DEVELOPMENTS IN ENERGY TRANSFER ARL 67-1163
RECENT HYPERSONIC AERODYNAMIC RESEARCH AT ONERA /OFFICE NATIONAL DES ESSAIS ET LA RECHERCHE AEROSPATIALE/ ARL 67-1186
RECENT RESEARCH AT HIS INSTITUTE DEALING WITH ELECTRICAL MEASUREMENTS AND CONTACT PROPERTIES OF II-VI COMPOUNDS ARL 67-1295
RECENT DEVELOPMENTS IN MOLECULAR SPECTROSCOPY ARL 67-1306
RECENT RESEARCH CONCERNING SOLID STATE PHENOMENA IN INSULATING CRYSTALS PERFORMED AT HIS INSTITUTE ARL 67-1314
RECENT ADVANCES IN THE PHOTOCHEMISTRY OF AROMATIC ALKANES ARL 68-1062
RECENT PROGRESS IN PERCHLOROCARBON RESEARCH ARL 68-1070
RECENT PROGRESS IN PERCHLOROCARBON RESEARCH ARL 68-1071
RECENT STUDIES OF GASEOUS ION REACTIONS ARL 68-1086
RECENT STUDIES ON DIB ARL 68-1099
SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS AFCL68-0190
SOME RECENT RESEARCH ON COHERENCE AND FLUCTUATIONS OF LIGHT AFOSR67-0648
SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS AFOSR68-2058
SOME RECENT STUDIES OF PROPERTIES OF S-D SHELL NUCLEI ARL 68-1237
SOME RECENT DEVELOPMENTS ON MULTIPLE COMPARISON TESTS ARL 68-1263
SOME RECENT DEVELOPMENTS ON MULTIPLE COMPARISON TESTS ARL 68-1467
REMARKS ON THE RECENT LITERATURE OBSERVATION OF MAGNETIC BOUND STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS AFOSR67-1754
REMARKS ON SOME RECENT EXTENSIONS OF FILIPPOV'S IMPLICIT FUNCTIONS LEMMA AFOSR68-0161
GRAVITATION THEORY AND RECENT EXPERIMENTS ARL 68-1104

RECEPTION
RADIATION AND RECEPTION OF ELECTROMAGNETIC ENERGY FROM AIRCRAFT AND GUIDED MISSILES FINAL REPORT DEC 1967 AFCL68-0071
ON OPTIMUM SPACE DIVERSITY RECEPTION OF CORRELATED MULTIPATH AFOSR68-1657
ERROR DETECTION CONSIDERATIONS IN MULTIRECEPTION SYSTEMS AFCL67-0638

RECEPTION
FREQUENCY ANALYSIS OF THE LATE RECEPTION POTENTIAL AFOSR68-2689
RIGIDITY MIGRATION LIGHT SCATTERING AND RECEPTION SENSITIVITY IN THE COMPOUND EYE OF NOCTURNAL LEPIDOPTERA AFOSR67-0909
WAVELENGTH DISCRIMINATION IN INSECTS A RECEPTION CLASSES IN THE COMPOUND EYE OF THE BACKSWIMMER NOTONECTA B SPECTRAL AFOSR67-0714

RECEPTORS
RECEPTORS CONCERNED IN THE REGULATION OF THE BLOOD TITER OF VASOPRESSIN AFOSR68-2702
ROLE OF PERIPHERAL RECEPTORS IN THE INCREASED RELEASE OF VASOPRESSIN IN RESPONSE TO HEMIC IMAGE AFOSR68-0309

RECIPROCAL
RECIPROCAL CONTROLS BETWEEN NERVOUS SYSTEM AND ENDOCRINE SECRETION FINAL REPORT FEB 1967 AFOSR67-0920
RECIPROCAL BOOTSTRAP OF THE VECTOR AND TENSOR TRAJECTORIES FROM SUPERCONVERGENCE AFOSR68-2548
MUTUALLY RECIPROCAL CONTRACTION AND EXPANSION OF CERTAIN LIE ALGEBRAS AFOSR67-0550
RINDOLAR RECIPROCAL INTERACTION UPON FIBER ENDINGS IN THE LATERAL GENICULATE NUCLEUS OF THE CAT AFOSR67-2537
A COMPUTER PROGRAM FOR CALCULATING SECTIONS OF THE RECIPROCAL LATTICE OF ANY CRYSTAL SYSTEM ARL 68-0201

RECOGNITION
RECOGNITION PERFORMANCE AS A FUNCTION OF DETECTION CRITERION IN A SIMULTANEOUS DETECTION-RECOGNITION TASK AFOSR68-2676
MATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE AFOSR67-0710
MATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE AFOSR67-1569
MACHINE RECOGNITION OF TRANSFORMATIONAL GRAMMARS OF ENGLISH FINAL REPT JAN 1967 AFCL67-0316
PATTERN RECOGNITION BY USING AN ASSOCIATIVE MEMORY AFOSR67-1131
PATTERN RECOGNITION APPLIED TO COUGH CATEGORIZATION AFOSR67-2137
STIMULUS RECOGNITION IN AURAL PAIRED-ASSOCIATE LEARNING AFOSR67-1828
A PATTERN RECOGNITION MODEL FOR ON-LINE CURVE FITTING AN APPLICATION OF THRESHOLD THEORY AFOSR68-0037
SHORT-TERM RECOGNITION MEMORY AFOSR67-1403
A LANGUAGE FOR PATTERN RECOGNITION AFOSR68-2003
A HAND-PRINTED CHARACTER RECOGNITION EXPERIMENT AFOSR67-2123
LEARNING THROUGH PATTERN RECOGNITION APPLIED TO A CLASS OF GAMES AFOSR68-0514
MEASURE SELECTION AND PATTERN RECOGNITION IN THE EEG AFOSR68-0156
STATISTICAL DECISION PROCESSES IN RECOGNITION - NO DETECTION FINAL REPORT APRIL 1968 AFOSR68-1777
THEORETICAL FRAMEWORKS FOR PATTERN RECOGNITION PROBLEMS FINAL REPORT JUNE 1967 AFOSR68-0457

RECOGNITION - CONTINUED

| | |
|--|---|
| THE EFFECTS OF FAMILIARITY ON THE PERCEPTUAL RECOGNITION AND CATEGORIZATION OF VERBAL INFORMATION
A COMPUTER PROGRAM FOR DISCOVERING AND PROVING SEQUENTIAL RECOGNITION RULES FOR WELL-FORMED FORMULAS DEFINED BY A
ASYMPTOTICALLY OPTIMAL DISCRIMINANT FUNCTIONS FOR PATTERN RECOGNITION
OPTIMAL UNSUPERVISED LEARNING MULTICATEGORY DEPENDENT HYPOTHESES PATTERN RECOGNITION | AFOSR67-1866
AFOSR67-0259
AFOSR68-0381
AFOSR68-0012 |
| RECOGNIZER | |
| AN NE SUPER - RECOGNIZER FOR CONTEXT FREE GRAMMARS | AFOSR67-2714 |
| RECOMBINATION | |
| RECOMBINATION FLUORESCENCE IN IRRADIATED GASES AND UNIRRADIATED GASES AND SI
RECOMBINATION RATES OF THERMAL IONS
RECOMBINATION OF BR ATOMS BY PLASMA PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE
ATOM RECOMBINATION FINAL REPORT JUNE 1967
SURFACE RECOMBINATION VELOCITIES AND DIFFUSION LENGTHS IN GAS
SURFACE RECOMBINATION EFFICIENCIES IN FLOWS CONTAINING STEP -FUNCTION INCREASES IN ATOMIC OXYGEN FINAL REPORT MARCH
ELECTRON RECOMBINATION ATTACHMENT AND RELAXATION IN NO AND CO
THE RATE OF RECOMBINATION OF CYANOLYL RADICALS IN SOLUTION
A COMPUTER CODE FOR RECOMBINATION AND DIFFUSION CONTROLLED AFTERGLOWS
ANALYSIS OF DIFFUSION AND RECOMBINATION LOSSES IN THE NEGATIVE GLOW
EXPERIMENTAL STUDIES OF ATOMIC HYDROGEN RECOMBINATION AT GLASS AND QUARTZ SURFACES FINAL REPORT MARCH 1967
ANGULAR CARRIER TRANSPORT AND SURFACE RECOMBINATION VELOCITY IN SEMICONDUCTOR SURFACE LAYERS
LASER AND MICROWAVE INTERFEROMETRIC STUDY OF RECOMBINATION IN A HIGHLY IONIZED HELIUM PLASMA
LOW ENERGY QUANTA IMAGE TRANSDUCERS USING A CONTROLLED RECOMBINATION MODEL
A STUDY OF ELECTRON RADIATION DAMAGE IN GASES, GASES AND GASES SURFACES SUB MINUS SURFACES BASED ON RECOMBINATION RADIATION ARL 68-0021 | AFOSR67-0293
AFOSR68-0628
AFOSR68-0700
AFOSR67-1866
AFOSR67-0653
AFOSR68-0893
AFOSR68-0976
AFOSR68-0976
AFOSR68-1866
ARL 68-1448
AFOSR67-1111
AFOSR67-2269
AFOSR67-0065
ARL 67-0041
ARL 68-0021 |
| RECONNAISSANCE | |
| AIRBORNE RECONNAISSANCE MAGNETOMETER SYSTEM /U/ FINAL REPORT DEC 1967
AIRBORNE RECONNAISSANCE MAGNETOMETER SYSTEM (U) FINAL REPORT JUNE 1968 | AFOSR67-0696
AFOSR68-0389 |
| RECONSTRUCTING | |
| ON THE PROBLEM OF RECONSTRUCTING A TOURNAMENT FROM SUBTOURNAMENTS | AFOSR67-0733 |
| RECONSTRUCTION | |
| WAVEFRONT RECONSTRUCTION WITH LIGHT OF FINITE COHERENCE LENGTH
OPTIMAL NON-RESETTING DATA RECONSTRUCTION | AFOSR67-0886
AFOSR68-0025 |
| RECORD | |
| MEMORY WITHOUT RECORD
DESIGN OF AN ARRAY TO RECORD AIR SHOWERS OF ENERGY UP TO 10 TO THE FIFTY BY
STUDY OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASURING RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT FEB 1968
DEVELOPMENT OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASUREMENTS RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT | AFOSR67-0311
AFOSR68-2073
AFOSR68-0107
AFOSR67-0615 |
| RECORDED | |
| SOLAR DAILY VARIATION RECORDED AT A LOW LATITUDE STATION BY EAST AND WEST POINTING TELESCOPES DURING PERIODS OF
VISUAL FLUXED POTENTIALS AS RECORDED FROM THE SOLAR AND FROM THE VISUAL CORTEX BEFORE AND AFTER SURGICAL REMOVAL OF
VARIATIONS IN SPECTRA OF P WAVES RECORDED AT CANADIAN ARCTIC SEISMOGRAPH STATIONS
OPERATION OF A LONG PERIOD SEISMOGRAPH NETWORK UTILIZING MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON | AFOSR67-1194
AFOSR67-1441
AFOSR67-0144
AFOSR67-0449 |
| RECORDER | |
| PRELIMINARY RESULTS FROM THE SYDNEY UNIVERSITY GIANT AIR SHOWER RECORDER | AFOSR68-1965 |
| RECORDING | |
| RECORDING AND DISPLAY OF REDUCED BANDWIDTH TV SIGNALS
RECORDING CAPABILITIES OF SOME SPANISH SEISMOLOGICAL STATIONS
LONG RANGE RECORDING OF LAKE SUPERIOR 1966 SHOT POINTS FINAL REPORT JAN 1968
DIGITAL TECHNIQUE FOR RECORDING TIME DEPENDENT SPECTRA BY TIME TO PULSE HEIGHT CONVERSION PART A FINAL REPORT APRIL
A COMPARISON OF AC AND DC EYE MOVEMENT RECORDING
STUDY OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASURING RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT FEB 1968
DEVELOPMENT OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASUREMENTS RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT
THE DESIGN AND USE OF AN FM/AM RADIO TELEMETRY SYSTEM FOR MULTICHANNEL RECORDING OF BIOLOGICAL DATA
OPERATION OF A LONG PERIOD SEISMOGRAPH NETWORK UTILIZING MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON | AFOSR67-0144
AFOSR67-2750
AFOSR68-1508
AFOSR67-2784
AFOSR67-1867
AFOSR68-0107
AFOSR67-0415
AFOSR68-0833
AFOSR67-0449 |
| RECORDINGS | |
| PHOTOGRAPHIC RECORDINGS WITH ENHANCED CONTRAST USING THE STORAGE IMAGE AMPLIFIER, AND APPLICATIONS IN RESEARCH FINAL
TECHNIQUES AND COMPUTER PROGRAMS TO COMPUTE GRAVITY FROM IN-FLIGHT MAGNETIC TAPE RECORDINGS FINAL REPORT JUNE 1967 | ARL 68-0100
AFOSR67-0522 |
| RECORDS | |
| ANALYSIS OF DRAIN WAVE RECORDS FROM GEMINI FLIGHT ST-7 BY COMPUTATIONS TO BE USED IN A THIRTY DAY PRIMATE FLIGHT
A SYNTHESIS OF SHORT-PERIOD P-WAVE RECORDS FROM DISTANT EXPLOSION SOURCES
LIFE-CYCLE OF A SUMMER STORM FROM RADAR RECORDS | AFOSR67-1891
AFOSR67-0840
AFOSR68-0305 |
| RECOURSE | |
| CALCULATION OF TOROIDAL HARMONICS WITHOUT RECOURSE TO ELLIPTIC INTEGRALS | ARL 67-1275 |
| RECOVERING | |
| THE RATE OF CONVERGENCE OF AN ALGORITHM FOR RECOVERING FUNCTIONS FROM NOISY MEASUREMENTS TAKEN AT RANDOMLY SELECTED | AFOSR68-2349 |
| RECOVERY | |
| RECOVERY OF FROXED POTENTIALS IN VISUAL SYSTEM FOLLOWING INTENSE STIMULATION
RECOVERY OF ROCKSALT STRUCTURE COS TO ROOM PRESSURE
RECOVERY OF METAL VALUES
FAST RECOVERY OF ELECTRON IRRADIATED GERMANIUM
A FAST RECOVERY PROBE AND RECEIVER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
THERMAL RECOVERY OF EXPLOSIVE SHOCK-LOADED STAINLESS STEEL
ABSOLUTE RECOVERY OF FIRST-LIST RESPONSE FROM UNLEARNING DURING 26 MINUTES FILLED WITH AN EASY OF DIFFICULT
A CASE OF TRANSIENT ANISOTROPY DURING THE RECOVERY PHASE OF A FORNUSH DECREASE
OBSERVATIONS OF THE SEPTEMBER 2, 1966 CO EVENT, MIDWAY RECOVERY IN ABSORPTION | AFOSR67-1504
ARL 67-0177
ARL 67-1191
AFOSR68-0217
AFOSR68-0931
AFOSR68-2151
AFOSR67-2239
AFOSR67-0799
AFOSR68-1444 |
| RECRYSTALLIZATION | |
| THE RECRYSTALLIZATION OF 99.999 PER CENT CHROMIUM | AFOSR67-0163 |

| | |
|--|--------------|
| RECTANGULAR | |
| HYDRAULIC FLOW IN A RECTANGULAR DUCT WITH CONDUCTING ELECTRODES | AFOSR68-0577 |
| EXISTENCE AND UNIQUENESS OF RECTANGULAR SOLUTIONS OF THE PROBLEM | AFOSR67-2440 |
| THE INFLUENCE OF ROTATION ON FLOW IN A LONG RECTANGULAR CHANNEL - AN EXPERIMENTAL STUDY | AFOSR68-2844 |
| USERS AND LOWER BOUNDS FOR THE FREQUENCIES OF RECTANGULAR CANTILEVER PLATES | AFOSR67-2050 |
| SOLUTION OF THE DISCONTINUITY PROBLEM BETWEEN AN EMPTY RECTANGULAR WAVEGUIDE AND THE SAME GUIDE COMPLETELY FILLED WITH | ARL 68-0273 |
| THE EFFECT OF SCRAMBLING ON THE PERFORMANCE OF FINITE ARRAYS OF CIRCULAR AND RECTANGULAR ARRAYS | AFOSR67-0507 |
| AN APPLICATION OF THE EXTENDED KANTROVICH METHOD TO THE STRESS ANALYSIS OF A CLAMPED RECTANGULAR PLATE | AFOSR68-0317 |
| AFOSR67-1580 | |
| RECTIFICATION | |
| MICROWAVE RECTIFICATION USING QUARTZ | AFOSR67-0143 |
| RECTILINEAR | |
| EQUILIBRIUM OF RECTILINEAR VORTICES IN A ROTATING CONTAINER | AFOSR67-0579 |
| RECURRENT | |
| AN ALGEBRAIC THEORY OF RECURRENTS | AFOSR67-1319 |
| RECURRENT | |
| WAPCON CIRCLES RECURRENT IN THE SENSE OF MARKOV | AFOSR67-1860 |
| RECURRENCE | |
| RECURRENCE FORMULAE FOR POLYNOMIALS IN RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS | ARL 67-1135 |
| RECURRENCE FORMULAE FOR HYPERGEOMETRIC FUNCTIONS | ARL 68-0105 |
| THE TRANSMITTANCE RECURRENCE | AFOSR67-1924 |
| RECURSIVE | |
| RECURSIVE COMPUTATIONS FOR THE OPTIMUM TRACKING OF TIME-VARYING PARAMETERS | AFOSR68-2541 |
| A NUMERICAL ADAPTIVE ESTIMATION RECURSIVE ALGORITHM | AFOSR68-1818 |
| RED-RED | |
| MULTISPECTRAL PHOTOGRAPHIC STUDIES OF A RED-RED PALLAS MINOR BASSIN NOVA SCOTIA | AFOSR67-0603 |
| RED-SHIFT | |
| THE TWIN-PEAK AND THE RED-SHIFT | AFOSR68-0507 |
| RED-SHIFTS | |
| THE NATURE OF THE RED-SHIFTS IN QUASI-STARRED OBJECTS | AFOSR68-2291 |
| RED-WINGED | |
| RED-WINGED BLACKBIRD RESPONSES TO ACOUSTIC STIMULI FINAL REPORT FEB 1967 | AFOSR67-0717 |
| REDON | |
| PHOTO-INDUCED REDON REACTIONS | AFOSR67-0396 |
| REDSHIFT | |
| THE EINSTEIN REDSHIFT IN WHITE DWARFS | AFOSR67-2197 |
| REDUCE | |
| ASSOCIATIVE ADJUSTMENTS TO REDUCE ERRORS IN NOISE-REDUCING FINAL REPORT MARCH 1967 | AFOSR67-0980 |
| A USER'S MANUAL FOR A COMPUTER PROGRAM TO REDUCE SINE WAVEFORM DATA FROM A ROTATIONALLY SYMMETRIC PLASMA, FINAL REPORT ARL 68-0003 | |
| REDUCED | |
| AN INEQUALITY FOR THE REDUCED WAVE OPERATOR AND THE JUSTIFICATION OF GEOMETRICAL OPTICS | AFOSR68-1513 |
| RECORDING AND DISPLAY OF REDUCED BANDWIDTH TV SIGNALS | AFOSR67-0148 |
| INHERENT ABSORBANCE OF CO AND H ₂ O AT REDUCED TEMPERATURE | AFOSR68-0007 |
| AN INVESTIGATION OF THE ANALYTIC PROPERTIES OF SOLUTIONS TO THE GENERALIZED AXIALLY SYMMETRIC REDUCED WAVE EQUATION IN | AFOSR68-0766 |
| REDUCIBLE | |
| THE EATON EQUATIONS OF A REDUCIBLE FETTERED DIAGRAM | AFOSR68-1219 |
| REDUCTION | |
| REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING FOR | AFOSR67-0008 |
| REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING FOR | AFOSR67-0239 |
| REDUCTION OF RADAR CROSS SECTION FROM THE IMPEDANCE CONE AND THE SPHERE BY IMPEDANCE LOADING | AFOSR67-0490 |
| REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING FOR FINAL REPORT JAN 1968 | AFOSR68-0225 |
| REDUCTION OF NOISE/INTERFERENCE IN THE LOWEST FREQUENCY BY METEOROLOGICAL STIMULI | AFOSR68-2697 |
| EFFECT OF THE REDUCTION OF THE WAVELENGTH IN THE STAGNATION REGION OF AN AXISYMMETRIC BLUNT BODY IN HYPERSONIC FLOW | AFOSR68-2066 |
| THE METALLIC REDUCTION OF THE COHERENT/INCOHERENT CHANNEL RATIO | ARL 67-0077 |
| SATellite DATA REDUCTION PROCEEDINGS 1967 | AFOSR67-0501 |
| ANALYTICAL DATA REDUCTION IN AEROSPACE EXPERIMENTS | ARL 68-1481 |
| INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD FOR | AFOSR67-0574 |
| INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD FOR | AFOSR68-0130 |
| INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD FOR | AFOSR68-0248 |
| FOR COMPUTATIONAL AND INFORMATION REDUCTION | AFOSR67-1830 |
| A QUANTITATIVE STUDY OF RAY AND LEE REDUCTION THROUGH OPTIMISTIC SUGGESTION | AFOSR67-2212 |
| RESEARCH REPORT TOWARD THE REDUCTION REDUCTION AND EVALUATION OF LONG-RANGE FIELD DATA FINAL REPORT JAN 1968 | AFOSR68-0814 |
| REDUCTIVE | |
| VELOCITY AND THE PARTICIPATION IN THE REDUCTIVE PENTOSE PHOSPHATE CYCLE IN PHOTOREDUCTION AND THE OXYHYDROGEN REACTION | AFOSR68-1700 |
| REDUCIBILITY | |
| NON-CONVEXITY REDUCIBILITY PROPS | AFOSR67-0177 |
| REDUCTION | |
| STUDY OF REDUCTION DATA FOR REDUCTION ANTENNA SYSTEMS | AFOSR67-0473 |
| STUDY OF REDUCTION DATA FOR REDUCTION ANTENNA SYSTEMS FOR | AFOSR67-0474 |

STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS AFCL67-0585
 STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS AFCL68-0037
 STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS /U/ AFCL68-0038
 STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS FINAL REPORT MAR 1968 AFCL68-0226
 THE STUDY OF PLASMA SURROUNDING REENTRY PRODS AND RESULTANT INTERACTION WITH MICROWAVE RADIATION FINAL REPORT APR AFCL68-0239

REFERENCE

A REFERENCE ORBIT USEFUL IN INTEGRATING BETWEEN ACTIVITY SPHERES
 PARAMETERS OF HYPNOSIS WITH SPECIAL REFERENCE TO POSTHYPNOTIC ANESTHESIA AND HYPNOTIC ANALGESIA FINAL REPORT OCT 1968 AFOSR67-1170
 SINGULAR INTEGRAL EQUATIONS WITH SPECIAL REFERENCE TO BOUNDARY-VALUE PROBLEMS FINAL REPORT JULY 1968 AFOSR68-1901
 NUCLEAR SPIN RELAXATION IN A ROTATING TILTED REFERENCE FRAME AFOSR68-1616
 LABORATORY SIMULATION OF LUNAR LUMINESCENCE WITH SPECIAL REFERENCE TO METEORITIL MATERIAL FINAL REPORT DEC 1967 AFOSR67-1043
 SOLUTION OF THE GEODETIC BOUNDARY-VALUE PROBLEM IN CASE OF A REFERENCE ELLIPSOID AFOSR68-0235
 SI TRMS MANUAL FOR THE EXPERIMENTAL LITERATURE COLLECTION AND REFERENCE RETRIEVAL SYSTEM OF THE CENTER FOR THE AFCL68-0150
 STUDIES ON THE TACHYPHYLAXIS TO ALPHA-METHYL METATYRANINE WITH SPECIAL REFERENCE TO ITS CENTRAL STIMULATING ACTION AFOSR67-1676
 100 KHZ HOMOZYNE 35 GHZ REFLECTION-CAVITY SPECTROMETER WITH PHASE-LOCK OF THE REFERENCE SIGNAL AND LOW FREQUENCY FIELD AFOSR68-2711
 A METHOD FOR TESTING AND IMPROVING MOLECULAR CONSTANTS OF DIATOMIC MOLECULES WITH SPECIAL REFERENCE TO BROMINE AFOSR68-0867

REFINEMENT

LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY AFOSR67-0275
 LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY AFOSR67-0276
 LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER DATA III AFOSR67-0277
 ELECTRONIC STRUCTURE OF TETRAHEDRALLY-DROPPED SEMICONDUCTORS -- REFINEMENT OF FIRST-PRINCIPLES ENERGY BAND MODELS ARL 68-0244

REFINEMENTS

IMPROVEMENTS AND REFINEMENTS ON A PULSE TYPE SONIC ANEMOMETER FINAL REPORT AUG 1968 AFCL68-0416

REFLECTANCE

THE REFLECTANCE OF THE INTERMETALLIC COMPOUNDS NICKEL ALUMINUM AND COBALT ALUMINUM AFOSR67-1183
 SCATTERING AND REFLECTANCE OF LIGHT FROM AIRBORNE LASER SYSTEMS AFCL68-0479
 MEASUREMENTS OF CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED ENERGY FINAL REPORT AFCL68-0003
 AIRCRAFT INSTRUMENTATION TO MEASURE CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED AFCL67-0042

REFLECTED

TRANSIENT REFLECTED SIGNALS FROM AN ANISOTROPIC PLASMA AFCL67-0065
 INCIDENT AND REFLECTED IONIZING SHOCK STRUCTURE AFOSR68-2631
 CALCULATION OF REFLECTED AND TRANSMITTED RADIANCE FOR EARTH'S ATMOSPHERE AFCL67-0569
 INFLUENCE OF SINGLE SCATTERING ALBEDO ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS AFCL67-0450
 INFLUENCE OF PARTICLE SIZE DISTRIBUTION ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS AFCL67-0428
 INVESTIGATIONS OF THE POLARIZATION OF LIGHT REFLECTED BY NATURAL SURFACES AFCL67-0089

REFLECTING

RADAR REFLECTING PROPERTIES OF CONDUCTING SURFACES FINAL REPORT JUNE 1968 AFCL68-0346

REFLECTION

REFLECTION AND AMPLIFICATION OF ELECTROMAGNETIC WAVES IN AN OSCILLATING IONIZED MEDIUM PART II AFCL68-0313
 REFLECTION AND REFRACTION OF ELASTIC WAVES AT A CORRUGATED INTERFACE AFOSR67-0315
 REFLECTION AND TRANSMISSION FROM A PLANE LAYERED CORE-MANTLE BOUNDARY AFOSR67-2147
 REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC POWER AT MOVING INTERFACES AFOSR68-2838
 RADIO REFLECTION BY FREE RADICALS IN EARTH'S ATMOSPHERE AFOSR67-2746
 TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED NO 110 SURFACE FOR LOW PRIMARY ENERGIES ARL 68-0318
 TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED NO 110 SURFACE FOR LOW PRIMARY ENERGIES ARL 68-1220
 REFLECTION COEFFICIENT AT ZERO ENERGY I EXPERIMENTS AFCL67-0228
 REFLECTION COEFFICIENT AT ZERO ENERGY II COMPUTER EXPERIMENTS ON THE REFLECTION OF SLOW ELECTRONS IN THE AFCL67-0378
 ULTRAVIOLET REFLECTION STUDIES OF COS/COS2 SOLID SOLUTIONS ARL 67-1320
 QUANTITATIVE REFLECTION ELECTRON DIFFRACTION IN AN ULTRA HIGH VACUUM CAMERA AFOSR68-0557
 BREWSTER ANGLE REFLECTION SPECTRUM FOR OPTICAL RESONANCES ARL 68-0251
 GROUP VELOCITY DISPERSION DUE TO PULSE REFLECTION FROM A FREQUENCY-DEPENDENT BOUNDARY IMPEDANCE AFOSR67-1762
 ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY II COMPUTER EXPERIMENTS ON THE REFLECTION OF SLOW ELECTRONS IN THE AFCL67-0378

REFLECTION-CAVITY

100 KHZ HOMOZYNE 35 GHZ REFLECTION-CAVITY SPECTROMETER WITH PHASE-LOCK OF THE REFERENCE SIGNAL AND LOW FREQUENCY FIELD AFOSR67-1136

REFLECTIONS

REFLECTIONS FROM ROTARY-VANE PRECISION ATTENUATORS AFOSR67-1654
 RADAR REFLECTIONS FROM INSECTS IN THE LOWER ATMOSPHERE AFOSR67-0823
 MODERNIZATION AND THE MAOIST VISION - SOME REFLECTIONS ON CHINESE COMMUNIST GOALS AFOSR68-2552

REFLECTIVITY

ULTRAVIOLET REFLECTIVITY STUDIES OF COS/SE SINGLE CRYSTAL SOLID SOLUTIONS ARL 67-1013
 ANGLE DEPENDENT REFLECTIVITY OF NATURAL SURFACES 1 - 12 MICRON FINAL REPORT AUG 1968 AFCL68-0551
 MAPPING OF LUNAR RADAR REFLECTIVITY AT 70 CM WAVELENGTHS AFOSR67-0169
 ELECTRODELESS DETERMINATION OF SEMICONDUCTOR CONDUCTIVITY FROM CIRCULAR ELECTRIC FIELD MODE REFLECTIVITY AFOSR67-1645

REFLECTOR

REFLECTOR ARRAYS FINAL REPORT JULY 1967 AFCL67-0578
 A CORRECTING FEED AT 611 MHZ FOR THE A10 REFLECTOR AFOSR68-1044

REFLECTORS

A LINE-SOURCE CORRECTOR FOR LARGE SPHERICAL REFLECTORS AFCL67-0162

REFLEX

MICROWAVE LOSS IN A REFLEX PLASMA DISCHARGE AFOSR68-0091
 DIFFRACTAL REGION AND PHOTIC REFLEX /ITALIAN/ AFOSR68-1991

REFLEXES

ROLE OF SINO AORTIC REFLEXES IN THE REGULATION OF EXPERIMENTAL RENAL HYPERTENSION DURING NATURAL SLEEP AFOSR68-0549
 REVIEW OF CLINICAL AND EXPERIMENTAL STUDIES IN CONDITIONAL REFLEXES PSYCHO AND NEUROPHYSIOLOGY IN USSR CZECHOSLOVAKIA AFOSR67-1246

REFLEXIONS

ROTATING CRYSTAL SPECTROMETERS WITH AND WITHOUT AN AUXILIARY DEVICE FOR SUPPRESSION OF UNWANTED REFLEXIONS AFOSR67-2697

REFLEXIVE
ON REFLEXIVE SPACES HAVING THE METRIC APPROXIMATION PROPERTY
ON NONSEPARABLE REFLEXIVE BANACH SPACES AFO5R66-0246
AFO5R66-0245

REFLUX
RESIDENCE TIME DISTRIBUTIONS IN SYSTEMS WITH INTERNAL REFLUX AFO5R66-0634

REFORMULATION
REFORMULATION OF THE NAGAOKA EQUATIONS
REFORMULATION OF THE REPRESENTATION OF TRANSPORT COEFFICIENTS USING THE AUTOCORRELATION-FUNCTION FORMALISM AND THE
REFORMULATION OF THE DIRAC THEORY OF THE ELECTRON AFO5R67-2184
AFO5R66-0046
AFO5R66-1281

REFRACTION
REFRACTION OF SOUND BY JET FLOW AND JET TEMPERATURE II
MUTUAL REFRACTION OF ELECTRONS AND PHOTONS AFO5R67-0128
INDEX OF REFRACTION OF ZND AFO5R67-0472
INDEX OF REFRACTION OF ISO-PENTANE AND MESITYLENE AS FUNCTION OF PRESSURE ARL 66-0185
IRREGULAR REFRACTION OF A STRONG SHOCK WAVE BY A WEDGE OF HOT GAS ARL 6A-0226
REFLECTION AND REFRACTION OF ELASTIC WAVES AT A CORRUGATED INTERFACE ARL 67-0229
STUDY OF ABSORPTION AND REFRACTION CHANGES IN RADIATION EMANATING FROM JUPITER AND RADIO STARS FINAL REPORT FEB 1967 AFO5R67-0316
AFCRL67-0114

REFRACTIVE
REFRACTIVE INDEX OF ZND SINGLE CRYSTALS ARL 67-1011
REFRACTIVE INDEX OF ZINC - OXIDE SINGLE CRYSTALS ARL 67-1204
REFRACTIVE INDEX OF ZND SINGLE CRYSTALS ARL 67-1290
MEASUREMENT OF THE REFRACTIVE INDEX IN AN ARCOON PLASMA AT 6328 DEGREES A AND 1.15U. FINAL REPORT DEC 1967 ARL 67-0216
DEVELOPMENT OF INSTRUMENTATION WHICH WILL ALLOW MEASUREMENT OF THE INFRARED REFRACTIVE INDEX OF OZONE FINAL REPORT APR AFO5R66-0207

REFRACTOMETER
REFRACTOMETER ADSORPTION IN TRANSIENTS AND AT SUB-FREEZING TEMPERATURES FINAL REPORT JUNE 1968 AFO5R66-0413

REFRACTOMETERS
TRANSIENT RESPONSE IN RADIO REFRACTOMETERS AFO5R67-0014

REFRACTORIES
IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS ARL 66-0163
RARE EARTH IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS ARL 66-1177
RARE EARTH STABILIZED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS ARL 66-0158

REFRACTORY
REFRACTORY METAL SURFACES ARL 67-1130
THE ELECTRICAL AND OPTICAL PROPERTIES OF REFRACTORY OXIDES FINAL REPORT DECEMBER 1968 ARL 18-0321
FIELD EMISSION STUDIES OF THE SURFACE MIGRATION OF REFRACTORY METALS FINAL REPORT OCT 1967 AFO5R67-2406
TRENDS IN CHEMISORBED STRUCTURES ON 1110/ SURFACES OF BCC REFRACTORY METALS ARL 67-1129

REFURBISH
PROVIDE PAYLOAD FOR AEROBEE ROCKET REFURBISH AND TEST A LUNAR POINTING CONTROL AND TELEMETRY SYSTEM FINAL REPORT NOV AFO5R67-0647

REFURBISHMENT
REFURBISHMENT TEST INTEGRATION AND FIELD SUPPORT OF SCIENTIFIC INSTRUMENTS FOR THE OVI-13 SATELLITE FINAL REPORT JUN AFO5R66-0286

REGARDING
BASIC STUDIES REGARDING LINE BROADENING FINAL REPORT OCTOBER 1968 ARL 66-0196
CONSIDERATIONS REGARDING THE MATHEMATICAL BASIS FOR PHASORS BOUNDARY LAYER THEORY AFO5R66-1914
DETECTION OF AN IN-PHASE SIGNAL WITH AND WITHOUT UNCERTAINTY REGARDING THE INTERAURAL PHASE OF THE MASKING NOISE AFO5R67-2393

REGENERATION
CILIA REGENERATION IN THE SEA URCHIN EMBRYO AFO5R67-0205
CILIA REGENERATION IN THE SEA URCHIN EMBRYO EVIDENCE FOR A POOL OF CILIARY PROTEINS AFO5R67-0206

REGGE
REGGE POLES AND UNEQUAL-MASS SCATTERING PROCESSES AFO5R67-1405
REGGE POLES AND HIGH-ENERGY SINGLE-PARTICLE PRODUCTION AFO5R67-2793
DOUBLE REGGE POLES AND REGGE CUTS AFO5R67-0878
SUPPRESSION OF REGGE CUTS AT $t=0$ DUE TO UNIVERSALITY OF FACTORIZED RESIDUES AFO5R66-0834
IMPLICATIONS OF REGGE BEHAVIOR FOR PROCESSES INVOLVING PHOTONS AFO5R66-0276
ALGEBRAIC ASPECTS OF REGGE RECURRENCES AFO5R67-1319
DOUBLE REGGE POLES AND REGGE CUTS AFO5R67-0878
DYNAMICS BASED ON RISING REGGE TRAJECTORIES AFO5R66-1366
ALGEBRAIC CLASSIFICATION OF REGGE POLES AFO5R66-1142
SIMPLIFIED MODEL FOR A THREE-PARTICLE REGGE TRAJECTORY AFO5R67-1735
ANALYTICITY CONSTRAINTS ON UNEQUAL-MASS REGGE FORMULAS AFO5R67-1195
THE ALGEBRA OF SCALAR AND VECTOR VERTEX STRENGTHS IN REGGE RESIDUES AFO5R67-0274

REGGE-POLE
O/A/ SYMMETRY AND REGGE-POLE THEORY AFO5R67-1661
O/A/ SYMMETRY AND REGGE-POLE THEORY AFO5R66-0189

REGGEIZATION
REGGEIZATION OF INVARIANT AMPLITUDES AFO5R67-1643

REGIME
THE TRANSITION REGIME OF RAREFIED GAS DYNAMICS FINAL REPORT JULY 1968 AFO5R66-2315
THE SPISMOTECTONIC REGIME IN GREECE AFO5R66-0008
THEORETICAL AND EXPERIMENTAL STUDIES OF SHOCK WAVE-LAMINAR BOUNDARY LAYER INTERACTION IN THE STRONG INTERACTION REGIME ARL 67-0112

REGION
F REGION AND MAGNETOSPHERE BACKSCATTER RESULTS AFO5R67-2280
THE REGION INTERGOVERNMENTAL OF SPISMOLOGY AND INGENIERIA SEISMIC OF THE UNESCO /SPANISH/
PRETECTAL REGION AND PHOTIC REFLER /ITALIAN/ AFO5R67-0559
AFO5R66-1991

| | |
|--|--------------|
| ON THE ACTIVE REGION CORONA AND THE INTERPRETATION OF TYPE 1 BURSTS | APCR67-0877 |
| NONSIMILAR PHYSICAL REGION SIMILARITIES OF THE S MATRIX | AFOSR67-1350 |
| A RADIO SURVEY OF THE REGION OF NGC 6781 | AFOSR67-1977 |
| AN INVESTIGATION OF 72 REGION IONOSPHERIC BEHAVIOR BY COMPUTER METHODS | APCR68-0419 |
| IS-150 A ULTRASOFT X-RAY REGION | AFOSR67-2782 |
| PHENOMENA IN THE CATHODE REGION OF AN MPD ACCELERATOR | ARL 67-0281 |
| MULTILAYER FILTERS FOR THE REGION 0.8 TO 100 MICRONS FINAL REPORT MAY 1968 | APCR68-0496 |
| THE ACTIVITY SEISMIC OF THE REGION OF THE PENINSULA IBERICA UP TO YEAR OF 1960 /SPANISH/ | AFOSR67-0560 |
| MICROWAVE SPECTROSCOPY IN THE REGION OF 4-0.4 MILLIMETRES | AFOSR67-0076 |
| HEAT CAPACITY IN THE CRITICAL REGION OF XENON | AFOSR68-0391 |
| SPECTROSCOPY IN THE FAR INFRARED REGION FINAL REPORT JAN 1968 | APCR68-0126 |
| GEOCHRONOLOGY OF THE MIDCONTINENT REGION UNITED STATES PART 1 SCOPE METHODS AND PRINCIPLES PART 2 NORTHERN AREA PART 3 | AFOSR67-0314 |
| X-RAY ABSORPTION IN THE 2-TO-200 Å REGION | AFOSR67-1284 |
| INFRARED SOLAR SPECTRUM IN THE 1.1U REGION OBSERVED FROM A BALLOON BORNE SPECTROMETER | APCR68-0436 |
| THE SHAPE OF THE MASS SURFACE IN THE REGION OF 90 NEUTRONS | AFOSR67-1797 |
| BIBLIOGRAPHY OF HYDRODYNAMIC ENTRANCE REGION FLOW | AFOSR67-2022 |
| DIMENSION OF THE COSMIC RAY MODULATION REGION | AFOSR67-1611 |
| MICROWAVE SPECTROSCOPY IN THE MILLIMETER REGION FINAL REPORT JULY 1968 | AFOSR68-1028 |
| HEAT TRANSFER ON WHO FLOW IN THE ENTRANCE REGION OF A FLAT DUCT | AFOSR68-0725 |
| ISOBARIC ANALOG STATE STUDIES IN THE BARIUM REGION | ARL 67-1178 |
| STUDIES OF PRIMARY COSMIC RAYS IN THE ENERGY REGION 10-14 EV TO 10-17 EV /COLIVIAN AIR SHOWER JOINT EXPERIMENT/ | AFOSR68-0184 |
| DETECTION OF GAMMA RADIATION FROM THE CYGNUS REGION | AFOSR68-1150 |
| AN ASYMPTOTIC FIELD CALCULATION IN THE PENUMBRA REGION | APCR67-0671 |
| ORTHODARIC DENSITY OF HELIUM THREE IN THE CRITICAL REGION | AFOSR67-2330 |
| PAST VERSUS PRESENT WIND ACTION IN THE MOJAVE DESERT REGION CALIFORNIA | APCR67-0663 |
| AFTERSHOCK SEQUENCES OF SOME LARGE EARTHQUAKES IN THE REGION OF GREECE | AFOSR68-0007 |
| ENHANCEMENT OF HEAT AND MASS TRANSFER IN A STAGNATION REGION BY FREE STREAM VORTICITY | ARL 68-0082 |
| ELECTRICAL PROPERTIES OF MATERIALS IN THE FAR INFRARED REGION FINAL REPORT FEB 1968 | AFOSR68-0465 |
| DETERMINATION OF LOSS AND TRANSPORT IN THE NIGHT-TIME P- REGION FROM BACKSCATTER N-H PROFILES | AFOSR67-2562 |
| EFFECT OF THE REDUCTION OF THE PRANDTL IN THE STAGNATION REGION PAST AN AXISYMMETRIC BLUNT BODY IN HYPERSONIC FLOW | AFOSR68-2086 |
| OPTICAL PROPERTIES OF A-HNS IN THE FUNDAMENTAL ABSORPTION REGION | AFOSR67-0237 |
| ATMOSPHERIC TIDAL MOTION IN THE 90 TO 120 KILOMETER HEIGHT REGION | APCR68-0309 |
| ABSORPTION SPECTRUM OF ACTIVATED NITROGEN IN THE 600-1100-Å REGION | APCR67-0109 |
| BRILLOUIN LIGHT SCATTERING FROM CRYSTALS IN THE HYDRODYNAMIC REGION | AFOSR68-1755 |
| HELIUM MODES IN PURE TYPE-II SUPERCONDUCTORS IN THE HIGH-FIELD REGION | AFOSR67-1743 |
| TECHNIQUES OF LOW ENERGY X-RAY AND ELECTRON PHYSICS 50 TO 1000 EV REGION | AFOSR68-2144 |
| ELECTRON CONCENTRATIONS AND ELECTRON AND ION TEMPERATURES IN THE P REGION FOR MAGNETICALLY QUIET AND DISTURBED | AFOSR68-1125 |
| ON THE INTERACTION OF A FINITE AMPLITUDE PRESSURE PULSE WITH A COMBUSTION REGION | AFOSR67-2430 |
| COLLISIONAL ENERGY TRANSFER THERMAL UNIMOLECULAR SYSTEMS IN THE LOW-PRESSURE REGION | AFOSR67-0428 |
| FIRST RESULTS OF SEISMOLOGICAL INVESTIGATION RELATED WITH THE IBERIAN PENINSULA REGION | AFOSR67-0308 |
| THE EFFECT OF WALL TEMPERATURE ON THE LOW REYNOLDS NUMBER HYPERSONIC STAGNATION REGION SHOCK LAYER | ARL 67-0076 |
| THE SEISMIC MAGNITUDE AND THE COEFFICIENT OF ABSORPTION IN THE IBERIAN PENINSULA REGION /SPANISH/ | AFOSR67-1200 |
| A GENERALIZED GALERKIN-KANTOROVICH TREATMENT OF TRANSIENT EVAPORATION THROUGH A FINITE REGION | ARL 68-0039 |
| COLLISIONAL ENERGY TRANSFER IN THERMAL UNIMOLECULAR SYSTEMS DILUTION EFFECTS AND FALLOFF REGION | AFOSR68-2404 |
| THE ELECTRONIC COMPUTER PROGRAM FOR LOCALIZATION OF NEAR SEISMIC IN THE IBERIAN PENINSULA REGION | AFOSR67-2156 |
| CHARGE COLLECTION EFFICIENCIES FOR LITHIUM DRIFTED SILICON AND GERMANIUM DETECTORS IN THE X-RAY ENERGY REGION | AFOSR68-1675 |
| OBSERVATIONS OF THE SPATIAL STRUCTURE OF INTERSTELLAR HYDROGEN I HIGH-RESOLUTION OBSERVATIONS OF A SMALL REGION | AFOSR68-1008 |
| REGIONAL | |
| REGIONAL DISTRIBUTION IN OESOPHAGEAL TEMPERATURE AND ITS USE IN LOCALIZING MEDIASTINAL ORGANS AND MONITORING CENTRAL | AFOSR67-0279 |
| REGIONS | |
| STABILITY REGIONS OF DISCRETE VARIABLE METHODS FOR ORDINARY DIFFERENTIAL EQUATIONS | AFOSR67-3329 |
| GALACTIC HII REGIONS III THE NATURE OF THE RADIO SOURCE W49 | AFOSR68-1088 |
| MODES IN STABLE AND UNSTABLE REGIONS OF THE FLAT-ROOF OPEN RESONATOR | APCR67-0357 |
| MESOSCALE STRUCTURE OF THE ATMOSPHERE IN REGIONS OF CLEAR-AIR TURBULENCE VOLUME I | APCR67-0115 |
| THE SOLAR SPECTRUM IN THE 5577 AND 6300 Å REGIONS | APCR67-0478 |
| HEAT FLOW BETWEEN NORMAL AND SUPERCONDUCTING REGIONS | AFOSR67-1056 |
| CALCULATION OF ELECTROMAGNETIC FIELDS IN THE FOCAL REGIONS OF A PARABOLOID RECEIVING OFF AXIS FINAL REPORT AUG 1967 | APCR67-0466 |
| MICROWAVE RADIATION OF SINGLY CHARGED HELIUM 3 FROM H II REGIONS | AFOSR67-2522 |
| HYDROMAGNETIC WAVES IN THE IONOSPHERE PROPAGATION THROUGH INHOMOGENEOUS AND CURRENT CARRYING REGIONS | APCR67-0236 |
| SPECTROPHOTOMETRY OF GALACTIC NEBULAE INTERNAL OPACITY AND INTERNAL MASS STRUCTURE OF HII EMISSION REGIONS FINAL | APCR68-0078 |
| PROTONS ASSOCIATED WITH CENTERS OF SOLAR ACTIVITY AND THEIR PROPAGATION IN INTERPLANETARY MAGNETIC FIELD REGIONS | AFOSR68-0886 |
| REGISTERS | |
| MODULARITY IN DESIGN THE APPLICATION OF SHIFT REGISTERS IN SECONDARY STATE ASSIGNMENT | AFOSR68-1300 |
| REGRESSION | |
| MULTIPLE REGRESSION WITH STATIONARY ERRORS | AFOSR67-0759 |
| PRESSURE DEPENDENCE OF NONMETALLIZED HYBRID FUEL REGRESSION RATES | AFOSR67-1902 |
| REGULAR | |
| REGULAR EXPRESSIONS AND CHECKING EXPERIMENTS | AFOSR68-0218 |
| ELECTROMAGNETIC SCATTERING BY REGULAR POLYHEDRA FINAL REPORT APR 1967 | APCR67-0307 |
| MATRIX PRODUCTS AND THE EXPLICIT 3 & 9 AND 12-J COEFFICIENTS OF THE REGULAR PRESENTATION OF SU-N | APCR68-1006 |
| EXCEPTIONAL BOUNDARY POINTS FOR THE NONDIVERGENCE EQUATION WHICH ARE REGULAR FOR THE LAPLACE EQUATION - AND VICE-VERSA | AFOSR68-2641 |
| REGULARITIES | |
| REGULARITIES ARISING IN THE COMPOSITE-HADRON PICTURE IN TERMS OF A THEORY OF HIGH-ENERGY CURRENTS | AFOSR68-0261 |
| REGULARITY | |
| RESONANCE DECAYS FROM 0/3 1/-DYNAMICS A REGULARITY IN THE PARTIAL DECAY WIDTHS | AFOSR67-1366 |
| REGULARIZATION | |
| ADVANTAGES OF REGULARIZATION IN SPACE DYNAMICS | AFOSR67-0295 |
| BOGOLUBOV-PARASTUK-MEPP RENORMALIZATION THEOREM AND SPACELIKE REGULARIZATION | AFOSR67-2615 |
| REGULARIZED | |
| HADAMARD'S CLASS OF GREENS FUNCTIONS IN REGULARIZED 9 PLUS 4 THEORY | AFOSR67-0595 |
| SOLUTION OF BIRKHOFF'S EQUATIONS OF THE REGULARIZED RESTRICTED PROBLEM | AFOSR67-2162 |
| DIVERGENCE OF RENORMALIZED VS CONVERGENCE OF REGULARIZED PERTURBATIVE EXPANSIONS IN A FIELD-THEORETICAL MODEL | AFOSR67-0592 |
| REGULARIZING | |
| REGULARIZING TRANSFORMATIONS OF THE JACOBIAN INTEGRAL | AFOSR67-0635 |

REGULATION

REGULATION OF RNA SYNTHESIS FINAL REPORT MAY 1968
LIGHT TRANSMISSION AND ITS REGULATION IN THE COMPOUND EYE
RECEPTORS CONCERNED IN THE REGULATION OF THE BLOOD TITER OF VASOPRESSIN
MATHEMATICAL MODEL FOR BLOOD SUGAR REGULATION
ROLE OF SINO AORTIC PLEXES IN THE REGULATION OF EXPERIMENTAL RENAL HYPERTENSION DURING NATURAL SLEEP
CONSIDERING STATISTICAL AND TIME AVERAGES IN A REGULATION PROBLEM
INFORMATION TRANSFER IN COMPLEX SYSTEMS WITH APPLICATIONS TO REGULATION

AFOSR66-1423
AFOSR66-0690
AFOSR66-2702
ARL 66-1268
AFOSR66-0943
AFOSR66-1102
AFOSR66-0727

REGULATOR

SINGLE SHOT REGULATOR FOR ON-OFF THERMOSTATIC CONTROL

ARL 67-0108

REINECKATE

KINETIC ORDER WITH RESPECT TO SOLVENT ACID HYDROLYSIS AND PREFERENTIAL SOLVATION OF THE REINECKATE ION

AFOSR66-0174

REINFORCED

FIBER REINFORCED NI-CR ALLOYS FOR HIGH TEMPERATURE-HIGH STRENGTH APPLICATIONS FINAL REPORT JAN 1967
DYNAMICS OF SUBMERGED REINFORCED CYLINDRICAL SHELLS

AFML 67-0049
AFOSR66-2241

REINFORCEMENT

APPARENT REINFORCEMENT OF A SKELETALLY MEDIATED AUTONOMIC RESPONSE UNCOUPLING OF THE TWO RESPONSES
PATTERNS OF EXTINCTION OF A DETECTION-INDICATING RESPONSE UNDER ESCAPE-AVOIDANCE REINFORCEMENT

AFOSR66-2686
AFOSR67-1961

REINFORCING

LONG CYLINDRICAL SHELL UNDER LOADS APPLIED TO A REINFORCING RING

AFOSR67-2583

REINNERVATED

CHOLINESTERASE ACTIVITY OF THE NITRATING MEMBRANE REINNERVATED BY CHOLINERGIC FIBERS

AFOSR66-2731

REINNERVATION

REINNERVATION OF SMOOTH AND STRIATED MUSCLE BY SENSORY NERVE FIBERS

AFOSR66-0704

RELATED

HEAT TRANSFER AND RELATED SUPERSONIC FLOW STRUCTURE FOR AERODYNAMIC REARWARD-FACING SURFACE STEPS
PLASMA PHYSICS AND RELATED TOPICS IN ASTROPHYSICS
CALVANDOMAGNETIC AND RELATED EFFECTS IN TYPE-II SUPERCONDUCTORS
MAGNETO-OPTICAL AND RELATED STUDIES IN SIMPLE OXIDE CRYSTALS FINAL REPORT MARCH 1968
5-HYDROXYTRYPTAMINE AND RELATED AMINES IN ENDOCRINE CELL SYSTEMS
TORSION IN LIP GROUPS AND RELATED SPACES
ANOMALOUS HALL EFFECT AND OTHER RELATED NONLINEAR BULK EFFECTS FINAL REPORT SEPT 1967
GENERALIZED BIVARIATE PROBLEM AND RELATED EIGENVALUE PROBLEMS
INPUT POWER INDUCED THERMAL EFFECTS RELATED TO TRANSITION TIME BETWEEN AVALANCHE AND SECOND BREAKDOWN IN P-N SILICON
MAGNETIC PROPERTIES OF IRON OXIDE AS RELATED TO THE DEFECT STRUCTURE
COMMENTS ON ELECTROFLUIDDYNAMICS AND RELATED RESEARCHES IN ITALY
PERFORMANCE AND BIOCHEMICAL RESPONSES RELATED TO SOCIAL CHANGES VERSUS CHEMOTHERAPY IN NONHUMAN PRIMATES /RHESUS
STUDIES IN TRANSFORMATIONAL GRAMMAR AND RELATED TOPICS FINAL REPORT JAN 1968
THE DYNAMIC ELASTIC-PLASTIC INTERFACE AND RELATED TOPICS
MAGNETIC PROPERTIES OF IRON SURF OXYGEN AS RELATED TO THE DEFECT STRUCTURE
GENERALIZED LINEAR DIFFERENTIAL SYSTEMS AND RELATED RICCATI MATRIX INTEGRAL EQUATIONS
STAGING FAULT ENERGIES OF THE STRUCTURALLY RELATED COPPER -GALLIUM ALPHA AND ZETA PHASES
ON MAN-COMPUTER INTERACTION: A MODEL AND SOME RELATED ISSUES
FIRST RESULTS OF SEISMOLOGICAL INVESTIGATION RELATED WITH THE IBERIAN PENINSULA REGION
WATER-EARTH TRISHEXAFLUOROACETYLACETONATES AND RELATED COMPOUNDS
SEMICONDUCTING PROPERTIES OF CUPROUS OXIDE AND RELATED RESEARCH FINAL REPORT OCT 1967
CONSISTENCY OF CURRENT COMPUTATION RELATIONS AND RELATED CONSIDERATIONS
MASS TRANSPORT ANALYSIS FOR OSTWALD RIPENING AND RELATED PHENOMENA
SOME CHARACTERISTICS OF SODIUM TITANIUM BROMIDE AND RELATED COMPOUNDS
CONVERSION YIELDS OF SOME PHOTOGRAPHIC EMULSIONS AND RELATED FACTORS
SPECTRAL ANALYSIS OF POTENTIOMETRIC YIELDS IN GASES AND RELATED CRYSTALS
ON IRREDUCIBLE REPRESENTATION OF A CLASS OF ALGEBRAS AND RELATED PROJECTIVE REPRESENTATIONS
CRITICAL-FLUID MEASUREMENT OF SUPERCONDUCTING TUNGSTEN AS RELATED TO THE CERIUM-MAGNESIUM-NITRATE TEMPERATURE SCALE
APPLICATION OF THE SEQUENTIAL LIGHT AMPLIFIER TO ASTRONOMY AND RELATED PROBLEMS FINAL REPORT AUG 1967
INVESTIGATION OF ELECTRON BEAM PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT DEC 1966
THE KINETICS OF INVERSION OF 2-METHYLBUTYL MAGNESIUM BROMIDE AND RELATED COMPOUNDS
REPRESENTATIONS OF THE ALGEBRA OF ALL OPERATORS IN HILBERT SPACE AND RELATED ANALYTIC FUNCTION ALGEBRAS
ROCKET AND SATELLITE TECHNIQUES FOR MEASUREMENT OF ELECTRON DENSITY AND RELATED IONOSPHERIC PARAMETERS FINAL REPORT
GENERATION OF ALL HAMILTONIAN CIRCUITS PATHS AND CENTERS OF A GRAPH AND RELATED CIRCUITS
INVESTIGATION OF ELECTRON BEAM AND HOLLOW CATHODE PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS FINAL REPORT NOV
PRELIMINARY REPORT ON THE THERMODYNAMIC PROPERTIES OF SELECTED LIGHT-ELEMENT AND SOME RELATED COMPOUNDS
THE FUNDAMENTAL INFRARED THRESHOLD IN THERMAL IMAGE DETECTION AS AFFECTED BY DETECTOR COOLING AND RELATED PROBLEMS

ARL 67-1279
AFOSR66-1690
AFOSR67-2766
AFOSR66-0451
AFOSR66-2705
AFOSR67-0217
AFOSR67-0547
ARL 67-1274
AFOSR67-0767
AFOSR67-1670
ARL 66-1369
ARL 67-0023
AFOSR66-0032
AFOSR67-1440
AFOSR66-1873
AFOSR67-0216
AFOSR67-1404
AFOSR66-0053
AFOSR67-0366
ARL 66-0351
AFOSR66-0030
AFOSR67-1176
AFOSR67-2367
AFOSR67-1436
ARL 67-0173
ARL 66-0247
AFOSR67-0793
AFOSR66-1874
ARL 67-0165
AFOSR67-0273
AFOSR67-0087
AFOSR67-2848
AFOSR66-0010
AFOSR67-1727
AFOSR66-0004
AFOSR67-0891
ARL 66-1426

RELATING

RELATING THE LOW TEMPERATURE CONDUCTIVITY OF RUTILE TO ITS DEFECT STRUCTURE
ON RELATING THE BEHAVIOR OF A SYSTEM TO THE BEHAVIOR OF ITS CONSTITUENTS A THEORY OF CELLULAR DIFFERENTIATION AND THE
SOME RESULTS RELATING MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
FUNDAMENTAL STUDIES RELATING TO THE RADIATION CHEMISTRY OF SMALL ORGANIC MOLECULES FINAL REPORT JAN 1967
ON THE SIGMOIDAL LAW RELATING ASSOCIATION VALUE /ALPHA/ AND SCALED MEANINGFULNESS /M PRIME/
AN EXPLANATORY REVIEW AND CRITIQUE OF THE LITERATURE RELATING TO TRENDS AND CHANGES IN HIGHER EDUCATION FINAL REPORT

ARL 66-1146
AFOSR66-0217
AFOSR67-2410
ARL 67-0114
AFOSR66-0424
AFOSR66-1547

RELATION

RELATION BETWEEN CREEPING WAVES AND LATERAL WAVES ON A CURVED INTERFACE
RELATION OF AEROSOLS TO ATMOSPHERIC FEATURES FINAL REPORT SEPT 1966
RELATION BETWEEN ISOTHERMAL AND MIXED THIRD-ORDER ELASTIC CONSTANTS
RELATION OF STRUCTURE TO FUNCTION IN HEMOGLOBIN
RELATION BETWEEN LIPPMANN-SCHWINGER AND BLOCH SCATTERING THEORIES
RELATION BETWEEN PHOTOPLASTICITY ELECTROSTRICTION AND FIRST ORDER RAMAN EFFECT CRYSTALS OF THE DIAMOND STRUCTURE
RELATION BETWEEN THE BRUECKNER-FROMBERG AND NOSANOW CLUSTER EXPANSIONS
RELATION BETWEEN ETHNIC ORIGIN AND GSR REACTIVITY IN PSYCHOPHYSIOLOGICAL DETECTION
A RELATION BETWEEN MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS
THE RELATION BETWEEN THE ELECTRONIC OSCILLATOR STRENGTH AND THE WAVELENGTH FOR DIATOMIC MOLECULES
THE RELATION OF DESCRIPTIVE PHONETICS TO RESEARCH IN SPEECH COMMUNICATION
ON THE RELATION BETWEEN HAUSDORFF DIMENSION AND METRIC DIMENSION
PLASTIC RELATION IN CA SUPPER PLUS PLUS DOPED NaCl
LIMITING RELATION FOR THE EDDY DIFFUSIVITY CLOSE TO A WALL
MASS-SPIN RELATION IN A LAGRANGIAN MODEL
AN EXPLICIT RELATION BETWEEN MUTUAL COUPLING AND THE PATTERN OF AN ANTENNA ARRAY
A CURRENT ALGEBRA RELATION BETWEEN PCAC AND VECTOR MESON DOMINANCE

AFOSR66-0093
AFOSR66-0360
AFOSR67-1100
AFOSR66-0491
AFOSR66-0899
AFOSR66-0932
AFOSR66-1009
AFOSR66-2171
AFOSR67-0941
AFOSR67-1013
AFOSR66-2052
AFOSR66-0427
ARL 67-1146
AFOSR67-2135
AFOSR67-2100
AFOSR67-0445
AFOSR67-0071

DIPLOLE MOMENTS IN RELATION TO CONFIGURATION OF POLYPEPTIDE CHAINS
SPECTRUM OF μ AND ρ IN RELATION TO THE MANTLE-CORE BOUNDARY AND ATTENUATION IN THE MANTLE
SYNAPTIC TRANSMISSION AND ITS RELATION TO SURFACE CHEMISTRY OF NERVE CELLS FINAL REPORT FEB 1968
NEUROPHYSIOLOGY OF MUSCLE ACTIVITY IN RELATION TO THE MOLECULAR PHYSIOLOGY OF THE CONTRACTION PROCESS FINAL REPORT DEC 1966
THE DEVELOPMENT OF A CONSTITUTIVE RELATION FOR NEOPRENE BALLOON FILM
RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND FINAL REPORT OF
RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND
NONSTOICHIOMETRY OF ZROUS₂ AND ITS RELATION TO TETRAGONAL- CUBIC INVERSION IN ZROUS₂
SPECTRUM OF SHORT-PERIOD CORE PHASES IN RELATION TO THE ATTENUATION IN THE MANTLE
RADIATIVE TRANSFER I: THE FLUX-TEMPERATURE RELATION AND NON-GRAY STELLAR ATMOSPHERES
TOMASCH EFFECT AS A PROBE OF THE DISPERSION RELATION OF ELECTRONS IN GAPLESS SUPERCONDUCTORS
SIMPLIFICATION AND SYMMETRIZATION OF THE FIKSMA RELATION FOR VISCOSITY OF CRITICAL MIXTURES
EXPERIMENTAL VERIFICATION OF LANDAU'S DISPERSION RELATION
SATELLITE SCINTILLATION AT HIGH LATITUDES AND ITS POSSIBLE RELATION TO PRECIPITATION OF SOFT PARTICLES
SOLUCHOWSKI EQUATION FOR SYSTEMS WHICH DO NOT OBEY THE STOKES-EINSTEIN RELATION
THE FREQUENCY DEPENDENCE OF THE DIELECTRIC CONSTANT AND CONDUCTIVITY OF ROCK AND ITS RELATION TO QUANTITIES OF ROCK
MELTING POINTS AT HIGH COMPRESSIONS FROM ZERO-COMPRESSION PROPERTIES THROUGH THE KENNEDY RELATION
PARTIAL DERIVATIVE OF γ SUB C WITH RESPECT TO PRESSURE FOR TECHNETIUM AND A COMMENT ON ITS SIGN IN RELATION TO THE

AFOSR68-0665
AFOSR67-0878
AFOSR68-0525
AFOSR68-1635
AFOSR67-0573
AFOSR68-0812
AFOSR68-2330
ARL 67-0170
AFOSR67-2044
AFOSR67-1348
AFOSR67-0030
AFOSR67-1261
ARL 68-1062
AFOSR68-0285
ARL 67-0088
AFOSR67-0362
AFOSR67-1239
AFOSR68-1806

RELATIONAL

INVESTIGATIONS IN THE FIELD OF RELATIONAL BIOLOGY FINAL REPORT MARCH 1967

AFOSR67-2780

RELATIONS

RELATIONS BETWEEN THE CALCULUS OF VARIATIONS AND BOUNDARY VALUE PROBLEMS FINAL REPORT APRIL 1968
RELATIONS BETWEEN PARTIALLY CONSERVED AXIAL-VECTOR CURRENT AXIAL-VECTOR CHARGE COMMUTATION RELATIONS AND CONSPIRACY
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MSUB2SUBS
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MX
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MSUB2 X
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MSUB2 SUB3
RELATIONS BETWEEN POINT DEFECTS IN THE COMPOUND MX SUB2
ON RELATIONS BETWEEN THE INFLUENCE AFFLUENCE AND PHENOMENAL CONGRUENCE OF SCIENCES AS THEY AFFECT SOCIOLOGY'S FUTURE
PVT RELATIONS IN SOLID /HELIUM - THREE/ /HELIUM - FOUR/ MEASUREMENTS WITH SUPERFLUID HELIUM FINAL REPORT JUNE 1967
PRECISE RELATIONS BETWEEN THE SPECTRA OF VECTOR AND AXIAL -VECTOR MESONS
SOME NEW RELATIONS CONNECTING MOLECULAR PROPERTIES AND ELECTRON AND X-RAY DIFFRACTION INTENSITIES
ON PERIOD RELATIONS FOR ABELIAN INTEGRALS ON ALGEBRAIC CURVES
DISPERSION RELATIONS OF PERIODIC AND LOG-PERIODIC DIPOLE ARRAYS WITH PARASITIC ELEMENTS
DISPERSION RELATIONS AND HIGHER SYMMETRIES
DISPERSION RELATIONS IN TIME-SPACE PERIODIC MEDIA PART II-UNSTABLE INTERACTIONS
DISPERSION RELATIONS IN HIGH ENERGY PHYSICS FINAL REPORT OCT 1967
RESEARCH ON RELATIONS BETWEEN COSMETIC SOLAR AND UPPER ATMOSPHERIC PROCESSES FINAL REPORT APR 1967
COMMUTATION RELATIONS OF BARYON CURRENTS
DISCONTINUITY RELATIONS AND SHOCK POLARS FOR CONSERVATION EQUATIONS WITH APPLICATION TO MAGNETOHYDRODYNAMICS
PSYCHOPHYSICAL RELATIONS IN ADAPTATION PROCESSES FINAL REPORT AUG 1968
SOME NEW INTEGRAL RELATIONS INVOLVING BESSEL FUNCTIONS
SOME NEW INTEGRAL RELATIONS INVOLVING BESSEL FUNCTIONS
SIDEWISE DISPERSION RELATIONS AND THE AXIAL-VECTOR COUPLING CONSTANT
ANALYTIC AND ALGEBRAIC RELATIONS BETWEEN SOME CLASSICAL QUANTUM - MECHANICAL PROBLEMS
A REVIEW OF DISPERSION RELATIONS FOR LOW FREQUENCY WAVES IN QUIESCENT MAGNETO PLASMAS FINAL REPORT MARCH 1967
THE THEORY OF SEQUENTIAL RELATIONS
SUM RULES KRAMERS-KRONIG RELATIONS AND TRANSPORT COEFFICIENTS IN CHARGED SYSTEMS
ON THE METHOD OF INTEGRAL RELATIONS
SUBTRACTIONS IN DISPERSION RELATIONS
PRESSURE-VOLUME-TEMPERATURE RELATIONS IN THE SYSTEM METHANE-TETRAFLUOROMETHANE I GAS DENSITIES AND THE PRINCIPLE OF
BAND STRUCTURE AND DISPERSION RELATIONS IN II-VI COMPOUNDS
LOW-ENERGY THEOREMS DISPERSION RELATIONS AND SUPERCONVERGENCE SUM RULES FOR COMPTON SCATTERING
SOME REMARKS ON SUPERCONVERGENCE RELATIONS
HIPPOCAMPAL STATES AND FUNCTIONAL RELATIONS WITH CORTICOSUBCORTICAL SYSTEMS IN ATTENTION AND LEARNING
CONSISTENCY OF CURRENT COMMUTATION RELATIONS AND RELATED CONSIDERATIONS
SOME TRANSFORMATIONS OF THE ONSAGER RELATIONS OF NONEQUILIBRIUM THERMODYNAMICS
SOME ASPECTS OF THE METHOD OF INTEGRAL RELATIONS
WARD IDENTITIES UNSUBTRACTED DISPERSION RELATIONS AND FEYNMAN GRAPHS
ALGEBRAIC STRUCTURE OF SUPERCONVERGENCE RELATIONS
PERTURBATIVE APPROACH TO SUPERCONVERGENCE RELATIONS AND CURRENT ALGEBRA
THE RESONANCE APPROXIMATION IN SUPERCONVERGENCE RELATIONS
CONVEX PROGRAMMING AND SYSTEMS OF ELEMENTARY MONOTONIC RELATIONS
SYNTHESIS OF LINEAR SEQUENTIAL CIRCUITS FROM INPUT-OUTPUT RELATIONS
NUMBER OPERATORS FOR REPRESENTATIONS OF THE CANONICAL COMMUTATION RELATIONS
RELATIONS BETWEEN PARTIALLY CONSERVED AXIAL-VECTOR CURRENT AXIAL-VECTOR CHARGE COMMUTATION RELATIONS AND CONSPIRACY
SOME CONSEQUENCES OF THE SATURATION OF COVARIANT SUM RULES DERIVED FROM QUARK CHARGE-COMMUTATION RELATIONS

AFOSR68-0966
AFOSR68-2217
ARL 67-0115
ARL 67-0147
ARL 68-0186
ARL 68-0187
ARL 68-0188
AFOSR68-0580
AFOSR68-0190
AFOSR67-1443
AFOSR67-1154
AFOSR67-2505
AFOSR67-0389
AFOSR67-0595
AFOSR68-0820
AFOSR68-0519
AFOSR67-0303
AFOSR67-0239
AFOSR67-2438
AFOSR68-2205
ARL 68-1254
ARL 68-1469
AFOSR67-1711
AFOSR68-1214
ARL 67-0055
AFOSR68-0323
AFOSR68-0428
ARL 67-0100
AFOSR67-2032
AFOSR68-1231
ARL 67-0825
AFOSR68-1861
AFOSR68-0271
AFOSR67-2584
AFOSR67-1176
AFOSR67-1035
ARL 67-1069
AFOSR67-2457
AFOSR67-2458
AFOSR68-2215
AFOSR67-1642
AFOSR68-2440
AFOSR68-2057
AFOSR68-1370
AFOSR68-2217
AFOSR68-1378

RELATIONSHIP

RELATIONSHIP BETWEEN CORTICAL ACTIVITY AND THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE BODY
RELATIONSHIP BETWEEN DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF CERAMIC MATERIALS
ON THE RELATIONSHIP BETWEEN INTERNAL AND SPACE-TIME SYMMETRIES
A STUDY OF THE RELATIONSHIP BETWEEN MULTIPATH DISTORTION AND WAVE NUMBER SPECTRUM OF DIELECTRIC NOISE IN RADIO LINKS
RULER-LAGRANGE RELATIONSHIP FOR RANDOM DISPERSIVE WAVES
THE PRESSURE-FLOW RELATIONSHIP IN LONG-WAVE PROPAGATION IN LARGE ARTERIES
THE EFFECT OF HYDROGEN CHARGING ON THE PETCH RELATIONSHIP FOR ZONE-REFINED IRON
A STUDY OF THE INDETERMINATE STAGE OF SLEEP IN POLYPHRENIAS RELATIONSHIP WITH SPINDLES AND PARADOXICAL SLEEP
MECHANISMS OF ELECTROPHILIC SUBSTITUTION IN METALLOGENES THE INSIDE-OUTSIDE RELATIONSHIP

AFOSR67-2544
ARL 68-1154
AFOSR68-2744
AFOSR68-0439
AFOSR68-1507
AFOSR67-0590
ARL 67-0162
AFOSR67-2571
AFOSR68-0433

RELATIONSHIPS

RELATIONSHIPS BETWEEN RESERPINE INDUCED PHASIC EEG ACTIVITY AND SINGLE UNIT DISCHARGE IN THE PONTINE RETICULAR
CHARGE-TO-MASS RELATIONSHIPS FOR ELECTROHYDRODYNAMICALLY SPRAYED LIQUID DROPLETS
PURITY-PROPERTY RELATIONSHIPS IN ORGANIC SEMICONDUCTION FINAL REPORT APR 1968
OUTPUT TO INPUT RELATIONSHIPS IN LATERAL GENICULATE AND VISUAL CORTEX
GROUP THEORETICAL RELATIONSHIPS BETWEEN RAYON-RAYON SCATTERING CROSS-SECTIONS
DESCRIPTION OF AN EXPERIMENT INVESTIGATING TERM RELATIONSHIPS AS INTERPRETED BY HUMANS
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XIX RELATIONSHIPS BETWEEN POSITION OF PROTONATION OF ALLYLIC ANIONS
SHORT TERM AND LONG TERM MEMORY PROCESSES A FUNCTIONAL MODEL OF FRONTO-TEMPORAL RELATIONSHIPS FINAL REPORT JULY 1968

AFOSR67-2560
AFOSR68-0547
AFOSR68-0181
AFOSR67-0877
AFOSR68-0740
AFOSR68-1499
AFOSR67-0429
AFOSR67-1672

RELATIVE

RELATIVE HEIGHTS OF PHOTOGRAPHIC FEATURES OF THE MOON FINAL REPORT NOV 1967
RELATIVE ENTHALPY OF BERYLLIUM 1 1-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150
RELATIVE ENTHALPY OF BERYLLIUM 1 3-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150 DEGREES
RELATIVE QUANTUM YIELD FOR PHOTOEMISSION FROM THIN FILMS OF XENON AND KRYPTON
RELATIVE RATE CONSTANTS FOR ANODIC OXIDATIONS OF POTASSIUM ALKANECARBOXYLATES
THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD SULFINYL SULFUR THE NUCLEOPHILE-CATALYZED HYDROLYSIS
THE RELATIVE EFFECTIVENESS OF FIVE INSTRUCTIONAL STRATEGIES
THE RELATIVE THERMODYNAMIC PROPERTIES OF COBALT-PALLADIUM SOLID SOLUTIONS
MEASURED RELATIVE ENTHALPY OF ANHYDROUS CRYSTALLINE ALUMINUM TRIFLUORIDE FROM 273 TO 1173 DEGREES K AND DERIVED

AFOSR68-0073
AFOSR67-2015
AFOSR67-2016
AFOSR68-1742
AFOSR68-2908
AFOSR68-2069
AFOSR68-2158
ARL 68-1174
AFOSR67-2018

RELATIVE - CONTINUED

ACIDITY OF HYDROCARBONS XIII RELATIVE EQUILIBRIUM ACIDITIES OF HYDROCARBONS TOWARD CESIUM CYCLOHEXYLAMIDE
LOWER BOUNDS FOR EIGENVALUES OF A QUADRATIC FORM RELATIVE TO A POSITIVE QUADRATIC FORM
MECHANISMS OF SUBSTITUTION AT SULFINYL SULFUR III THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD

AFOSR67-0731
ARL 66-0874
AFOSR67-0117

RELATIVELY

ON RELATIVELY BOUNDED PERTURBATIONS OF ORDINARY DIFFERENTIAL OPERATORS

AFOSR68-2382

RELATIVISTIC

RELATIVISTIC TRANSFORMATION LASS FOR THERMODYNAMICAL VARIABLES WITH APPLICATION TO THE CLASSICAL ELECTRON THEORY
RELATIVISTIC SPINOR FORMULATION OF STOKES PARAMETERS WITH APPLICATION TO THE INVERSE COMPTON EFFECT
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION
RELATIVISTIC POSITRON-ELECTRON BREMSSTRAHLUNG AT WIDE ANGLES A NUMERICAL CALCULATION
RELATIVISTIC NUCLEON-NUCLEON INTERACTIONS
RELATIVISTIC 3-DIMENSIONAL 2-BODY INTEGRAL EQUATIONS ON-SHELL AND OFF-SHELL FORMALISMS
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION II SPECTRAL CORRELATIONS
RELATIVISTIC MODEL FOR ELECTROPRODUCTION OF NUCLEON RESONANCES
RELATIVISTIC ENERGY BAND MODELS FOR GERMANIUM AND GREY TIN
RELATIVISTIC FORMULATION OF THE METHOD OF ORTHOGONALIZED PLANE WAVES
RELATIVISTIC BAND STRUCTURE OF GATE, SHTE, RITE, POSE AND PBS
RELATIVISTIC BAND STRUCTURE OF COMPOUND SEMICONDUCTORS
THE RELATIVISTIC POSITION OPERATOR AT SUBATOMIC LEVEL
THE RELATIVISTIC DOPPLER EQUATIONS FOR ATTENUATED WAVES AND THE DRAG EFFECT
ON THE RELATIVISTIC DYNAMICS OF POLARIZED SYSTEMS
STABILITY OF RELATIVISTIC MAGNETOHYDRODYNAMIC SHOCK WAVES
STABILITY OF RELATIVISTIC HALF-JET
RADIATION FROM RELATIVISTIC ELECTRONS FINAL REPORT APRIL 1967
CALCULATION OF RELATIVISTIC TRANSITION PROBABILITIES AND FORM FACTORS FROM NONCOMPACT GROUPS
ROUND STATES OF A RELATIVISTIC TWO-BODY HAMILTONIAN COMPARISON WITH THE BETHE-SALPETER EQUATION
CONTOUR DISTORTIONS IN RELATIVISTIC THREE-PARTICLE SCATTERING EQUATIONS
DERIVATION OF RENORMALIZED RELATIVISTIC PERTURBATION THEORY FROM FINITE LOCAL FIELD EQUATIONS
PHASE-SPACE SYMMETRIES OF A RELATIVISTIC PLASMA
THE 1967 TEXAS SYMPOSIUM ON RELATIVISTIC ASTROPHYSICS
THE DISPERSION FOR NONLINEAR RELATIVISTIC EQUATIONS WITH PARTIAL DERIVATIVES /FRENCH/
GROUP-THEORETIC APPROACH TO THE RELATIVISTIC THEORY OF SCATTERING
ON THE COVARIANT FORMULATION OF CLASSICAL RELATIVISTIC STATISTICAL MECHANICS
NOTES TOWARD THE CONSTRUCTION OF NONLINEAR RELATIVISTIC QUANTUM FIELDS I THE HAMILTONIAN IN TWO SPACE-TIME DIMENSIONS
EXTENSION OF THE CONTINUUM-DISTORTION METHOD IN RELATIVISTIC THREE-PARTICLE SCATTERING
GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART II RELATIVISTIC VELOCITIES
DERIVATION OF MASS SPIN AND MAGNETIC MOMENTS FROM CURRENT CONSERVATION IN RELATIVISTIC Q/Q 1/ AND Q/Q 2/ -
PERTURBATION THEORY EXPANSIONS THROUGH 20TH ORDER OF MASS POLARIZATION CORRECTION RELATIVISTIC EFFECTS & LAMB SHIFT OF

AFOSR67-0192
AFOSR67-1048
AFOSR67-1279
AFOSR67-1647
AFOSR67-2558
AFOSR67-2880
AFOSR68-1056
AFOSR68-1400
ARL 66-1407
ARL 66-1420
ARL 66-1421
ARL 66-1423
AFOSR67-1774
AFOSR68-2839
AFOSR68-1043
AFOSR68-1506
AFOSR68-1610
AFOSR67-1354
AFOSR67-2140
AFOSR67-1002
AFOSR67-2738
AFOSR67-2608
AFOSR68-2832
ARL 67-1332
AFOSR68-1386
AFOSR68-1863
AFOSR68-1029
AFOSR68-1386
AFOSR68-2272
AFOSR68-1024
AFOSR67-1746
AFOSR67-1653

RELATIVISTICALLY

RELATIVISTICALLY INTERSTREAMING BOUNDED PLASMA INTERACTIONS

AFOSR68-1043

RELATIVITY

RELATIVITY THEORY AND ASTROPHYSICS I RELATIVITY AND COSMOLOGY FINAL REPORT NOV 1967
RELATIVITY THEORY AND ASTROPHYSICS 2 GALACTIC STRUCTURE FINAL REPORT NOV 1967
RELATIVITY THEORY AND ASTROPHYSICS 3 STELLAR STRUCTURE FINAL REPORT NOV 1967
RELATIVITY AND COSMOLOGY W H SAUNDERS CO PHILADELPHIA 1968
EARTH EXPANSION GENERAL RELATIVITY PROBLEMS OF ABSTRACT ALGEBRA FINAL JUNE 1967
MAGNETIC CHARGE AND GENERAL RELATIVITY
MACRS PRINCIPLE AND GENERAL RELATIVITY
HAMILTON-JACOBI VERSION OF GENERAL RELATIVITY
RELATIVITY THEORY AND ASTROPHYSICS I RELATIVITY AND COSMOLOGY FINAL REPORT NOV 1967
SELF-ENERGY CONSIDERATIONS IN GENERAL RELATIVITY AND THE EXACT FIELDS OF CHARGE AND MASS DISTRIBUTIONS
HAMILTON-JACOBI QUANTIZATION OF GENERAL RELATIVITY
DYNAMICS OF PRESSURE-FREE MATTER IN GENERAL RELATIVITY
WEAK SOLUTIONS OF CONSERVATION LAWS IN GENERAL RELATIVITY
ANALYTIC CONTINUATION AND GLOBAL THEOREMS IN GENERAL RELATIVITY
15 NEWTONIAN PHYSICS THE ASYMPTOTIC LIMIT OF GENERAL RELATIVITY

AFOSR67-2687
AFOSR67-2688
AFOSR67-2689
AFOSR68-2194
ARL 67-0122
AFOSR67-1864
ARL 66-1080
AFOSR68-1976
AFOSR67-2687
AFOSR67-2688
AFOSR68-1024
AFOSR68-0297
AFOSR68-0284
AFOSR67-0147
ARL 66-1085

RELAXATION

RELAXATION TO EQUILIBRIUM OF A DILUTE PLASMA FINAL REPORT JAN 1967
RELAXATION OSCILLATIONS IN N-TYPE INSR AND RESPONSIVITY MEASUREMENTS IN THE FAR INFRARED
RELAXATION TO EQUILIBRIUM OF A DILUTE ELECTRON PLASMA
RELAXATION OF THE SUPERCONDUCTING ORDER PARAMETER
RELAXATION AND MOTION IN SIMPLE SYSTEMS FINAL REPORT MAY 1968
NMR RELAXATION MEASUREMENTS USING WAVEFORM BURSTS APPLICATION TO COO
SLOW RELAXATION EFFECTS IN MAGNETICALLY NONUNIFORM MATERIALS
TIME OF RELAXATION I UNBOUNDED MEDIUM
MAGNETIC RELAXATION PROPERTIES OF MAGNETITE POWDER DOWN TO LIQUID HELIUM TEMPERATURES
MAGNETIC RELAXATION NEAR A SECOND-ORDER PHASE-TRANSITION POINT
ANELASTIC RELAXATION IN NaCl
ULTRASONIC RELAXATION OF HYDRATE HELTS CALCIUM NITRATE TETRAHYDRATE
DIELECTRIC RELAXATION IN ISOMETRIC OCTYL ALCOHOLS
VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS
VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS WITH EXCHANGE-DOMINATED COLLISIONS
VIBRATIONAL RELAXATION IN C₆₀-D₂O₂ MIXTURES
VIBRATIONAL RELAXATION IN EXPANDING FLOWS
VIBRATIONAL RELAXATION IN EXPANDING PLASMA FLOWS
NUCLEAR SPIN RELAXATION IN A ROTATING TILTED REFERENCE FRAME
TEST-PARTICLE RELAXATION IN AN ELECTRON GAS DESCRIBED BY THE FOKKER-PLANCK KINETIC EQUATION
ELECTROSTATIC RELAXATION WAVES IN AN ISOTROPIC LORENTZ GAS
MEASUREMENT OF RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS BY THE ELECTRIC FIELD EFFECT ON CRITICAL OPALESCENCE
NUCLEAR MAGNETIC RELAXATION IN RARE-EARTH-DOPED CALCIUM FLUORIDE CRYSTALS AT LOW TEMPERATURES
DETERMINATION OF RELAXATION TIMES IN CYCLOTRON RESONANCE IN COPPER
NUCLEAR MAGNETIC RELAXATION TIMES OF HELIUM THREE IN HELIUM THREE - HELIUM FOUR SOLUTIONS
NUCLEAR MAGNETIC RELAXATION OF F-19 IN RARE EARTH DOPED LANTHANUM TRIFLUORIDE
ELECTRONIC ENERGY RELAXATION IN TOLUENE VAPOR
KINETIC THEORY AND RELAXATION PROCESSES OF WEAKLY IONIZED GASES
NUCLEAR SPIN LATTICE RELAXATION IN ALKALI HALIDES AT LOW TEMPERATURES
NUCLEAR SPIN-LATTICE RELAXATION VIA PARAMAGNETIC CENTERS
NUCLEAR SPIN-LATTICE RELAXATION IN CALCIUM FLUORIDE CRYSTALS VIA PARAMAGNETIC CENTERS
NUCLEAR SPIN-LATTICE RELAXATION STUDIES
NUCLEAR SPIN-LATTICE RELAXATION MEASUREMENTS BY TONE-BURST MODULATION
NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF CADMIUM SULFIDE
NUCLEAR SPIN-LATTICE RELAXATION IN SEMICONDUCTING CADMIUM SULFIDE
NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF CDS
CHLORINE AND DEUTERIUM RELAXATION TIME MEASUREMENTS IN LIQUID HCl AND DCI
NUCLEAR ZEEMAN-DIPOLAR CROSS-RELAXATION TIMES
DISLOCATION DYNAMICS IN STRESS RELAXATION

AFOSR67-0395
AFOSR67-1566
AFOSR67-1903
AFOSR67-2769
AFOSR68-1154
ARL 68-0301
AFOSR67-0351
AFOSR68-1698
AFOSR67-0354
AFOSR67-0568
ARL 67-1147
AFOSR67-2567
AFOSR68-2243
AFOSR67-1180
AFOSR68-1609
ARL 67-0209
ARL 67-1227
ARL 67-1233
AFOSR67-1043
AFOSR67-1912
ARL 68-0337
AFOSR67-2179
AFOSR67-0362
AFOSR67-0566
AFOSR67-2708
AFOSR68-2471
AFOSR68-2871
AFOSR68-0237
AFOSR67-1353
AFOSR68-0831
AFOSR68-0816
AFOSR68-1684
ARL 68-0123
ARL 68-0254
ARL 68-1424
ARL 68-1455
AFOSR67-2564
AFOSR67-1041
ARL 68-1165

RELAXATION

- CONTINUED

| | |
|--|--------------|
| RADIATIVE AND COLLISION-INDUCED RELAXATION OF ATOMIC STATES IN THE $2P^2$ CONFIGURATION OF NEON | AFOSR67-0309 |
| GENERALIZED PRANDTL-WEYER WAVES IN RELAXATION HYDRODYNAMICS | AFOSR67-1908 |
| MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING ORDINARY EPR SPECTROMETERS | ARL 66-0232 |
| ELECTRON RECOMBINATION ATTACHMENT AND RELAXATION IN NO AND CO | AFOSR68-0579 |
| SOME PROPERTIES OF GASES WITH VIBRATIONAL RELAXATION WHEN VIEWED AS MATERIALS WITH MEMORY | AFOSR68-1103 |
| ACCURATE MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING CW SPECTROMETERS | ARL 66-1480 |
| ELECTRIC FIELD EFFECT ON THE CRITICAL OPALSCENCE II RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS | AFOSR67-2108 |
| A NUCLEAR MAGNETIC RESONANCE INVESTIGATION OF PARAMAGNETIC RELAXATION IN VISCOUS SOLUTIONS | AFOSR68-0720 |
| IONIZED MERCURY GAS IN THE HEATED SHOCK TUBE THE MEASUREMENT OF RELAXATION TIMES AND ABSOLUTE INTENSITIES FINAL REPORT | AFOSR68-1930 |
| RELAXING | |
| APPROXIMATE ANALYSIS OF LINEARIZED INVISCID RELAXING GAS FLOW | AFOSR68-0846 |
| RELAY | |
| FORCED OSCILLATION OF A SECOND ORDER RELAY SYSTEM WITH DAMPING | AFOSR67-1025 |
| PERIODIC SOLUTIONS OF DIFFERENTIAL-DIFFERENCE EQUATIONS WITH RELAY CONTROL | AFOSR68-0301 |
| RELEASE | |
| RELEASE OF COORDINATED BEHAVIOR IN CRAYFISH BY SINGLE CENTRAL NEURONS | AFOSR67-0267 |
| OBSERVATIONS ON THE RELEASE OF A CLOUD OF BARIUM ATOMS AND IONS IN THE UPPER ATMOSPHERE | AFOSR67-0144 |
| SPECIFIC SPOT TESTS BASED ON THE RELEASE OF HYDROGEN CYANIDE FROM ACIDIC MERCURIC CYANIDE SOLUTION | ARL 66-0178 |
| TECTONIC MOVEMENT AND DEFORMATION RELEASE IN ALASKA FINAL REPORT JUNE 1968 | AFOSR68-1933 |
| CAPACITY OF THE NEUROHYDROPHYSIS TO RELEASE VASOPRESSIN | AFOSR68-0294 |
| MECHANISM OF DRUG-INDUCED CATECHOLAMINE RELEASE FROM ADRENERGIC NERVE GRANULES | AFOSR68-0867 |
| ROLE OF PERIPHERAL RECEPTORS IN THE INCREASED RELEASE OF VASOPRESSIN IN RESPONSE TO HEMORRHAGE | AFOSR68-0309 |
| SOME FACTORS AFFECTING CATECHOLAMINE UPTAKE STORAGE AND RELEASE IN ADRENERGIC NERVE GRANULES | AFOSR68-0872 |
| VASOPRESSIN ITS BIOASSAY AND THE PHYSIOLOGICAL CONTROL OF ITS RELEASE | AFOSR67-1721 |
| INHIBITORY ACTION OF ADRENERGIC BLOCKING AGENTS ON CATECHOLAMINE RELEASE AND UPTAKE IN ISOLATED NERVE GRANULES | AFOSR67-0500 |
| RELEASES | |
| PHOTO-OPTICAL MEASUREMENTS ON HIGH-ALTITUDE BARIUM RELEASES FINAL REPORT JUNE 1968 | AFOSR68-0358 |
| UPPER ATMOSPHERE O-ATOM DENSITIES BY WIND TUNNEL SIMULATION OF NITRIC OXIDE RELEASES | AFOSR67-0053 |
| RELEVANT | |
| TURBULENCE MEASUREMENTS RELEVANT TO JET NOISE | AFOSR67-0129 |
| RECENT PSYCHOLOGICAL RESEARCH RELEVANT TO THE HUMAN FACTORS ENGINEERING OF MAN-MACHINE SYSTEMS | AFOSR67-1824 |
| RELIABILITY | |
| RELIABILITY AND OPTIMUM DESIGN OF THE INTERCONNECTIONS OF A POWER SYSTEM | AFOSR67-1702 |
| RELIABILITY APPROXIMATIONS FOR COMPLEX STRUCTURES | AFOSR67-1918 |
| RELIABILITY AND LIFE TESTING | ARL 66-1253 |
| RELIABILITY AND LIFE TESTING | ARL 66-1470 |
| INTER-JUDGE RELIABILITY OF HUMAN FIGURE DRAWING MEASURES OF FIELD DEPENDENCE | AFOSR67-1836 |
| ON CUMULATIVE DAMAGE AND RELIABILITY OF COMPONENTS | ARL 66-0180 |
| ON CUMULATIVE DAMAGE AND RELIABILITY OF COMPONENTS | ARL 66-1262 |
| LOGIC NETS THEIR CHARACTERIZATION RELIABILITY AND EFFICIENT SYNTHESIS FINAL REPORT OCT 1967 | AFOSR67-0619 |
| HOW TO SHORTEN A TEST AND INCREASE ITS RELIABILITY AND VALIDITY | AFOSR68-2159 |
| MODELS ANALYSIS AND APPROXIMATIONS FOR SYSTEM RELIABILITY AND AVAILABILITY | AFOSR67-1434 |
| RELICHS | |
| RELICHS EMBEDDING THEOREM FOR A SPINY URCHIN | AFOSR68-0682 |
| REMAGNETIZATION | |
| REMAGNETIZATION OF FERROMAGNETIC MULTIPLE FILMS AT LIQUID HELIUM TEMPERATURES | AFOSR67-0433 |
| REMAINDER | |
| ASYMPTOTIC FORMULAS WITH REMAINDER ESTIMATES FOR EIGENVALUES OF ELLIPTIC OPERATORS | AFOSR68-1352 |
| REMAPPING | |
| SPATIAL REMAPPING IN THE PRIMATE VISUAL SYSTEM | AFOSR68-2245 |
| REMARK | |
| A REMARK ON THE SINGULAR CAUCHY PROBLEM FOR ALL VALUES OF THE TIME FOR THE EULER-POISSON-DARBOUX EQUATION | AFOSR67-0146 |
| A REMARK ON THE HANG-HANG PRINCIPLE FOR LINEAR CONTROL SYSTEMS IN INFINITE-DIMENSIONAL SPACE | AFOSR68-0769 |
| A REMARK ON DETERMINING THE NUMBER OF STATES OF A SEQUENTIAL MACHINE | AFOSR68-2102 |
| A REMARK ON PER LETTER CONVERGENCE FOR A DISCRETE CHANNEL | AFOSR68-2346 |
| REMARKABLE | |
| REMARKABLE ADRENERGIC NERVES IN THE PTOTRINE PANCREAS | AFOSR68-1016 |
| KOTZKEG-DE VRIES EQUATION AND GENERALIZATIONS I A REMARKABLE EXPLICIT NONLINEAR TRANSFORMATION | AFOSR68-2124 |
| REMARKS | |
| REMARKS ON INTEGRAL INEQUALITIES ON COMPLEX MANIFOLDS | AFOSR67-0118 |
| REMARKS CONCERNING INELASTIC ELECTRON SCATTERING FROM 3 HE | AFOSR67-1724 |
| REMARKS ON THE RECENT LITTE OBSERVATION OF MAGNETIC RESONANCE STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS | AFOSR67-1754 |
| REMARKS ON NONFOTONIC DECAYS IN $4u/3z$ SYMMETRY | AFOSR68-0150 |
| REMARKS ON SOME RECENT EXTENSIONS OF FILIPPOV'S IMPLICIT FUNCTIONS LEMMA | AFOSR68-0161 |
| REMARKS ON ALGEBRAIC DECOMPOSITION OF AUTOMATA | AFOSR68-1938 |
| REMARKS ON THE GALACTIC MAGNETIC FIELD | AFOSR68-1960 |
| REMARKS ON THE ADJUSTMENT OF ENERGY-COMPENSATED SPECTROFLUORIMETERS | ARL 66-0013 |
| SOME REMARKS ABOUT SPINWAVES AND ZERO SOUND IN LOW TEMPERATURE LIQUID He_3 | AFOSR67-0323 |
| SOME REMARKS ON THE FIELD THEORY FOR HIGHER SPIN | AFOSR67-0121 |
| SOME REMARKS ON AXIALLY-SYMMETRIC POTENTIAL THEORY | AFOSR67-0131 |
| SOME REMARKS ON THE STABILITY OF HYDROMAGNETIC SHOCK WAVES | AFOSR67-1263 |
| SOME REMARKS ABOUT THE LOCALIZATION OF STATES IN A QUANTUM FIELD THEORY | AFOSR67-2613 |
| SOME REMARKS ON TURBULENT SHEAR FLOWS | AFOSR68-0093 |
| SOME REMARKS ON SUPERCORRELATION RELATIONS | AFOSR68-0271 |
| SOME REMARKS ON CONTINUOUS ADDITIVE FUNCTIONALS | AFOSR68-0411 |
| SOME REMARKS ON THREE-DIMENSIONAL WAVES AND JETS | AFOSR68-0892 |
| SOME REMARKS ON THE POLARIZATION DATA FOR PION-NUCLEON SCATTERING | AFOSR68-1215 |
| SOME REMARKS ON FORWARD AND PI SCATTERING FOR RULES | AFOSR68-1242 |
| SOME REMARKS ON HEAT FLOW AND GRAVITY ANOMALIES | AFOSR68-1430 |
| SOME REMARKS ON A PAPER OF PAUL LEVY ON MADANARD MATRICES | AFOSR68-1762 |

| | | |
|--|-------------|--------------|
| REMARKS | - CONTINUED | |
| SOME CRITICAL REMARKS ON A NEW NUMERICAL METHOD FOR SIMULATION OF DYNAMICAL SYSTEMS | | AFOSR67-1018 |
| REMEASUREMENT | | |
| REMEASUREMENT OF THE CONVERSION CONSTANT LAMBDA | | AFOSR68-2722 |
| REMNANTS | | |
| NUCLEAR GAMMA RAYS FROM SUPERNOVA REMNANTS | | AFOSR67-1098 |
| SEARCH FOR GAMMA RADIATION FROM SUPERNOVA REMNANTS FINAL REPORT JAN 1967 | | AFOSR67-0410 |
| REMOIP | | |
| REMOTE CONTROL VISCOMETER | | AFOSR68-1698 |
| TOWARD ECONOMICAL REMOTE COMPUTER ACCESS | | AFOSR67-2018 |
| INSTABILITY OF FIRING THRESHOLD AND REMOTE ACTIVATION IN CORTICAL NEURONES | | AFOSR67-1047 |
| REMOVABLE | | |
| ON THE REMOVABLE SINGULAR SETS FOR SOLUTIONS OF ELLIPTIC EQUATIONS | | AFOSR68-2231 |
| POLAR SETS AND REMOVABLE SINGULARITIES OF PARTIAL DIFFERENTIAL EQUATIONS | | AFOSR67-1210 |
| REMOVAL | | |
| REMOVAL OF POINT-LOOP AMBIGUITIES THROUGH FINITE-PART RENORMALIZATION | | AFOSR67-0893 |
| VISUAL EVOKED POTENTIALS AS RECORDED FROM THE SCALP AND FROM THE VISUAL CORTEX BEFORE AND AFTER SURGICAL REMOVAL OF | | AFOSR67-1481 |
| RENAL | | |
| ROLE OF BINO AORTIC REPLEXES IN THE REGULATION OF EXPERIMENTAL RENAL HYPERTENSION DURING NATURAL SLEEP | | AFOSR68-0943 |
| RENDEZVOUS | | |
| OPTIMAL COOPERATIVE RENDEZVOUS OF LINEAR SINGLE INPUT SYSTEMS | | AFOSR67-1892 |
| RENORMALIZATION | | |
| BOGOLUBOV-PARASIUK-MEPP RENORMALIZATION THEOREM AND | | AFOSR67-2615 |
| ELECTRIC-AND MAGNETIC-CHARGE RENORMALIZATION II | | AFOSR67-0471 |
| ELECTRIC-AND MAGNETIC-CHARGE RENORMALIZATION I | | AFOSR67-0474 |
| REMOVAL OF POINT-LOOP AMBIGUITIES THROUGH FINITE-PART RENORMALIZATION | | AFOSR67-0593 |
| RENORMALIZED | | |
| DIVERGENCE OF RENORMALIZED VS CONVERGENCE OF REGULARIZED PERTURBATIVE EXPANSIONS IN A FIELDO-THEORETICAL MODEL | | AFOSR67-0582 |
| DERIVATION OF RENORMALIZED RELATIVISTIC PERTURBATION THEORY FROM FINITE LOCAL FIELD EQUATIONS | | AFOSR67-2608 |
| REPEATED | | |
| REPEATED DISCONTINUOUS YIELDING OF 2024 ALUMINUM ALLOY | | AFOSR68-1936 |
| THE MECHANICS OF REPEATED DISCONTINUOUS YIELDING OF METALS | | AFOSR67-1189 |
| THE MECHANICS OF REPEATED DISCONTINUOUS YIELDING OF METALS | | AFOSR68-0628 |
| A FURTHER ATTEMPT TO MODIFY HYPNOTIC SUSCEPTIBILITY THROUGH REPEATED INDIVIDUALIZED EXPERIENCE | | AFOSR67-2726 |
| REPETITION | | |
| THE RACHENBURG PHENOMENON FAILURES OF IMMEDIATE RECALL CORRELATED WITH REPETITION OF ELEMENTS WITHIN A STIMULUS | | AFOSR67-1829 |
| REPLACEMENT | | |
| ELFINDON SPIN RESONANCE STUDY OF HYDROGEN ADDITION AND - REPLACEMENT REACTIONS IN SOME PYRIMIDINE COMPOUNDS | | AFOSR67-2282 |
| REPLACEMENTS | | |
| ON THE THEORY OF BOOLEAN FORMULAS SUBSTITUTION REPLACEMENTS AND PRIME FORMULAS | | AFOSR67-0841 |
| REPLICATION | | |
| A NOTE ON REPLICATION IN /N R/-SYSTEMS | | AFOSR67-0906 |
| FURTHER COMMENTS ON REPLICATION IN /N R/-SYSTEMS | | AFOSR67-1705 |
| REPLY | | |
| REPLY TO TRANSDUCER POWER GAIN IN OPTIMALLY MATCHED NETWORKS | | AFOSR68-2643 |
| REPLY BY AUTHOR TO M H SEATRAINS COMMENT | | ARL 67-0074 |
| REPORTED | | |
| A COMPARISON OF REPORTED SOLAR FLARE OCCURRENCE TIMES AND FLARE PATROL TIMES 1955-1964 | | AFOSR67-0695 |
| REPORTS | | |
| THE USE OF PAIN-STAFF REPORTS IN THE STUDY OF HYPNOTIC ANALGESIA TO THE PAIN OF ICE WATER | | AFOSR67-2729 |
| A STATISTICAL SUMMARY OF SOLAR FLARE REPORTS AND OBSERVATORY PRACTICES FOR THE PERIOD 1955 - 1964 | | AFOSR67-0105 |
| A SUMMARIZATION OF TECHNICAL AND SCIENTIFIC REPORTS ISSUED BY THE IONOSPHERE RESEARCH LABORATORY - PAPERS PRESENTED | | AFOSR67-0466 |
| EXPERIMENTAL INVESTIGATIONS OF CRITICAL PHENOMENA PUBLISHED IN REPORTS ON PROGRESS IN PHYSICS V30 PTE PP731-868 1967 | | AFOSR68-0268 |
| THE TURBULENCE CLIMATOLOGY OF THE UNITED STATES BETWEEN 20,000 AND 48,000 FEET ESTIMATED FROM AIRCRAFT REPORTS AND | | AFOSR68-0337 |
| REPRESENTATION | | |
| REPRESENTATION MIXING IN U-TWOOLE-12 | | AFOSR67-1346 |
| REPRESENTATION THEORY OF LOCAL CURRENT ALGEBRAS | | AFOSR68-0926 |
| REPRESENTATION THEOREMS FOR POSITIVE RATIONAL FUNCTIONS | | AFOSR68-2899 |
| REPRESENTATION OF BINAURAL STIMULI BY SINGLE UNITS IN PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS | | AFOSR68-2778 |
| REPRESENTATION OF THE THREE-DIMENSIONAL ROTATION GROUP IN TERMS OF DIRECTION AND ANGLE OF ROTATION, | | ARL 68-0224 |
| A REPRESENTATION SYSTEM FOR PARSING PROCEDURES | | AFOSR68-1301 |
| A REPRESENTATION OF A BOUNDED FUNCTION AS INFINITE PRODUCT IN A DOMAIN WITH BERGMAN-SHILOV BOUNDARY SURFACES | | AFOSR68-2602 |
| ON THE REPRESENTATION OF LIMITED INFORMATION BY MEANS OF PICTURES TREES AND ENGLISH-LIKE SENTENCES | | AFOSR68-1343 |
| COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE THEORY | | AFOSR67-0380 |
| COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE THEORY | | AFOSR67-1731 |
| INTEGRAL REPRESENTATION OF INVARIANT STATES OF B-ALGEBRAS | | AFOSR67-1859 |
| INTEGRAL REPRESENTATION ON COMPACT CONVEX SETS | | AFOSR67-1560 |
| FUNCTIONAL REPRESENTATION OF TOPOLOGICAL ALGEBRAS | | AFOSR68-2478 |
| ON IRREDUCIBLE REPRESENTATION OF A CLASS OF ALGEBRAS AND RELATED PROJECTIVE REPRESENTATIONS | | AFOSR67-0793 |
| USE OF THE DYSON REPRESENTATION IN CURRENT-ALGEBRA CALCULAT | | AFOSR68-2267 |
| FUNCTIONAL INTEGRAL REPRESENTATION OF NONEQUILIBRIUM STATISTICAL MECHANICS | | AFOSR67-2186 |

REPRESENTATION - CONTINUED

| | |
|--|--------------|
| REFORMULATION OF THE REPRESENTATION OF TRANSPORT COEFFICIENTS USING THE AUTOCORRELATION-FUNCTION FORMALISM AND THE DIAGONAL COHERENT-STATE REPRESENTATION OF QUANTUM OPERATORS | AFOSR66-0046 |
| COMPUTER PROGRAMS INTERNAL REPRESENTATION FINAL REPORT MAY 1968 | AFOSR67-1481 |
| UNITARITY AND THE MANOULSTAM REPRESENTATION I MOMENT CONDITIONS FOR THE DOUBLE SPECTRAL FUNCTIONS | AFOSR68-0319 |
| SECOND QUANTIZATION AS A GRADED HILBERT SPACE REPRESENTATION | AFOSR68-1130 |
| ELECTROMAGNETIC MASS SHIFTS EQUAL-TIME COMMUTATORS AND JOSEPHSON-LPMANN REPRESENTATION | AFOSR68-1638 |
| REPRESENTATIONS | |
| REPRESENTATIONS OF THE ALGEBRA OF ALL OPERATORS IN HILBERT SPACE AND RELATED ANALYTIC FUNCTION ALGEBRAS | AFOSR67-2848 |
| ON REPRESENTATIONS OF PROBLEMS OF REASONING ABOUT ACTIONS | AFOSR68-1327 |
| ON REPRESENTATIONS AND MODELING IN PROBLEM SOLVING AND ON FUTURE DIRECTIONS FOR INTELLIGENT SYSTEMS | AFOSR68-1980 |
| SERIES REPRESENTATIONS OF DISTRIBUTIONS OF QUADRATIC FORMS IN NORMAL VARIABLES II NON-CENTRAL CASE | AFOSR67-0406 |
| UNITARY REPRESENTATIONS OF $U(2, 2)$ AND MASSLESS FIELDS | AFOSR68-1049 |
| SPECTRAL REPRESENTATIONS FOR SYMMETRY-BREAKING PARAMETERS | AFOSR68-0722 |
| PARAMETRIC REPRESENTATIONS OF GAS-SURFACE INTERACTION DATA AND THE PROBLEM OF SLIP-FLow BOUNDARY CONDITIONS WITH | AFOSR68-0864 |
| STUDY OF SPECTRAL REPRESENTATIONS FOR SIMPLE QUANTUM-MECHANICAL SYSTEMS | AFOSR67-2196 |
| MATRIX ELEMENTS OF REPRESENTATIONS OF NON-COMPACT GROUPS IN A CONTINUOUS BASIS | AFOSR68-1152 |
| NUMERICAL OPERATIONS FOR REPRESENTATIONS OF THE CANONICAL COMMUTATION RELATIONS | AFOSR68-1370 |
| UNITARY AND ANTIUNITARY RAY REPRESENTATIONS OF THE PRODUCT OF N COMMUTING PARITY OPERATORS | AFOSR67-0700 |
| PFYNNAN DIAGRAMS FOR UNITARY REPRESENTATIONS OF $SL(2, C)$ | AFOSR67-1632 |
| SUPERCONVERGENT AMPLITUDES AND REPRESENTATIONS OF $SL(2, R)$ | AFOSR68-1213 |
| FREE MASSLESS FIELDS AS INFINITE-DIMENSIONAL REPRESENTATIONS OF THE LORENTZ GROUP | AFOSR68-2212 |
| ON IRREDUCIBLE REPRESENTATION OF A CLASS OF ALGEBRAS AND RELATED PROJECTIVE REPRESENTATIONS | AFOSR67-0703 |
| SELECTION RULES AND THE DECOMPOSITION OF THE KRONECKER SQUARE OF IRREDUCIBLE REPRESENTATIONS | AFOSR68-2132 |
| REPRESENTED | |
| THEORY OF DYNAMICAL SYSTEMS REPRESENTED BY DIFFERENTIAL EQUATIONS AND ALGEBRAIC STRUCTURES | AFOSR68-2209 |
| REPRESENTING | |
| ON A FORM REPRESENTING A LARGE COLLECTION OF PRINFS | AFOSR67-2153 |
| FOUNDATIONS OF THE VALUE OF A DIRICHLET INTEGRAL REPRESENTING A COEFFICIENT OF APPARENT MASS | ARL 67-1276 |
| REPRODUCING | |
| SOME APPLICATIONS OF REPRODUCING KERNEL HILBERT SPACES | AFOSR68-1973 |
| REPROGRAMMING | |
| REPROGRAMMING OF THE SONIC OUTPUT OF THE DOLPHIN SONIC BURST-COUNT MATCHING FINAL REPORT MARCH 1968 | AFOSR68-0518 |
| REPULSIVE | |
| STABILITY CONDITIONS FOR A BOSON SYSTEM INTERACTING WITH A PARTLY REPULSIVE AND PARTLY ATTRACTIVE POTENTIAL | AFOSR67-0597 |
| REQUIRED | |
| AMOUNT OF FOUR-PARTICLE PRODUCTION REQUIRED IN S-MATRIX THEORY | AFOSR67-1720 |
| REQUIREMENTS | |
| STEREOELECTRONIC REQUIREMENTS FOR THE TYPE II CLEAVAGE OF CIS- AND TRANS-4-T-BUTYLCYCLOHEXANONES | AFOSR68-1556 |
| DECARBONYLATION STUDIES IN THE ENO-AND PATRICYCLO 3,2,1,0,2,4-OCTEN-8-ONE SERIES STEREOELECTRONIC REQUIREMENTS FOR | AFOSR68-0769 |
| RESCATTERING | |
| RESCATTERING EFFECTS IN THREE-PARTICLE FINAL STATES I - THE MODEL | AFOSR68-0747 |
| RESCATTERING EFFECTS IN THREE-PARTICLE FINAL STATES II - NUMERICAL RESULTS | AFOSR68-0748 |
| RESCUE | |
| OPTICAL SYSTEMS FOR NIGHT TIME AIR-SEA RESCUE | ARL 67-1323 |
| RESEARCH | |
| RESEARCH DIRECTED TOWARD THE STUDY OF INFRARED TRANSMISSION THROUGH VARIOUS ATMOSPHERES FINAL REPORT DEC 1966 | AFOSR67-0057 |
| RESEARCH IN MULTIPLE ALTERNATIVE COMMUNICATIONS FINAL REPORT NOV 1966 | AFOSR67-0130 |
| RESEARCH ON THE THEORY AND DESIGN OF ACTIVE NETWORKS FINAL REPORT SEPT 1966 | AFOSR67-0040 |
| RESEARCH DIRECTED TOWARD THE STUDY OF SEISMICITY IN THE SOUTHEASTERN UNITED STATES FINAL REPORT JAN 1967 | AFOSR67-0049 |
| RESEARCH ON OBJECTIVE WEATHER FORECASTING ON THE COMPUTATION OF INITIAL WIND FIELDS FOR THE INTEGRATION OF THE | AFOSR67-0093 |
| RESEARCH ON INFORMATION PROCESSING IN THE CENTRAL SYSTEM FINAL REPORT AUG 1967 | AFOSR67-0145 |
| RESEARCH ON FLUID DYNAMICAL MODELS OF THE LARGE SCALE ATMOSPHERIC CIRCULATIONS FINAL REPORT APR 1967 | AFOSR67-0166 |
| RESEARCH AND DEVELOPMENT OF ANALOG MODELS | AFOSR67-0185 |
| RESEARCH IN FERROMAGNETICS - PART I | AFOSR67-0204 |
| RESEARCH IN FERROMAGNETICS - PART II FINAL REPORT FEB 1967 | AFOSR67-0205 |
| RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION | AFOSR67-0207 |
| RESEARCH ON STRIPE DOMAIN STRUCTURES IN FERROMAGNETIC METAL FILMS FINAL REPORT JAN 1967 | AFOSR67-0219 |
| RESEARCH DIRECTED TOWARD MEASUREMENT OF THE ENERGETIC CHARGED PARTICLE ENVIRONMENT IN NEAR-EARTH SPACE FINAL REPORT | AFOSR67-0231 |
| RESEARCH ON RELATIONS BETWEEN COSMETRY SOLAR AND UPPER ATMOSPHERIC PROCESSES FINAL REPORT APR 1967 | AFOSR67-0303 |
| RESEARCH DIRECTED TOWARD THE STUDY OF MOLECULAR BAND INTENSITIES AND DERIVED QUANTITIES FINAL REPORT MAY 1967 | AFOSR67-0306 |
| RESEARCH INTO THE SCATTERING OF ELECTROMAGNETIC ENERGY FROM HIGHLY CONDUCTING BODIES FINAL REPORT MAY 1967 | AFOSR67-0329 |
| RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1967 | AFOSR67-0346 |
| RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODES | AFOSR67-0365 |
| RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEM | AFOSR67-0370 |
| RESEARCH DIRECTED TOWARD DETERMINATION OF RADIATIVE PROPERTIES AND COMPOSITION OF THE ATMOSPHERE FINAL REPORT APR 1967 | AFOSR67-0386 |
| RESEARCH IN THE FIELD OF HIGH RESOLUTION INFRARED SPECTROSCOPY FINAL REPORT JAN 1967 | AFOSR67-0437 |
| RESEARCH DIRECTED TOWARD THE STUDY OF FAR INFRARED ABSORPTION CONTOURS FINAL REPORT JULY 1967 | AFOSR67-0482 |
| RESEARCH DIRECTED TOWARD THE STUDY OF IONIC AND NEUTRAL SPECIES IN THERMAL PLASMAS FINAL REPORT SEPT 1967 | AFOSR67-0500 |
| RESEARCH IN ENERGY CONVERSION FINAL REPORT SEPT 1967 | AFOSR67-0512 |
| RESEARCH DIRECTED TOWARD THE ELECTRON MICROANALYSIS OF MINERAL PHASES IN CHONDRITE METEORITES FINAL REPORT SEPT 1967 | AFOSR67-0599 |
| RESEARCH IN THEORETICAL AND MODEL SEISMOLOGY FINAL REPORT NOV 1967 | AFOSR67-0600 |
| RESEARCH IN FOUR-DIMENSIONAL DIAGNOSIS OF CYCLONIC STORM CLOUD SYSTEMS FINAL REPORT OCT 1967 | AFOSR67-0617 |
| RESEARCH TOWARD FEASIBILITY OF AN INSTRUMENT FOR MEASURING VERTICAL GRADIENTS OF GRAVITY FINAL REPORT OCT 1967 | AFOSR67-0631 |
| RESEARCH ON ELECTRONIC INTERACTION IN MATERIALS AND ON DATA PROCESSING THEORY FINAL REPORT NOV 1967 | AFOSR67-0657 |
| RESEARCH IN ELECTROMAGNETIC RADIATION AND ANTENNAS A SUMMARIZING REVIEW FINAL REPORT DEC 1967 | AFOSR67-0657 |
| RESEARCH ON SINGLE CRYSTAL ELECTRON EMITTERS FINAL REPORT NOV 1967 | AFOSR67-0659 |
| RESEARCH DIRECTED TOWARD THE COLLECTION REDUCTION AND EVALUATION OF GEOMAGNETIC FIELD DATA FINAL REPORT JAN 1968 | AFOSR68-0014 |
| RESEARCH ON RADIATION EFFECTS IN SOLIDS FINAL REPORT DEC 1967 | AFOSR68-0019 |
| RESEARCH ON INFRARED CELESTIAL BACKGROUNDS FINAL REPORT DEC 1967 | AFOSR68-0041 |
| RESEARCH STUDIES AND INVESTIGATION OF METEOROLOGICAL PHENOMENA FINAL REPORT APR 1968 | AFOSR68-0068 |
| RESEARCH AND DEVELOPMENT OF PARALLEL-HYBRID MODELS | AFOSR68-0147 |
| RESEARCH ON THE PREPARATION OF PURE METALS FINAL REPORT FEB 1968 | AFOSR68-0151 |
| RESEARCH DIRECTED TOWARD THE DESIGN AND FABRICATION OF A SOLAR ATMOSPHERIC DISH PAN EXPERIMENT FINAL REPORT MAR 1968 | AFOSR68-0177 |
| RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION | AFOSR68-0186 |

RESEARCH IN NUMERICAL DYNAMICAL AND OPERATIONAL WEATHER FORECAST PROCEDURES FINAL REPORT APR 1968
 RESEARCH DIRECTED TOWARD UNDERSTANDING BEHAVIOR AND DETECTION OF PLASMAS IN MAGNETIC FIELD FINAL REPORT APR 1968
 RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEMS FINAL REPORT MAY 1968
 RESEARCH DIRECTED TOWARD OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1968
 RESEARCH DIRECTED TOWARD EXCITATION OF MAGNETOACOUSTIC WAVES AT HIGH-POWER FREQUENCIES FINAL REPORT AUG 1968
 RESEARCH DIRECTED TOWARD THE STUDY OF CHEMICAL REACTIONS OF EXCITED ATMOSPHERIC SPECIES FINAL REPORT JUNE 1968
 RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODER FINAL REPORT SEPT 1968
 RESEARCH IN MEASUREMENT OF RATIOS OF POLARIZATION TO ABSORPTION FOR STARS ALONG THE MILKY WAY FINAL REPORT SEPT 1968
 RESEARCH IN GEOMAGNETICS FINAL REPORT SEPT 1968
 RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC
 RESEARCH IN ASTROPHYSICS FINAL REPORT OCT 1968
 RESEARCH IN THE DESIGN, DEVELOPMENT AND CONSTRUCTION OF NON-MAGNETIC SENSORS FOR MAGNETIC FIELD-CHARGED PARTICLE
 RESEARCH ON STRUCTURE CHARACTERIZATION OF CONTINUOUS FILAMENTS MATERIALS
 RESEARCH IN SEISMOLOGY
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON VORTICITY IN SUPERFLUID HELIUM FINAL REPORT DEC 1968
 RESEARCH ON TRANSPORT AND TRANSFORMATION IN CONTINUA FINAL REPORT DEC 1968
 RESEARCH IN EXPERIMENTAL AND THEORETICAL LOW-ENERGY NUCLEAR PHYSICS FINAL REPORT JAN 1967
 RESEARCH ON CYBERNETIC INVESTIGATION OF LEARNING AND RECEPTION FINAL REPORT JAN 1967
 RESEARCH ON NON-EQUILIBRIUM STATISTICAL PHYSICS FINAL REPORT OCT 1966
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL II-AN INVESTIGATION OF THE VARIOUS PLASMA DISCHARGES SURROUNDING A
 RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL I THE DEVELOPMENT OF A CW TRAVELING WAVE ACCELERATOR FOR THE
 RESEARCH ON OPTICAL COHERENCE FINAL REPORT DEC 1966
 RESEARCH ON THE ANALOGICAL SIMULATION OF NEURAL BEHAVIOR FINAL REPORT JUNE 1967
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH PROGRAMS FOR ALFVÉN DETECTION AND IDENTIFICATION OF PATHOGENS FINAL REPORT JULY 1967
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON ENERGY ABSORBING STRUCTURES PART V
 RESEARCH IN THEORETICAL SOLID STATE PHYSICS FINAL REPORT OCT 1967
 RESEARCH ANALYSIS IN THE LIPP SCIENCE FINAL REPORT NOV 1967
 RESEARCH IN STATISTICAL MECHANICS FINAL REPORT OCT 1967
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS FINAL REPORT DEC 1967
 RESEARCH ON ENERGY CONVERSION IN FLOWING SYSTEMS FINAL REPORT JAN 1968
 RESEARCH ON COMBUSTION PROCESSES AT HIGH SPEED AND AT LOW PRESSURES FINAL REPORT DEC 1967
 RESEARCH ON ENERGY ABSORBING STRUCTURES PART VI FINAL REPORT MARCH 1968
 RESEARCH IN PHOTONICS AND PHOTOCHEMISTRY FINAL REPORT FEB 1968
 RESEARCH ON OPTICAL COHERENCE FINAL REPORT DEC 1967
 RESEARCH ON THEORETICAL HIGH ENERGY PHYSICS AND QUANTUM THEORY OF MANY PARTICLE SYSTEMS FINAL REPORT DEC 1967
 RESEARCH IN THE RESTRICTED PROBLEMS OF THREE AND FOUR BODIES
 RESEARCH IN OPTIMIZATION THEORY AND AEROSPACE APPLICATIONS FINAL REPORT APRIL 1968
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I THE AND EXPERIMENTAL STUDY OF A 70 DEGREE BLUNT DELTA WING FOR
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE
 RESEARCH ON PLASMA DYNAMICS AND MAGNETOACOUSTICS
 RESEARCH IN STATISTICS INFORMATION THEORY AND ANALYSIS FINAL REPORT JULY 1968
 RESEARCH IN NUCLEAR ACOUSTIC RESONANCE A SUMMARY
 RESEARCH IN ATMOSPHERIC PHYSICS
 RESEARCH AND DEVELOPMENT LABORATORY MANAGEMENT KNOWLEDGE UTILIZATION STUDY FINAL REPORT JULY 1968
 RESEARCH IN NONFERN CONTROL THEORY FINAL REPORT 1968
 RESEARCH ON THE STABILITY OF THE BODY-CENTERED-CUBIC STRUCTURE IN METALS AND ALLOYS FINAL REPORT AUG 1968
 RESEARCH REPORT ON TRANSPORT THEORY FOR MULTI-COMPONENT PLASMA
 RESEARCH PROGRAMS FOR ALFVÉN DETECTION AND IDENTIFICATION OF PATHOGENS
 RESEARCH IN ELEMENTARY PARTICLE PHYSICS FINAL REPORT JUNE 1968
 RESEARCH IN SYSTEM THEORY FINAL REPORT OCT 1968
 RESEARCH OF TWO-DIMENSIONAL TRANSIC FLOW PATTERNS OF COMP FLUIDS FINAL REPORT OCT 1968
 RESEARCH ON POWER GENERATION ELECTROGASDYNAMIC ENERGY CONVERSION FINAL REPORT 15 APRIL 1966
 RESEARCH ON HYPERSONIC FLOWS FINAL REPORT JAN 1967
 RESEARCH AND INVESTIGATION OF OPTICAL PROPERTIES OF SEMI CONDUCTING CRYSTALS FINAL REPORT MARCH 1967
 RESEARCH ON PLASMA HEAT TRANSFER FINAL REPORT MARCH 1967
 RESEARCH ON SOLUTIONS OF THE GRAVITATIONAL FIELD EQUATIONS FINAL REPORT PER I
 RESEARCH ON MIXING OF COAXIAL STREAMS FINAL REPORT MARCH 1967
 RESEARCH ON PLASMA DIAGNOSTIC METHODS FOR HIGH TEMPERATURE PLASMA RESEARCH FINAL REPORT MARCH 1967
 RESEARCH ON ADVANCED GAS DYNAMIC TEST FACILITIES FINAL REPORT APRIL 1967
 RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS
 RESEARCH IN SEQUENTIAL FACTORIAL DESIGNS FINAL REPORT JULY 1967
 RESEARCH ON IMPROVED II-VI CRYSTALS
 RESEARCH IN SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARLATED ORGANOSILICON COMPOUNDS FINAL REPORT JULY 1967
 RESEARCH ON THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH-EFFICIENCY COS THIN-FILM SOLAR CELLS
 RESEARCH ON ELECTROSTATIC CHARGED DROPLET STREAMS, FINAL REPORT OCT 1967
 RESEARCH ACTIVITIES AT THE SULPHUR GROVE OBSERVATORY, 1965-1967
 RESEARCH ON FLUID DYNAMICS IN JAPAN
 RESEARCH IN HIGH TEMPERATURE PLASMA
 RESEARCH ON FLUID DYNAMICS IN JAPAN
 RESEARCH ON DEFECT CONTROLLED ELECTRICAL PROPERTIES OF RUTILE, FINAL REPORT APRIL 1968
 RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS FINAL REPORT MAY 1968
 RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME I - MERCURY CONDENSATION EXPERIMENTS
 RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME II - CONDENSATION EXPERIMENTS IN A
 RESEARCH ON IMPROVED II-VI CRYSTALS
 RESEARCH ON ELECTRICAL CONDUCTIVITY AND CONDUCTION MECHANISMS IN ALUMINA FINAL REPORT AUGUST 1968
 RESEARCH NOTES - PLASMA DIFFUSION INTO A SIDE ARM
 RESEARCH ON HYPERSONIC STABILITY DERIVATIVES IN PITCH FOR BLUNTED SLENDER CONES
 RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO AEROSPACE PROBLEMS
 RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO AEROSPACE PROBLEMS
 RESEARCH IN MULTICOMPONENT FLOW
 DVL RESEARCH EFFORTS IN THE FIELD OF PLASMA ACCELERATION
 WND RESEARCH AT THE NUCLEAR RESEARCH CENTER /KFA/ IN JULICH GERMANY
 ARL RESEARCH APPLICATIONS TO VISTOL AIRCRAFT
 FROM RESEARCH TO APPLICATION A FOLLOW-UP EFFECTIVENESS STUDY OF GRANT AF-AFOSR 177-63 COMPUTER ANALYSIS AND SYNTHESIS
 SOLAR RESEARCH AND DEVELOPMENT AT SACRAMENTO PEAK OBSERVATORY FINAL REPORT JAN 1967
 SOLAR RESEARCH AND INSTRUMENTATION PROGRAMS AT SACRAMENTO PEAK OBSERVATORY AND HIGH ALTITUDE OBSERVATORY FINAL REPORT
 BASIC RESEARCH IN GRAVITATION FINAL REPORT MARCH 1968
 BASIC RESEARCH ON SYNTHESIS OF NEW PHOSPHORUS-NITROGEN REAGENTS FINAL REPORT MAY 1968
 BASIC RESEARCH ON THE SEPARATION OF SCANDIUM, YTTRIUM, AND THE RARE EARTHS BY SOLVENT EXTRACTION FINAL REPORT DECEMBER
 PART I RESEARCH ON THE METROGENOUS STRUCTURE OF THE SOLAR ATMOSPHERE A PROGRESS REPORT 1964-6 PART II LAMBDA-METER NO
 RECENT RESEARCH ON THE MAGNETOSPHERIC PLASMA PAUSE
 RECENT RESEARCH AND MILITARY MANAGEMENT FINAL REPORT OCT 1968
 RECENT RESEARCH AT HIS INSTITUTE DEALING WITH ELECTRICAL MEASUREMENTS AND CONTACT PROPERTIES OF II-VI COMPOUNDS
 RECENT RESEARCH CONCERNING SOLID STATE PHENOMENA IN INSULATING CRYSTALS PERFORMED AT HIS INSTITUTE
 FURTHER RESEARCH ON OPTICAL TRANSMISSION LINES
 FURTHER RESEARCH ON THE EFFECT OF TEST MACHINE EXTENSIONAL RIGIDITY ON THE INITIAL BUCKLING LOAD OF UNREINFORCED
 CURRENT RESEARCH ON THE DEFECT STRUCTURE AND TRANSPORT PROPERTIES OF COMPOUND SEMICONDUCTORS AT AIRI
 INTENSIVE RESEARCH IN PROBABILITY THEORY
 REPORT ON RESEARCH
 CHEMISTRY RESEARCH AT THE AEROSPACE RESEARCH LABORATORIES
 AEROSPACE RESEARCH IN ARC TECHNOLOGY AND ITS INDUSTRIAL APPLICATIONS

APCRL68-0206
 APCRL68-0210
 APCRL68-0266
 APCRL68-0313
 APCRL68-0419
 APCRL68-0466
 APCRL68-0478
 APCRL68-0484
 APCRL68-0531
 APCRL68-0583
 APCRL68-0584
 APCRL68-0585
 AFML 67-0290
 AFOSR67-0178
 AFOSR67-0382
 AFOSR67-0397
 AFOSR67-0401
 AFOSR67-0608
 AFOSR67-0861
 AFOSR67-0927
 AFOSR67-0968
 AFOSR67-0977
 AFOSR67-0979
 AFOSR67-1116
 AFOSR67-1313
 AFOSR67-1788
 AFOSR67-2006
 AFOSR67-2411
 AFOSR67-2484
 AFOSR67-2504
 AFOSR67-2603
 AFOSR67-2779
 AFOSR68-0002
 AFOSR68-0254
 AFOSR68-0467
 AFOSR68-0489
 AFOSR68-0493
 AFOSR68-0880
 AFOSR68-0910
 AFOSR68-0912
 AFOSR68-1030
 AFOSR68-1035
 AFOSR68-1036
 AFOSR68-1037
 AFOSR68-1106
 AFOSR68-1480
 AFOSR68-1546
 AFOSR68-1629
 AFOSR68-1654
 AFOSR68-1969
 AFOSR68-1982
 AFOSR68-2010
 AFOSR68-2180
 AFOSR68-3313
 AFOSR68-2405
 AFOSR68-2472
 ARL 67-0008
 ARL 67-0009
 ARL 67-0042
 ARL 67-0043
 ARL 67-0053
 ARL 67-0058
 ARL 67-0062
 ARL 67-0069
 ARL 67-0070
 ARL 67-0141
 ARL 67-0149
 ARL 67-0159
 ARL 67-0190
 ARL 67-0211
 ARL 67-1098
 ARL 67-1206
 ARL 67-1303
 ARL 68-0061
 ARL 68-0065
 ARL 68-0096
 ARL 68-0142
 ARL 68-0143
 ARL 68-0153
 ARL 68-0154
 ARL 68-0225
 ARL 68-1117
 ARL 68-1313
 ARL 68-1324
 ARL 68-1389
 ARL 68-1018
 ARL 68-1040
 ARL 68-1401
 AFOSR67-1819
 APCRL67-0106
 APCRL67-0390
 AFOSR68-0642
 ARL 68-0101
 ARL 68-0210
 APCRL67-0094
 AFOSR68-2709
 AFOSR68-2183
 ARL 67-1295
 ARL 67-1314
 AFOSR67-1113
 AFOSR67-1588
 ARL 68-1156
 AFOSR68-2625
 ARL 67-0136
 ARL 67-1236
 ARL 68-1325

SURVEY ON RESEARCH ON G-MACHINE PLASMAS
 SHOCK TUBE RESEARCH - ASTROPHYSICAL QUANTITIES FINAL REPORT FEB 1968
 OCTAGONAL RESEARCH SATELLITE MARK III OVS-1 (ERS 27) FINAL REPORT APR 1968
 IONOSPHERIC RESEARCH USING SATELLITES
 IONOSPHERIC RESEARCH USING SATELLITES
 IONOSPHERIC RESEARCH FINAL REPORT JUNE 1967
 IONOSPHERIC RESEARCH USING SATELLITES
 IONOSPHERIC RESEARCH FINAL REPORT FEB 1968
 IONOSPHERIC RESEARCH USING SATELLITES
 IONOSPHERIC RESEARCH IN SUPPORT OF ATMOSPHERIC IONIZATION EFFECTS
 IONOSPHERIC RESEARCH USING SATELLITES
 SOME RECENT RESEARCH ON COHERENCE AND FLUCTUATIONS OF LIGHT
 FOUNDATIONS RESEARCH IN PHYSICS
 EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES AND CREATIVE ABILITIES FINAL REPORT APRIL 1967
 THERMOPTICAL RESEARCH IN ASTROPHYSICS FINAL REPORT OCT 1967
 IONOSPHERIC RESEARCH FINAL REPORT MARCH 1968
 THERMOTICAL RESEARCH IN KINETIC THEORY AND RAREFIED GAS DYNAMICS
 PROBLEMS IN RESEARCH ON ELECTRIC ARC TECHNOLOGY
 U.S.-GERMAN RESEARCH COOPERATION IN MHD
 MATHEMATICAL RESEARCH ON COING THEORY FINAL REPORT DEC 1966
 THE DISASTER RESEARCH CENTER SIMULATION STUDIES OF UNDER STRESS FINAL REPORT FEB 1967
 SPACETIMING RESEARCH FINAL REPORT MAY 1967
 SOLAR PHYSICS RESEARCH AT OBSERVATORIO ASTROFISICO DE ARCATI
 BASIC CHEMICAL RESEARCH IN AUSTRALIA
 FLUID MECHANICS RESEARCH FINAL REPORT JULY 1967
 RADIO ASTRONOMY RESEARCH FINAL REPORT MARCH 1968
 ON MATHEMATICAL RESEARCH FOR ARTIFICIAL INTELLIGENCE
 ZIMCONIA-MAFNIA RESEARCH
 COMPUTER SCIENCE RESEARCH REVIEW
 COMPUTER SCIENCE RESEARCH REVIEW
 SOME PROBLEMS IN RESEARCH ON ELECTRIC ARC TECHNOLOGY
 CRYOPTIC PHYSICS RESEARCH FINAL REPORT FEB 1967
 PROGRAM OF SYSTEM RESEARCH FINAL REPORT DEC 1968
 INDUCTIVE INTERFERENCE RESEARCH STATUS SPRING 1967 FINAL REPORT JULY 1967
 INDUCTIVE INTERFERENCE RESEARCH STATUS SPRING 1967 FINAL REPORT JULY 1967
 RECENT PSYCHOLOGICAL RESEARCH RELEVANT TO THE HUMAN FACTORS ENGINEERING OF MAN-MACHINE SYSTEMS
 SOCIAL PSYCHOLOGICAL RESEARCH IN DEVELOPING COUNTRIES
 LASER CAVITIES PART I RESEARCH ON OPEN RESONATORS FINAL REPORT MAY 1968
 CONTINUATION OF BASIC RESEARCH IN CRUSTAL STUDIES FINAL REPORT JULY 1967
 ADVANCED MATHEMATICAL RESEARCH FINAL REPORT SEPT 1968
 SUBMILLIMETER RADIATION RESEARCH AND GENERATION WITH A RACETRACK MICROTRON FINAL REPORT DEC 1967
 BIENNIAL OF ELECTRONICS RESEARCH NO. 7 FINAL REPORT MAY 1968
 PROGRAM AND PROBLEMS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY
 PROGRAM AND PROBLEMS OF RESEARCH ON ELECTRIC ARC TECHNOLOGY
 PROGRAM AND PROBLEMS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY
 PROGRAM AND PROBLEMS OF RESEARCH IN ARC TECHNOLOGY WITH RESPECT TO AEROSPACE APPLICATIONS
 METALLURGY AND CERAMICS RESEARCH LABORATORY
 AIRGLOW OBSERVATIONS AND RESEARCH FINAL REPORT DEC 1966
 AIRGLOW SOME IONOSPHERIC RESEARCH FINAL REPORT MAY 1967
 PAST, PRESENT AND FUTURE RESEARCH IN G-MACHINE PLASMAS
 PROCEEDINGS OF THE SURTSEY RESEARCH CONFERENCE /2ND/ REYKJAVIK ICELAND 25 THRU 28 JUNE 1967 PPI-108 FINAL REPORT JUNE
 ATTITUDES AND APPROACHES TO RESEARCH
 MHD RESEARCH AT THE NUCLEAR RESEARCH CENTER /KFA/ IN JULICH GERMANY
 TWO-NUCLEON INTERACTION AS A RESEARCH TOOL IN PARTICLE PHYSICS
 EXPERIMENTAL AND THEORETICAL RESEARCH IN GRAVITATION PHYSICS FINAL REPORT JAN 1968
 TEXAS BIENNIAL OF ELECTRONICS RESEARCH NO 4 FINAL REPORT NOV 1966
 TEXAS BIENNIAL OF ELECTRONICS RESEARCH NO 5 FINAL REPORT MAY 1967
 TEXAS BIENNIAL OF ELECTRONICS RESEARCH NO 6 FINAL REPORT NOV 1967
 RECENT HYPERSONIC AERODYNAMIC RESEARCH AT ONERA /OFFICE NATIONAL DES ESSAIS ET LA RECHERCHE AEROSPATIALE/
 A THEORETICAL AND EXPERIMENTAL RESEARCH PROGRAM IN ELECTRO-MAGNETIC FIELDS WITH EMPHASIS ON TEMPORAL AND SPATIAL
 ISOBARIC SPIN- ITS INFLUENCE ON RESEARCH IN NUCLEAR PHYSICS WITH SMALL ACCELERATORS
 SOME ASPECTS OF FLUID MECHANICS RESEARCH AT ARL
 ARN PROGRAM AND PROBLEMS IN ARC RESEARCH
 NETWORK SYNTHESIS AND SENSITIVITY RESEARCH FINAL REPORT SEPT 1967
 THE POLITICAL ECONOMICS OF SOCIAL RESEARCH THE CASE OF SOCIOLOGY
 RECENT PROGRESS IN PEROXYCARBON RESEARCH
 RECENT PROGRESS IN PEROXYCARBON RESEARCH
 CHIMIOGRAPHY OF LUNAR AND PLANETARY RESEARCH SUPPLEMENT NO 2 - - 1966
 THRUST AUGMENTATION FOR V-STOL ARLS RESEARCH AND CONCEPTS FINAL REPORT MARCH 1967
 CHEMISTRY RESEARCH AT THE AEROSPACE RESEARCH LABORATORIES
 STATE OF THE ART OF MHD ACCELERATOR RESEARCH
 PROBLEMS OF INSTRUMENTATION IN SPACE RESEARCH
 THE RELATION OF DESCRIPTIVE PHONETICS TO RESEARCH IN SPEECH COMMUNICATION
 EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION
 EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION FINAL REPORT OCT 1968
 PLASMA ARC TECHNOLOGY AT THE THERMOMECHANICS RESEARCH LABORATORY
 REPRESENTATION OF ASPECTS OF CURRENT STATISTICAL RESEARCH
 S-BAND TELEMETRY ANTENNA STUDIES SOUNDING ROCKET RESEARCH AND DEVELOPMENT PROBLEMS
 EXPERIMENTAL TECHNIQUES FOR SUPERSONIC COMBUSTION RESEARCH IN A SHOCK TUNNEL
 ANALYSIS OF SPECTROGRAPHIC PLATED IN SEMICONDUCTOR RESEARCH BY OPTO-ELECTRONIC PROCESSING.
 MODERN COMPUTER SYSTEMS AND THEIR APPLICATIONS TO A RESEARCH LABORATORY
 TOWARD UNDERSTANDING THE ROLE OF TASKS IN BEHAVIORAL RESEARCH
 SCIENCE IN THE SIXTIES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 10TH CLOUDCROFT NEW MEXICO JUNE 1965
 SEMICONDUCTING PROPERTIES OF CUPROUS OXIDE AND RELATED RESEARCH FINAL REPORT OCT 1967
 DEVELOPMENT AND APPLICATION OF METHODS FOR ANALYSIS OF RESEARCH MATERIALS FINAL REPORT JAN 1967
 CHEMISTRY PROGRAM OF THE AIR FORCE OFFICE OF SCIENTIFIC RESEARCH FINAL REPORT OCT 1967
 AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH 3RD COCOA BEACH FLORIDA 27-30 JUN 1967 COMPILATION
 TENTH AFOSR CONTRACTORS MEETING ON ION AND PLASMA PROPULSION RESEARCH SAN DIEGO CALIFORNIA 3-5 APRIL 1967 /ABSTRACTS
 RESEARCH ON PLASMA DIAGNOSTIC METHODS FOR HIGH TEMPERATURE PLASMA RESEARCH FINAL REPORT MARCH 1967
 PULSE TECHNIQUE FEASIBILITY STUDY ON MULTIGWATT RF GAS HEATERS AND RESEARCH ON ELECTRODELESS DISCHARGES AT HIGH
 ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES, CHARACTERISTICS, AND RESEARCH AREAS
 DIFFUSION OF ABSTRACTING AND INDEXING SERVICES FOR GOVERNMENT-SPONSORED RESEARCH SCARECROW PRESS INC METUCHEN N J 1968
 A SUMMARIZATION OF TECHNICAL AND SCIENTIFIC REPORTS ISSUED BY THE IONOSPHERE RESEARCH LABORATORY - PAPERS PRESENTED
 JOURNALS IN SCIENCE SMALL STEPS--GREAT STRIDES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 12TH
 COMPUTERIZED GRAPHICAL DISPLAY OF DATA FOR VISUAL EXAMINATION AND ANALYSIS IN PHYSICS RESEARCH.
 COMPILATION OF ABSTRACTS-4TH AFOSR COMBINED CONTRACTORS MEETING ON COMBUSTION DYNAMICS RESEARCH
 PHOTOGRAPHIC RECORDINGS WITH ENHANCED CONTRAST USING THE STORAGE IMAGE AMPLIFIER, AND APPLICATIONS IN RESEARCH FINAL

RESEARCHES

RESEARCHES IN THE FIELD OF SOLAR RADIO NOISE AS WELL AS OPTICAL SUNSPOT PHENOMENA FINAL REPORT APR 1967
 RESEARCHES AND CONSIDERATIONS ON THE HEMISPHERIC DOMINANCE AND SPECIALIZATION IN MAN /ITALIAN/
 RESEARCHES ON RAREFIED GAS DYNAMICS HYPERSONIC FLOW ROTATING STALL FINAL REPORT JULY 1968
 IONOSPHERIC RESEARCHES USING SATELLITES
 IONOSPHERIC RESEARCHES USING SATELLITES FINAL REPORT APR 1968
 COMMENTS ON ELECTROFLUIDDYNAMICS AND RELATED RESEARCHES IN ITALY

ARL 68-1442
 AFRL68-0194
 AFRL68-0265
 AFRL67-0284
 AFRL67-0355
 AFRL67-0425
 AFRL67-0609
 AFRL68-0178
 AFRL68-0314
 AFRL68-0318
 AFRL68-0424
 AFOSR67-0645
 AFOSR67-1373
 AFOSR67-1623
 AFOSR67-2614
 AFOSR68-0737
 AFOSR68-2493
 ARL 68-1316
 ARL 68-1323
 AFRL67-0010
 AFOSR68-0751
 AFRL67-0286
 ARL 68-1102
 AFOSR67-1823
 AFOSR67-1824
 AFOSR68-0530
 AFOSR68-1524
 ARL 68-1151
 AFOSR67-0252
 AFOSR68-0440
 ARL 68-1317
 AFOSR67-0644
 AFOSR68-2877
 AFRL67-0462
 AFOSR68-1263
 AFOSR67-1824
 AFOSR68-2164
 AFRL68-0532
 AFOSR67-1581
 AFOSR68-2099
 AFOSR68-0114
 AFOSR67-0840
 ARL 68-1308
 ARL 68-1309
 ARL 68-1314
 ARL 68-1322
 ARL 68-1336
 AFRL67-0070
 AFRL67-0416
 ARL 68-1441
 AFOSR68-2175
 ARL 67-1110
 ARL 68-1040
 AFOSR68-0139
 AFOSR68-0252
 AFOSR67-0768
 AFOSR67-1115
 AFOSR67-2342
 ARL 67-1168
 AFRL68-0103
 ARL 67-1048
 ARL 67-1063
 ARL 68-1311
 AFAL 67-0221
 AFOSR68-0579
 ARL 68-1070
 ARL 68-1071
 AFRL67-0518
 ARL 67-0065
 ARL 67-1234
 ARL 68-1327
 AFRL67-0555
 AFOSR68-2657
 AFRL67-0447
 AFRL68-0509
 ARL 67-1207
 ARL 67-1219
 AFRL68-0333
 AFOSR68-1147
 ARL 68-0254
 ARL 68-1071
 AFOSR68-1671
 AFOSR68-2304
 AFOSR68-0470
 ARL 67-0937
 AFOSR67-2804
 AFOSR67-0404
 ARL 67-2807
 ARL 68-1192
 ARL 68-1314
 AFOSR67-0437
 AFOSR68-2307
 ARL 68-0247
 AFOSR67-2534
 ARL 68-0170

AFRL67-0430
 AFOSR67-1049
 AFOSR67-2197
 AFRL67-1137
 AFRL67-0546
 ARL 68-1369

RESERPINE

RELATIONSHIPS BETWEEN RESERPINE INDUCED PHASIC EEG ACTIVITY AND SINGLE UNIT DISCHARGE IN THE PONTINE RETICULAR
EFFECT OF RESERPINE AND RESERPINE ON THE IN VIVO 5-HYDROXYLATION OF 3-METHYL-5-TYRAMINE AND 3-METHYLDOPAMINE
SELECTIVE INHIBITION OF 5-HYDROXYTRYPTAMINE STORES AGAINST THE ACTION OF RESERPINE BY TREATMENT WITH
METHYLDOPAMINE AS A TOOL FOR SELECTIVE PROTECTION OF CATECHOLAMINE STORES AGAINST RESERPINE
THE INTERFERENCE OF TETRAHYDROXYMETHYLAMINE AND METHYLAMINE WITH THE ACTION OF RESERPINE
FURTHER STUDIES ON MONAMINE METABOLISM AND BEHAVIOR IN RABBITS CHRONICALLY TREATED WITH RESERPINE

AFOSR67-2540
AFOSR67-2575
AFOSR68-0605
AFOSR68-2710
AFOSR68-0603
AFOSR67-2274

RESERF

THE TIME DISTRIBUTIONS IN SYSTEMS WITH INTERNAL REFLEX

AFOSR68-0634

RESIDUALS

ASTRUTHAL VARIATION OF U S STATION RESIDUALS

AFCL67-0026

RESIDUE

A MODIFIED RESIDUE CALCULUS TECHNIQUE

AFCL68-0079

RESIDUES

THE ALGEBRA OF SCALAR AND VECTOR VECTOR STRONGS IN RESERF RESIDUES
LUTHERS OF RESERF CUT AT 1.0 DUE TO UNIVERSALITY OF FACTORIZED RESIDUES
SCALE OF RESERF AND BAYES COUPLINGS AND UNIVERSALITY IN THE ALGEBRA OF FACTORIZED RESIDUES

AFOSR67-0274
AFOSR68-0634
AFOSR68-2738

RESILIN

INTERFACES OF RESILIN AND CLAYSTONES IN ENRICHED FINAL REPORT JAN 1968

AFOSR68-0395

RESISTANCE

RESISTANCE CHANNELS IN LIPID BILAYERS (BIOPHYSICAL APPLICATIONS)
SHEAR RESISTANCE AND EQUATION OF STATE FOR NONHOMOGENEOUS GRANULAR MACROBETIC SYSTEMS
CALIBRATION OF THIN FILM RESISTANCE THERMISTERS FOR HEAT FLUX MEASUREMENTS IN THE SHOCK TUBE
AN ANNOTATED BIBLIOGRAPHY ON PRISONER INTERVIEWING COMPLIANCE AND RESISTANCE

AFOSR68-2120
AFCL67-0048
ARL 67-0936
AFOSR68-1406

RESISTIVE

ANOMALOUS RESISTIVE INSTABILITY
NECESSARY CONDITIONS FOR THE REALIZABILITY OF N-PORT RESISTIVE NETWORKS WITH MORE THAN $N/2$ PLUS 1/2 NODES

AFOSR67-2593
AFOSR67-0487

RESISTIVELY

SIMPLE TFR AND π TWO-PORTS RESISTIVELY TERMINATED AND HAVING A PRESCRIBED DRIVING-POINT IMPEDANCE

AFCL67-0430

RESISTIVITY

RESISTIVITY OF THE 40 TRANSITION SERIES RU-RH-PD-AG CONTAINING FE
ELECTRICAL RESISTIVITY OF NIAL NIB AND COGA
ELECTRICAL RESISTIVITY OF DILUTE POIN ALLOYS LOCAL EXCHANGE ENHANCEMENT EFFECTS
THE ELECTRICAL RESISTIVITY OF GOLD-VANADIUM INTERMETALLIC COMPOUND
LOW-TEMPERATURE RESISTIVITY AND THE SIGN OF THE EXCHANGE INTEGRAL
MACROSCOPIC FINITE RESISTIVITY INSTABILITY-A LITERATURE SURVEY
THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF ALUMINUM AND NICKEL
THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF COPPER AT DIFFERENT STRAIN RATES
THE INFLUENCE OF ELECTRICAL RESISTIVITY ON THE STABILITY OF STATIONARY EQUILIBRIA
BIOPHYSICAL THEORY OF THE RESISTIVITY AND SUSCEPTIBILITY OF OILY RHOODIUM-IRON-IRON ALLOYS
EFFECT OF HEAT TREATMENT ON THE RESISTIVITY OF BETA-BRASS
ANOMALOUS CONCENTRATION DEPENDENCE OF RESISTIVITY IN DILUTE MAGNETIC ALLOYS
TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
SUPERCONDUCTING TRANSITION TEMPERATURE AND RESISTIVITY OF TIN WHISKERS AS A FUNCTION OF UNIAXIAL TENSION
DEVICE FOR ATHERMAL AND ISOTHERMAL ELECTRICAL RESISTIVITY IN THE RANGE -196 TO 400 DEGREES C

AFOSR68-1111
AFOSR68-0800
AFOSR68-0930
AFOSR67-2672
AFOSR67-2728
AFOSR67-1986
AFOSR67-1086
AFOSR67-1680
AFOSR67-2634
AFOSR67-2660
AFOSR68-0606
AFOSR68-1749
ARL 68-1195
ARL 68-1378
AFOSR67-0352
AFOSR67-1033

RESO

ABSORPTION SPECTRUM OF A PLASMA DIELECTRIC IN A RFSD CAVITY

AFOSR68-2409

RESOLUTION

RESOLUTION AND NOISE IN FOURIER SPECTROSCOPY
THE RESOLUTION OF THE THERMODYNAMIC P HAZARD AND THE THEORY OF GUIDED WAVE PROPAGATION IN ANISOTROPIC MEDIA
HIGH RESOLUTION SPECTRA OF THE SUN
HIGH RESOLUTION STUDIES IN THE FAR INFRARED FINAL REPORT JUNE 1967
HIGH RESOLUTION STUDIES OF DISCRETE RADIO SOURCES
ANGULAR RESOLUTION BEYOND THE RAYLEIGH LIMIT
ANGULAR RESOLUTION OF A PASSIVE TWO-ANTENNA SYSTEM
SPATIAL RESOLUTION OF EMISSION AND ABSORPTION COEFFICIENTS IN SP-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY
SPATIAL RESOLUTION OF THE VOLUME COEFFICIENT IN STRONGLY SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY
FIELD RANGE AND RESOLUTION IN HOLOGRAPHY
ZEPHYROLOGY: THE RESOLUTION OF AN ECHO
RESEARCH IN THE FIELD OF HIGH RESOLUTION SPECTROSCOPY FINAL REPORT JAN 1957
NON-COHERENT DESIGNS OF HIGH RESOLUTION
A RESOLUTION PROCEDURE BASED ON THE RESOLUTION METHOD
THE EFFECT OF LINEAR FREQUENCY MODULATION ON RESOLUTION AND POINTING ACCURACY
NEW PRINCIPLES AND DECISION PROCEDURES BASED ON THE RESOLUTION METHOD FINAL REPORT AUG 1968

AFCL68-0115
AFOSR68-1113
AFCL67-0587
AFOSR67-1657
AFOSR68-1925
AFCL67-0061
AFCL67-0360
ARL 67-0279
ARL 68-0174
AFOSR67-0761
ARL 67-0110
AFCL67-0437
ARL 68-0271
AFOSR68-1584
AFCL67-0680
AFOSR68-1823

RESOLVED

SPACE-TIME RESOLVED RADIATION INTERFEROMETER MEASUREMENTS OF CROSSSECTIONAL ELECTRON DISTRIBUTION IN THETA-PICH
A TRANSMITTED FIBER OPTIC PROBE FOR SPACE RESOLVED DIAGNOSTICS OF DENSE PLASMAS
COMPARISON OF NUMERICAL CALCULATIONS AND MEASURED SPACE-TIME RESOLVED PLASMA PROPERTIES OF A DYNAMICAL THETA PINCH

AFOSR68-0078
AFOSR67-0834
AFOSR67-0819

RESOLVING

ON VOLTAGE INTEGRAL EQUATIONS WITH NONLOCAL INTEGRAL RESOLVING

AFOSR68-2424

RESONANCE

RESONANCE DECAYS FROM 0.1 TO 1.0 DYNAMICS A DECAY RITY IN THE NEAR FIELD BEGINS
RESONANCE SATURATION OF AIL ENERGY COMMUTATORS SUFFICIENT AND SCALAR RESONANCE
RESONANCE SATURATION IN INPUT THERMODYNAMICS II - EFFECTS OF CORRELATION AND DEGENERACY
RESONANCE SATURATION AND THE GIBBS NOTION OF ELECTRON THROUGH GATE
RESONANCE LEVELS IN A SUPER 30 KNU 10 SE SUPER 20 D.P. SE SUPER 24 DECEMBER
THE RESONANCE SATURATION IN SUPERCONDUCTING RELATIONS
IN THE RESONANCE INSTABILITY IN COBALT NON-NEUTRAL PLASMAS

AFOSR67-1366
AFOSR67-2841
AFOSR67-2754
AFOSR68-2035
ARL 68-1337
AFOSR67-1842
AFOSR68-2082

CYCLOTRON RESONANCE INVESTIGATION OF THE FERM SURFACE OF CADMIUM
CYCLOTRON RESONANCE IN SINGLE CRYSTAL GRAPHITE AT 72 /GIGAHERTZ/
CYCLOTRON RESONANCE OF THE POLARON IN CERTAIN ALKALI HALIDES
EFFECT OF RESONANCE SCATTERING AND IMPURITY CORRELATIONS ON THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF SUPER
PARAMAGNETIC RESONANCE OF ONE-DIMENSIONAL STRUCTURES SUBJECTED TO PERIODIC IMPACTS
UNIFORM MODE RESONANCE AND SPIN-WAVE INSTABILITY IN RBNMP3
LIFETIMES OF RESONANCE STATES IN ALKALI ATOMS
PARAMAGNETIC RESONANCE IN RARE EARTH METALS FINAL REPORT JUNE 1967
PARAMAGNETIC SPECTRA OF METHYL RADICALS ON POROUS GLASS SURFACES
PARAMAGNETIC RESONANCE OF IRON-COPPER, IRON-SILVER AND IRON-LITHIUM ASSOCIATES IN TWO-FOUR COMPOUNDS
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF AMMONIUM TRIFLUOROACETATE
ELECTRON SPIN RESONANCE STUDY OF HYDROGEN ADDITION AND - REPLACEMENT REACTIONS IN SOME PYRIMIDINE COMPOUNDS
ELECTRON SPIN RESONANCE OF FREE RADICALS FINAL REPORT DEC 1967
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF GUANINE HYDROCHLORIDE DIMYDRATE
ELECTRON SPIN RESONANCE OF SEMIQUINONES SPIN-DENSITY DISTRIBUTION AND CARBONYL SIGMA-PI PARAMETERS
ELECTRON SPIN RESONANCE STUDIES OF DEUTERIUM ISOTOPE EFFECTS A NOVEL RESONANCE-INTEGRAL PERTURBATION
ELECTRON SPIN RESONANCE STUDY OF MONO- AND DIMERIC CATIONS OF AROMATIC HYDROCARBONS
ELECTRON SPIN RESONANCE OF HEXAFLUOROACETONE KETYL
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF DEOXYADENOSINE MONOHYDRATE
ELECTRON SPIN RESONANCE STUDY OF THE ELECTROLYSIS OF TRIFLUORONITROSOMETHANE & TRIFLUORONITROMETHANE
ELECTRON SPIN RESONANCE OF PERFLUOROCYCLOBUTANONE KETYL LONG-RANGE FLUORINE COUPLING
ELECTRON SPIN RESONANCE AND THERMOLUMINESCENT EMISSION
LOCAL MODES AND RESONANCE SCATTERING OF LATTICE WAVES DUE TO POINT DEFECTS OPTICAL AND THERMAL PROPERTIES OF IMPERFECT
PROTON MAGNETIC RESONANCE SPECTRA OF METHYL PHOSPHINATES
NUCLEAR MAGNETIC RESONANCE LOCAL-MAGNETIC-FIELD SHIFT IN SOLID XENON
NUCLEAR MAGNETIC RESONANCE STUDIES OF POINT DEFECTS IN BARIUM FLUORIDE CRYSTALS
NUCLEAR MAGNETIC RESONANCE STUDY OF ELECTRON-COUPLED INTERNUCLEAR INTERACTIONS IN THALLIUM CHLORIDE
NUCLEAR MAGNETIC RESONANCE STUDY OF BORATE-POLYBORATE EQUILIBRIA IN AQUEOUS SOLUTION
NUCLEAR MAGNETIC RESONANCE STUDIES OF 3-ACETYL-2- CARBOXY-2- COBALT III STUDIES
NEGATIVE CYCLOTRON RESONANCE ABSORPTION FINAL REPORT AUG 1967
A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE REACTIONS IN THE SYSTEM BORON TRIFLUORIDE-METHANOL A MODIFIED
NUCLEAR QUADRUPOLE RESONANCE OF DIAMMONIUM PENTACHLOROQUINOINATE
NUCLEAR QUADRUPOLE RESONANCE INVESTIGATION OF NIOBIUM BROMIDE AND URANIUM IODIDE
A NUCLEAR MAGNETIC RESONANCE INVESTIGATION OF PARAMAGNETIC RELAXATION IN VISCOUS SOLUTIONS
A BROADBAND NUCLEAR RESONANCE DISPERSION DETECTOR
THE CONSTRUCTION OF RESONANCE CURVES FOR UNDAMPED NONLINEAR SYSTEMS
THE NUCLEAR MAGNETIC RESONANCE AND MICROWAVE SPECTRA OF SOME DEUTERIO DERIVATIVES OF 2,4-DICARBOXYHEPTABORANE /7/
ELECTRON PARAMAGNETIC RESONANCE OF METHYL RADICALS ON POROUS GLASS SURFACE
ELECTRON PARAMAGNETIC RESONANCE OF COPPER IN BERYLLIUM OXIDE
ELECTRON PARAMAGNETIC RESONANCE OF MN SUPPER 2 PLUS IN LIP
MAGNETIC ELECTRON SPIN RESONANCE OPTICAL AND STRUCTURAL STUDIES OF THE ISOMORPHOUS SERIES SODIUM SCANDIUM-IRON
THEORY OF PARAELECTRIC RESONANCE
PULSED NUCLEAR MAGNETIC RESONANCE IN ROTATING SOLIDS
OBSERVATION OF CYCLOTRON RESONANCE IN MAGNESIUM
H AND P NUCLEAR MAGNETIC RESONANCE SPECTRA OF THE ADDUCT RFSUBJHSU20 /BORON TRIFLUORIDE - MONOHYDRATE/
MULTIPHOTON MAGNETIC-OPTICAL RESONANCE IN DE TE AND INES
TRIPLET-STATE ELECTRON SPIN RESONANCE OF AN H-ATOM- METHYL-RADICAL COMPLEX IN A SOLID MATRIX
HIGH FREQUENCY PARAMAGNETIC RESONANCE FINAL REPORT APRIL 1968
THE USES OF NUCLEAR MAGNETIC RESONANCE IN THE STUDY OF LIGAND SUBSTITUTION PROCESSES
LINE SHAPES IN ELECTRON SPIN RESONANCE SPECTRA
RESEARCH IN NUCLEAR ACOUSTIC RESONANCE A SUMMARY
CRYSTAL CHEMISTRY AND MAGNETIC RESONANCE PROPERTIES OF THE VANADATE GARNETS FINAL REPORT OCT 1968
CHLORINE-35 NUCLEAR QUADRUPOLE RESONANCE AND THE STRUCTURE OF THE BICHLORIDE ION IN TETRAMETHYLAMMONIUM BICHLORIDE
TEMPERATURE EFFECTS ON WHISTLER RESONANCE
CHARACTERISTICS OF PARAELECTRIC RESONANCE IN HYDROXYL - ONPED KCI
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE COMPLEXES OF PLATINUM /II/
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS
A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBONYLS II
EQUILIBRIUM SPIN CONFIGURATION AND RESONANCE BEHAVIOR OF RBNMP SUB 3
RADIOFREQUENCY SOURCE OF POTASSIUM RESONANCE RADIATION FOR USE IN KILOGAUSS MAGNETIC FIELDS
S-D EXCHANGE DAMPING OF FERROMAGNETIC RESONANCE
NMR EFFECT ON THE CYCLOTRON RESONANCE LINE SHAPE IN GALLIUM
GAS CHROMATOGRAPHY AND NUCLEAR MAGNETIC RESONANCE STUDIES OF SOME METAL CHELATES
ION-MOLECULE REACTIONS BY ION CYCLOTRON RESONANCE TECHNIQUE
HARMONIC GENERATION IN ANTIFERROMAGNETIC RESONANCE
DIRECT DETECTION OF FID NUCLEAR ACOUSTIC RESONANCE IN ANTIFERRO-MAGNETIC RBNMP3
LIGHT SOURCES FOR THE EXCITATION OF ATOMIC RESONANCE FLUORESCENCE IN CESIUM AND SODIUM
HLOCH EQUATION FOR CONDUCTION-ELECTRON SPIN RESONANCE
MEASUREMENT OF G VALUES IN THE ELECTRON SPIN RESONANCE SPECTRA OF FREE RADICALS
DETERMINATION OF RELAXATION TIMES IN CYCLOTRON RESONANCE IN COPPER
DEUTERIUM ISOTOPE EFFECTS IN THE ELECTRON SPIN RESONANCE SPECTRA OF NAPHTHALENE NEGATIVE IONS
IMPORTANCE OF QUADRATIC FORCE CONSTANTS IN FERM RESONANCE
HOST CRYSTAL EFFECTS ON THE ELECTRON PARAMAGNETIC RESONANCE OF ERBIUM AND TRIVALENT YTTERBIUM IN II-VI COMPOUNDS
AN EXPERIMENTAL INVESTIGATION OF THE ION-ION HYBRID RESONANCE
THE CHEMISTRY OF CARBANIONS XIII THE NUCLEAR MAGNETIC RESONANCE SPECTRA OF VARIOUS METHYLMAGNESIUM DERIVATIVES AND
WAX MAGNETIC FIELD MEASUREMENT USING PERMALLOY-FILM UHF RESONANCE
EVALUATION OF PARADAY SHIELDED SIX COILS FOR ION CYCLOTRON RESONANCE HEATING OF PLASMA
THEORY OF I R LATTICE VIBRATION ABSORPTION BY GAP MODES AND RESONANCE MODES IN KI
EXPERIMENTAL EVIDENCE FOR THE ABSENCE OF QUENCHING OF SODIUM RESONANCE RADIATION BY INERT GASES
A FAST RECOVERY PUMP AND RECEIVER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
CONFIGURATIONAL CORRELATION OF PHOSPHINATES BY NUCLEAR MAGNETIC RESONANCE AND OPTICAL ROTATORY DISPERSION
VIBRATIONAL SPECTRA AND ASSIGNMENT OF IODINE PENTA-FLUORIDE FERM RESONANCE BETWEEN A FUNDAMENTAL AND A TERNARY
CONFORMATIONAL ANALYSIS XIII THE VALIDITY OF THE NUCLEAR MAGNETIC RESONANCE METHOD OF ESTABLISHING CONFORMATIONAL
DIETARY PHOSPHINE COMPLEXES OF NICKEL SPECTRAL MAGNETIC AND PROTON RESONANCE STUDIES A PLANAR-TETRAHEDRAL
DIALOIS/TRIARYLPHOSPHINE/IRON/II/ COMPLEXES ISOTROPIC PROTON MAGNETIC RESONANCE SHIFTS AND THE KINETICS OF LIGAND
NONPLANAR CYCLOBUTANE I THE 3-ISOPROPYLCYCLOBUTYL SYSTEM NUCLEAR MAGNETIC RESONANCE SPECTRA OF ALCOHOLS AND AMINES
A HIGH-POWER UNMODULATED RADIO-FREQUENCY TRANSMITTER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
DETECTION AND IDENTIFICATION OF SHORT-LIVED FREE RADICALS BY AN ELECTRON SPIN RESONANCE TRAPPING TECHNIQUE
ACETONITRILE EXCHANGE RATES IN SOLUTIONS OF NICKEL/II/ IONS BY NUCLEAR MAGNETIC RESONANCE
DIETARY PHOSPHINE COMPLEXES OF COBALT SPECTRAL MAGNETIC AND ELECTRON PARAMAGNETIC RESONANCE STUDIES
INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES II THE QUENCHING OF SODIUM RESONANCE RADIATION BY N
SEMICLASSICAL THEORY OF THE EFFECTS OF INTERNAL MOTIONS ON THE LINEWIDTHS IN ELECTRON SPIN RESONANCE SPECTRA
DETERMINATION OF RATES OF OPTICAL INVERSION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NUCLEAR MAGNETIC RESONANCE

RESONANCE-INTEGRAL

ELECTRON SPIN RESONANCE STUDIES OF DEUTERIUM ISOTOPE EFFECTS A NOVEL RESONANCE-INTEGRAL PERTURBATION

AFOSR66-0398

RESONANCE-RADIATION

RESONANCE-RADIATION-TRAPPING EFFECTS IN A PULSED-ION LASER

AFOSR66-2574

RESONANCES

PARAMAGNETIC RESONANCES OF COPPER II IN MAGNESIUM OXIDE AT 1.2 DEGREES POTASSIUM
ELECTROACOUSTIC RESONANCES IN A NONUNIFORM PLASMA

AFOSR67-0052

AFCL66-0909

RESONANCES - CONTINUED

| | |
|--|--------------|
| STRONG DEAYS OF HIGHER SPIN BARYON RESONANCES IN 9/4.2/ | AFOSR66-0187 |
| ISOMERIC ANALOG STATES IN HEAVY NUCLEI V RPNONANCF IN 2R-90 FROM PROTON INELASTIC SCATTERING | AFOSR66-1296 |
| REFLECTOR ANGLE REFLECTION SPECTRUM FOR OPTICAL RESONANCES | ARL 66-0291 |
| RELATIVISTIC MODEL FOR ELECTROPRODUCTION OF NUCLEON RESONANCES | AFOSR66-1400 |
| COMPREHENSIVE FORMALISM FOR NUCLEAR-REACTION PROBLEMS II APPLICATIONS - GIANT RESONANCES AND DOORWAY STATES | AFOSR66-0890 |
| RESONANT | |
| RESONANT POLARON COUPLING IN SEMICONDUCTORS | ARL 66-1373 |
| FAW INFRARED RESONANT ADSORPTION IN N-TYPE SILICON | AFOSR67-0214 |
| FORMATION OF RESONANT STATES IN NEGATIVE K MESON PLUS PROTON INTO NEGATIVE K MESON PLUS PROTON BETWEEN 0.8 AND 1.4 | AFOSR67-0702 |
| NEUTRON THRESHOLDS TO RESONANT ANALOGUE STATES | AFOSR66-0806 |
| SELF-CONSISTENT APPROXIMATIONS FOR THE RESONANT RESPONSE OF MAGNETIC IONS IN METALS | AFOSR66-0873 |
| PHENOMENOLOGICAL MODEL OF DIFFRACTION AND RESONANT SCATTERING | AFOSR66-1248 |
| OSCILLATIONS IN THE TOTAL CROSS SECTION FOR RESONANT CHARGE TRANSFER IN LITHIUM - LITHIUM ION COLLISION | AFOSR66-1900 |
| DIRECT OBSERVATION OF COLLISION BROADENING AND EFFECT OF RESONANT INTERACTIONS ON GAS-LASER TRANSITIONS | AFOSR67-2620 |
| INFRARED MAGNETO-OPTICAL STUDIES OF LINE-WIDTH ANOMALIES CAUSED BY RESONANT POLARON COUPLING TO MAGNETIC STATES IN | ARL 66-1374 |
| RESONANT-MODE | |
| FINANCIAL FOR RESONANT-MODE SIOCBANDS IN ALKALI HALIDES | AFOSR67-1446 |
| RESONANT-REGION | |
| RESONANT-REGION RADAR AND OTHER ANTICLUTTER TECHNIQUES /U/ | AFOSR66-0052 |
| RESONATOR | |
| A RESONATOR TECHNIQUE FOR STUDYING DISPERSION IN LONGITUDINALLY MAGNETIZED PLASMA GUIDES | AFOSR67-0927 |
| INFRARED WAVE COUPLED RESONATOR AND PARADAY ROTATION TECHNIQUES FOR EXPERIMENTAL IONIZED GAS DIAGNOSTICS | AFOSR67-0826 |
| MODES IN STABLE AND UNSTABLE REGIONS OF THE FLAT-BOOM OPEN RESONATOR | AFOSR67-0357 |
| PLASMA IMPEDANCE ELEMENT IN AN ACTIVE FABRY-PEROT MICROWAVE RESONATOR | AFOSR66-2125 |
| RESONATORS | |
| DIMENSIONAL OPTICAL RESONATORS AND PRISM WAVE-LENGTHS | AFOSR67-0232 |
| TRANSFER FUNCTION SYNTHESIS USING RESONATORS AND SOME ACTIVE NC RESONATORS | AFOSR67-0130 |
| OSCILLATORS UTILIZING SUPERCONDUCTING RESONATORS | AFOSR67-1507 |
| LASER CAVITIES PART I RESEARCH ON OPEN RESONATORS FINAL REPORT MAY 1968 | AFOSR66-0532 |
| ANALYSIS AND SYNTHESIS OF NETWORKS USING RESONATORS COMPATIBLE WITH INTEGRATED ELECTRONICS | AFOSR67-0472 |
| NEW PROPERTY OF THE STABILITY DIAGRAM FOR CURVED-MIRROR RESONATORS | AFOSR67-0485 |
| TRANSFER FUNCTION SYNTHESIS USING RESONATORS AND SOME ACTIVE NC RESONATORS | AFOSR67-0130 |
| SIMULTANEOUS APPROXIMATION IN GAIN AND PHASE OF TWO-PORTS USING LATTICE OF PARALLEL RESONATORS | AFOSR67-0562 |
| RESOURCES | |
| COMPILATION AND ANALYSIS OF LEXICAL RESOURCES IN INFORMATION SCIENCE FINAL REPORT JUNE 1968 | AFOSR66-1375 |
| RESPIRATORY | |
| PERSONALITY AND RESPIRATORY RESPONSES TO SOUND AND LIGHT | AFOSR66-2169 |
| RESPONSE | |
| RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS | AFOSR67-0859 |
| RESPONSE DURING SLEEP WITH INTERVENING WAKING ANXISIA | AFOSR67-0890 |
| RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS | AFOSR67-1778 |
| RESPONSE OF CYLINDRICAL SANDWICH SHELLS TO MOVING LOADS | AFOSR67-1925 |
| RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS | AFOSR67-1928 |
| RESPONSE OF A BURNING PROPELLANT SURFACE TO PROSIVE TRANSIENTS | AFOSR67-2495 |
| RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS FINAL REPORT 1968 | AFOSR66-0771 |
| RESPONSE OF LITHIUM DRIFTED SILICON RADIATION DETECTORS TO HIGH ENERGY CHARGED PARTICLES | AFOSR66-1675 |
| RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH FINAL REPORT FEB 1968 | AFOSR66-2804 |
| THE RESPONSE OF A THIN ELASTIC PLATE TO A MOVING PRESSURE POINT | AFOSR67-1334 |
| THE RESPONSE OF A THIN ELASTIC ROD TO COMBINED THERMAL AND MECHANICAL IMPULSE | AFOSR66-1234 |
| ON THE RESPONSE OF SHALLOW THIN SHELLS TO RANDOM EXCITATIONS | AFOSR67-2511 |
| ON THE RESPONSE OF LINEAR SYSTEMS TO INPUTS WITH LIMITED AMPLITUDES AND SLOPES | AFOSR66-0609 |
| PLASMA RESPONSE TO THE SUDDEN APPLICATION OF AN ELECTRIC FIELD | AFOSR66-2399 |
| STRENGTH RESPONSE PARAMETERS OF NATURAL SOIL SURFACES AND THEIR APPLICATION TO THE LANDING PROBLEM OF AIRCRAFT | AFOSR67-0583 |
| SPECTRAL RESPONSE CURVES OF SINPLE COMES IN THE CARP | AFOSR67-2604 |
| SPECTRAL RESPONSE OF THE GERMANIUM GALLIUM PHOTOCONDUCTIVE DETECTOR | AFOSR66-2865 |
| TRANSIENT RESPONSE IN RADIO REFRACTOMETERS | AFOSR67-0014 |
| TRANSIENT RESPONSE OF AN ELASTIC SHELL IN PLANE STRAIN | AFOSR67-1908 |
| HEAT RATE RESPONSE TO SOUND AND LIGHT | AFOSR66-2167 |
| DIFFERENTIAL RESPONSE AND SPECIFIC YIELD FUNCTIONS OF COSMIC-RAY NEUTRON MONITORS | AFOSR67-0477 |
| ON THE STATIC RESPONSE OF ANNEALED ALUMINUM | AFOSR67-2447 |
| SPECIFIC MOTOR RESPONSE DURING SLEEP TO SLEEP-ADMINISTERED MEANINGFUL SUGGESTION AN EXPLORATORY INVESTIGATION | AFOSR67-1853 |
| THE SUBJECTIVE RESPONSE TO THE THERMAL ENVIRONMENT | AFOSR66-1810 |
| THE FLUORESCENT RESPONSE OF SODIUM IODIDE THALLIUM CESIUM IODIDE THALLIUM CESIUM IODIDE SODIUM AND CALCIUM FLUORIDE | AFOSR67-1932 |
| PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY | ARL 66-0260 |
| PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY | ARL 66-0263 |
| DIFFERENCES IN IMMUNE RESPONSE TO SYNTHETIC ANTIGENS IN TWO INBRED STRAINS OF GUINEA-PIGS | AFOSR67-2350 |
| ON OBTAINING THE TIME RESPONSE FROM THE EXTENDED LIENARD CONSTRUCTION | AFOSR66-2322 |
| THEORETICAL STUDY OF THE RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH FINAL REPORT FEB | AFOSR66-0866 |
| ON WAITING LOWER HUND FOR RESPONSE TIME OF IMPULSIVELY LOADED RIGID-PLASTIC STRUCTURES | AFOSR66-1332 |
| THE ORGANIZATION OF SKILLED RESPONSE | AFOSR67-1027 |
| FILTER DESIGN FOR THE AVERAGE RESPONSE COMPUTER | AFOSR67-1023 |
| PHOTOCATHODE-FILTER COMBINATION RESPONSE CURVES AND TABLES FINAL REPORT MARCH 1967 | ARL 67-0067 |
| LEARNING THEORY FOR STIMULUS AND RESPONSE CONTINUA FINAL REPORT JUNE 1967 | AFOSR67-1484 |
| TEMPORAL INTEGRATION OF PERCEPTUAL RESPONSE TO SUPRALINEAL ELECTRICAL STIMULATION | AFOSR66-2558 |
| PREFERENCE FOR AND NEURAL CUSTATORY RESPONSE TO SODIUM SALTS IN MICE | AFOSR67-2623 |
| FLOW AND ELECTRIC FIELD EFFECTS ON THE RESPONSE OF A STAGNATION POINT MASS SPECTROMETER FINAL REPORT OCT 1967 | AFOSR67-0607 |
| AN EXPERIMENTAL COMPARISON OF STIMULUS AND RESPONSE TRANSLATED POWER FUNCTIONS FOR BRIGHTNESS | AFOSR66-0940 |
| TECHNIQUE AND APPARATUS FOR DETERMINING THE RESPONSE OF SCINTILLATIONS AND SEMICONDUCTORS TO LOW ENERGY X-RAY | AFOSR67-1934 |
| SELF-CONSISTENT APPROXIMATIONS FOR THE RESONANT RESPONSE OF MAGNETIC IONS IN METALS | AFOSR66-0273 |
| PATTERNS OF EXTINCTION OF A DETECTION-INDICATING RESPONSE UNDER ESCAPE-AVOIDANCE REINFORCEMENT | AFOSR67-1951 |
| TELEMETRY OF SPIKE ACTIVITY DURING BEHAVIORAL RESPONSE TO ODORANTS | AFOSR66-1983 |
| SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MULTI-RESPONSE GROWTH CURVES | ARL 66-1250 |
| INTERPRETATION AND APPLICATION OF TRANSIENT AND IMPULSE RESPONSE APPROXIMATIONS IN ELECTROMAGNETIC SCATTERING PROBLEMS | AFOSR67-0690 |
| DEPENDENT REINFORCEMENT OF A SKLETTALLY MEDIATED AUTONOMIC RESPONSE UNCOUPLING OF THE TWO RESPONSES | AFOSR66-2684 |
| WILT OF PERIPHERAL RECEPTORS IN THE INCREASED RELEASE OF VASOPRESSIN IN RESPONSE TO HEMORRHAGE | AFOSR66-0309 |
| AN EXAMINATION OF CERTAIN FACTORS WHICH MIGHT OR DO AFFECT THE VASCULAR RESPONSE TO OXYTOCIN | AFOSR66-0813 |
| MATHEMATICAL/STATISTICAL TECHNIQUE TO ESTIMATE MAXIMUM AEROSPACE VEHICLE RESPONSE TO WIND FINAL REPORT MAY 1967 | AFOSR67-0394 |
| THE LINEARITY OF THE CHARGE CONVERSION FUNCTION FOR COOLED LITHIUM-DRIFTED SILICON DETECTORS IN RESPONSE TO X-RAY AND | AFOSR67-1948 |

RESPONSES

| | |
|--|--------------|
| RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND FINAL REPORT DE | AFOSR68-0812 |
| RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND | AFOSR68-2330 |
| OPTICAL RESPONSES WITH DIFFERENT BACKGROUND LIGHT AND PSYCHOPHYSICAL CORRELATION | AFOSR67-2542 |
| AUDITORY RESPONSES OF NEURONES IN THE LATERAL MESENCEPHALIC NUCLEUS / INFERIOR COLICULUS / OF THE BARBARY DOVE | AFOSR68-0607 |
| PUPILLARY RESPONSES IN A PITCH-DISCRIMINATION TASK | AFOSR67-1826 |
| MYOTOMER RESPONSES TO VISUAL STIMULI IN ONCOPELTUS PASCATUS DALLAS | AFOSR67-0715 |
| ANALYSIS OF RESPONSES OF HAMSTER TASTE UNITS TO GUSTATORY AND THERMAL STIMULI | AFOSR67-2626 |
| VISUAL EVOKED RESPONSES DURING SLEEP IN MAN | AFOSR68-0843 |
| RED-WINGED BLACKBIRD RESPONSES TO ACOUSTIC STIMULI FINAL REPORT FEB 1967 | AFOSR67-0717 |
| GUSTATORY AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL NERVE OF THE RABBIT AND CAT | AFOSR67-2382 |
| GUSTATORY AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL NERVE OF THE RAT | AFOSR67-2384 |
| PERSONALITY AND RESPIRATORY RESPONSES TO SOUND AND LIGHT | AFOSR68-2109 |
| PERFORMANCE AND BIOCHEMICAL RESPONSES RELATED TO SOCIAL CHANGES VERSUS CHEROTHERAPY IN NONHUMAN PRIMATES / RHESUS | AML 67-0523 |
| ABSOLUTE RECOVERY OF FIRST-LIST RESPONSES FROM UNLEARNING DURING 20 MINUTES FILLED WITH AN EASY OR DIFFICULT | AFOSR67-2523 |
| ELECTROPHYSIOLOGICAL STUDY OF RECTAL RESPONSES TO OPTIC NERVE VOLLY | AFOSR67-2647 |
| INFORMATION CAPACITY OF DISCRETE MOTOR RESPONSES UNDER DIFFERENT COGNITIVE SETS | AFOSR67-1833 |
| TRANSIENT AND STEADY STATE ELECTRORETINAL RESPONSES | AFOSR68-2658 |
| NEURONAL PATTERNS ASSOCIATED WITH AFFECTIVE RESPONSES FINAL REPORT FEB 1967 | AFOSR67-1604 |
| NEURONS OF THE MEDIAL DORSAL PHALMUS I. SPATIOSENSORY RESPONSES AND CAUDATE INHIBITION | AFOSR67-0970 |
| ANALYSIS OF DEPOLARIZING AND HYPERPOLARIZING INACTIVATION RESPONSES IN GYMNOTID ELECTROPLAQUES | AFOSR67-1490 |
| NEUROPHYSIOLOGICAL AND NEUROPHARMACOLOGICAL STUDIES OF CORTICAL EVOKED RESPONSES FINAL REPORT JUNE 1968 | AFOSR67-0099 |
| OPERANT REINFORCEMENT OF A SPLEETALLY MEDIATED AUTONOMIC RESPONSE UNCOUPLING OF THE TWO RESPONSES | AFOSR68-2686 |
| THE EFFECTS OF DIFFERENTIAL EARLY EXPERIENCE UPON LEARNING, PERFORMANCE, AND BIOCHEMICAL RESPONSES OF NONHUMAN | AML 67-0010 |
| RESPONSTRLE | |
| BRAIN STEM STRUCTURES RESPONSIBLE FOR THE ELECTROENCEPHALOGRAPHIC PATTERNS OF DESYNCHRONIZED SLEEP | AFOSR67-1480 |
| RESPONSIVENESS | |
| LEVELS OF RESPONSIVENESS TO FOOD OR ITS ABSENCE AND THE VERTICAL LOBE CIRCUIT OF OCTOPUS VULGARIS LAMARCK | AFOSR68-0201 |
| RESPONSIVITY | |
| RELAXATION OSCILLATIONS IN N-TYPE INSD AND RESPONSIVITY MEASUREMENTS IN THE FAR INFRARED | AFOSR67-1568 |
| RESTORATION | |
| NUMERICAL RESTORATION OF OPTICAL OBJECTS OSCURED BY DIFFRACTION AND NOISE | AFCL67-0070 |
| RESTRICTED | |
| RESTRICTED ROTATION AROUND PHOSPHORUS-NITROGEN BONDS | AFOSR68-2300 |
| SOLUTION OF THE RESTRICTED PROBLEM OF THREE BODIES BY POWER SERIES | AFOSR67-1201 |
| RESEARCH IN THE RESTRICTED PROBLEMS OF THREE AND FOUR BODIES | AFOSR68-0912 |
| THEORY OF ORBITS THE RESTRICTED PROBLEM OF THREE BODIES | AFOSR67-2817 |
| ON MOULTONS ORBITS IN THE RESTRICTED PROBLEM OF THREE BODIES | AFOSR67-0376 |
| SOME LIMITING CASES OF THE RESTRICTED FOUR-BODY PROBLEM | AFOSR68-0340 |
| SOLUTION OF BIRKHOF'S EQUATIONS OF THE REGULARIZED RESTRICTED PROBLEM | AFOSR67-2182 |
| A CLASSIFICATION OF ORBITS THROUGH A SUB ONE IN THE RESTRICTED THREE-BODY PROBLEM | AFOSR68-2257 |
| A STABILITY CRITERION FOR SYSTEMS WITH A SINGLE SLOPE - RESTRICTED MONOTONE NONLINEARITY | AFOSR68-2028 |
| INVESTIGATION OF MOTION IN CIRCULAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL | ARL 67-1007 |
| INVESTIGATION OF MOTION IN CIRCULAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL | ARL 68-1328 |
| CHEMICAL SHIFT NONEQUVALENCE OF DIATEREOTOPIC PROTONS DUE TO RESTRICTED ROTATION AROUND ARYL--NITROGEN BONDS IN | AFOSR67-2463 |
| SOME PROPERTIES OF THE SOLUTION OF THE FIRST-ORDER VARIATIONAL EQUATIONS OF THE RESTRICTED THREE-BODY PROBLEM | AFOSR68-1413 |
| RESTRICTING | |
| A METHOD FOR RESTRICTING STIMULI TO THE FRONTAL OR LATERAL VISUAL FIELD OF EACH EYE SEPARATELY IN PIGEON | AFOSR67-2112 |
| RESTRICTIONS | |
| EQUIVALENCE RESTRICTIONS AND THE BRILLOUIN CONDITION FOR HARTREE-FOCK WAVE FUNCTIONS | AFOSR68-3960 |
| RESULT | |
| A RESULT CONCERNING ELLIPTIC EQUATIONS OF THE SECOND ORDER AND OF NON VARIATIONAL TYPE /ITALIAN/ | AFOSR68-0573 |
| ON A COMBINATORIAL RESULT OF R. A. BRUALDI AND M. NEWMAN | AFOSR68-2276 |
| ON A CLASSICAL COMMUTATOR RESULT | AFOSR67-1050 |
| RESILANT | |
| THE STUDY OF PLASMA SURROUNDING REFTRY BODIES AND RESULTANT INTERACTION WITH MICROWAVE RADIATION FINAL REPORT APR | AFCL68-0239 |
| RESULTING | |
| THERMAL INSTABILITY RESULTING FROM SYNCHROTRON RADIATION | AFOSR67-2635 |
| ANGULAR DISTRIBUTIONS OF FAST SCATTERED PARTICLES RESULTING FROM COLLISIONS OF 1 - TO 60 KEV NOBLE GASES WITH METAL | AFOSR68-2100 |
| RESULTS | |
| RESULTS OF AN EXPERIMENT CONCERNING THE FADING-PATTERN | AFCL67-0270 |
| RESULTS FOR AN ADDITIONAL FOLLOW-UP CRITERION ON A SAMPLE OF AIR FORCE SCIENTISTS | AFOSR67-0896 |
| RESULTS OF ELECTROENCEPHALOGRAPHIC EXAMINATIONS UNDER THE INFLUENCE OF VIBRATION AND CENTRIFUGING IN THE MONKEY | AFOSR67-1857 |
| RESULTS AND PROBLEMS IN THE THEORY OF DISTRIBUTED PARAMETER SYSTEMS | AFOSR68-2146 |
| RESULTS ON NON-ORTHOGONAL INCOMPLETE FACTORIAL DESIGNS | ARL 67-0021 |
| RESULTS ON LOCATION AND SCALE PARAMETER ESTIMATION WITH APPLICATION TO THE EXTREME-VALUE DISTRIBUTION | ARL 67-0023 |
| RESULTS ON STATISTICAL ESTIMATION AND HYPOTHESIS TESTING WITH APPLICATION TO THE WEIBULL AND EXTREME-VALUE | ARL 68-0668 |
| SOME RESULTS ON FINITE GROUPS WHOSE ORDER CONTAINS A PRIME TO THE FIRST POWER | AFOSR67-0365 |
| SOME RESULTS GIVING RATES OF CONVERGENCE IN THE LAW OF LARGE NUMBERS FOR WEIGHTED SUMS OF INDEPENDENT RANDOM VARIABLES | AFOSR67-0942 |
| SOME RESULTS ON FINITE SEMIGROUPS | AFOSR67-1274 |
| SOME RESULTS ABOUT A KINETIC MODEL WITH VELOCITY - DEPENDENT COLLISION FREQUENCY | AFOSR67-1914 |
| SOME RESULTS CONCERNING THE ZERO-CROSSINGS OF GAUSSIAN NOISE | AFOSR67-2080 |
| SOME RESULTS RELATING MOMENT GENERATING FUNCTIONS AND CONVERGENCE RATES IN THE LAW OF LARGE NUMBERS | AFOSR67-2410 |
| SOME RESULTS IN A THEORY OF PROBLEM SOLVING | AFOSR68-0346 |
| SOME RESULTS IN A THEORY OF PROBLEM SOLVING /PART II/ | AFOSR68-2083 |
| FINAL RESULTS OF CAMBRIDGE AND CGI PENDULUM MEASUREMENTS | AFCL67-0524 |
| FIRST RESULTS OF SEISMOLOGICAL INVESTIGATION RELATED WITH THE ISPRIAN PENINSULA REGION | AFOSR67-0308 |
| RECENT RESULTS IN LINEAR AND NON-LINEAR FILTERING | AFOSR68-2451 |
| TWO NEW RESULTS IN CYLINDRICAL DIODOTRON THEORY | AFOSR68-0222 |
| INITIAL RESULTS OF SIMULTANEOUS RADAR-OPTICAL SIGNATURE MEASUREMENTS | ARL 67-1325 |
| FURTHER RESULTS ON ESTIMATION OF THE P.M. METERS ON THE PEARSON TYPE III AND WEIBULL DISTRIBUTIONS IN THE NON-REGULAR | ARL 68-0807 |
| NEGATIVE RESULTS IN A SEARCH FOR RADIO EMISSION FROM INFRARED AND T TAU1 STARS | AFOSR67-2778 |
| PRELIMINARY RESULTS OF A NEW FORMULATION OF THE HYPERSONIC LEADING EDGE FLOW PROBLEM | AFOSR67-1936 |
| PRELIMINARY RESULTS OF AN INVESTIGATION OF CRUSTAL STRUCTURE IN SOUTHEASTERN EUROPE | AFOSR67-2158 |
| PRELIMINARY RESULTS FROM THE STONEY UNIVERSITY GIANT AIR SHOWER RECORDER | AFOSR68-1968 |

RESULTS

- CONTINUED

ON NUMERICAL RESULTS OF A ONE-DIMENSIONAL UNSTEADY VARIATIONAL METHOD IN MGD
 SOME NONLOCAL RESULTS FOR SPARLY NONLINEAR DYNAMICAL SYSTEMS
 FURTHER EXPERIMENTAL RESULTS FOR THREE-DIMENSIONAL FREE JETS
 CYCATOR AND STATE-VARIABLE RESULTS FOR LINEAR INTEGRATED CIRCUITS
 PRINCIPAL SUBMATRICES V SOME RESULTS CONCERNING PRINCIPAL SUBMATRICES OF ARBITRARY MATRICES
 RANDOM QUIN SYSTEMS SOME RECENT RESULTS
 E REGION AND MAGNETOSPHERE JACKSCATTER RESULTS
 STATISTICAL MECHANICS-A REVIEW OF SELECTED RECENT RESULTS
 AIA DEPENDENCY DEPENDENCE OF COSMIC RAY INTENSITY METHODS AND RESULTS OF A STATISTICAL ANALYSIS OF NEUTRON MONITOR DATA
 SLEW STUDY IN SURFACTANT SCORING LEUCOENCEPHALITIS /SSPE/ /FIRST RESULTS/
 ON THE EFFECTIVITY OF SETS OF ELECTROMAGNETIC RADIATION SOURCES I GENERAL RESULTS FOR SETS OF IDENTICAL ISOTROPIC
 HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS II EXPERIMENTAL RESULTS AND COMPARISON WITH THEORY
 SHOCK WAVE PRECURSOR MEASUREMENTS PART II EXPERIMENTAL APPARATUS AND AIR TEST RESULTS
 CHEMICAL SOCIETY OF ZURICH--CONFORMATIONAL ANALYSES OF MOBILE SYSTEMS--METHODS AND RESULTS /GERMAN/
 AFOSR67-0677
 AFOSR68-2836
 AFOSR67-1997
 AFOSR68-2304
 AFOSR68-2246
 AFOSR68-2267
 AFOSR67-2280
 AFOSR68-2667
 AFOSR67-0212
 AFOSR67-2696
 AFOSR67-0152
 AFOSR67-2061
 AFOSR68-1772
 AFOSR68-2422

RETARDATION
 THE RETARDATION OF LIGAND OXIDATIONS BY CO-ORDINATION
 THE BALLUTE A RETARDATION DEVICE AND WIND SENSOR
 ELIPSOIDOMETRY USING A RETARDATION PLATE AS COMPENSATOR
 AFOSR67-2811
 AFOSR67-0659
 AFOSR67-2087

METAPHORS
 GENERAL FORM OF THE RETARDED VAN DER WAALS POTENTIAL
 SIMILARITY SOLUTIONS FOR THE RETARDED COMPRESSIBLE BOUNDARY LAYER WITH HEAT AND MASS TRANSFER FINAL REPORT MARCH 1967
 AFOSR68-1971
 ARL 67-0084

RETENTION
 RETENTION OF OPINION CHANGE AS A FUNCTION OF DIFFERENTIAL SOURCE CREDIBILITY
 SENTENCE LENGTH AND SENTENCE RETENTION IN THE FREE-LEARNING SITUATION
 GRAMMATICAL FACTORS IN SENTENCE RETENTION
 INTERFERENCE ON DECAY OVER SHORT RETENTION INTERVALS
 THE ROLE OF THE THALAMUS MEDIAN IN THE ESTABLISHMENT AND THE RETENTION OF CONDITIONED DEFENSES CLASSICAL AND
 EFFECT OF SIZE AND LOCATION OF INFORMATIONAL TRANSFORMS UPON SHORT TERM RETENTION
 AFOSR68-2549
 AFOSR67-2235
 AFOSR67-1825
 AFOSR67-1809
 AFOSR67-2114
 AFOSR67-1811

RETICULAR
 DYNAMICS OF RETICULAR AND LIMIC POST STIMULUS DISCHARGE
 ON A CYBERNETIC THEORY OF THE RETICULAR FORMATION
 SOME MECHANISMS FOR A THEORY OF THE RETICULAR FORMATION FINAL REPORT FEB 1967
 VISUAL AFFERENT ACTIVITY EFFECTS ON BRAIN STEM RETICULAR FORMATION FINAL REPORT JULY 1966
 RELATIONSHIPS BETWEEN DEEPENING INDUCED PHASIC EEG ACTIVITY AND SINGLE UNIT DISCHARGE IN THE PONTINE RETICULAR
 AFOSR68-0479
 AFOSR68-2642
 AFOSR67-0928
 AFOSR68-0040
 AFOSR67-2560

RETINA
 CENTRIFUGAL FIBERS TO THE RETINA OF OCTOPUS VULGARIS
 LOCALIZATION OF SPIKE-PRODUCING CELLS IN THE FROG RETINA
 MECHANISM SUBSERVING COLOR CODING IN THE VERTEBRATE RETINA FINAL REPORT DEC 1966
 MECHANISMS SUBSERVING COLOR CODING IN THE VERTEBRATE RETINA FINAL REPORT MARCH 1968
 FURTHER STUDIES ON THE VELOCITY FUNCTION OF MOVEMENT DETECTING CLASS-2 NEURONS IN THE FROG RETINA
 AFOSR67-0132
 AFOSR68-2707
 AFOSR67-0177
 AFOSR68-0007
 AFOSR68-2703

RETINAL
 RETINAL RESPONSES WITH DIFFERENT BACKGROUND LIGHT AND PSYCHOPHYSICAL CORRELATION
 RETINAL FINE STRUCTURE AND VISUAL ORIENTATION FINAL REPORT OCT 1968
 BRIGHTNESS AS A FUNCTION OF RETINAL LOCUS IN THE LIGHT- ADAPTED EYE
 SPATIAL AND TEMPORAL AVERAGES IN RETINAL CHANNELS
 SPATIAL AND TEMPORAL ORGANIZATION IN RETINAL UNITS
 STATISTICAL INDEPENDENCE OF EVENTS IN NEIGHBORING RETINAL UNITS
 DISCRIMINABILITY OF STIMULI VARYING IN PHYSICAL AND RETINAL ORIENTATION
 AFOSR67-2542
 AFOSR68-2336
 AFOSR68-1651
 AFOSR68-2690
 AFOSR67-2538
 AFOSR67-2540
 AFOSR67-2007

RETINULAR
 PIGMENT MIGRATION AND RETINULAR SENSITIVITY
 AFOSR68-0696

RETREAT
 ESTIMATING THE DATE OF RETREAT OF THE RAINY SEASON IN SOUTHERN SOUTH VIETNAM
 AFOSR68-0229

RETRIEVAL
 RETRIEVAL OF TECHNICAL DOCUMENTS FINAL REPORT NOV 1967
 MACHINE RETRIEVAL OF BIOGRAPHICAL DATA
 INFORMATION RETRIEVAL EXPERIMENT FINAL REPORT JUNE 1967
 DECISION PROCESSES IN RETRIEVAL FROM MEMORY COMMENT ON THE CONTRIBUTIONS OF LLOYD H PETERSON AND CHARLES N COFER
 AN ORAL EXPERIMENT ON RETRIEVAL DIALOGUE
 A WRITTEN EXPERIMENT OF RETRIEVAL DIALOGUE
 EFFECTIVENESS OF INFORMATION RETRIEVAL METHODS
 COMBINATORIAL DOCUMENT STORAGE AND RETRIEVAL
 FUNCTIONAL ANALYSIS OF INFORMATION RETRIEVAL FINAL REPORT AUG 1968
 AN EXPERIMENTAL ON-LINE INFORMATION RETRIEVAL SYSTEM
 DESIGN PRINCIPLES FOR AN ON-LINE INFORMATION RETRIEVAL SYSTEM
 BIOLOGICAL PRINCIPLES OF INFORMATION STORAGE AND RETRIEVAL
 UNIFICATION OF THEORY AND EMPIRICISM IN INFORMATION RETRIEVAL FINAL REPORT OCT 1967
 SYSTEMS MANUAL FOR THE EXPERIMENTAL LITERATURE COLLECTION AND REFERENCE RETRIEVAL SYSTEM OF THE CENTER FOR THE
 AFOSR68-0244
 AFOSR68-0190
 AFOSR67-2362
 AFOSR67-2232
 AFOSR68-1836
 AFOSR68-1839
 AFOSR67-0412
 AFOSR67-0621
 AFOSR68-2108
 AFOSR68-1609
 AFOSR67-0423
 AFOSR68-0774
 AFOSR67-2667
 AFOSR67-1676

RETROGRADE
 RETROGRADE CATHODE SPOT BEHAVIOR IN LOW DENSITY ARCS. FINAL REPORT SEP 1967
 RETROGRADE CATHODE SPOT BEHAVIOR IN LOW DENSITY ARCS
 APL 67-0194
 ARL 67-1076

RETROSPECT
 THE GEORGETOWN-100 EXPERIMENT OF 1964: AN EVALUATION IN RETROSPECT
 AFOSR68-0340

RETURN
 RADAR RETURN FROM TARGETS HIDDEN BY GROUND CLUTTER
 AFOSR67-0668

RETURN
 TRACKINGS OF THE WORKSHOP ON METHODS OF OBTAINING WINDS AND DENSITIES FROM RADAR METEOR TRAIL RETURNS
 AFOSR68-0224

RETURNS
 TRACKING OF NONLINEARITY IN ISOLATED ADRENALIC ABOVE GHANAPS AND THE ACTION OF ATP
 AFOSR68-0192

REUPTAKE - CONTINUED

REUPTAKE AND NET UPTAKE OF NORADRENALINE IN ADRENERGIC NERVE GRANULES WITH A NOTE ON THE AFFINITY FOR L- AND D-ISOMERS AFOSR68-0311

REVERSAL

TIME REVERSAL AND DETAILED BALANCE IN DWBA AFOSR68-0902
NATURE OF THE FLOW IN A SPHER. CHAMBER HAVING ENDWALL FLOW REVERSAL FINAL REPORT JULY 1968 ARL 68-0131

REVERSALS

THERMALLY DRIVEN ROSSBY-WOKE DYNAMO FOR SOLAR MAGNETIC-FIELD REVERSALS AFOSR68-0290

REVERSED

A SPECIMEN FOR REVERSED SHARP DEFORMATIONS AFOSR68-2418

REVERSIBILITY

ABSTRACT NEUROLOGICAL SYSTEMS AS SEQUENTIAL MACHINES REVERSIBILITY AFOSR67-0912

REVERSIBLE

THE REVERSIBLE THERMAL DECOMPOSITION OF TRIPHENYLMETHYLBOROX RADICAL TO TRIPHENYLMETHYL RADICAL AND OXYGEN AFOSR67-1203
ABSOLUTE GRAVITY MEASUREMENT BY MEANS OF REVERSIBLE PENDULUM APPARATUS FINAL REPORT SEPT 1967 AFOSR67-0597
FLASH PHOTOLYSIS STUDIES OF 1,3,5-CYCLOCTATRIENE A REVERSIBLE RING OPENING AFOSR67-2403

REVIEW

REVIEW OF WORLDWIDE ATMOSPHERIC AND COMMUNICATIONS EFFECTS OF U.S. 1967 NUCLEAR TESTS /U/ -- VOLUME II FINAL REPORT NOV AFOSR67-0103
REVIEW OF CLINICAL AND EXPERIMENTAL STUDIES IN CONDITIONAL REFLEXES PSYCHO AND NEUROPHYSIOLOGY IN USSR CZECHOSLOVAKIA AFOSR67-1246
REVIEW OF SCRAMJET PROPULSION TECHNOLOGY ARL 68-0097
A REVIEW OF THE APPLICABILITY OF THE SOUTHWELL PLOT TO THE INTERPRETATION OF TEST DATA OBTAINED FROM STABILITY STUDIES AFOSR67-1441
A REVIEW OF THE STATE OF THE ART OF CYCLONE-TYPE SEPARATORS FINAL REPORT MARCH 1967 ARL 67-0047
A REVIEW OF DISPERSION RELATIONS FOR LOW FREQUENCY WAVES IN QUIESCENT MAGNETO PLASMAS FINAL REPORT MARCH 1967 ARL 67-0055
SPECIAL REVIEW PART II PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH AFOSR67-2267
SPECIAL REVIEW PART II PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH AFOSR67-2268
A CRITICAL REVIEW OF HETEROGENEOUS MIXING PROBLEMS ARL 67-0187
A CRITICAL REVIEW OF THE GAS CHROMATOGRAPHY OF METAL CHELATES ARL 68-1064
AN EXPLORATORY REVIEW AND CRITIQUE OF THE LITERATURE RELATING TO TRENDS AND CHANGES IN HIGHER EDUCATION FINAL REPORT AFOSR68-1847
STATISTICAL MECHANICS-A REVIEW OF SELECTED SIGNIFICANT RESULTS AFOSR68-2502
COMPUTER SCIENCE RESEARCH REVIEW AFOSR67-0952
COMPUTER SCIENCE RESEARCH REVIEW AFOSR68-0449
OSCILLATORY VISCOUS FLOWS REVIEW AND EXTENSION AFOSR68-0649
THEORY OF PARTIAL COHERENCE A REVIEW AFOSR67-0192
THE METHOD OF WEIGHTED RESIDUALS-A REVIEW AFOSR67-0064
FIFTH ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW AFOSR68-0581
PROCEEDINGS OF ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW 4TH AUSTIN TEXAS 16-17 MAR 1967 AFOSR67-0651
RESEARCH IN ELECTROMAGNETIC RADIATION AND ANTENNAS A SUMMARIZING REVIEW FINAL REPORT DEC 1967 AFOSR67-0067
LOCAL THERMODYNAMIC EQUILIBRIUM MODEL ATMOSPHERE WITH LINE BLANKETING REVIEW AND FUTURE PROSPECTS AFOSR67-0319

REVISED

REVISED DATA ON POLYCRYSTALLINE MAGNESIUM OXIDE AFOSR68-1452
RE-EXAMINATION OF THE SOURCE COUNTS FOR THE IC REVISED CATALOGUE AFOSR68-1087

REVISIONS

SAMPLING DISTRIBUTIONS AND PROBABILITY REVISIONS AFOSR68-1188

REVOLUTION

GENERALIZED NETWORK PARAMETERS FOR RODS OF REVOLUTION AFOSR68-0282
THE ELECTROSTATIC FIELD AROUND A SLENDER CONDUCTING BODY OF REVOLUTION AFOSR67-0615

REVOLUTIONARY

FROM REVOLUTIONARY TO SEMI-AUTOCRAT THE REGULARISATION OF CADRES AFOSR68-0703

REVOLUTIONIZING

POWER AND PROGRESS IN REVOLUTIONIZING CHINA AFOSR67-0674

REYKJAVIK

PROCEEDINGS OF THE SURTSEY RESEARCH CONFERENCE /2ND/ REYKJAVIK ICELAND 25 THRU 28 JUNE 1967 PP1-108 FINAL REPORT JUNE AFOSR68-2175

REYNOLDS

A TUBE WIND TUNNEL FOR HIGH REYNOLDS NUMBER SUPERSONIC TESTING ARL 68-0031
NUMERICAL CALCULATION OF THE LOW REYNOLDS NUMBER FLOW OVER A BLUNT WEDGE WITH REARWARD FACING STEP FINAL REPORT JULY ARL 67-0151
A NOTE ON THE VARIATION OF THE UNIT REYNOLDS NUMBER ON A FLAT PLATE AS A FUNCTION OF THE ANGLE OF ATTACK FINAL REPORT ARL 68-0030
VISCOUS EFFECTS ON BLUNT BODIES AT LOW REYNOLDS NUMBERS AND HYPERSONIC SPEED ARL 67-1228
THE EFFECT OF WALL TEMPERATURE ON THE LOW REYNOLDS NUMBER HYPERSONIC STAGNATION REGION SHOCK LAYER ARL 67-0076
HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS II EXPERIMENTAL RESULTS AND COMPARISON WITH THEORY AFOSR67-2061
HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS I THEORY FOR VARIABLE PROPERTY FLOW AFOSR67-2065
VISCOUS HYPERSONIC FLOW OVER POINTED CONES AT LOW REYNOLDS NUMBERS ARL 67-0268
COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS ARL 68-1261
VELOCITY GRADIENTS AT THE WALL FOR FLOW AROUND A CYLINDER FOR REYNOLDS NUMBERS BETWEEN 60 AND 360 AFOSR68-2079
THE VISCOUS INCOMPRESSIBLE FLOW PART A CIRCULAR CYLINDER AT MODERATE REYNOLDS NUMBERS AFOSR68-1664
WALL SHEAR STRESS DISTRIBUTION FOR FLOW AROUND A CIRCULAR CYLINDER AT REYNOLDS NUMBER BETWEEN 60 AND 360 AFOSR67-2358
AN ELECTRIC ARC HELD STATIONARY BY A MAGNETIC FIELD IN A UNIFORM FLOW THEORY FOR LOW REYNOLDS NUMBER FLOW ARL 68-0025
MATHEMATICAL THEORY OF STEADY COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS FINAL REPORT ARL 67-0140
NATURAL CONVECTION FROM A HORIZONTAL CYLINDER IN THE PRESENCE OF A SOUND FIELD GIVING LARGE STREAMING REYNOLDS NUMBERS ARL 68-0048

RHENIUM

REACTIONS OF RHENIUM CARBONYL DERIVATIVES WITH ANTIMONY PENTACHLORIDE AFOSR68-0687
SUPERCONDUCTIVITY OF RHENIUM AND SOME RHENIUM-OSMIUM ALLOYS AT HIGH PRESSURE AFOSR68-0681
ISOTOPIC EFFECT IN SUPERCONDUCTING RHENIUM AFOSR68-0883
CHEMISTRY OF THE METAL CARBONYLS PART XLVI PERFLUOROTETRAHYDROXYL IRON RHENIUM AND MANGANESE COMPLEXES AFOSR68-1335

RHENIUM-OSMIUM

SUPERCONDUCTIVITY OF RHENIUM AND SOME RHENIUM-OSMIUM ALLOYS AT HIGH PRESSURE AFOSR68-0681

| | |
|---|--------------|
| RHEOLOGICAL | |
| WAVE PROPAGATION IN MATERIALS HAVING FREQUENCY DEPENDENT RHEOLOGICAL PROPERTIES | AFCL68-0141 |
| RHEIN, GUY | |
| THE RHEOLOGY OF MUSCLE | AFOSR68-1688 |
| RHEUS | |
| PERFORMANCE AND BIOCHEMICAL RESPONSES RELATED TO SOCIAL CHANGES VERSUS CHEMOTHERAPY IN NONHUMAN PRIMATES / RHESUS | AML 67-0023 |
| RHOBIUM | |
| NEW RHOBIUM COMPLEXES OF HEXAFLUOROACETYLACETONE | ARL 67-0066 |
| SYNTHESIS OF RHOBIUM CARBOXYL AND IRIIDIUM CARBOXYL | AFOSR68-0351 |
| LOW-TEMPERATURE SUSCEPTIBILITIES OF RHOBIUM AND IRIIDIUM WITH IRON IMPURITIES | AFOSR67-1532 |
| RHOMBHEDRAL | |
| HIGH-MAGNETIC-FIELD STUDIES OF ORTHORHOMBIC AND RHOMBHEDRAL /ALUMINUM IRON OXIDE/ COMPOUNDS | AFOSR67-1680 |
| RHYTHM | |
| A PHYSICO-CHEMICAL BASIS FOR PATTERN AND RHYTHM | AFOSR67-1163 |
| RHYTHMIC | |
| RHYTHMIC ACTIVITY IN A SIMULATED NEURONAL NETWORK | AFOSR67-0207 |
| RHYTHMS | |
| EFFECTS OF PHYSIOLOGICAL RHYTHMS ON PERFORMANCE FINAL REPORT MARCH 1967 | AFOSR67-0857 |
| THE DURATION OF RE-ENTRAINMENT OF CIRCADIAN RHYTHMS AFTER PHASE SHIFTS OF THE ZEITGEBER | AFOSR67-0490 |
| RICCATI | |
| GENERALIZED LINEAR DIFFERENTIAL SYSTEMS AND RELATED RICCATI MATRIX INTEGRAL EQUATIONS | AFOSR67-0216 |
| RICCATIS | |
| THE APPROXIMATE SOLUTION OF RICCATIS EQUATION | AFOSR67-0297 |
| RIDDANCE | |
| OPTIMUM TRANSIENT RIDDANCE IN DAMPED LINEAR SYSTEMS | AFOSR68-2427 |
| RIDER | |
| RIDER ANNIVERSARY VOLUME | ARL 68-0223 |
| RIDGE | |
| THE EFFECT OF A FOREGROUND RIDGE ON THE GAIN AND PATTERN OF AN ANTENNA | AFCL67-0454 |
| RIDGES | |
| MECHANISM OF EARTHQUAKES AND NATURE OF FAULTING ON THE MID- OCEANIC RIDGES | AFCL67-0327 |
| RIEMANN | |
| RIEMANN SURFACES WHICH ARE DOUBLES OF PLANE DOMAINS | AFOSR68-2647 |
| THE RIEMANN MATRIX OF $1/2$ PLUS $1/2$ -DIMENSIONAL SYMMETRIC- HYPERBOLIC SYSTEMS | AFCL67-0520 |
| ON LIMITS OF RIEMANN SUMS AND THE RANGE OF INTEGRALS | AFOSR68-1026 |
| SEPARATION OF ZEROS OF THE RIEMANN ZETA-FUNCTION | AFOSR67-2122 |
| ON THE RING OF HOLONOMIC FUNCTIONS ON AN OPEN RIEMANN SURFACE | AFOSR68-1500 |
| VAN DER WAALS FORCE DISPERSION THEORY AND SINGULARITIES ON SECOND RIEMANN SHEETS | AFOSR67-2703 |
| RIEMANNIAN | |
| THE SHAN AND PRINCIPAL FUNCTIONS IN RIEMANNIAN SPACES | AFOSR68-2616 |
| PARALLEL AND CENTRAL TRANSFORMATIONS OF RIEMANNIAN MANIFOLDS | AFOSR68-1974 |
| POSSIBLE CONFORM INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY | ARL 67-1331 |
| RIEBS-THORIN | |
| A GENERALIZATION OF THE THEOREM OF RIEBS-THORIN /ITALIAN/ | AFOSR68-0061 |
| RIGGED | |
| RIGGED HILBERT SPACES IN QUANTUM MECHANICS | AFOSR67-0141 |
| RIGHT | |
| TEMPERATURE-TIME HISTORY OF RIGHT CIRCULAR CYLINDER IN HYPERSONIC FLOW | ARL 68-0149 |
| RIGHT-ANGLED | |
| MULTI-MODE SURFACE WAVE DIFFRACTION BY A RIGHT-ANGLED WEDGE | AFCL67-0073 |
| RIGHT-CIRCULAR | |
| AERODYNAMICS OF OSCILLATING DISKS AND A RIGHT-CIRCULAR CYLINDER | ARL 67-0084 |
| RIGHT-HAND | |
| ON A MEAN VALUE THEOREM FOR VECTOR-VALUED FUNCTIONS WITH APPLICATIONS TO UNIQUENESS THEOREMS FOR RIGHT-HAND- | AFOSR67-0775 |
| RIGHT-HANDED | |
| ON THE LEFT-HANDED RIGHT-HANDED AND TWO-SIDED PRIMES | AFOSR68-0769 |
| RIGID | |
| SHOCK STRUCTURE IN A GAS OF RIGID NONCENTRAL PARTICLES | AFOSR67-2461 |
| STABILITY OF AN ELASTIC RING IN A RIGID CAVITY | AFOSR67-2055 |
| EXCHANGE ENERGY STRESS AND MOMENTUM IN A RIGID FERROMAGNET | AFCL67-0862 |
| EQUILIBRIUM AND CONSTITUTIVE EQUATIONS FOR RIGID HEAT CONDUCTORS | AFOSR67-2163 |

DYNAMIC BUCKLING OF A CIRCULAR RING CONSTRAINED IN A RIGID CIRCULAR SURFACE
EXCHANGE TORQUE POWER AND MOMENTUM FLOW AND STRESS IN A RIGID PERMANENT
EFFECT OF INITIAL IMPERFECTIONS ON THE INSTABILITY OF A RING CONFINED IN AN IMPERFECT RIGID BOUNDARY
CONJECTURE CONCERNING AN ASYMPTOTIC MODIFICATION OF THE VON-KARMAN-GREEN EQUATION FOR FLUIDS OF RIGID SPHERES AND DISKS
AFOSR67-1948
AFCL67-0295
AFOSR68-2672
AFOSR68-0785

RIGID-DISK
ON THE EQUATION OF STATE OF THE RIGID-DISK FLUID
AFOSR67-0876

RIGID-PLASTIC
ON HANTING LOWER BOUND FOR RESPONSE TIME OF IMPULSIVELY LOADED RIGID-PLASTIC STRUCTURES
AFOSR68-1338

RIGIDITIES
VERTICAL CUTOFF RIGIDITIES IN THE SOUTH ATLANTIC
AFCL67-3082

RIGIDITY
EXPERIMENTAL EVALUATION OF VARIOUS RIGIDITY MODELS
DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY
DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY
CORRELATES OF ANNIVALENCE RISK-TAKING AND RIGIDITY FINAL REPORT MARCH 1967
COSMIC-RAY RADIAL DENSITY GRADIENT AND ITS RIGIDITY DEPENDENCE OBSERVED AT SOLAR MINIMUM ON MARINER IV
FURTHER RESEARCH ON THE EFFECT OF TEST MACHINE EXTENSIONAL RIGIDITY ON THE INITIAL BUCKLING LOAD OF UNREINFORCED
AFCL67-0099
AFCL67-0639
AFOSR67-2707
AFOSR67-1157
AFOSR67-2864
AFOSR67-1588

RIGNRY
COMMENTARY ON THE RIGNRY AND BLAKELY PAPER KINETICS OF THE SOLID-LIQUID TRANSITION IN TEN
AFOSR68-1584

RIGOROUS
RIGOROUS RESULTS ON THE ERROR IN NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATIONS
RANDOM SPIN SYSTEMS SOME RIGOROUS RESULTS
STATISTICAL MECHANICS-A REVIEW OF SELECTED RIGOROUS RESULTS
ARL 67-1258
AFOSR68-2567
AFOSR68-2687

RING
ON THE RING OF HOMOMORPHIC FUNCTIONS ON AN OPEN RIEMANN SURFACE
BRIDGED RING SYSTEMS--XIII THE SYNTHESIS OF CYCLOHEPTENE CARBOXYLIC ACIDS
THE LOCAL RING OF THE GENUS THREE MODULUS SPACE AT KLEINS 168 SURFACE
STUDIES IN RING EXPANSION FINAL REPORT DEC 1966
THE EFFECT OF RING SIZE ON THE RATE OF PYROLYSIS OF CYCLOALYL PHENYL SULFOXIDES
A NOVEL PHOTOINDUCED RING EXPANSION OF 1-T-BUTYL-2-PHENYL-3-BENZOYLAZETIDINE
FOURIER SERIES ON THE RING OF INTEGERS IN A P-SERIES FIELD
BUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHELLS
BUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHELLS
UNSTABLE PLASMA IN THE RING APPROXIMATION
STABILITY OF AN ELASTIC RING IN A RIGID CAVITY
MOTION AND DECAY OF A VORTEX RING
DYNAMIC BUCKLING OF A CIRCULAR RING CONSTRAINED IN A RIGID CIRCULAR SURFACE
WAVE PROPAGATION IN A SANDWICH RING
NOISE EMISSION OF ELECTRODELESS RING DISCHARGES WITH STATIC MAGNETIC FIELD
PHOTOCHEMICAL TRANSFORMATIONS OF SMALL RING CARBONYL COMPOUNDS X PHOTODESULFURIZATION OF DIBENZOYLSTILBENE EPISULFIDE
ON THE THEORY OF UNSTABLE PLASMAS IN THE RING APPROXIMATION I
BUCKLING OF RADIALLY CONSTRAINED CIRCULAR RING UNDER DISTRIBUTED LOADING
SYNTHESIS OF ATROPINE LABELED WITH C14 IN THE TROPINE RING AND EFFECT OF COLD ACCLIMATION ON ATROPINE METABOLISM FINAL
EFFECT OF INITIAL IMPERFECTIONS ON THE INSTABILITY OF A RING CONFINED IN AN IMPERFECT RIGID BOUNDARY
LONG CYLINDRICAL SHELL UNDER LOADS APPLIED TO A REINFORCING RING
FLASH PHOTOLYSIS STUDIES OF 1,3,5-CYCLOOCTATRIENE A REVERSIBLE RING OPENING
DEFENSIVE BEHAVIOUR AND THE AFTER EFFECTS OF BRAIN STIMULATION IN THE RING DOVE /STREPTOPELIA RISORIA/
ELECTRONIC SPECTRA OF CESIUM SALTS OF CARNATIONS I SPECTROSCOPIC EFFECTS OF METHYL GROUPS AND CORRESPONDING O O RING
AFOSR68-1500
AFOSR68-0733
AFOSR67-2388
AFOSR67-0036
AFOSR67-1614
AFOSR67-2628
AFOSR67-2616
AFOSR68-0665
AFOSR68-1468
AFOSR68-1814
AFOSR67-2055
AFOSR67-0077
AFOSR67-1945
AFOSR68-2229
ARL 68-1139
AFOSR67-2658
AFOSR68-1093
AFOSR67-2508
AFOSR67-2030
AFOSR68-2672
AFOSR67-2583
AFOSR67-2403
AFOSR68-0806
AFOSR68-1166

RINGING
THE RINGING IRREGULARITY IN IONOSPHERIC SCINTILLATION
AFCL68-0263

RINGS
GROUP RINGS OVER DEDEKIND DOMAINS
GROUP RINGS OVER DEDEKIND DOMAINS II
VORTEX RINGS AND THE PLATE JET
BRIDGED RINGS PART XI A NOVEL FRAGMENTATION
QUANTIZED VORTEX RINGS IN ROTATING HELIUM II
ON COMMUTATIVITY OF RINGS
INTERACTION OF QUANTIZED VORTEX RINGS WITH QUANTIZED VORTEX LINES IN ROTATING HE II
AN ELASTO-PLASTIC ANALYSIS OF CIRCULAR RINGS WITH TEMPERATURE DEPENDENT YIELD STRESS
HYDROGEN-ADDITION RADICALS FORMED IN THE AROMATIC RINGS OF AMINO ACIDS POLYAMINO ACIDS AND PROTEINS
AFOSR67-0996
AFOSR68-0302
AFOSR68-0472
AFOSR67-0110
AFOSR67-1016
ARL 68-1286
AFOSR68-2527
AFOSR67-2836
AFOSR68-2749

RINGING
MASS TRANSPORT ANALYSIS FOR OSTWALD RINGING AND RELATED PHENOMENA
AFOSR67-2387

RISING
DYNAMICS BASED ON RISING RING TRAJECTORIES
RISING MICROBULBATION EVENTS WITH A RISING MEDIUM FREQUENCY CHARACTERISTIC
AFOSR68-1360
AFCL67-0251

RISK
EFFECTS OF STRESS ON RISK TAKING
UNSUPERVISED LEARNING MINIMUM RISK ADAPTIVE PATTERN CLASSIFICATION
ON QUANTITATIVE DETERMINATION OF EARTHQUAKE RISK
AN INFORMATION PROCESSING THEORY OF HUMAN DECISION MAKING UNDER UNCERTAINTY AND RISK
AFOSR68-1415
AFOSR67-1889
AFOSR68-1440
AFOSR67-2129

RISK-TAKING
CORRELATES OF ANNIVALENCE RISK-TAKING AND RIGIDITY FINAL REPORT MARCH 1967
AFOSR67-1157

RISORIA
DEFENSIVE BEHAVIOUR AND THE AFTER EFFECTS OF BRAIN STIMULATION IN THE RING DOVE /STREPTOPELIA RISORIA/
AFOSR68-0606

RHOYNAMIC
THE RHOYNAMIC PROPERTIES OF ORGANIC DERIVATIVES OF THE LIGHTER ELEMENTS
AFOSR68-0984

MRPRT
 STUDIES IN PROBLEM SOLVING SUBJECT 3 ON THE CRYPT- ARITHMETIC TASK DONALD PLUS GERALD EQUALS ROBERT AFOSR67-2169

ROBIN
 REPORT ON HIGH ALTITUDE ROBIN FLIGHTS OCTOBER 1966 AFCL67-0433
 DESIGN DEVELOPMENT AND FLIGHT TEST OF THE VIPER DART ROBIN METEOROLOGICAL ROCKET SYSTEM FINAL REPORT JUNE 1968 AFCL68-0418

ROBINSON
 BY-PRODUCTS OF THE ROBINSON AMPLATION REACTION WITH CYCLO- HEXANONE CYCLOPENTANONE AND CYCLOPENTANE-1,2-DIONE AFOSR67-1428

ROCHESTER
 A PULSED-NEAR FACILITY FOR THE UNIVERSITY OF ROCHESTER RD TANDEN AFOSR67-0909

ROCK
 ROCK DEFORMATION AND THE DEFORMATION MECHANISMS IN TORSION TESTS FINAL REPORT MAR 1967 AFCL67-0308
 MICROHAARDNESS ANISOTROPY IN ROCK SALT STRUCTURE OXIDES ARL 68-1176
 PROPAGATION OF LONG ELECTROMAGNETIC WAVES THROUGH ROCK AFCL67-0361
 THEORETICAL AND EXPERIMENTAL STUDIES OF MECHANICAL PROPERTIES OF ROCK FINAL REPORT MAY 1968 AFCL68-0261
 THE FREQUENCY DEPENDENCE OF THE DIELECTRIC CONSTANT AND CONDUCTIVITY OF ROCK AND ITS RELATION TO QUANTITIES OF ROCK AFCL67-0362

ROCKET
 ROCKET INSTRUMENTATION FOR AURORAL MEASUREMENTS - BLACK ARANT AC 17-604 AFCL67-0295
 ROCKET INSTRUMENTATION FOR SOLAR ECLIPSE MEASUREMENTS 18 NOVEMBER 1966 AFCL67-0336
 ROCKET INSTRUMENTATION FOR THE GYRO-INTERACTION EXPERIMENT - ACROBEE AE 3 614 AFCL67-0504
 ROCKET MEASUREMENTS OF LOW-ENERGY AURORAL ELECTRON ENERGY SPECTRA FINAL REPORT OCT 1967 AFCL67-0418
 ROCKET AND SATELLITE TECHNIQUES FOR MEASUREMENT OF ELECTRON DENSITY AND RELATED IONOSPHERIC PARAMETERS FINAL REPORT AFCL68-0010
 ROCKET ANTENNA MULTIPACTOR BREAKDOWN UNDER DYNAMIC PRESSURE CONDITIONS AFCL68-0185
 ROCKET 10 HORIZON DATA ANALYSIS FINAL REPORT JUNE 1968 AFCL68-0300
 ROCKET INSTRUMENTATION FOR AURORAL MEASUREMENTS - ACROBEE 3.615 AFCL68-0538
 A ROCKET INSTRUMENT FOR THE MEASUREMENT OF OXY AIRFLOW AFCL67-0257
 A ROCKET MEASUREMENT OF LOW ENERGY PROTONS AFCL67-0441
 A ROCKET BORNE AIR DENSITY MEASUREMENT SYSTEM UTILIZING ELECTRON-BREMSSTRAHLUNG-CALIBRATION AND FLIGHT AFCL67-0612
 ASPECT OF A ROCKET FROM MAGNETOMETER DATA FINAL REPORT JUNE 1967 AFCL67-0424
 LOWER D-REGION ROCKET EXPERIMENTS USING LOW FREQUENCY RADIO WAVE ABSORPTION AFCL67-0860
 PARAMETRIC STUDY OF ROCKET INSTABILITY FINAL REPORT FEB 1968 AFOSR68-0605
 PROVIDE PAYLOAD FOR ACROBEE ROCKET REFURISH AND TEST A LUNAR POINTING CONTROL AND TELEMETRY SYSTEM FINAL REPORT NOV AFCL67-0647
 CONJUGATE POINTS ON EXTREMAL ROCKET PATHS AFOSR68-1537
 PILOT MEASUREMENTS ON AN X-15 ROCKET PLANE FINAL REPORT AUG 1968 AFCL68-0343
 SRI EXPERIMENTS ON AFCL MIKE-CAJUN ROCKET AD 6 R42 AND ON TRAILBLAZER II AFCL68-0196
 S-BAND TELEMETRY ANTENNA STUDIES SOUNDING ROCKET RESEARCH AND DEVELOPMENT PROBLEMS AFCL68-0331
 CORRUPTION INSTABILITY IN LIQUID PROPELLANT ROCKET ENGINES FINAL REPORT OCT 1966 AFOSR67-0149
 FLAME-PILOTING MECHANISMS IN LIQUID PROPELLANT ROCKET ENGINES AFOSR67-0938
 CORRUPTION PRESSURE OSCILLATIONS IN AN UNMIXED GAS ROCKET MOTOR AFOSR67-1801
 PHYSICAL AND BALLISTIC TESTS IN SUPPORT OF SOUNDING ROCKET VEHICLES FINAL REPORT MAY 1967 AFCL67-0275
 INVESTIGATION OF CORRUPTION CHARACTERISTICS OF A BI-PHASE ROCKET AFOSR68-1206
 ANALYTICAL AND EXPERIMENTAL INVESTIGATIONS OF OSCILLATIONS IN ROCKET MOTOR BAPPL CAVITIES FINAL REPORT MAY 1968 AFOSR68-1369
 MASS SPECTROSCOPIC OBSERVATION OF IGNITION PHENOMENA IN A SMALL ROCKET COMBUSTION CHAMBER AFOSR68-0229
 THE REACTION OF HYDRAZINE AND CHLORINE PENTAFLOURIDE IN A LABORATORY ROCKET COMBUSTOR AFOSR68-1294
 DESIGN DEVELOPMENT AND FLIGHT TEST OF THE VIPER DART ROBIN METEOROLOGICAL ROCKET SYSTEM FINAL REPORT JUNE 1968 AFCL68-0418

ROCKET-BORNE
 ROCKET-BORNE INSTRUMENTATION TO DETERMINE AIR DENSITY BY RAYLEIGH-SCATTERED LIGHT AFCL68-0065
 A SOLID STATE PHOTOMETER SUITABLE FOR ROCKET-BORNE IONOSPHERIC DIFFERENTIAL ABSORPTION MEASUREMENTS AFCL67-0373

ROCKETS
 TELEMETRY COMMAND AND RECON ANTENNAS FOR VARIOUS AIR FORCE ROCKETS PROBES AND SATELLITES FINAL REPORT JAN 1967 AFCL67-0110
 THE DEVELOPMENT OF DESIGN TECHNIQUES FOR SINGLE-STAGE SOUNDING ROCKETS FINAL REPORT MAR 1967 AFCL67-0233
 (U) SOUND PRESSURE LEVELS AND SPECTRA FROM FIRING A CLASS OF SOVIET ROCKETS AFCL68-0487

ROCKETSONDE
 RADIATION BALANCE IN ROCKETSONDE THERMOMETERS FINAL REPORT FEB 1968 AFCL68-0410

ROCKETSONDES
 BALLUTE DEVELOPMENT FOR LOKI-DART AND ARCAS ROCKETSONDES FINAL REPORT NOV 1968 AFCL68-0622

ROCKS
 SPHERULES IN SEDIMENTARY ROCKS FINAL REPORT MAY 1967 AFCL67-0315
 USE OF ULTRASONIC INTERFEROMETRY TECHNIQUE FOR STUDYING ELASTIC PROPERTIES OF ROCKS AFOSR68-1814

ROCKSALT
 RECOVERY OF ROCKSALT STRUCTURE CDS TO ROOM PRESSURE ARL 67-0177

ROCKY
 CRUSTAL STUDY OF A CONTINENTAL STRIP FROM THE ATLANTIC OCEAN TO THE ROCKY MOUNTAINS AFOSR67-0316

ROCKS
 ROCK OBTAINED WITH TWO SIGNAL INTENSITIES PRESENTED IN RANDOM ORDER AND A COMPARISON BETWEEN YES-NO AND RATING ROCKS AFOSR68-2678

RODENTS
 ULTRASOUND IN RODENTS AFOSR68-1702
 ULTRASOUND IN ADULT RODENTS AFOSR67-2432

RODS
 THIN RODS AND SHELLS VIEWED AS COSSERA CONTINUA AFOSR68-1602
 WAVE PROPAGATION IN THIN RODS WITH QUIESCENT TEMPERATURE GRADIENTS AFOSR67-1022
 THERMAL CONDUCTIVITY MEASUREMENTS ON NYLON RODS AND NYLON- GREASE-COPPER BOUNDARIES ARL 68-0253
 SIMPLIFIED MOUNTING FOR QUADRUPOLE MASS FILTER RODS AFOSR68-0734
 SURFACE FIELDS OF LINEAR ANTENNAS IN FREE SPACE DIELECTRIC RODS AND MAGNETOIONIC MEDIA AFCL68-0574
 TIME EVOLUTION OF THE TOTAL DISTRIBUTION FUNCTION OF A ONE-DIMENSIONAL SYSTEM OF HARD RODS AFOSR68-2866

ROLE

| | |
|---|--------------|
| ROLE OF TWO THALAMIC NUCLEI IN INSTRUMENTAL CONDITIONING IN THE RAT (PREPENS) | AFOSR67-0112 |
| ROLE OF THE INTERNAL OPERATOR METHOD IN THE THEORY OF POTENTIAL SCATTERING | AFOSR67-1100 |
| ROLE STRUCTURE LEADERSHIP AND NEGOTIATION EFFECTIVENESS | AFOSR67-1071 |
| ROLE OF PERIPHERAL RECEPTORS IN THE INCREASED RELEASE OF VASOPRESSIN IN RESPONSE TO HEMORRHAGE | AFOSR68-0300 |
| ROLE OF VARIOUS BRAIN STRUCTURES ON PHYSIOLOGICAL FUNCTIONS FINAL REPORT DEC 1967 | AFOSR68-0304 |
| ROLE OF SINO AORTIC REFLEXES IN THE REGULATION OF EXPERIMENTAL RENAL HYPERTENSION DURING NATURAL SLEEP | AFOSR68-0043 |
| ROLE OF EXCITON DISPERSION AND EXCITON-MAGNON INTERACTIONS ON THE SHAPE OF MAGNON SIDEBANDS IN STRESSED MANGANESE | AFOSR68-1453 |
| ROLE OF BRAIN BOUNDARIES IN ELECTRICAL POLARIZATION MEASUREMENTS | ARL 67-1187 |
| THE ROLE OF DISTINCTIVE FEATURES IN CHILDRENS ACQUISITION OF PHONOLOGY | AFOSR68-0204 |
| THE ROLE OF IMPERFECT CHEMISTRY IN THE CHARACTERIZATION OF MATERIALS | AFOSR67-1091 |
| THE ROLE OF LYING IN PSYCHOPHYSIOLOGICAL DETECTION | AFOSR67-1321 |
| THE ROLE OF THE THALAMUS MEDIAN IN THE ESTABLISHMENT AND THE RETENTION OF CONDITIONED DEFENSES CLASSICAL AND | AFOSR67-2114 |
| THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT JULY 1967 | AFOSR67-2735 |
| THE ROLE AND CAREER DEVELOPMENT OF THE SCIENTIFIC AND ENGINEERING OFFICER IN THE AIR FORCE | AFOSR68-0494 |
| THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT SEPT 1968 | AFOSR68-2087 |
| THE ROLE OF LITERATURE, THEORY AND PREDICTIONS IN CHEMISTRY | ARL 68-1011 |
| THE ROLE OF APPARATUS AND EQUIPMENT IN CHEMISTRY | ARL 68-1012 |
| THE ROLE OF ENGLISH, LANGUAGES AND SYMBOLS IN CHEMISTRY | ARL 68-1013 |
| THE ROLE OF LOGIC AND MATHEMATICS IN CHEMISTRY | ARL 68-1014 |
| THE ROLE OF DIFFUSION IN FORMING OXIDE SCALES | ARL 68-1100 |
| THE ROLE OF ELECTROFLUIDODYNAMICS IN THE FIELD OF DIRECT ENERGY CONVERSION | ARL 68-1300 |
| FUNCTIONAL ROLE OF THE MISO-MEOSTRIAL DOPAMINE NEURONS | AFOSR67-0000 |
| ON THE POSSIBLE ROLE OF DISLOCATIONS IN GENERATING ORDERED AND DISORDERED SHEAR STRUCTURES | AFOSR67-2710 |
| DEFECTS AND THEIR ROLE IN DETERMINING BULK PROPERTIES OF CRYSTALS FINAL REPORT MAY 1968 | AFOSR68-0906 |
| INVESTIGATIONS ON THE ROLE OF ELECTRON CARRIERS IN PHOTOSYNTHESIS IN CELL-FREE SYSTEMS FINAL REPORT MAY 1967 | AFOSR67-0442 |
| TOWARD UNDERSTANDING THE ROLE OF TASKS IN BEHAVIORAL RESEARCH | AFOSR68-1670 |
| THE CHEMISTRY OF CARBANIONS XII THE ROLE OF COPPER IN THE CONJUGATE ADDITION OF ORGANOMETALLIC REAGENTS | AFOSR67-1432 |
| FORMATION OF CAVITIES AND MICROJETS IN LIQUIDS AND THEIR ROLE IN INITIATION AND GROWTH OF EXPLOSION | AFOSR67-2030 |
| ROLES | |
| COMPARISON OF THE ROLES OF THE SUBTHALAMUS AND OF VARIOUS MULO-MESENCEPHALIC STRUCTURES IN THE MAINTENANCE OF | AFOSR67-0101 |
| EDUCATION FOR POLICY ROLES AN ANALYSIS OF LECTURES AND READING MATERIALS AT SELECTED WAR COLLEGES | AFOSR68-0903 |
| ROLES--NOT | |
| ROLES--NOT RULES--FOR THE POW | AFOSR68-1400 |
| ROLL | |
| BLUNT CONE ROLL DAMPING DERIVATIVE | ARL 68-0314 |
| HYPERSONIC ROLL DAMPING DERIVATIVE OF A BLUNT CONE | ARL 68-1400 |
| THE HYPERSONIC ROLL DAMPING DERIVATIVE OF A BLUNT CONE FINAL REPORT JULY 1968 | ARL 68-0137 |
| ROLLED | |
| TEXTURING IN COLD ROLLED METALS | ARL 68-1104 |
| ROLLING | |
| VORTEX INDUCED ROLLING MOMENTS ON FINNED MISSILES AT HIGH ANGLE OF ATTACK | AFOSR68-0869 |
| ROOM | |
| RECOVERY OF ROCKSALT STRUCTURE EOS TO ROOM PRESSURE | ARL 67-0177 |
| ROOT | |
| SEMI-ANALYTIC APPROACH TO ROOT LOCUS | AFOSR67-0463 |
| A METHOD FOR THE COMPUTATION OF THE GREATEST ROOT OF A NONNEGATIVE MATRIX | AFOSR67-0004 |
| ROOTS | |
| ROOTS OF THE ONE-SIDED N-SHIFT | AFOSR68-1140 |
| ROSSBY | |
| DIAGNOSTIC STUDIES OF WEATHER SYSTEMS OF LOW AND HIGH LATITUDES /ROSSBY NUMBER 1/ FINAL REPORT APRIL 1967 | AFOSR67-0100 |
| ROSSBY-MODE | |
| THERMALLY DRIVEN ROSSBY-MODE DYNAMO FOR SOLAR MAGNETIC-FIELD REVERSALS | AFOSR68-0204 |
| THERMALLY DRIVEN ROSSBY-MODE HYDROMAGNETIC DYNAMOS | AFOSR68-0501 |
| ROTARY-VANE | |
| REFLECTIONS FROM ROTARY-VANE PRECISION ATTENUATORS | AFOSR67-1004 |
| ROTATING | |
| ROTATING FLUID MASSES | AFOSR67-2470 |
| ROTATING CRYSTAL SPECTROMETERS WITH AND WITHOUT AN AUXILIARY DEVICE FOR SUPPRESSION OF UNWANTED REFLECTIONS | AFOSR67-2607 |
| ROTATING SAMPLE HOLDER FOR X-BAND ULTRASONICS | AFOSR68-0001 |
| RAPIDLY ROTATING STARS II MASSIVE WHITE DWARFS | AFOSR68-1032 |
| RAPIDLY ROTATING STARS I THE SELF-CONSISTENT-FIELD METHOD | AFOSR68-1033 |
| RAPIDLY ROTATING STARS III MASSIVE MAIN-SEQUENCE STARS | AFOSR68-2000 |
| THE THEORY OF ROTATING FLUIDS | AFOSR68-2001 |
| LINEAR THEORY OF ROTATING STRATIFIED FLUID MOTIONS | AFOSR67-0121 |
| QUANTIZED VORTEX RINGS IN ROTATING HELIUM II | AFOSR67-1010 |
| THE PROBLEM OF A CYLINDER ROTATING IN A BAREFIELD GAS | AFOSR67-1910 |
| DISTRIBUTION OF VORTICES IN ROTATING HELIUM II | AFOSR68-1200 |
| NUCLEAR SPIN RELAXATION IN A ROTATING TILTED REFERENCE FRAME | AFOSR67-1043 |
| SUPERFLUID FLOW TRANSITIONS IN ROTATING NARROW ANNULI | AFOSR68-1317 |
| GENERALIZED TRANSFORMATION TO A ROTATING COORDINATE SYSTEM IN QUANTUM MECHANICS | AFOSR67-1946 |
| LOW-LYING SUPERFLUID STATES IN A ROTATING ANNULUS | AFOSR67-0017 |
| PULSED NUCLEAR MAGNETIC RESONANCE IN ROTATING SOLIDS | AFOSR67-1416 |
| ON THE OSCILLATIONS AND STABILITY OF ROTATING STELLAR MODELS I MATHEMATICAL TECHNIQUES | AFOSR68-2006 |
| THRESHOLD FOR SUPERFLUID VORTEX LINES IN A ROTATING ANNULUS | AFOSR67-2009 |
| RESEARCHES ON RAREFIED GASDYNAMICS HYPERSONIC FLOW ROTATING STALL FINAL REPORT JULY 1968 | AFOSR68-2192 |
| EFFECTS OF PRESSURE ON THE TRANSPORT OF IONS THROUGH ROTATING HELIUM II | AFOSR67-1730 |
| EQUILIBRIUM DISTRIBUTION OF RECTILINEAR VORTICES IN A ROTATING CONTAINER | AFOSR67-0070 |
| A UNIFIED LINEAR THEORY OF HOMOGENEOUS AND STRATIFIED ROTATING FLUIDS | AFOSR68-0300 |
| INTERACTION OF QUANTIZED VORTEX RINGS WITH QUANTIZED VORTEX LINES IN ROTATING HE II | AFOSR68-0527 |
| ON THE STEADY MOTIONS PRODUCED BY A STABLE STRATIFICATION IN A RAPIDLY ROTATING FLUID | AFOSR68-0370 |

NOTATION

| | |
|--|--------------|
| ROTATION AND HEATING OF THE PLANET MERCURY | AFOSR68-1124 |
| RADIO ROTATION PERIOD OF JUPITER | AFOSR67-0211 |
| PARADAY ROTATION OF THE Z SUB 1 CENTER IN KCL | AFOSR68-1471 |
| PARADAY ROTATION STUDIES IN MG-O AND CA-U COLOUR CENTRES | AFOSR68-1706 |
| MICROWAVE ROTATION SPECTRA OF ETHYL ACETYLPHNE AND ETHYL ISOCYANIDE | AFOSR67-0689 |
| RESTRICTED ROTATION AROUND PHOSPHORUS-NITROGEN BONDS | AFOSR68-2300 |
| THE INFLUENCE OF ROTATION ON FLOW IN A LONG RECTANGULAR CHANNEL - AN EXPERIMENTAL STUDY | AFOSR67-2050 |
| PLASMA WAVES AND ROTATION IN THE GAS-FED HOLLOW-CATHODE ARC | AFOSR68-1784 |
| MEASUREMENTS OF PLASMA ROTATION IN A HOLLOW CATHODE DISCHARGE | ARL 67-1302 |
| INVESTIGATION OF PLASMA ROTATION IN A PULSED INDUCTIVE ACCELERATOR | ARL 67-1301 |
| AUDITORY DIRECTION AND HEAD ROTATION | AFOSR68-0846 |
| ELECTRIC-FIELD-INDUCED OPTICAL ROTATION IN CHOLESTERIC LIQUID CRYSTALS | AFOSR67-1919 |
| HELICONS MAGNETOPLASMA EDGE AND PARADAY ROTATION IN SOLID STATE PLASMAS AT MICROWAVE FREQUENCIES | AFOSR68-2070 |
| REPRESENTATION OF THE THREE-DIMENSIONAL ROTATION GROUP IN TERMS OF DIRECTION AND ANGLE OF ROTATION. | AFOSR67-1869 |
| RAMO PARAMETERS DETERMINATION FROM PARADAY ROTATION MEASUREMENTS | ARL 68-0224 |
| INFRARED LASER COUPLED RESONATOR AND PARADAY ROTATION TECHNIQUES FOR EXPERIMENTAL IONIZED GAS DIAGNOSTICS | ARL 67-0284 |
| EXTREMAL PROBLEMS FOR FUNCTIONS OF BOUNDED BOUNDARY ROTATION | AFOSR67-0526 |
| METHOD OF DETECTING SMALL ANGLES OF MICROWAVE PARADAY ROTATION | AFOSR68-0062 |
| HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE X-BAND PARADAY ROTATION OF WATER ADSORBED ON MEMOGLOBIN | AFOSR67-2051 |
| MICROWAVE SPECTRUM CONFORMATION DIPOLE MOMENT AND BARRIER TO INTERNAL ROTATION IN METHYL VINYL ETHER | AFOSR68-1758 |
| ON THE FOURTH COEFFICIENT OF UNIVALENT FUNCTIONS WITH BOUNDED BOUNDARY ROTATION | AFOSR68-2414 |
| CHEMICAL SHIFT NONEQUIVALENCE OF DIASTEREOTOPIC PROTONS DUE TO RESTRICTED ROTATION AROUND ARYL--NITROGEN BONDS IN | AFOSR67-2483 |
| THE PRINCIPLE OF EXCHANGE OF STABILITIES II THE ONSET OF CONVECTION IN THE PRESENCE OF ROTATION | AFOSR67-2554 |
| REPRESENTATION OF THE THREE-DIMENSIONAL ROTATION GROUP IN TERMS OF DIRECTION AND ANGLE OF ROTATION. | ARL 68-0224 |
| ROTATION-RATE | |
| SINGLE-BRAN-LASER ROTATION-RATE SENSOR | AFOSR67-1791 |
| ROTATION-TRANSLATION | |
| THE ROTATION-TRANSLATION-COUPLING EFFECT IN NOBLE-GAS CRYSTALS CONTAINING MOLECULAR IMPURITIES | AFOSR67-0841 |
| ROTATIONAL | |
| ROTATIONAL TEMPERATURE MEASUREMENT OF THE PLASMA EXPANDING FROM A LOW DENSITY SONIC ORIFICE | AFOSR67-0335 |
| ON THE ROTATIONAL TEMPERATURE OF A SUNSPOT | AFOSR67-1184 |
| ORIGIN OF ROTATIONAL BARRIERS II METHYLAMINE AND IMPROVED WAVEFUNCTIONS FOR HYDROGEN PEROXIDE | AFOSR67-2466 |
| KILLIPER-WAVE ROTATIONAL STARK SPECTRA OF HNCN DNCN AND HNSUB3 DIPOLE-MOMENT CHANGES WITH K | AFOSR67-0799 |
| ON THE DETERMINATION OF ROTATIONAL CONSTANTS | AFOSR68-1575 |
| SOME NUMERICAL SOLUTIONS OF THE ROTATIONAL EULER EQUATIONS | AFOSR68-0847 |
| ROTATIONAL-VELOCITY | |
| MEASUREMENT OF ROTATIONAL-VELOCITY AND ION-DENSITY PROFILES IN PLASMA VORTICES | AFOSR67-0991 |
| ROTATIONALLY | |
| AN ITERATIVE SOLUTION FOR ROTATIONALLY SYMMETRIC NON-LINEAR MEMBRANE PROBLEMS | AFOSR67-2057 |
| A USERS MANUAL FOR A COMPUTER PROGRAM TO REDUCE SPECTROGRAPHIC DATA FROM A ROTATIONALLY SYMMETRIC PLASMA, FINAL REPORT | ARL 68-0003 |
| ROTATORY | |
| OPTICAL PURITY AND OPTICAL ROTATORY POWER OF DEHYDRONORCAMPHOR | AFOSR68-2234 |
| ABSOLUTE CONFIGURATION AND OPTICAL ROTATORY DISPERSION OF METHYL ALKYL SULFOXIDES | AFOSR68-1720 |
| THE CALCULATION OF PARAMETERS OF THE MOFFITT EQUATION FOR ROTATORY DISPERSION DATA | AFOSR67-0936 |
| CONFIGURATIONAL CORRELATION OF PHOSPHINATES BY NUCLEAR MAGNETIC RESONANCE AND OPTICAL ROTATORY DISPERSION | AFOSR67-2413 |
| ROTHBALLER | |
| DISCUSSION OF AGGRESSION DEFENSE AND NEUROHUMORS - PAPER BY ALAN R ROTHBALLER PROCEEDINGS OF THE FIFTH CONFERENCE ON | AFOSR68-1877 |
| ROTOR | |
| ROTOR PERFORMANCE OF THE R32-11 BLUNT TRAILING EDGE BLADE SUPERSONIC COMPRESSOR | ARL 68-0020 |
| EXPERIMENTALLY DETERMINED SHOCK CONFIGURATIONS IN A HIGH- SOLIDITY SUPERSONIC ROTOR | ARL 68-1227 |
| ROTORS | |
| EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE SUPERSONIC COMPRESSOR ROTORS OF DIFFERENT BLADE THICKNESSES AND | ARL 68-1228 |
| ROUGH | |
| APPROXIMATE HOUGH SLIP VECTOR DIRECTION DETERMINATION FOR IBERIAN NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE FROM | AFOSR68-1434 |
| AN EXPERIMENTAL STUDY OF TURBULENT BOUNDARY LAYER ON ROUGH WALLS | AFOSR67-0420 |
| ROUGHNESS | |
| EFFECT OF SURFACE ROUGHNESS ON AXISYMMETRIC LAMINAR SEPARATED FLOWS AT M EQUALS 5.4 | AFOSR68-2588 |
| BOUNDARY-LAYER TRANSITION ON BLUNT BODIES-EFFECT OF ROUGHNESS | AFOSR68-0092 |
| WIND TUNNEL TESTS OF SIMULATED SPHERICAL HAILSTONES WITH VARIABLE ROUGHNESS | AFOSR67-1910 |
| BOUNDARY LAYER TRANSITION ON CONES AND SPHERES AT SUPERSONIC SPEEDS-EFFECTS OF ROUGHNESS AND COOLING | AFOSR67-2048 |
| ROULETTE | |
| A SIMPLER PROOF OF SMITHS ROULETTE THEOREM | AFOSR68-1933 |
| ROUND | |
| WIND ROUND PIPE FLOW EXPERIMENTS, FINAL REPORT, DEC 1967 | ARL 67-0236 |
| ROUND-OFF | |
| ROUND-OFF ERROR OF FLOATING-POINT DIGITAL FILTERS | AFOSR68-2113 |
| ROUTE | |
| A NEW ROUTE TO THE PREPARATION AND CONFIGURATIONAL CORRELATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES | AFOSR67-2379 |
| PRELIMINARY COMMUNICATION GENERATION OF FLUOROCARBONCARBENE BY THE MERCURIAL ROUTE | AFOSR68-0322 |
| MALODIETHYLENICAL COMPOUNDS XVII THE MECHANISM OF DICHLOROCARBENE INSERTION INTO THE SI-H BOND BY THE MERCURIAL ROUTE | AFOSR68-1884 |
| ROUTES | |
| NEW ROUTES TO FLUOROCARBON NICKEL COMPLEXES | AFOSR68-2141 |

ROUTINE
A BROAD-RANGE MAGNETIC SPECTROGRAPH SYSTEM FOR ROUTINE ANGULAR DISTRIBUTION DETERMINATIONS
APR 1967- 04 00

RUBBER
THERMODYNAMICS OF POLYMER SOLUTIONS PART I. NATURAL RUBBER AND BENZENE
APR 1966- 03 00

RUBIDIUM
LIFETIME OF THE FIRST EXCITED ATOMIC STATES OF RUBIDIUM BY ATOM
APR 1966- 01 00
TEMPERATURE DEPENDENCE OF THE ELASTIC CONSTANTS OF RUBIDIUM
APR 1967- 01 00
MAGNETIC FIELD-DEPENDENT ELASTIC EFFECTS IN THE CUBIC ANTIFERROMAGNET / RUBIDIUM MANGANESE THIOFLUORIDE /
APR 1967- 01 00

RURIES
RURIES FOR TEMPERATURE STANDARDS FINAL REPORT NOV 1967
0001 01-0000

RURIUM
MERCURIAL-INDUCED DISSOCIATION OF PHYCERYTHRIN FROM CERIUM RURIUM
APR 1967- 01 00

RUBY
LOSSES IN RUBY LASERS THE SPHERICAL-MIRROR FABRY-PEROT INTERFEROMETER FINAL REPORT DEC 1967
APR 1967- 01 00
OPTICAL INTERACTIONS IN RUBY LASERS FINAL REPORT FEB 1967
APR 1967- 01 00
TRANSIENT INTERFERENCE STUDIES OF PASSIVELY Q-SWITCHED RUBY LASER EMISSION
APR 1967- 01 00
TEMPORAL COHERENCE AND FREQUENCY VS TIME CHARACTERISTICS OF A Q-SWITCHED RUBY LASER
APR 1967- 01 00

RULE
RULE LEARNING AND RULE INTERFERENCE IN FIRGRAM ENCODING
APR 1967- 01 00
A SIMPLE RULE FOR CHECKING THE VALIDITY OF CERTAIN DETECTION FORMULAS
APR 1967- 01 00
EXACT SUM RULE FOR NUCLEON MAGNETIC MOMENTS
APR 1967- 01 00
A PHENOMENOLOGICAL RULE TESTER
APR 1967- 01 00
RULE LEARNING AND RULE INTERFERENCE IN FIRGRAM ENCODING
APR 1967- 01 00
CHARGE SUPERSELECTION RULE
APR 1967- 01 00
FATIGUE-LIFE AND MINERS RULE
APR 1967- 01 00
DRELL-HEARN-GERASIMOV SUM RULE EXAMPLES AND COUNTEREXAMPLES
APR 1967- 01 00
INTERPRETATION OF URACHS RULE
APR 1967- 01 00
SATURATION PROBLEM OF A SUM RULE OF SCALAR AND PSEUDOSCALAR SPECTRAL FUNCTIONS
APR 1967- 01 00
DEVIATIONS FROM THE MATTHIESSEN RULE
APR 1967- 01 00
BACKWARD COMPTON SCATTERING SUM RULE AND THE PI-ZERO YIELDS TWO GAMMA PHOTONS AND TWO GAMMA PHOTONS
APR 1967- 01 00
EFFECTIVE DELTA I EQUALS ONE HALF RULE IN THE THREE-PI-0 DECAYS OF KAMMS
APR 1967- 01 00
FORWARD COMPTON SCATTERING AT HIGH ENERGY AND THE DRELL-HEARN-GERASIMOV SUM RULE
APR 1967- 01 00

RULES
SUM RULES KRAMERS-KRONIG RELATIONS AND TRANSPORT COEFFICIENTS IN CHARGED SYSTEMS
APR 1967- 01 00
SELECTION RULES AND THE DECOMPOSITION OF THE KRONECKER SQUARE OF (SU) MULTIPL. REPRESENTATIONS
APR 1967- 01 00
FURINI SUM RULES FOR VERTEX FUNCTIONS
APR 1967- 01 00
WEINBERG SUM RULES AND SCALAR MESONS
APR 1967- 01 00
ON THE COMMUTATION RULES BETWEEN AXIAL CHARGES AND AXIAL DIVERGENCES
APR 1967- 01 00
SUPERCONVERGENCE SUM RULES IN NUCLEON-NUCLEON SCATTERING
APR 1967- 01 00
UFS OF AND SUPERCONVERGENT SUM RULES FOR MESON-BARYON SCATTERING
APR 1967- 01 00
CONDITIONS FOR THE VALIDITY OF SUM RULES
APR 1967- 01 00
SPECULATIONS ON PARTICLES SUPERSELECTION RULES AND COMPOSITES
APR 1967- 01 00
SOME REMARKS ON FORWARD AND PI SCATTERING SUM RULES
APR 1967- 01 00
ON SOME MULTIPLE DECISION /SELECTION AND RANKING/ RULES
APR 1967- 01 00
SOME CONSEQUENCES OF THE SATURATION OF COVARIANT SUM RULES DERIVED FROM SU(2) CHARGE-COMMUTATION RELATIONS
APR 1967- 01 00
LOW-ENERGY THEOREMS DISPERSION RELATIONS AND SUPERCONVERGENCE SUM RULES FOR COMPTON SCATTERING
APR 1967- 01 00
A COMPUTER PROGRAM FOR DISCOVERING AND PROVING SEQUENTIAL RECOGNITION RULES FOR WELL-DEFINED MODELS DEFINED BY A
APR 1967- 01 00

RULES--FOR
RULES--NOT RULES--FOR THE POW
APR 1967- 01 00

RUNWAY
A COMPUTER-LINKED RUNWAY FOR REAL TIME OPERATION
APR 1967- 01 00

RUPTURE
INTRAMOLECULAR ISOMERIZATION OF OCTAHEDRAL COMPLEXES IN MECHANISM NOT INVOLVING GEMINAL RUPTURE
APR 1967- 01 00

RUTHENIUM
SPECTROSCOPIC STUDIES OF RUTHENIUM (II) COMPLEXES. ASSIGNMENT OF THE LUMINESCENCE
APR 1967- 01 00
REASSIGNMENT OF THE LUMINESCENCE FROM RUTHENIUM (II) COMPLEXES
APR 1967- 01 00
ON THE MULTIPLICITY OF THE EMITTING STATE OF RUTHENIUM (II) COMPLEXES
APR 1967- 01 00
CHEMISTRY OF THE METAL CARBYNOLS PART II. CARBYNYLATION OF RUTHENIUM TRICHLORIDE
APR 1967- 01 00
THE LOW TEMPERATURE OXIDATION OF AMMONIA OVER A SUPPORTED RUTHENIUM CATALYST
APR 1967- 01 00
LIGAND-FIELD TRANSITIONS IN TERTIARY PHOSPHINE AND ARSINE COMPLEXES OF RUTHENIUM (II) AND OSMIUM (II)
APR 1967- 01 00

RUTILE
ELECTRICAL CONDUCTIVITY TRANSIENTS IN RUTILE
APR 1967- 01 00
RELATING THE LOW TEMPERATURE CONDUCTIVITY OF RUTILE TO ITS LATTICE STRUCTURE
APR 1967- 01 00
STUDIES OF THE DEFECT STRUCTURE OF NONSTOICHIOMETRIC RUTILE. I. TIGRAPHY
APR 1967- 01 00
TEMPERATURE VARIATION OF THE MOBILITY OF ELECTRONS IN RUTILE AT ELEVATED TEMPERATURES
APR 1967- 01 00
RESEARCH ON DEFECT CONTROLLED ELECTRICAL PROPERTIES OF RUTILE. FINAL REPORT APRIL 1968
APR 1967- 01 00
NATURE OF THE ELECTRICAL CONDUCTION TRANSIENTS OBSERVED IN RUTILE
APR 1967- 01 00
THE NATURE OF THE ELECTRICAL CONDUCTION TRANSIENT BEHAVIOR OF RUTILE
APR 1967- 01 00
ELECTROCHEMICAL STUDY OF THE THERMODYNAMIC PROPERTIES OF NON-STOICHIOMETRIC RUTILE
APR 1967- 01 00
ELECTROCHEMICAL STUDY OF THE THERMODYNAMIC PROPERTIES OF NON-STOICHIOMETRIC RUTILE
APR 1967- 01 00
AN INVESTIGATION OF THE LOW TEMPERATURE TIME DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF RUTILE
APR 1967- 01 00

RYDBERG
STUDY OF THE RYDBERG STATES OF H2
APR 1967- 01 00
PSEUDOPOTENTIAL THEORY OF ATOMIC AND MOLECULAR RYDBERG STATES
APR 1967- 01 00
USE OF MODEL POTENTIALS IN THE STUDY OF MOLECULAR RYDBERG STATES
APR 1967- 01 00

RYTOV
VALIDITY OF THE RYTOV APPROXIMATION IN OPTICAL PROPAGATION CALCULATIONS
APR 1967- 01 00
GREENS FUNCTIONS OF THE RYTOV EQUATION
APR 1967- 01 00

SANGUINEA
PHYTO-CHEMICAL STUDY OF THE SPECIES DATURA SANGUINEA /HUANTUC/ /SPANISH/ AFOSR67-0843

SAPPHIRE
STRENGTHENING OF SAPPHIRE BY PRECIPITATES CONTAINING TITANIUM AFOSR67-1484
TRANSPARENCE NUMBERS IN PARTIALLY EQUILIBRATED SAPPHIRE ARL 67-1074

SARCOTUBULAR
DENSITY GRADIENT SEPARATION OF SARCOTUBULAR VESICLES AND OTHER PARTICULATE CONSTITUENTS OF RABBIT MUSCLE AFOSR68-1683

SARTORIUS
ACTIVATION HEAT IN FROG SARTORIUS MUSCLE AFOSR68-1686

SATELLITE
SATELLITE DATA REDUCTION PROCESSOR SYSTEM AFCL67-0561
SATELLITE SCINTILLATION AT HIGH LATITUDES AND ITS POSSIBLE RELATION TO PRECIPITATION OF SOFT PARTICLES AFCL68-0285
SATELLITE INSTRUMENTATION PROCESSOR SYSTEM FINAL REPORT MAY 1969 AFCL68-0294
SATELLITE STUDIES IN LOW ALTITUDES FINAL REPORT JUNE 1968 AFCL68-0491
SATELLITE MOTION FOR ALL INCLINATIONS AROUND AN IDEAL PLANET AFOSR67-0783
ROCKET AND SATELLITE TECHNIQUES FOR MEASUREMENT OF ELECTRON DENSITY AND RELATED IONOSPHERIC PARAMETERS FINAL REPORT AFCL68-0010
COMPARISON OF SATELLITE ORBIT AND ANOMALY FIELDS AFCL67-0191
REPORT OF JOINT SATELLITE STUDIES GROUP ANNUAL MEETING HELD APRIL 1968 FINAL REPORT APR 1968 AFCL68-0260
EQUATORIAL RESEARCH SATELLITE MARK III OVS-1 (PRS 27) FINAL REPORT APR 1968 AFCL68-0265
TRAIL OF AN IONOSPHERIC SATELLITE I AFOSR68-2127
THE TRAIL OF AN IONOSPHERIC SATELLITE II AFOSR67-1937
THRESHOLD DETECTION OF GEODETIC SATELLITE IMAGES AFCL67-0034
A METHOD FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA AFCL68-0195
APPROXIMATE ANALYTICAL SOLUTION FOR SATELLITE ORBITS SUBJECTED TO SMALL THRU DRAG AFOSR67-2268
GEOPHYSICAL CONSTANT DETERMINATION FROM SATELLITE OBSERVATIONS FINAL REPORT JUN 1967 AFCL67-0426
OBSERVATION SYSTEM BIAS ESTIMATION FROM SATELLITE OBSERVATIONS FINAL REPORT AUG 1967 AFCL67-0439
LOW-ENERGY AURORAL ELECTRONS MEASURED BY SATELLITE OVS-1 AFCL68-0399
INFERENCES OF DYNAMICAL MOTIONS OF THE UKS SATELLITE VIA OPTICAL TECHNIQUES ARL 68-1088
COMPARISON OF TWO METHODS FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA AFCL68-0366
SCINTILLATION STUDIES USING THE EARLY MIRD SYNCHRONOUS SATELLITE 136-MHZ SIGNAL AFCL67-0555
TESTS OF A METHOD FOR MAKING GEODETIC TIES BY OBSERVING A SATELLITE OPTICAL BEACON AFCL67-0074
TELEMETRY AND COMMAND ANTENNAS FOR THE ATMOSPHERIC COMPOSITION SATELLITE AFCL67-0072
MEASUREMENT OF PRIMARY AND ALBEDO COSMIC RAYS ON A POLAR ORBITING SATELLITE AFOSR67-2526
REFRESHMENT TEST INTEGRATION AND FIELD SUPPORT OF SCIENTIFIC INSTRUMENTS FOR THE OVI-13 SATELLITE FINAL REPORT JUN AFCL68-0266

SATELLITES
IONOSPHERIC RESEARCH USING SATELLITES AFCL67-0284
IONOSPHERIC RESEARCH USING SATELLITES AFCL67-0355
IONOSPHERIC RESEARCH USING SATELLITES AFCL67-0689
IONOSPHERIC RESEARCH USING SATELLITES AFCL68-0314
IONOSPHERIC RESEARCH USING SATELLITES AFCL68-0424
IONOSPHERIC RESEARCHES USING SATELLITES AFCL67-0337
IONOSPHERIC RESEARCHES USING SATELLITES FINAL REPORT APR 1968 AFCL68-0646
SPIN PROPULSION OF LARGE FLEXIBLE SATELLITES BY THE SOLAR RADIATION FIELD ARL 68-1097
ORBIT PERTURBATIONS OF ARTIFICIAL EARTH SATELLITES AS FUNCTIONS OF GRAVITY ANOMALIES AND DIFFERENTIAL CORRECTIONS OF ORBS-STUDY OF THE OPTICAL PROPERTIES OF ORBITING SATELLITES ARL 67-1060
7/7 ATMOSPHERIC DENSITY FROM DRAG ON LOW ALTITUDE SATELLITES REPORT 2 AFCL68-0608
STUDIES OF THE EQUATORIAL IONOSPHERE USING TRANSMISSIONS FROM ACTIVE SATELLITES FINAL REPORT SEPT 1967 AFCL68-0020
TELEMETRY COMMAND AND BEACON ANTENNAS FOR VARIOUS AIR FORCE ROCKETS PROBES AND SATELLITES FINAL REPORT JAN 1967 AFCL67-0110
ANISOTROPIC PROPAGATION OF SOLAR PROTONS DEDUCED FROM SIMULTANEOUS OBSERVATIONS BY EARTH SATELLITES AND THE MARINER AFOSR67-1212

SATISFACTORY
WHAT MUST A SATISFACTORY THEORY OF HYPNOSIS EXPLAIN AFOSR67-1852

SATURABLE
WAVE INTERACTIONS IN SATURABLE ABSORBERS AFOSR68-0094

SATURATED
SATURATED SEQUENTIAL FACTORIAL DESIGNS ARL 68-0310
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXVII CARBANIONS AS INTERMEDIATES IN THE BASE-CATALYZED ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXIX RELATIONSHIPS BETWEEN POSITION OF PROTONATION OF ALLYLIC ANIONS AFOSR67-0360
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXIX BEHAVIOR OF PHENYLLALLYLIC ANIONS AND THEIR CONJUGATED ACIDS AFOSR67-0429
SUBSTITUTED EFFECTS ON FLUORINE-19 CHEMICAL SHIFTS IN SATURATED SYSTEMS AFOSR67-0447
SELF CONSISTENT OPW BAND CALCULATIONS WITH SPECIAL COMMENTS ON SATURATED EARTH PLUGS AFOSR68-1591
ARL 68-1456

SATURATION
SATURATION PROBLEM OF A SUM RULE OF SCALAR AND PSEUDOSCALAR SPECTRAL FUNCTIONS AFOSR67-1617
CURRENT SATURATION AND TRAP-CONTROLLED ELECTRON DRIFT MOBILITY IN PHOTOCONDUCTIVE CDS AFCL67-0561
CURRENT SATURATION AND ORIGIN OF CONDUCTANCE OF JUNCTION-GATE FIELD-EFFECT TRANSISTORS AFOSR67-1629
MICROWAVE SATURATION OF DIELECTRIC-RESONANCE TRANSITIONS OF OH IONS IN KCL AFOSR67-0996
RESONANCE SATURATION OF AXIAL CHARGE COMMUTATORS SU/3/ SYMMETRY AND SCALAR RESONANCES AFOSR67-2241
APPROACH TO MAGNETIC SATURATION IN SINGLE CRYSTAL THULIUM AT 42 SUPER O K AND 140 KG AFOSR67-2747
CURRENT OSCILLATION AND SATURATION IN CDS ARL 68-1357
SOME CONSEQUENCES OF THE SATURATION OF COVARIANT SUM RULES DERIVED FROM QUARK CHARGE-COMMUTATION RELATIONS AFOSR68-1376
EXPERIMENTAL INVESTIGATION OF SATURATION EFFECTS IN FERRITE FREQUENCY DOUBLERS AFCL67-0164
FIELD DISTRIBUTION AND CURRENT SATURATION IN PHOTOCONDUCTIVE CDS AFCL68-0534
ACOUSTOELECTRIC OSCILLATIONS CURRENT SATURATION AND ELECTRON DRIFT MOBILITY IN CADMIUM SULPHIDE CRYSTALS AFCL67-0285
NONLINEAR PHONON INTERACTION IN PIEZOELECTRIC SEMICONDUCTORS AND EFFECT ON CURRENT SATURATION AFOSR68-1743

SAUNA
SPECIAL REVIEW PART I PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH AFOSR67-2267
SPECIAL REVIEW PART II PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH AFOSR67-2268

SAUNDERS
RELATIVITY AND COSMOLOGY W R SAUNDERS CO PHILADELPHIA 1968 AFOSR68-2194

SAVAGE
GENERALIZATION OF THEOREMS OF CHERNOFF AND SAVAGE ON THE ASYMPTOTIC NORMALITY OF TEST STATISTICS AFOSR68-1276

SCADS

SCADS A PROGRAMMING SYSTEM FOR THE SIMULATION OF COMBINED ANALOG DIGITAL SYSTEMS

AFOSR67-2818

SCALAR

ABSENCE OF SCALAR GOLDSTONE PIONS
THE ALGEBRA OF SCALAR AND VECTOR VERTEX STRENGTH IN REGGE RESIDUES
WEINBERG SUM RULES AND SCALAR MESONS
NULL AND NONNULL DATA FOR SCALAR FIELDS
SATURATION PROBLEM OF A SUM RULE OF SCALAR AND PSEUDOSCALAR SPECTRAL FUNCTIONS
DYNAMICAL REARRANGEMENT OF SYMMETRIES IN THE COMPLEX SCALAR FIELD
RESPONSE SATURATION OF AXIAL CHARGE COMMUTATORS SU(3) SYMMETRY AND SCALAR MESONS

AFOSR68-2748
AFOSR67-0274
AFOSR67-1630
AFOSR68-2730
AFOSR67-1617
AFOSR67-1613
AFOSR67-2241

SCALP

SCALP OF NEUTRON AND BARYON COUPLINGS AND UNIVERSALITY IN THE ALGEBRA OF FACTORIZED RESIDUES
SMALL SCALP VELOCITY STRUCTURE IN THE 10 - 60 KM REGION DEDUCED FROM PAIRED ROBIN SOUNDINGS
THE ON SCALP A COMPARATIVE SOCIO-PSYCHOLOGICAL MEASURE OF INDIVIDUAL MODERNITY
LARGE AND SMALL SCALE SENSITIVITY ANALYSIS OF OPTIMUM ESTIMATION ALGORITHMS
LIMITS ON SMALL SCALE VARIATIONS IN THE COSMIC BACKGROUND RADIATION
THE KINETICS OF EUSTATIC SCALE FORMATION ON IRON-NICKEL ALLOYS
RESULTS ON LOCATION AND SCALE PARAMETER ESTIMATION WITH APPLICATION TO THE EXTREME-VALUE DISTRIBUTION
CONDITIONAL LINEAR ESTIMATION OF THE SCALP PARAMETER OF THE EXTREME-VALUE DISTRIBUTION BY USE OF SELECTED ORDER
RESEARCH ON FLUID DYNAMICAL MODELS OF THE LARGE SCALE ATMOSPHERIC CIRCULATIONS FINAL REPORT APR 1967
SIMULTANEOUS LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE EXTREME-VALUE DISTRIBUTION USING SELECTED
CERTAIN GENERAL PROPERTIES OF UNBIASED ESTIMATES OF LOCATION AND SCALE PARAMETERS BASED ON ORDERED OBSERVATIONS
CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATORS, FROM SINGLY CENSORED SAMPLES, OF THE SCALE PARAMETERS OF TYPE II
ONE-ORDER-STATISTIC CONDITIONAL ESTIMATORS OF SHARP PARAMETERS OF LIMITED AND PARETO DISTRIBUTIONS AND SCALE
CRITICAL-FIELD MEASUREMENT OF SUPERCONDUCTING TUNGSTEN AS RELATED TO THE CERIUM-MAGNESIUM-NITRATE TEMPERATURE SCALE

AFOSR68-2738
AFCL67-0263
AFOSR67-2208
AFOSR68-2027
AFOSR68-2720
AFOSR67-2650
ARL 67-0023
ARL 67-1005
AFCL67-0166
ARL 67-1004
AFOSR68-1631
ARL 60-0088
ARL 68-0038
AFOSR68-1874

SCALFO

SCALFO AND CALCULATIONS ON THE HYDROGEN MOLECULE I THE TRIPLET EXCITED STATE
SCALFO AND CALCULATIONS ON THE HYDROGEN MOLECULE II
ON THE SIGNOIDAL LAW RELATING ASSOCIATION VALUE /ALPHA/ AND SCALED MEANINGFULNESS /N PRIME/

AFOSR68-2281
AFOSR68-2508
AFOSR68-0824

SCALES

THE ROLE OF DIFFUSION IN FORMING OXIDE SCALES
THE DIFFUSIONAL PROPERTIES OF OXYGEN IN NIOBIUM DIOXIDE CRYSTALS AND SCALES FORMED ON NIOBIUM

ARL 68-1160
AFOSR68-1148

SCALING

A SCALING TECHNIQUE FOR THE DESIGN OF IDEALIZED ELECTROMAGNETIC LENSES
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART I
EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART II

AFOSR68-1807
ARL 68-1346
ARL 68-1367

SCALP

VISUAL EVOKED POTENTIALS AS RECORDED FROM THE SCALP AND FROM THE VISUAL CORTX BEFORE AND AFTER SURGICAL REMOVAL OF

AFOSR67-1481

SCANDIUM

SCANDIUM TITANITE AND SCANDIUM VANADITE SCANDIUM TITANIUM OXIDE AND SCANDIUM VANADIUM OXIDE
CRYSTAL CHEMISTRY OF SODIUM SCANDIUM TITANATE AND ITS ISOMORPHS
BASIC RESEARCH ON THE SEPARATION OF SCANDIUM, YTTRIUM, AND THE RARE EARTHS BY SOLVENT EXTRACTION FINAL REPORT DECEMBER
SCANDIUM TITANITE AND SCANDIUM VANADITE SCANDIUM TITANIUM OXIDE AND SCANDIUM VANADIUM OXIDE
ELECTRONIC STRUCTURE AND GROUND STATE OF SCANDIUM MONOFLUORIDE
SCANDIUM TITANITE AND SCANDIUM VANADITE SCANDIUM TITANIUM OXIDE AND SCANDIUM VANADIUM OXIDE
PARAMAGNETIC-RESONANCE STUDY OF THE DYNAMIC JAHN-TELLER EFFECT IN CALCIUM FLUORIDE SCANDIUM TWO PLUS AND STRONTIUM
MAGNETIZATION MEASURE AT 4°K AND PRESSURE DEPENDENCE OF THE CURIE POINT OF THE PHASE TRI SCANDIUM - INDIMINIDE

AFOSR67-1628
AFOSR68-1476
ARL 68-0810
AFOSR67-1628
AFOSR67-1140
AFOSR67-1628
AFOSR67-1203
AFOSR68-0928

SCANDIUM-IRON

MAGNETIC ELECTRON SPIN RESONANCE OPTICAL AND STRUCTURAL STUDIES OF THE ISOMORPHOUS SERIES SODIUM SCANDIUM-IRON

AFOSR68-1477

SCANNED

ON THE USE OF EXPERIMENTAL AND COMPUTATIONAL TECHNIQUES IN ANALYZING THE PERFORMANCE OF SCANNED ARRAYS

AFCL68-0297

SCANNERS

DEGRADATION OF IMAGERY FROM OPTICAL-MECHANICAL SCANNERS MOISTURE CONDENSATION ON OPTICS

AFCL67-0398

SCANNING

SCANNING ELECTRON MICROSCOPY OF BIOLOGICAL MATERIAL
SCANNING ELECTRON MICROSCOPE INVESTIGATION OF PLANAR DIFFUSED PN JUNCTION PROFILES NEAR THE EDGE OF A DIFFUSION MASK
THE SCANNING ELECTRON MICROSCOPE
THERMAL SCANNING OF A FABRY-PEROT INTERFEROMETER
THE EFFECT OF SCANNING ON THE IMPEDANCES OF FINITE BROADSIDE COLLINEAR AND RECTANGULAR ARRAYS
AIRBORNE ELECTRONIC ULTRA-FAST SCANNING SPECTROMETER
CERTAIN SEMICONDUCTOR APPLICATIONS OF THE SCANNING ELECTRON MICROSCOPE

AFOSR67-0347
AFOSR68-1173
AFOSR68-1183
AFOSR68-2737
AFCL68-0317
AFCL67-0220
AFOSR67-0490

SCATTER

RADAR THOMSON SCATTER STUDIES OF PHOTOELECTRONS IN THE IONOSPHERE AND LANDAU DAMPING
NEUTRAL ATMOSPHERIC TEMPERATURES FROM INCOHERENT SCATTER OBSERVATIONS

AFOSR68-1007
AFOSR68-1052

SCATTERED

SCATTERED CONTEXT GRAMMARS
SPECTRUM OF LIGHT DOUBLY SCATTERED BY AN OPALESCENT FLUID
EMPIRICAL DETERMINATION OF SCATTERED LIGHT TRANSPORT THROUGH THE LOWER ATMOSPHERE
ANGULAR DISTRIBUTIONS OF FAST SCATTERED PARTICLES RESULTING FROM COLLISIONS OF 1 - TO 60 KEV NOBLE GASES WITH METAL
STUDY OF POLARIZATION OF ATMOSPHERIC SCATTERED LIGHT USING MONTE CARLO METHODS
ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE THEORETICAL STUDY FOR NORMAL INCIDENCE
ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE ADDITIONAL THEORETICAL STUDY FOR NORMAL INCIDENCE
RADIANCE AND POLARIZATION OF MULTIPLE SCATTERED LIGHT FROM HAZE AND CLOUDS
A MAXIMUM-SIGNAL THEOREM FOR THE SPATIALLY COHERENT DETECTION OF SCATTERED RADIATION
OPTICAL ANISOTROPY OF CHAIN MOLECULES THEORY OF DEPOLARIZATION OF SCATTERED LIGHT WITH APPLICATION TO TO N-ALKANES

AFCL68-0159
AFOSR68-1455
AFCL68-0284
AFOSR68-2100
AFCL68-0310
AFOSR68-1734
AFOSR68-1746
AFCL67-0570
AFOSR67-1040
AFOSR68-0260

SCATTERING

SCATTERING BY A SPHERICAL SHELL WITH A CIRCULAR APERTURE
SCATTERING AND REFLECTANCE OF LIGHT FROM AIRBORNE LASER SYSTEMS
SCATTERING FROM AN IMPEDANCE LOADED SLOTTED CYLINDER

AFCL68-0036
AFCL68-0479
AFCL68-0582

SCATTERING OF ELECTROMAGNETIC WAVES BY A SEMI-INFINITE METAL PLATE IN ANISOTROPIC PLASMA
 SCATTERING FROM COULOMB-LIKE POTENTIALS WITHOUT DIVERGENCE OR CUTOFFS I. FORMALISM GENERALIZED LIPPMANN-SCHWINGER
 SCATTERING OF MOLECULAR BEAMS OF DEUTERIUM AND HYDROGEN FROM THE $(111)/\sqrt{3}$ PLANE OF AN
 SCATTERING THEORY WITH TWO HILBERT SPACES
 SCATTERING OF ALPHA PARTICLES BY OXYGEN I. FORWARD ENERGY RANGE 5.0 TO 10.0 MEV
 SCATTERING OF ALPHA PARTICLES BY OXYGEN II. FORWARD ENERGY RANGE 10 TO 19 MEV
 SCATTERING FROM A SEPARABLE NON-LOCAL POTENTIAL
 SCATTERING AND PROPAGATION OF ELECTROMAGNETIC WAVES IN BOUNDED PARAMETRICALLY MODULATED MEDIA
 SCATTERING OF HELIUM NEON ARGON AND KRYPTON FROM THE $(111)/\sqrt{3}$ PLANE ON NICKEL COMPARISON WITH SILVER $(111)/\sqrt{3}$ GOLD $(111)/\sqrt{3}$
 THE SCATTERING OF ELECTROMAGNETIC WAVES BY A FINITE WEDGE
 DRAGG SCATTERING OF INFRARED RADIATION FROM COHERENT SPIN WAVES
 RAMAN SCATTERING BY COLOR CENTERS
 GLOBY SCATTERING OF LITHIUM BY A SERIES OF MOLECULES I. DIATONICS
 RAMAN SCATTERING BY COUPLED PLASMONS - LO PHONON MODES IN ZNS-TYPE CRYSTALS
 RANDOM SCATTERING OF QUASIMONOCROMATIC RADIATION IN A LONG TRANSMISSION LINE
 ON THE SCATTERING AND THE MODIFICATION OF SCATTERING OF WAVES FROM A LONG WIRE
 ELASTIC SCATTERING OF ALPHA-PARTICLES BY 24MG IN THE ENERGY RANGE 8 TO 19 MEV
 ELASTIC SCATTERING OF NEUTRONS FROM D AND AR AT FOURTEEN MEV
 SURFACE SCATTERING AND OTHER SURFACE PHENOMENA FINAL REPORT JULY 1968
 MULTIPLE SCATTERING OF LASER LIGHT IN THE ATMOSPHERE FINAL REPORT JULY 1968
 IMPURITY SCATTERING BY A CLASSICAL VORTEX
 RAYLEIGH SCATTERING BY REAL CHAIN MOLECULES
 ANOMALOUS SCATTERING BY MAGNETIC IMPURITIES IN SUPERCONDUCTORS
 RESONANCE SCATTERING IN IMPURE SUPERCONDUCTORS II - EFFECTS OF CORRELATION AND DEGENERACY
 RESONANCE SCATTERING AND THE DRIFT MOTION OF ELECTRONS THROUGH GASES
 A MULTIPLE SCATTERING PROBLEM
 GUIDING AND SCATTERING OF ELECTROMAGNETIC FIELDS BY CORRUGATED STRUCTURES
 ANALYSIS OF SCATTERING DATA FOR MIXTURES OF AMORPHOUS SOLIDS OR LIQUIDS
 ATOMIC-BEAM SCATTERING FROM EXHAUSTIVELY GROWN GOLD FILMS
 STUDY OF THE SCATTERING BEHAVIOR OF A SPHERE WITH AN ARBITRARILY PLACED CIRCUMFERENTIAL SLOT
 LOW FREQUENCY SCATTERING BY SPHEROIDS AND DISCS
 SLOW ELECTRON SCATTERING FROM ONE-DIMENSIONAL CRYSTAL MODELS
 EXPERIMENTS ON SCATTERING OF MONO-ENERGETIC ARGON BEAMS BY PLATED PLATINUM
 MOLECULAR BEAM SCATTERING FROM SOLID SURFACES
 THE PROBLEM OF SCATTERING BY MAGNETIC IMPURITIES IN METALS
 MOLECULAR-BEAM SCATTERING FROM THE $(111)/\sqrt{3}$ PLANE OF SILVER
 ELECTROMAGNETIC SCATTERING FROM ABSORBING SPHERES
 ELECTROMAGNETIC SCATTERING BY REGULAR POLYMERES FINAL REPORT APR 1967
 DIFFRACTION AND SCATTERING OF THE ELECTROMAGNETIC GRAVITY WAVE BY TROPICAL FEATURES
 ELECTROMAGNETIC SCATTERING IN THE TIME DOMAIN IN A PERFECTLY CONDUCTING CURVED SURFACE
 OSCILLATIONS OF SCATTERING AMPLITUDES AT HIGH ENERGY
 ELECTROMAGNETIC SCATTERING FROM CYLINDRICALLY AND SPHERICALLY STRATIFIED BODIES
 FORWARD COMPTON SCATTERING AT HIGH ENERGY AND THE ORELL - HEARN-GERASIMOV SUM RULE
 BRILLOUIN LIGHT SCATTERING FROM CRYSTALS IN THE HYDRODYNAMIC REGION
 BACKWARD COMPTON SCATTERING SUM RULE AND THE PI-ZERO YIELDS TWO GAMMA ETA-ZERO YIELDS TWO GAMMA DECAY RATES
 EXACT NEAR FIELD SCATTERING AMPLITUDE AND EVANESCENT WAVES
 RESEARCH INTO THE SCATTERING OF ELECTROMAGNETIC ENERGY FROM HIGHLY CONDUCTING BODIES FINAL REPORT MAY 1967
 STUDIES OF ELECTRON SCATTERING IN THIN FILMS FINAL REPORT MAY 1967
 INFLUENCE OF SINGLE SCATTERING ALONG ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS
 THE ELECTROMAGNETIC SCATTERING OF BROAD BANDWIDTH RANDOM SIGNALS BY A DISCRETE TARGET
 THE NUCLEON-NUCLEON SCATTERING LENGTH THE THREE-BODY PROBLEM AND CHARGE SYMMETRY
 EFFECT OF RESONANCE SCATTERING AND IMPURITY CORRELATIONS ON THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF SUPER
 STIMULATED BRILLOUIN SCATTERING FINAL REPORT FEB 1968
 HIGH-ENERGY ELECTRON SCATTERING AS A TEST OF THE NUCLEAR CLUSTER MODEL
 STRUCTURE OF UNITARY SCATTERING AMPLITUDES
 COUPLED EQUATIONS FOR SCATTERING AMPLITUDES AND HADRONIC CURRENTS
 ANGULAR DEPENDENCE OF SCATTERING AT HIGH ENERGIES
 NEAREST-NEIGHBOR ELECTRON SCATTERING IN SILICON
 LOCAL MODES AND RESONANCE SCATTERING OF LATTICE WAVES DUE TO POINT DEFECTS OPTICAL AND THERMAL PROPERTIES OF IMPERFECT
 INVESTIGATION OF THE LIGHT SCATTERING TECHNIQUE FOR COUNTING AND SIZE DETERMINATION OF MICRON-SIZED METEORITES FINAL
 APPROACH TO THE THREE-BODY SCATTERING PROBLEM
 GINZBURG-POMERANCHUK POLES IN SCATTERING AMPLITUDES
 TIME CORRELATIONS IN FORWARD SCATTERING BY RANDOM DISTRIBUTIONS FINAL REPORT APR 1968
 REGGE POLES AND UNEQUAL-MASS SCATTERING PROCESSES
 A 2 ELECTRON VOLTS ARGON BEAM SCATTERING AT A SOLID SURFACE AND OBSERVATIONS OF RADIATION ACCOMPANYING THE BEAM
 SIGNAL CORRELATIONS IN FORWARD SCATTERING BY TWO-COMPONENT RANDOM DISTRIBUTIONS
 SOME REMARKS ON FORWARD AND PI SCATTERING SUM RULES
 RECENT STUDIES OF MOLECULAR BEAM SCATTERING FROM CONTINUOUSLY DEPOSITED GOLD FILMS
 MONTE CARLO CALCULATIONS OF LIGHT SCATTERING FROM CLOUDS
 TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES
 OPTICAL PARAMETERS FOR THE ELASTIC SCATTERING OF HELIUM-3 BY HELIUM-4
 COUPLED CHANNEL ANALYSIS OF PROTON SCATTERING FROM THE
 MONTE CARLO ANALYSIS OF SEARCHLIGHT SCATTERING MEASUREMENTS
 GROUND STATE OF THE KONGO MANY-BODY SCATTERING PROBLEM
 NUCLEON-ANTI-NUCLEON CHARGE-EXCHANGE SCATTERING USING U²³⁸ AND THE ABSORPTION MODEL
 MICROSCOPIC THEORY OF LATTICE RAMAN SCATTERING IN CRYSTAL CONTAINING IMPURITIES
 EFFECT OF BOND FORMATION ON ELECTRON SCATTERING CROSS SECTIONS FOR MOLECULES
 REMARKS CONCERNING INELASTIC ELECTRON SCATTERING FROM THE
 EFFECT OF PARAMAGNETISM AND SPIN-ORBIT SCATTERING ON H₂ SUM RULE 2 OR ZIRCONIUM-NIOBIUM ALLOYS
 A STUDY OF THE MECHANISM OF SEA SURFACE SCATTERING
 MODIFIED BORN APPROXIMATION AND ELASTIC SCATTERING BY WEAK CENTRAL POTENTIALS
 P MATRIX AND PHASE SHIFTS IN SOLID-STATE SCATTERING THEORY
 ON THE SCATTERING AND THE MODIFICATION OF SCATTERING OF WAVES FROM A LONG WIRE
 COULOMB CONNECTIONS TO INELASTIC ELECTRON SCATTERING
 EVIDENCE FOR EXCHANGE EFFECTS IN INELASTIC SCATTERING PROCESSES FROM ANGULAR CORRELATION DATA
 VELOCITY DEPENDENT DOP AND NUCLEON-NUCLEON SCATTERING PHASE SHIFT IN THE BORN APPROXIMATION
 CHARGED DOUBLE PINN PRODUCTION IN PI PLUS P SCATTERING AT 910 MEV/C
 CHARGED DOUBLE PINN PRODUCTION IN PI PLUS P SCATTERING AT 910 MEV/C
 COMPOSITE MODELS OF HADRONS AND HIGH ENERGY SCATTERING
 ANALYTIC CONTINUATION OF THE HIGH-ENERGY-SHELL SCATTERING AMPLITUDE
 Kohn VARIATIONAL PRINCIPLE FOR THREE-PARTICLE SCATTERING
 SUPERCONVERGENT AMPLITUDES IN NUCLEON COMPTON SCATTERING
 SUPERCONVERGENCE SUM RULES IN NUCLEON-NUCLEON SCATTERING
 RELATION BETWEEN LIPPMANN-SCHWINGER AND BORN SCATTERING THEORIES
 CONSISTENCY CONDITIONS ON MODELS FOR HIGH-ENERGY SCATTERING
 NEW APPROXIMATION FOR THE CALCULATION OF NEUTRON SCATTERING FROM A SIMPLE LIQUID
 SPECULATIONS CONCERNING LARGE-ANGLE MESON-NUCLEON SCATTERING AT HIGH ENERGIES
 AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON SCATTERING - HEAVY NUCLEI
 AN OPTICAL-MODEL INVESTIGATION OF ELASTIC NEUTRON SCATTERING LIGHT NUCLEI
 NON-USUAL TOPOLOGIES ON SPACE-TIME AND HIGH-ENERGY SCATTERING
 CONTINUUM DISTORTIONS IN RELATIVISTIC THREE-PARTICLE SCATTERING EQUATIONS
 SOME CONSPIRACY AND SUPERCONVERGENCE PROPERTIES OF SCATTERING AMPLITUDES IN THE HELICITY FORMALISM
 PHENOMENOLOGICAL MODEL OF DIFFRACTION AND RESONANT SCATTERING
 BORN-APPROXIMATION FORMULATION OF NEUTRON-DEUTERON SCATTERING WITH TENSOR INTERACTION
 DIAGNOSTICS OF MAGNETOPLASMAS BY LARGE ANGLE LASER SCATTERING
 RADIATIVE HEAT TRANSFER IN ABSORBING, EMITTING AND SCATTERING MEDIA

AFOSR67-0891
 AFOSR67-0931
 AFOSR67-0952
 AFOSR68-0610
 AFOSR68-0897
 AFOSR68-0904
 AFOSR68-0909
 AFOSR68-1062
 AFOSR68-1941
 AFOSR67-0009
 AFOSR67-0658
 AFOSR67-1761
 AFOSR68-2428
 ARL 67-1300
 AFOSR67-0383
 AFOSR68-0280
 AFOSR67-0406
 AFOSR67-1760
 AFOSR68-1900
 AFOSR68-0367
 AFOSR67-0880
 AFOSR68-1697
 AFOSR67-1058
 AFOSR67-2754
 AFOSR68-2034
 AFOSR68-1086
 AFOSR67-0009
 AFOSR68-2107
 AFOSR68-2823
 AFOSR67-0111
 AFOSR67-0360
 AFOSR68-0403
 AFOSR68-0319
 AFOSR68-0846
 AFOSR68-1688
 AFOSR68-2220
 AFOSR67-0129
 AFOSR67-0307
 AFOSR68-0212
 AFOSR68-0287
 AFOSR67-1148
 AFOSR67-2696
 AFOSR68-0140
 AFOSR68-1755
 AFOSR68-2279
 AFOSR68-2062
 AFOSR67-0329
 AFOSR67-0072
 AFOSR67-0450
 AFOSR67-0602
 AFOSR67-2194
 AFOSR68-0424
 AFOSR68-0112
 AFOSR67-0578
 AFOSR67-2825
 AFOSR67-0885
 AFOSR68-2262
 AFOSR67-0454
 AFOSR68-1094
 AFOSR67-0820
 AFOSR67-0673
 AFOSR67-2777
 AFOSR68-0223
 AFOSR67-1405
 AFOSR68-2354
 AFOSR67-0224
 AFOSR68-1242
 AFOSR68-2219
 AFOSR67-0421
 AFOSR67-1482
 AFOSR67-2188
 AFOSR68-0901
 AFOSR68-0311
 AFOSR67-1875
 AFOSR68-0132
 ARL 68-1414
 AFOSR68-0210
 AFOSR67-1724
 AFOSR67-1017
 AFOSR67-1861
 AFOSR68-2560
 AFOSR67-1097
 AFOSR68-0280
 AFOSR67-2619
 AFOSR68-1012
 AFOSR68-2559
 ARL 67-0193
 ARL 68-0329
 ARL 68-1100
 AFOSR67-2146
 AFOSR67-2834
 AFOSR68-0778
 AFOSR68-0566
 AFOSR68-0699
 AFOSR67-1638
 AFOSR68-0721
 AFOSR67-1442
 AFOSR68-1119
 AFOSR68-1725
 AFOSR67-1421
 AFOSR67-2738
 AFOSR68-1140
 AFOSR68-1246
 AFOSR68-2859
 ARL 67-0020
 ARL 67-0210

SCATTERING

- CONTINUED

POLARIZATION AND ASYMMETRY IN THE REACTION DEUTERON SCATTERING FROM HELIUM-THREE YIELDING A PROTON PLUS HELIUM-FOUR AFOSR66-0358

HIGHER-ORDER LOW-ENERGY THEOREMS FOR NUCLEON COMPTON SCATTERING AFOSR66-1808

USE OF AND SUPERCONVERGENT SUM RULES FOR MESON-BARYON SCATTERING AFOSR67-1704

INTERMOLECULAR POTENTIAL ENERGIES BY A MOLECULAR BEAM SCATTERING METHOD AFOSR67-2011

GROUP THEORETICAL RELATIONSHIPS BETWEEN BARYON-BARYON SCATTERING CROSS-SECTIONS AFOSR66-0744

SOME REMARKS ON THE POLARIZATION DATA FOR PION-NUCLEON SCATTERING AFOSR66-1215

GROUP-THEORETIC APPROACH TO THE RELATIVISTIC THEORY OF SCATTERING AFOSR66-1263

USE OF ANALYTICITY IN THE CALCULATION OF NONRELATIVISTIC SCATTERING AMPLITUDES AFOSR66-1630

KINEMATIC SINGULARITIES OF HELICITY AMPLITUDES FOR COMPTON SCATTERING AFOSR66-1693

POSSIBLE ONE-CHANNEL CASTILLEJO-DALITZ-DYSON POLES IN π AND SCATTERING AFOSR67-0476

AMBIGUITIES IN THE OPTICAL-MODEL ANALYSIS OF ALPHA-PARTICLE SCATTERING AFOSR67-2161

CHARGE INVARIANCE AND GROUP TRANSFORMATION PROPERTIES OF THE SCATTERING IN A DYNAMICAL MODEL AFOSR66-1210

INVESTIGATION OF CRYSTAL IMPERFECTIONS BY MEANS OF LASER LIGHT SCATTERING AFOSR67-0648

IMPURITY-INDUCED SECOND-HARMONIC INFRARED ABSORPTION AND RAMAN SCATTERING BY U-CENTER LOCALIZED MODES IN ALCALI-HALIDE AFOSR66-0924

ROLE OF THE INTEGRAL OPERATOR METHOD IN THE THEORY OF POTENTIAL SCATTERING AFOSR67-1188

ANTISYMMETRIZED DISTORTED-WAVE APPROXIMATION FOR NUCLEON-NUCLEUS SCATTERING AFOSR67-1000

CHARACTERISTICS OF THE STOKES EMISSION IN THE STIMULATED BRILLOUIN SCATTERING PROCESS AFOSR67-0061

EXTRAPOLATION PROBLEM IN CURRENT-ALGEBRA CALCULATIONS OF THE π π SCATTERING LENGTHS AFOSR67-1393

FURTHER CONSEQUENCES OF THE QUARK MODEL IN INELASTIC MESON-BARYON SCATTERING AFOSR67-2033

LOW-ENERGY CONSTRAINTS ON PION PRODUCTION AMPLITUDES IN π NUCLEON SCATTERING AFOSR66-0190

COMMENT ON THE DEVIATION FROM AN INVERSE SIXTH POWER POTENTIAL IN THE SCATTERING OF A POLAR MOLECULE BY NONPOLAR GASES AFOSR67-2736

OPTICAL-MODEL ANALYSIS OF THE SULPHUR-32-ALPHA ALPHA SULPHUR-32 ELASTIC SCATTERING FROM 10.0 TO 17.5 MEV AFOSR66-1882

SURFACE LATTICE DYNAMICS OF SILVER II LOW-ENERGY ELECTRON THERMAL DIFFUSE SCATTERING AFOSR67-2676

EXTENSION OF THE CONTOUR-DISTORTION METHOD IN RELATIVISTIC THREE-PARTICLE SCATTERING AFOSR66-2872

VELOCITY DEPENDENCE OF TOTAL CROSS SECTION FOR THERMAL ENERGY ATOM-MOLECULE SCATTERING AFOSR67-2869

THE BEHAVIOR OF THE ANGULAR CORRELATION SYMMETRY ANGLE FOLLOWING INELASTIC SCATTERING OF HELIUM 3 PARTICLES FROM AFOSR66-1304

COUPLED CHANNEL SCHRÖDINGER-EQUATION MODEL FOR NEUTRON-ALPHA AND DEUTERON-TRITON SCATTERING I AFOSR67-0224

π/π RADIAR SIGNATURE ANALYSIS BASED ON MEASURED DIFFERENTIAL PHASE SHIFTS OF TARGET SCATTERING AT TWO HARMONIC AFOSR67-0476

ISOPHASE ANALOG STATES IN HEAVY NUCLEI V RESONANCES IN 20-90 FROM PROTON INELASTIC SCATTERING AFOSR66-1296

LOW-ENERGY THEOREMS DISPERSION RELATIONS AND SUPERCONVERGENCE SUM RULES FOR COMPTON SCATTERING AFOSR66-1261

NITROGEN-14/NITROGEN-14 NITROGEN-13/NITROGEN-15 REACTION AT LOW ENERGIES AND THE ELASTIC SCATTERING OF NITROGEN-14 BY AFOSR66-0126

RADIATIVE TRANSFER II THE ITERATION OF THE MONOCHROMATIC SOURCE FUNCTION IN THE PRESENCE OF SCATTERING AFOSR66-2683

INTERPRETATION AND APPLICATION OF TRANSIENT AND IMPULSE RESPONSE APPROXIMATIONS IN ELECTROMAGNETIC SCATTERING PROBLEMS AFOSR67-0090

A SIMPLIFIED PROCEDURE FOR CORRECTING A MEASURED ANGULAR DISTRIBUTION OF PARTICLES FOR DISTORTION BY A SCATTERING AFOSR66-0582

HIGH-RESOLUTION STUDY OF ELECTRON-IMPACT SPECTRA AT KINETIC ENERGIES BETWEEN 33 AND 100 ELECTRON VOLT AND SCATTERING AFOSR66-2504

SCAVENGER

IODINE AS A RADICAL SCAVENGER IN CYCLOPENTANE RADIOLYSIS ARL 67-1120

SCENE

SCENE ANALYSIS USING THE CONCEPT OF MODEL AFOSR67-0133

SCHEDULING

AN OBJECTIVE FUNCTION FOR COMPUTER SYSTEMS SCHEDULING OCT 1966 AFOSR66-2563

SCHEME

AN OPTIMUM DECISION-DIRECTED SCHEME FOR GAUSSIAN MIXTURES AFOSR66-2226

CONTINUED FRACTIONS AND UPPER AND LOWER BOUNDS IN THE BRILLOUIN WIGNER PERTURBATION SCHEME AFOSR66-1017

SCHEMES

DISCRETIZATION SCHEMES AND THE OPTIMAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS AFOSR66-2030

TRANSFORMATION OF PROGRAM SCHEMES TO STANDARD FORMS AFOSR66-0684

ON STABILITY FOR DIFFERENCE SCHEMES A SHARP FORM OF GARDING'S INEQUALITY AFOSR67-2880

NUCLEAR STRUCTURE OF SC SUPPER 43 I. ENERGY LEVELS AND DECAY SCHEMES ARL 66-1342

SCHLIEREN

CRITERIA FOR QUANTITATIVE SCHLIEREN INTERFEROMETRY ARL 67-0196

SCHOOL

THE SCHOOL TEACHER A LINK TO CHINA'S FUTURE AFOSR66-2540

THE MOORE SCHOOL INFORMATION SYSTEMS LABORATORY AFOSR67-1952

THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE FINAL REPORT MAY 1967 AFOSR67-1167

SCHOTTKY

THE USE OF PRECISE SCHOTTKY DATA IN THE ANALYSIS OF THE METAL-VACUUM SURFACE BARRIER FOR THERMIONIC EMITTERS I- AFOSR67-0189

INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION AFOSR66-0122

INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION AFOSR66-0302

INVESTIGATION OF SEMICONDUCTOR SCHOTTKY BARRIERS FOR OPTICAL DETECTION AND CATHODIC EMISSION AFOSR66-0447

SCHRODINGER

ON THE ANALYTIC PROPERTIES OF SOLUTIONS FOR A GENERALIZED AXIALLY SYMMETRIC SCHRÖDINGER EQUATION AFOSR67-0837

SCHRÖDINGER-EQUATION

COUPLED CHANNEL SCHRÖDINGER-EQUATION MODEL FOR NEUTRON-ALPHA AND DEUTERON-TRITON SCATTERING I AFOSR67-0224

SCHUR

A LATTICE THEORETICAL ANALOGUE OF THE SCHUR LEMMA AFOSR66-1221

SCHWARZSCHILD

WHY IS THE SCHWARZSCHILD SOLUTION INDEPENDENT OF THE SPATIAL STRESSES AFOSR66-2746

SCHWINGER

SCHWINGER TERMS FROM LOCAL CURRENTS AFOSR66-0760

THEOREM ON C-NUMBER SCHWINGER TERM AFOSR67-2771

STRESS-TENSOR COMMUTATORS AND SCHWINGER TERMS AFOSR66-0715

SCIENCE

SCIENCE IN THE SIXTIES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 10TH CLOUDCROFT NEW MEXICO JUNE 1966 AFOSR66-2384

RADIO SCIENCE AFOSR67-0400

SPACE SCIENCE JOINT URSI/G-AP TECHNICAL SESSION AFOSR67-0832

COMPUTER SCIENCE RESEARCH REVIEW AFOSR67-0852

COMPUTER SCIENCE RESEARCH REVIEW AFOSR66-0440

SCIENCE

- CONTINUED

VISTAS IN SCIENCE THE THIRTEENTH AFOSR SCIENCE SEMINAR ALBUQUERQUE NEW MEXICO JUNE 1968 THE UNIVERSITY OF NEW MEXICO
JOURNALS IN SCIENCE SMALL STEPS--GREAT STRIDES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 12TH
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 2 PP57-128 MAR-APR 1967 FINAL REPORT MARCH 1968
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 1 PP129-220 MAY-JUN 1967
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 4 PP221-294 JUL-AUG 1967 FINAL REPORT MARCH 1968
PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 12 NUMBER 1 PP1-64 JAN-FEB 1968
MATHEMATICS IN SCIENCE AND ENGINEERING STOCHASTIC STABILITY AND CONTROL
ISSUES IN SOCIAL SCIENCE DECISION MAKING FINAL REPORT MARCH 1968
ON THE NATURE OF SPACE SCIENCE
PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS
PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS FINAL REPORT PER 1968
INFORMATION NEEDS AND USES IN SCIENCE AND TECHNOLOGY
MATHEMATICAL ASPECTS OF COMPUTER SCIENCE PROCEEDINGS OF SYMPOSIA IN APPLIED MATHEMATICS MATHEMATICAL ASPECTS OF
VISTAS IN SCIENCE THE THIRTEENTH AFOSR SCIENCE SEMINAR ALBUQUERQUE NEW MEXICO JUNE 1968 THE UNIVERSITY OF NEW MEXICO
THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE FINAL REPORT MAY 1967
COMPILATION AND ANALYSIS OF LEXICAL REFERENCES IN INFORMATION SCIENCE FINAL REPORT JUNE 1968

AFOSR68-2760
AFOSR68-2388
AFOSR68-0781
AFOSR68-0782
AFOSR68-0783
AFOSR68-0784
AFOSR67-2702
AFOSR68-0683
AFOSR67-2680
AFOSR67-0468
AFOSR68-0046
AFOSR67-2023
AFOSR68-1019
AFOSR68-2760
AFOSR67-1167
AFOSR68-1376

SCIENCE-HARRO

THE GENERATION OF SCIENCE-BASED TECHNOLOGY IN THE FIELD OF CRYSTALLIZATION

AFOSR68-1494

SCIENCES

RESEARCH ANALYSIS IN THE LIFE SCIENCES FINAL REPORT NOV 1967
THE SCOPE AND AIMS OF THE INFORMATION SCIENCES AND TECHNOLOGIES
MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1963 VOLUME VIII FINAL REPORT AUG 1968
MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1962 VOLUME VII FINAL REPORT AUG 1968
MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1961 VOLUME VI FINAL REPORT AUG 1968
BRAIN FUNCTION VOLUME IV UCLA FORUM IN MEDICAL SCIENCES NUMBER 4 - PROCEEDINGS OF THE FOURTH CONFERENCE ON BRAIN
PLAN FOR IMPLEMENTING AN INFORMATION SYSTEM FOR MARINE SCIENCES LITERATURE
PROCEEDINGS OF THE HAWAII INTERNATIONAL CONFERENCE ON SYSTEMS SCIENCES UNIVERSITY OF HAWAII HONOLULU HAWAII 29-31
A KEYWORD AND AUTHOR INDEX FOR THE MASTERS THESES IN THE PURE AND APPLIED SCIENCES ACCEPTED BY U S COLLEGES AND
ON RELATIONS BETWEEN THE INFLUENCE AFFLUENCE AND PHENOMENAL CONSEQUENCE OF SCIENCES AS THEY AFFECT SOCIOLOGY'S FUTURE
BRAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL MECHANISMS AND SOCIAL PATTERNS UCLA FORUM IN MEDICAL SCIENCES
PROCEEDINGS THE FIFTH WEEKLY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME III PHYSICAL SCIENCES

AFOSR67-2603
AFOSR68-2484
AFOSR67-0302
AFOSR67-0363
AFOSR67-0364
AFOSR68-1362
AFOSR68-2878
AFOSR68-2088
AFOSR67-0421
AFOSR68-0580
AFOSR68-1361
AFOSR68-2093

SCIENTIFIC

STUDY OF SCIENTIFIC AND TECHNICAL DATA ACTIVITIES IN THE UNITED STATES VOLUME II PART C PRELIMINARY CENSUS OF
PROCEEDINGS FOURTH AFOSR SCIENTIFIC BALLOON SYMPOSIUM
A SUMMARIZATION OF TECHNICAL AND SCIENTIFIC REPORTS ISSUED BY THE IONOSPHERE RESEARCH LABORATORY - PAPERS PRESENTED
THE ROLE AND CAREER DEVELOPMENT OF THE SCIENTIFIC AND ENGINEERING OFFICER IN THE AIR FORCE
SCIENCE IN THE SIXTIES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 10TH CLOUDCROFT NEW MEXICO JUNE 1968
CHEMISTRY PROGRAM OF THE AIR FORCE OFFICE OF SCIENTIFIC RESEARCH FINAL REPORT OCT 1967
REPAIRMENT TEST INTEGRATION AND FIELD SUPPORT OF SCIENTIFIC INSTRUMENTS FOR THE OVI-13 SATELLITE FINAL REPORT JUN
SCIENCE IN THE SIXTIES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 10TH CLOUDCROFT NEW MEXICO JUNE 1968
JOINTS IN SCIENCE SMALL STEPS--GREAT STRIDES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 12TH

AFOSR68-1403
AFOSR67-0078
AFOSR67-0466
AFOSR68-0494
AFOSR68-2384
AFOSR67-2808
AFOSR68-0286
AFOSR68-2384
AFOSR68-2388

SCIENTISTS

PLANNING A JOINT LIBRARY SERVICE FOR SCIENTISTS IN UNIVERSITIES
RESULTS FOR AN ADDITIONAL FOLLOW-UP CRITERION ON A SAMPLE OF AIR FORCE SCIENTISTS

AFOSR68-1238
AFOSR67-0896

SCINTILLATION

SCINTILLATION STUDIES USING THE EARLY BIRD SYNCHRONOUS SATELLITE 136-MHZ SIGNAL
SATELLITE SCINTILLATION AT HIGH LATITUDES AND ITS POSSIBLE RELATION TO PRECIPITATION OF SOFT PARTICLES
THE AURORAL OVAL AND THE SCINTILLATION BOUNDARY
THE RINGING IRREGULARITY IN IONOSPHERIC SCINTILLATION

AFOSR67-0655
AFOSR68-0288
AFOSR68-0380
AFOSR68-0263

SCINTILLATIONS

ENHANCED INTERPLANETARY SCINTILLATIONS ASSOCIATED WITH SOLAR FLARES
A PROPOSED INDEX FOR MEASURING IONOSPHERIC SCINTILLATIONS
ANGULAR DIAMETER OF 3C 279 FROM INTERPLANETARY SCINTILLATIONS

AFOSR67-1179
AFOSR68-0138
AFOSR67-1447

SCINTILLATORS

TECHNIQUE AND APPARATUS FOR DETERMINING THE RESPONSE OF SCINTILLATORS AND SEMICONDUCTORS TO LOW ENERGY X-RAY

AFOSR67-1934

SCLEPROSING

SLEEP STUDY IN SUBACUTE SCLEROTIC LEUCOENCEPHALITIS /SSPE/ /FIRST RESULTS/

AFOSR68-2690

SCOPE

SCOPE USER MANUAL
THE SCOPE AND AIMS OF THE INFORMATION SCIENCES AND TECHNOLOGIES
RHEOLOGY ITS SCOPE HISTORY AND SOME PROBLEMS OF CONTINUUM MECHANICS IN PHYSIOLOGY
PHOTOCHEMICAL CYCLOBUTANOL FORMATION OF AN ARYL KETONE THE SCOPE AND MECHANISM OF THE REACTION
GEOCHRONOLOGY OF THE MIDCONTINENT REGION UNITED STATES PART 1 SCOPE METHODS AND PRINCIPLES PART 2 NORTHERN ARFA PART 3

AFOSR68-0937
AFOSR68-2484
AFOSR68-0993
AFOSR67-2627
AFOSR67-0314

SCORES

DISTRIBUTION AND POWER OF THE ABSOLUTE NORMAL SCORES TEST
A COMPARISON OF HYPNOTIC SUSCEPTIBILITY AS ASSESSED BY DIAGNOSTIC RATINGS AND INITIAL STANDARDIZED TEST SCORES

AFOSR68-0205
AFOSR67-1839

SCRAMBLER

A PHOTOELECTRIC SHOCK SCRAMBLER
A MODIFICATION OF THE HOFFMAN-FLEISHER GRID SHOCK SCRAMBLER

AFOSR68-2172
AFOSR67-1950

SCRAMJET

REVIEW OF SCRAMJET PROPULSION TECHNOLOGY
OPTIMIZATION OF A SCRAMJET CONFIGURATION

ARL 68-0097
ARL 67-1066

SCREENFO

BIPOLAR EXPANSION OF SCREENED COLUMB POTENTIALS HELMHOLTZ SOLID HARMONICS AND THEIR ADDITION THEOREMS
NEW APPROXIMATION FOR SCREENED EXCHANGE AND THE DIELECTRIC CONSTANT OF METALS

AFOSR67-1243
AFOSR67-2425

SCREENING

SCREENING OF A FINE CHARGE IN BISMUTH METAL
DYNAMICAL SCREENING AND MAGNETIC PHASES FOR ELECTRONS IN SOLIDS

AFOSR68-0568
AFOSR67-2652

SCHEFFING - CONTINUED

PIGMENT MIGRATION LIGHT SCHEFFING AND RECEPTOR SENSITIVITY IN THE COMPOUND EYE OF NOCTURNAL LEPIDOPTERA
ASSOCIATIVE ADJUSTMENTS TO REDUCE ERRORS IN DOCUMENT SCREENING FINAL REPORT MARCH 1967 AFOSR67-0906
AFOSR67-0906

SCUTI

A SPECTROPHOTOMETRIC STUDY OF DELTA SCUTI AND DELTA DELPHINI AFOSR67-2200

SEAL

A SIMPLE VACUUM SEAL FOR NON-CIRCULAR TUBES AFOSR67-2075

SEARCH

SEARCH FOR A RAYON OF POSITIVE STRANGENESS AFOSR67-0826
SEARCH FOR GAMMA RADIATION FROM SUPERNOVA REMNANTS FINAL REPORT JAN 1967 AFOSR67-0810
A SEARCH TECHNIQUE FOR QUASI-PERFECT CODES AFOSR67-0760
A SEARCH FOR ALPHA PARTICLES TRAPPED IN THE GEOMAGNETIC FIELD AFOSR67-2527
A SEARCH FOR OPTIMUM METHODS FOR THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS AFOSR68-0011
IN SEARCH OF MATHEMATICS FOR BIOLOGY FINAL REPORT APRIL 1967 AFOSR67-0893
THE SEARCH FOR NEW MATERIALS AFOSR67-2407
ON THE SEARCH FOR VARIATIONAL PRINCIPLES AFOSR67-1964
NEGATIVE RESULTS IN A SEARCH FOR RADIO EMISSION FROM INFRARED AND T TAURI STARS AFOSR67-2770
UNCERTAINTY INFORMATION SEARCH AND DECISION MAKING FINAL REPORT NOV 1966 AFOSR68-2324
EFFECTS OF ASSOCIATION VALUE ON PERCEPTUAL SEARCH AFOSR67-1820

SEARCHES

AN ADAPTIVE TREE PRUNING SYSTEM A LANGUAGE FOR PROGRAMMING HEURISTIC TREE SEARCHES AFOSR68-0038

SEARCHING

COMPOSITION COPYING AND SEMI-MECHANIZED FILING AND SEARCHING DEVICES AFOSR67-2003

SEARCHLIGHT

MONTÉ CARLO ANALYSIS OF SEARCHLIGHT SCATTERING MEASUREMENTS AFOSR68-0311

SEASON

VARIATIONS WITH SEASON AND LATITUDE OF DENSITY TEMPERATURE AND COMPOSITION IN THE LOWER THERMOSPHERE AFOSR67-0161
ESTIMATING THE DATE OF RETREAT OF THE RAINY SEASON IN SOUTHERN SOUTH VIETNAM AFOSR68-0229

SEASONAL

DAILY AND SEASONAL VARIATION OF THE TOTAL ELECTRON CONTENT OF THE IONOSPHERE OVER TORTOSA
NEW MODEL ATMOSPHERES GIVING LATITUDINAL AND SEASONAL VARIATIONS IN THE THERMOSPHERE AFOSR67-0082
AFOSR67-0330

SEAT

EVIDENCE FOR THE SEAT OF THE STRAIN - PRODUCING FORCES AFOSR67-2144

SECOND

SECOND QUANTIZATION AS A GRADED HILBERT SPACE REPRESENTATION AFOSR68-1130
SECOND S UPPER PLUS T EQUALS I LEVEL IN UPPER 3D P ARL 58-0012
SPURIOUS SECOND HARMONICS FROM MODULATED LANGMUIR PROBES AFAL 67-0323
LIADIUMS SECOND METHOD AFOSR67-0841
MAGNETIC MOMENT TO SECOND ORDER FOR AXISYMMETRIC STATIC FIELD AFOSR67-0316
STATISTICAL ASPECTS OF SECOND AND THIRD LAW HEATS AFOSR67-0555
FORCED OSCILLATIONS IN SECOND ORDER SYSTEMS WITH BOUNDED NONLINEARITIES AFOSR67-2702
FORCED OSCILLATION OF A SECOND ORDER PLAY SYSTEM WITH DAMPING AFOSR67-1025
THE SIGNIFICANCE OF THE SECOND FORMANT IN SPEECH INTELLIGIBILITY AFOSR67-1414
EQUILIBRIUM APPROACH TO SECOND SOUND IN SOLIDS AFOSR68-1112
INTERPRETATION OF THE SLOW REACTION AND SECOND LIMIT OF HYDROGEN PLUS OXYGEN MIXTURES BY COMPUTER METHODS AFOSR68-1272
A LOWER BOUND FOR THE FIRST EIGENVALUE OF SECOND ORDER ELLIPTIC OPERATORS AFOSR68-2001
DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS OF SECOND ORDER AFOSR68-2657
LOW-TEMPERATURE QUANTUM CORRECTIONS TO THE SECOND VIRIAL COEFFICIENT AFOSR68-2463
DEGENERATE ELLIPTIC-PARABOLIC EQUATIONS OF SECOND ORDER AFOSR68-2657
GROWTH AND DECAY PROPERTIES OF SOLUTIONS OF SECOND ORDER ELLIPTIC EQUATIONS AFOSR68-1913
A RESULT CONCERNING ELLIPTIC EQUATIONS OF THE SECOND ORDER AND OF NON VARIATIONAL TYPE /ITALIAN/ AFOSR68-0573
EXPERIMENTAL FREE-INDUCTION DECAY SHAPES AND THEORETICAL SECOND MOMENTS FOR HYDROGEN IN HEXAGONAL ICE AFOSR67-2648
VAN DER WAALS FORCE DISPERSION THEORY AND SINGULARITIES ON SECOND RIEMANN SHEETS AFOSR67-2703
INPUT POWER INDUCED THERMAL EFFECTS RELATED TO TRANSITION TIME BETWEEN AVALANCHE AND SECOND BREAKDOWN IN P-N SILICON AFOSR67-0747
THERMODYNAMIC ANALYSIS OF VAPOR-LIQUID AND VAPOR-SOLID EQUILIBRIA DATA TO OBTAIN INTERACTION SECOND VIRIAL AFOSR67-1248

SECOND-HARMONIC

IMPURITY-INDUCED SECOND-HARMONIC INFRARED ABSORPTION AND RAMAN SCATTERING BY U-CENTER LOCALIZED MODES IN ALKALI-HALIDE AFOSR68-0924
ACCURATE CW MEASUREMENTS OF OPTICAL SECOND-HARMONIC GENERATION IN AMMONIUM DIHYDROGEN PHOSPHATE AND CALCITE AFOSR67-1401

SECOND-ORDER

SECOND-ORDER LINEAR PARABOLIC EQUATIONS WITH A SMALL PARAMETER AFOSR68-0987
MAGNETIC RELAXATION NEAR A SECOND-ORDER PHASE-TRANSITION POINT AFOSR67-0568
THEORY OF SYMMETRY CHANGE IN SECOND-ORDER PHASE TRANSITION IN PEROSKITE STRUCTURE ARL 68-0243
SOME FUNCTION-THEORETIC ASPECTS OF LINEAR SECOND-ORDER DIFFERENTIAL EQUATIONS AFOSR67-1470
NONLINEAR OSCILLATIONS AMPLITUDE BOUNDS FOR SECOND-ORDER SYSTEMS AFOSR67-0816
TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY KINETICS OF SECOND-ORDER DISPROPORTIONATION OF URANIUM V BY DECAY OF AFOSR67-0542
AMPLITUDE BOUNDS ON PERIODIC AND APERIODIC OSCILLATIONS SECOND-ORDER SYSTEMS AFOSR67-1776

SECOND-OVERTONE

FIRST- AND SECOND-OVERTONE INTENSITY MEASUREMENTS FOR CO AND NO AFOSR67-0064

SECONDARY

SECONDARY TASK INTERFERENCE IN THE PERFORMANCE OF TRACKING TASKS AFOSR67-1004
SECONDARY ELECTRON EMISSION IN THE ELECTRON PROBE AFOSR67-2829
NOTE ON SECONDARY ELECTRONS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE ARL 68-0293
ENERGY SPECTRA OF SECONDARY ELECTRONS FROM METALS AFOSR67-0651
RAMAN LASERS USING SECONDARY RAMAN LINES AFOSR67-0341
THEORETICAL ANALYSIS OF A SECONDARY EMISSION EXPERIMENT ON INSULATORS AFOSR67-0459
NATURE OF THE INTERACTION OF SECONDARY ELECTRONS WITH CHEMICAL SYSTEMS AFOSR68-0941
UNDETECTED WHISTLER EVIDENCE FOR A SECONDARY PEAK IN THE ELECTRON ENERGY SPECTRUM NEAR 10 KEV AFOSR68-2817
THE TROPICAL UPPER TROPOSPHERIC TROUGH AS A SECONDARY SOURCE OF TYPHOONS AND A PRIMARY SOURCE OF TRADEWIND AFOSR67-0203
MODULARITY IN DESIGN THE APPLICATION OF SHIFT REGISTERS IN SECONDARY STATE ASSIGNMENT AFOSR68-1300

| | | |
|--|-------------|--------------|
| SECONDARY | - CONTINUED | |
| A COUNTER FOR THE MEASUREMENT OF THE ATMOSPHERIC AND EARTH LEAKAGE FLUX OF SECONDARY COSMIC RAY NEUTRONS | | AFCL67-0493 |
| SECONDARY-PLPCTRON | | |
| SECONDARY-ELECTRON EMISSION FROM GLYCEROL-COATED COPPER SURFACES | | AFOSR68-0303 |
| SECONDS | | |
| EXCITATION OF MANTLE RAYLEIGH WAVES OF PERIOD 100 SECONDS AS A FUNCTION OF MAGNITUDE | | AFOSR68-1481 |
| AURORAL-ZONE TELLURIC-CURRENT MICROFLUCTUATIONS V 20 SECONDS | | AFCL67-0247 |
| SECRETION | | |
| HYPOTHALAMIC CONTROLS OF THE NERVOUS SYSTEM AND ENDOCRINE SECRETION FINAL REPORT FEB 1967 | | AFOSR67-0920 |
| SECRETORY | | |
| THE SECRETORY CYCLE OF SUPRAOPTIC NEURONS IN THE RAT A STRUCTURAL-FUNCTIONAL CORRELATION | | AFOSR67-2094 |
| HYPOTHALAMIC SECRETORY FACTOR FOR ADRENOCORTICOTROPIC HORMONE FINAL REPORT NOV 1968 | | AFOSR68-2333 |
| SECTION | | |
| TEST SECTION CONDITIONS FOR THE TAILORED INTERFACE HYPERSONIC SHOCK TUNNEL | | AFOSR67-2026 |
| PREPARATION OF THIN SECTION FOR TRANSMISSION ELECTRON MICROSCOPY | | ARL 67-1180 |
| REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING KUB | | AFCL67-0008 |
| REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING KUB | | AFCL67-0239 |
| REDUCTION OF RADAR CROSS SECTION BY IMPEDANCE LOADING KUB FINAL REPORT JAN 1968 | | AFCL68-0225 |
| OSCILLATIONS IN THE TOTAL CROSS SECTION FOR RESONANT CHARGE TRANSFER IN LITHIUM - LITHIUM ION COLLISION | | AFOSR68-1900 |
| VELOCITY DEPENDENCE OF TOTAL CROSS SECTION FOR THERMAL ENERGY ATOM-MOLECULE SCATTERING | | AFOSR67-2049 |
| MEASUREMENT OF THE LI-HG TOTAL CROSS SECTION AT VERY LOW ENERGIES | | AFOSR67-2258 |
| THE DYNAMICS OF A BEAM OF CHANGING CROSS SECTION | | AFOSR68-1850 |
| INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/ | | AFCL67-0574 |
| INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/ | | AFCL68-0139 |
| INVESTIGATION OF REDUCTION OF RADAR CROSS SECTION BY A FEEDBACK METHOD /U/ | | AFCL68-0248 |
| FLOW OF A RAREFIED GAS IN A TUBE OF ANNUAL SECTION | | AFOSR67-0137 |
| HIGH INTENSITY NOZZLE BEAM SOURCE FOR USE IN MOLECULAR TOTAL CROSS SECTION MEASUREMENTS | | AFOSR68-0905 |
| NOTION OF A SHOCK WAVE THROUGH TUBES OF CONVERGING OR DIVERGING CROSS SECTION | | AFOSR67-0667 |
| SECTIONS | | |
| STOPPING CROSS SECTIONS IN ARGON OF LOW ATOMIC NUMBER ATOMS WITH ENERGIES FROM 15 TO 140 KEV | | AFOSR67-1750 |
| PREPARATION OF THIN SECTIONS BY ION MICROGRAPHY FOR TRANSMISSION ELECTRON MICROSCOPY | | ARL 67-0249 |
| DETERMINATION OF CROSS SECTIONS FROM MEASUREMENTS ON CYLINDRICAL CASCADE ARCS | | ARL 67-0243 |
| NOTES ON KLEES PAPER POLYHEDRAL SECTIONS OF CONVEX BODIES | | AFOSR68-0247 |
| DIRECT ELECTRON EXCITATION CROSS SECTIONS PERTINENT TO THE ARGON ION LASER | | AFOSR67-2617 |
| A COMPUTER PROGRAM FOR CALCULATING SECTIONS OF THE RECIPROCAL LATTICE OF ANY CRYSTAL SYSTEM | | ARL 68-0201 |
| STUDY OF ELECTRONIC COLLISION CROSS SECTIONS FINAL REPORT JAN 1968 | | AFOSR68-2307 |
| NUMERICAL ANALYSIS OF HADRON TOTAL CROSS SECTIONS IN THE QUARK MODEL | | AFOSR68-1371 |
| DETERMINATION OF OPTICAL EXCITATION CROSS SECTIONS IN ATOMIC COLLISIONS FINAL REPORT FEB 1967 | | AFOSR67-0940 |
| MEASUREMENT OF ION-ION NEUTRALIZATION CROSS SECTIONS FINAL REPORT JULY 1968 | | AFCL68-0442 |
| DETERMINATION OF RHO ZERO-NUCLEON TOTAL CROSS SECTIONS FROM COHERENT PHOTOPRODUCTION | | AFOSR67-0575 |
| DETERMINATION OF PARTIAL PHOTOIONIZATION CROSS SECTIONS BY PHOTOELECTRON SPECTROSCOPY | | AFOSR68-1099 |
| ABSOLUTE MEASUREMENT OF INELASTIC COLLISION CROSS SECTIONS FOR VIBRONIC EXCITED STATES | | AFOSR68-0045 |
| EFFECT OF BOND FORMATION ON ELECTRON SCATTERING CROSS SECTIONS FOR MOLECULES | | AFOSR68-0810 |
| CRYSTAL CHEMISTRY OF ABSORB STRUCTURES I INVESTIGATIONS ON ABSORB SECTIONS IN THE TERNARY SYSTEMS RARE EARTH-ALUMINUM | | AFOSR67-2737 |
| EXPERIMENTAL INVESTIGATION OF THE MODIFICATION OF THE BACKSCATTERING CROSS SECTIONS OF METALLIC OBJECTS | | AFCL68-0545 |
| ABSOLUTE MEASUREMENTS OF THE 2 SUPER 1 P AND 2 SUPER 3 P ELECTRON EXCITATION CROSS SECTIONS OF HELIUM ATOMS | | AFOSR68-1128 |
| SECTOR | | |
| ELEMENTARY AND COMPOSITE PARTICLES IN THE V-THETA SECTOR OF THE LFF MODEL | | AFOSR68-0306 |
| LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR MICROPHOTOMETER DATA III | | AFOSR67-0277 |
| SECULAR | | |
| SECULAR BEHAVIOR AND FRIEDMAN'S MULTIPLE-TIME-SCALE THEORY OF IRREVERSIBLE PROCESSES | | AFOSR68-2851 |
| SEDATION | | |
| EFFECTS OF THIOPENTAL SEDATION ON LEARNING AND MEMORY | | AFOSR67-2214 |
| SEDIMENTARY | | |
| SPHERULES IN SEDIMENTARY ROCKS FINAL REPORT MAY 1967 | | AFCL67-0315 |
| SEEBECK | | |
| SINGLE-CRYSTAL STUDIES OF ELECTRICAL CONDUCTIVITY SEEBECK EFFECT AND HALL VOLTAGE IN SODIUM VANADIUM BRONZE AND A | | AFOSR68-1474 |
| SEED | | |
| DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS | | AFCL67-0155 |
| DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS FINAL REPORT MAR 1968 | | AFCL68-0170 |
| CRYSTALLIZATION OF FERRIC AMMONIUM SULFATE ON A SEED IN MAGNETIC FIELDS UP TO KILD-DEPSTO | | AFOSR67-1729 |
| SEEDER | | |
| SURFACE EFFECTS IN SEEDED COMBUSTION PRODUCTS /PROCEEDINGS OF A SPECIALISTS MEETING AGARD PROPULSION AND EMERGETICS | | AFOSR67-1216 |
| ELECTRODE EFFECTS IN A SEEDED PLASMA | | AFOSR67-0287 |
| LOW TEMPERATURE SURFACE EMISSION IN SEEDED COMBUSTION PRODUCT | | AFOSR67-0697 |
| SEEDING | | |
| R M H D PLANT COMBUSTION TECHNIQUES AND SEEDING VII TEMPERATURE AND VELOCITY MODULATED R M H D SYSTEMS | | AFOSR68-1179 |
| SEEKING | | |
| QUESTION NEGOTIATION AND INFORMATION SEEKING IN LIBRARIES FINAL REPORT JULY 1967 | | AFOSR67-2365 |
| SEEN | | |
| THE TROUGH SEEN IN HIGH LATITUDE OBSERVATIONS OF THE IONOSPHERIC ELECTRON CONTENT | | AFCL67-0175 |
| SEGMENTED | | |
| A METHOD FOR FITTING LINEARLY SEGMENTED MULTI-LAYER ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER BOUNDARY | | AFCL67-0190 |

SUBJECTS

PERCEPTION OF SEGMENTS OF VCCV UTTERANCES

APCRL67-0287

SEGREGATION

CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED FERRIC OXIDE BY THE FLUX METHOD AND SEGREGATION STUDIES OF IRON AFOSR67-0353

SEISMIC

SEISMIC SPICES FROM THE MARCH 1964 ALASKA EARTHQUAKE

APCRL68-0604

SEISMIC

SEISMIC DIFFRACTION BY CRUSTAL DISCONTINUITIES FINAL REPORT JAN 1967
SEISMIC ANOMALIES IN THE ALPINE ARC FINAL REPORT FEB 1968
SEISMIC BODY WAVES AND SURFACE WAVES
SEISMIC SPICES FROM THE MARCH 1964 ALASKA EARTHQUAKE
SEISMIC EVIDENCE FOR A NEW LAYERED STRUCTURE OF THE EARTH'S CORE
THE SEISMIC MAGNITUDE AND THE COEFFICIENT OF ABSORPTION IN THE IBERIAN PENINSULA REGION /SPANISH/
THE SEISMIC ACTIVITY IN THE CYPRUS AREA
PORTABLE SEISMIC ARRAY SYSTEM
SHORT-PERIOD SEISMIC ENERGY RADIATION PATTERNS FROM UNDERGROUND NUCLEAR EXPLOSIONS AND SMALL-MAGNITUDE EARTHQUAKES
THE ACTIVITY SEISMIC OF THE REGION OF THE PENINSULA IBERICA UP TO YEAR OF 1960 /SPANISH/
SHORT-PERIOD SEISMIC NOISE FINAL REPORT MAY 1968
EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION
EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION FINAL REPORT OCT 1968
LARGE APERTURE SEISMIC TELEMETERING SYSTEM FOR CENTRAL ALASKA
ATTENUATION OF SEISMIC BODY WAVES IN THE MANTLE
THE NEW ENGLAND SEISMIC NETWORK FINAL REPORT OCT 1967
AN INVESTIGATION OF SEISMIC WAVE PROPAGATION IN THE EASTERN UNITED STATES
SITE SELECTION FOR A SEISMIC ARRAY STATION AND CRUSTAL STUDIES IN NORWAY 1966 FINAL REPORT FEB 1967
COLLECTION AND ANALYSIS OF SEISMIC WAVE PROPAGATION DATA
AZIMUTH AND SLOWNESS ANOMALIES OF SEISMIC WAVES MEASURED ON THE CENTRAL CALIFORNIA SEISMOGRAPHIC ARRAY PART II
EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION
EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION FINAL REPORT OCT 1968
THE ELECTRONIC COMPUTER PROGRAM FOR LOCALIZATION OF NEAR SEISMIC IN THE IBERIAN PENINSULA REGION
THE REGION INTERGOVERNMENTAL OF SEISMOLOGY AND INGENIERIA SEISMIC OF THE UNESCO /SPANISH/
DEVELOPMENT OF TECHNIQUES FOR THE DESIGN AND FABRICATION OF SEISMIC MODEL RECEIVING TRANSDUCERS FINAL REPORT DEC 1968
RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC
NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY- WAVE NUMBER SPECTRA OF SEISMIC EVENTS USING LINEAR ARRAYS
RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC

APCRL67-0188
APCRL68-0387
APCRL68-0374
APCRL68-0604
AFOSR67-2115
AFOSR67-1200
AFOSR67-2762
APCRL68-0308
APCRL67-0326
AFOSR67-0560
AFOSR68-1444
APCRL67-0447
APCRL68-0589
AFOSR67-2181
AFOSR67-2880
APCRL67-0549
AFOSR68-1963
AFOSR67-1370
AFOSR67-2773
AFOSR67-0588
APCRL67-0647
APCRL68-0589
AFOSR67-2180
AFOSR67-0589
APCRL68-0680
APCRL68-0583
AFOSR67-1201
APCRL68-0583

SEISMICITY

SEISMICITY IN THE VICINITY OF THE RANAPD FAULT NEW JERSEY-NEW YORK
SEISMICITY AND TECTONICS OF THE NORTHWEST PACIFIC OCEAN
STUDY OF SEISMICITY MECHANICS OF FAULTING AND CRUSTAL STRUCTURE WITHIN THE MOUNTAIN AND ADJOINING PROVINCES
A STUDY OF SEISMICITY ON THE PENINSULA IBERICA AREA
A STUDY OF SEISMICITY ON THE PENINSULA IBERICA AREA FINAL REPORT APRIL 1968
A STUDY OF THE SEISMICITY OF THE CINCINNATI ARCH FINAL REPORT JULY 1967
RESEARCH DIRECTED TOWARD THE STUDY OF SEISMICITY IN THE SOUTHEASTERN UNITED STATES FINAL REPORT JAN 1967

APCRL68-0288
APCRL68-0385
AFOSR67-0829
AFOSR68-1443
AFOSR68-1447
AFOSR67-2082
APCRL67-0049

SEISMOGRAMS

THEORETICAL SEISMOGRAMS OF TORSIONAL DISTURBANCES EXCITED AT A FOCUS WITHIN A HETEROGENEOUS SPHERICAL EARTH - CASE OF

AFOSR68-1429

SEISMOGRAPH

A MOBILE SEISMOGRAPH ARRAY
OPERATION OF A LONG PERIOD SEISMOGRAPH NETWORK UTILIZING MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON
DEVELOPMENT OF A THREE-AXIS LONG-PERIOD SEISMOGRAPH
VARIATIONS IN SPECTRA OF P WAVES RECORDED AT CANADIAN ARCTIC SEISMOGRAPH STATIONS
THE METHOD OF CALCULATION TABLES OF AMPLIFICATION AND AMPLITUDE OF THE MOVEMENTS OF THE EARTH IN CUALQUIER SEISMOGRAPH

AFOSR67-0676
APCRL67-0449
AFOSR68-2152
AFOSR67-0144
AFOSR67-0558

SEISMOGRAPHIC

AZIMUTH AND SLOWNESS ANOMALIES OF SEISMIC WAVES MEASURED ON THE CENTRAL CALIFORNIA SEISMOGRAPHIC ARRAY PART II

AFOSR67-0588

SEISMOLOGICAL

FIRST RESULTS OF SEISMOLOGICAL INVESTIGATION RELATED WITH THE IBERIAN PENINSULA REGION
RECORDING CAPABILITIES OF SOME SPANISH SEISMOLOGICAL STATIONS
NEAR SURFACE DISPERSION STUDIES AT YONTO FOREST SEISMOLOGICAL OBSERVATORY

AFOSR67-0308
AFOSR67-2760
AFOSR67-2090

SEISMOLOGY

SEISMOLOGY AND THE NEW GLOBAL TECTONICS
RESEARCH IN SEISMOLOGY
THE REGION INTERGOVERNMENTAL OF SEISMOLOGY AND INGENIERIA SEISMIC OF THE UNESCO /SPANISH/
RESEARCH IN THEORETICAL AND MODEL SEISMOLOGY FINAL REPORT NOV 1967

APCRL68-0623
AFOSR67-0178
AFOSR67-0599
APCRL67-0600

SEISMOTECTONIC

THE SEISMOTECTONIC REGIME IN GREECE

AFOSR68-0008

SELECT

A SELECT BIBLIOGRAPHY ON STUDENTS POLITICS AND HIGHER EDUCATION

AFOSR68-0870

SELECTED

SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART I-THEORETICAL BACKGROUND AND APPLICATIONS
SELECTED PROGRAMS FOR MANUALLY OPERATED ELECTRONIC DESK CALCULATORS PART II-PROGRAM MANUAL
SELECTED PROBLEMS IN THE THEORY OF ELECTROMAGNETIC RADIATION FINAL REPORT SEPT 1967
A SELECTED PSYCHOLINGUISTIC BIBLIOGRAPHY
LASER DAMAGE A SELECTED LITERATURE SURVEY
STEREO CHEMISTRY OF SELECTED COMPLEXES OF FIRST ROW TRANSITION ELEMENTS
INFRARED RADIANCE OF SELECTED TERRAIN FEATURES AS VIEWED FROM HIGH ALTITUDE
PHYSICAL PROPERTIES OF SELECTED BETA-DIKETONES
THE CRYSTAL CHEMISTRY OF SELECTED ABUNDANT RARE EARTH COMPOUNDS WITH SELENIUM TELLURIUM AND ANTIMONY
ION-MOLECULE REACTIONS IN SELECTED CHLOROCARBON COMPOUNDS
STATISTICAL MECHANICS-A REVIEW OF SELECTED RIGOROUS RESULTS
PRELIMINARY REPORT ON THE THERMODYNAMIC PROPERTIES OF SELECTED LIGHT-ELEMENT AND SOME RELATED COMPOUNDS
EDUCATION FOR POLICY: ROLES IN ANALYSIS OF LECTURERS AND READING MATERIALS AT SELECTED WAR COLLEGES
INVESTIGATION OF ORDERED MAGNETIC STATES AND THEIR CORRELATIONS TO OPTICAL AND ELECTRICAL PROPERTIES OF SELECTED
THE RATE OF CONVERGENCE OF AN ALGORITHM FOR RECOVERING FUNCTIONS FROM NOISY MEASUREMENTS TAKEN AT RANDOMLY SELECTED
SIMULTANEOUS LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE EXTREME-VALUE DISTRIBUTION USING SELECTED

APCRL67-0392
APCRL67-0393
AFOSR67-2352
APCRL68-0605
APCRL67-0137
ARL 68-1046
APCRL67-0448
ARL 67-0189
AFOSR67-2485
ARL 67-1105
AFOSR68-2662
AFOSR67-0891
AFOSR68-0953
APCRL67-0593
AFOSR68-2349
ARL 67-1004

SELECTION

SELECTION RULES AND THE DECOMPOSITION OF THE KRONECKER SQUARE OF IRREDUCIBLE REPRESENTATIONS
SELECTION PROCEDURES BASED ON COVARIANCE MATRICES OF MULTIVARIATE NORMAL POPULATIONS
ON SELECTION AND RANKING PROCEDURES AND ORDER STATISTICS FROM THE MULTINOMIAL DISTRIBUTION
THE SELECTION OF OPTIMUM CONDITIONS FOR SPECTROCHEMICAL METHODS III SENSITIVITY OF ATOMIC FLUORESCENCE ABSORPTION AND
THE SELECTION OF SEQUENCES OF TWO-LEVEL FACTORIAL PLANS
MODE SELECTION PROPERTIES OF A MANY-ELEMENT LASER
SITE SELECTION FOR A SEISMIC ARRAY STATION AND CRUSTAL STUDIES IN NORWAY 1965 FINAL REPORT FEB 1967
INPUT SELECTION FOR PARAMETER IDENTIFICATION IN DISCRETE SYSTEMS
MEASURE SELECTION AND PATTERN RECOGNITION IN THE P-T-G
ON SOME SELECTION AND RANKING PROCEDURES WITH APPLICATIONS TO MULTIVARIATE POPULATIONS
ON A CLASS OF SELECTION AND RANKING PROCEDURES
SOME PROCEDURES FOR SELECTION OF MULTIVARIATE NORMAL POPULATIONS BETTER THAN A CONTROL
ON SOME MULTIPLE DECISION /SELECTION AND RANKING/ RULES
ON THE PROPERTIES OF SUBSET SELECTION PROCEDURES
THE DIVERGENCE AND BHATTACHARYA DISTANCE MEASURES IN SIGNAL SELECTION
SOME DISTRIBUTION-FREE STATISTICS AND THEIR APPLICATION TO THE SELECTION PROBLEM

AFOSR66-2132
ARL 67-1271
ARL 67-1306
AFOSR67-1920
ARL 67-0813
AFOSR67-0806
AFOSR67-1370
AFOSR66-0866
AFOSR66-0184
ARL 67-1304
ARL 66-1454
ARL 67-0080
ARL 67-0257
ARL 66-0272
AFOSR67-1048
AFOSR66-2783

SELECTIVE

SELECTIVE ENHANCEMENT IN HYDROGEN-LIKE MOLECULES WITH THE RARE GASES H₂ AND AR AND KR
SELECTIVE ATTENTION
SELECTIVE PROTECTION OF 5-HYDROXYTRYPTAMINE STORES AGAINST THE ACTION OF RESERPINE BY TREATMENT WITH
SELECTIVE EXCITATION SPECTROSCOPY FINAL REPORT JULY 1966
INTEGRATED SELECTIVE AMPLIFIERS USING FREQUENCY TRANSLATION
PHYSIOLOGICAL EFFECTS OF SELECTIVE PHARMACOLOGICAL INACTIVATION OF THE BRAIN STEM AN EXPERIMENTAL STUDY
NEUTRONIC AS A TOOL FOR SELECTIVE PROTECTION OF CATECHOLAMINE STORES AGAINST RESERPINE
THE CHEMISTRY OF CARBANIONS X THE SELECTIVE ALKYLATION OF UNSYMMETRICAL KETONES
LOCALIZED DIAGNOSTIC POSSIBILITIES OF SELECTIVE EXCITATION SPECTROSCOPY
DESIGN OF INTEGRALLY DESENSITIZED FREQUENCY SELECTIVE AMPLIFIERS
THE APPLICATION OF A POSITIVE IMPEDANCE INVERTER TO THE DESIGN OF INTEGRATED SELECTIVE FILTERS

AFOSR67-0040
AFOSR67-1814
AFOSR66-0606
AFOSR66-1922
AFOSR67-0339
AFOSR67-0573
AFOSR66-2710
AFOSR67-1423
AFOSR67-1422
AFOSR67-0331
AFOSR66-0089

SELECTIONS

CONSTRUCTION OF SLOTTED DISKS FOR MECHANICAL VELOCITY SELECTORS USING ELECTRIC DISCHARGE MACHINING

AFOSR67-2264

SELENIDE

ELECTRON RADIATION DAMAGE IN CADMIUM SLENIDE CRYSTALS
LOW TEMPERATURE SPECIFIC HEAT OF EUROPIUM SELENIDE

ARL 67-1330
AFOSR66-0168

SELENIUM

ION RADICALS FROM ORGANIC SULFUR SELENIUM TELLURIUM AND PHOSPHORUS COMPOUNDS FINAL REPORT FEB 1966
ON THE NATURE OF CHARGE-CARRIERS IN LIQUID SELENIUM CONTAINING CHLORINE
THE CRYSTAL CHEMISTRY OF SELECTED ARSURE RARE EARTH COMPOUNDS WITH SELENIUM TELLURIUM AND ANTIMONY
EXCITED-STATE WAVEFUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS IN SELENIUM

AFOSR66-0392
AFOSR67-1311
AFOSR67-2485
AFOSR66-1561

SELF

SELF-MODULATING DERIVATIVE OPTICAL SPECTROSCOPY PART II EXPERIMENTAL
SELF-CONSISTENT OPW ENERGY BAND CALCULATIONS
SELF-CONSISTENT OPW BAND CALCULATIONS WITH SPECIAL COMMENTS ON SATURATED EARTH PLUGS
TABLE OF HARTREE-POCK SELF-CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT III FINAL REPORT JAN 1967
TABLE OF HARTREE-POCK SELF-CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT IV FINAL REPORT FEB 1968
AN INEQUALITY FOR THE EIGENVALUES OF A CLASS OF SELF-ADJOINT OPERATORS
PLASMA ACCELERATION IN AN ELECTRICAL DISCHARGE BY THE SELF-INDUCED MAGNETIC FIELD

AFOSR67-1656
ARL 66-1425
ARL 66-1456
ARL 67-0014
ARL 66-0026
AFOSR67-2734
ARL 67-0245

SELF-ABSORBING

SPATIAL RESOLUTION OF EMISSION AND ABSORPTION COEFFICIENTS IN SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY
SPATIAL RESOLUTION OF THE VOLUME EMISSION COEFFICIENT IN STRONGLY SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY

ARL 67-0279
ARL 66-0174

SELF-ADJOINTNESS

THE SELF-ADJOINTNESS FOR LAGRANGIAN SYSTEMS

AFOSR66-1903

SELF-CONSISTENT

SELF-CONSISTENT SOLUTION OF NONLINEAR PROBLEMS IN UNSTEADY RADIATION GASDYNAMICS
SELF-CONSISTENT APPROXIMATIONS FOR THE RESONANT RESPONSE OF MAGNETIC IONS IN METALS
SELF-CONSISTENT TREATMENT OF THE KNOX EFFECT
SELF-CONSISTENT OPW CALCULATION OF GASES USING BOTH SLATERS AND KOHN-SHAMS APPROXIMATIONS FOR THE EXCHANGE POTENTIAL
CONVERGENCE STUDY OF A SELF-CONSISTENT ORTHOGONALIZED-PLANE-WAVE BAND CALCULATION FOR HEXAGONAL CDS FINAL REPORT JAN
ENERGY BAND STRUCTURE OF CDS USING SELF-CONSISTENT OPW AND PSEUDOPOTENTIAL METHODS

AFOSR67-2454
AFOSR66-0273
AFOSR66-1714
ARL 66-1461
ARL 66-0007
ARL 67-0081

SELF-CONSISTENT-FIELD

RAPIDLY ROTATING STARS I THE SELF-CONSISTENT-FIELD METHOD
CALCULATION OF ELECTRON SHAKE-OFF FOR ELEMENTS FROM Z EQUAL WITH THE USE OF SELF-CONSISTENT-FIELD WAVE FUNCTIONS

AFOSR66-1033
AFOSR66-2447

SELF-DIFFUSION

SELF-DIFFUSION IN TIN AT HIGH PRESSURE
SELF-DIFFUSION ON NEARLY PURE METALLIC SURFACES
SELF-DIFFUSION IN NEAR-EQUIATOMIC ORDERED GOLD-CADMIUM ALLOYS
SELF-DIFFUSION IN SIMPLE LIQUIDS THE LINEAR TRAJECTORY APPROXIMATION
SELF-DIFFUSION IN LIQUID METALS
SELF-DIFFUSION IN NEAR EQUI-ATOMIC ORDERED ALLOYS
SELF-DIFFUSION OF RADIOACTIVE TRACERS ACROSS DISCONTINUOUS SURFACES
A COMMENT ON SELF-DIFFUSION IN LIQUID METALS
A COMMENT ON SELF-DIFFUSION IN LIQUID METALS

AFOSR67-0056
AFOSR67-0084
AFOSR67-1171
AFOSR67-2772
AFOSR66-0056
ARL 67-1153
ARL 66-1334
AFOSR66-0047
AFOSR66-0059

SELF-ENERGY

SELF-ENERGY CONSIDERATIONS IN GENERAL RELATIVITY AND THE EXACT FIELDS OF CHARGE AND MASS DISTRIBUTIONS

AFOSR67-2683

SELF-EVALUATION

INDIVIDUAL PERFORMANCE AND SELF-EVALUATION AS A FUNCTION OF LEVEL OF TEAM OUTPUT FINAL REPORT SEPT 1967

AFOSR67-2494

SELF-EXCITED

DESIGN AND EVALUATION OF A RADIO FREQUENCY PLASMA SOURCE / PART I / SELF-EXCITED OSCILLATOR

ARL 67-0281

| | |
|---|--|
| SELF-FIELD | |
| SELF-FIELD LIMITING OF JOSEPHSON TUNNELING OF SUPERCONDUCTING ELECTRON PAIRS | AFOSR67-0170 |
| SELF-GRAVITATING | |
| ON THE MAGNETOSPHERES OF SELF-GRAVITATING BODIES | AFOSR67-1252 |
| SELF-INDUCED | |
| THEORY OF SELF-INDUCED STRONG INTERACTIONS
INTERACTION OF AN HIGH CURRENT ELECTRICAL DISCHARGE WITH ITS SELF-INDUCED MAGNETIC FIELD IN THE PRESENCE OF GAS FLOW | AFOSR68-0875
ARL 67-0007 |
| SELF-INVERSIVE | |
| SELF-INVERSIVE FUNCTIONS | ARL 68-1255 |
| SELF-LOCKING | |
| SELF-LOCKING OF MODES IN THE ARGON-ION LASER | AFOSR67-1277 |
| SELF-REPRODUCTION | |
| AN AXIOMATIC EXPLANATION OF COMPLETE SELF-REPRODUCTION | AFOSR68-2579 |
| SELF-STIMULATION | |
| BIOPHYSICS OF INTRACRANIAL SELF-STIMULATION FINAL REPORT NOV 1967 | ARL 67-0025 |
| SELFADJOINT | |
| ON THE PROJECTION OF A SELFADJOINT OPERATOR | AFOSR68-1024 |
| SEMANTIC | |
| A SEMANTIC ANALYSIS OF ENGLISH LOCATIVE PREPOSITIONS
COMPUTABLE SEMANTIC DERIVATIONS AND THEIR APPLICATION TO NATURAL LANGUAGE TEXTS/
WORD STATISTICS IN THE GENERATION OF SEMANTIC TOOLS FOR INFORMATION SYSTEMS
PREDICATION - TRYING A PILOT STUDY IN SEMANTIC ANALYSIS | AFCL68-0056
AFOSR68-0706
AFOSR68-0237
AFOSR68-0765 |
| SEMI-ANALYTIC | |
| SEMI-ANALYTIC APPROACH TO ROOT LOCUS | AFOSR67-0463 |
| SEMI-AUTOMATED | |
| CRT-AIDED SEMI-AUTOMATED MATHEMATICS FINAL REPORT JAN 1967 | APCHL67-0167 |
| SEMI-BUREAUCRAT | |
| FROM REVOLUTIONARY TO SEMI-BUREAUCRAT THE REGULARISATION OF CADRES | AFOSR68-0703 |
| SEMI-GROUPS | |
| NORMS AND SEMI-GROUPS IN THE THEORY OF FADING MEMORY | AFOSR67-0840 |
| SEMI-INFINITE | |
| WAVES IN A SEMI-INFINITE PLATE IN SMOOTH CONTACT WITH A HARMONICALLY DISTURBED HALF-SPACE
SOME THERMODYNAMIC PROPERTIES OF A SEMI-INFINITE HEISENBERG FERROMAGNET
SCATTERING OF ELECTROMAGNETIC WAVES BY A SEMI-INFINITE METAL PLATE IN ANISOTROPIC PLASMA | AFOSR68-2255
AFOSR68-0934
AFOSR67-0291 |
| SEMI-INVARIANTS | |
| SEMI-INVARIANTS IN IRREVERSIBLE STATISTICAL MECHANICS | AFOSR68-1027 |
| SEMI-MARKOV | |
| ON THE DISTRIBUTION OF THE MAXIMUM OF A SEMI-MARKOV PROCESS | AFOSR68-2787 |
| SEMI-MECHANIZED | |
| COMPOSITION COPYING AND SEMI-MECHANIZED FILING AND SEARCHING DEVICES | AFOSR67-2003 |
| SEMI-SIMPLE | |
| INHOMOGENIZATIONS OF SEMI-SIMPLE LIE ALGEBRAS | AFOSR67-0540 |
| SEMIANNUAL | |
| CONSOLIDATED SEMIANNUAL PROGRESS REPORT NO 5
CONSOLIDATED SEMIANNUAL PROGRESS REPORT | AFOSR67-1967
AFOSR68-2193 |
| SEMI-AUTOMATA | |
| DECOMPOSITION THEORY OF SEMIAUTOMATA AND AUTOMATA FINAL REPORT DEC 1967 | AFCL67-0686 |
| SEMICIRCULAR | |
| SEMICIRCULAR CANAL AND OTOLITHIC ORGAN FUNCTION IN FREE SWIMMING FISH FINAL REPORT SEPT 1968 | AFOSR68-2150 |
| SEMICLASSICAL | |
| SEMICLASSICAL THEORY OF THE EFFECTS OF INTERNAL MOTIONS ON THE LINEWIDTHS IN ELECTRON SPIN RESONANCE SPECTRA | AFOSR68-0368 |
| SEMICONDUCTING | |
| SEMICONDUCTING PROPERTIES OF CUPROUS OXIDE AND RELATED RESEARCH FINAL REPORT OCT 1967
VAPOR-SOLVENT GROWTH OF SEMICONDUCTING CRYSTALS FINAL REPORT MAY 1968
NUCLEAR SPIN-LATTICE RELAXATION IN SEMICONDUCTING CADMIUM SULFIDE
OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS
OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS
LATTICE PARAMETERS AND GROWTH CHARACTERISTICS OF SOME II-VI SEMICONDUCTING COMPOUNDS | AFOSR68-0030
AFOSR68-2887
ARL 68-1424
ARL 68-0130
ARL 68-0184
ARL 68-0252 |
| SEMICONDUCTION | |
| PURITY-PROPERTY RELATIONSHIPS IN ORGANIC SEMICONDUCTION FINAL REPORT APR 1964 | AFCL68-0181 |

SEMINAR

- CONTINUED

VISTAS IN SCIENCE THE THIRTEENTH APOSR SCIENCE SEMINAR ALBUQUERQUE NEW MEXICO JUNE 1968 THE UNIVERSITY OF NEW MEXICO APOSR68-2760
 SCIPNCC IN THE SIXTIES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 10TH CLOUDCROFT NEW MEXICO JUNE 1968 APOSR68-2364
 JOURNEYS IN SCIENCE SMALL STEPS--GREAT STRIDES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 12TH APOSR68-2368

SENIQUINONES

ELECTRON SPIN RESONANCE OF SENIQUINONES SPIN-DENSITY DISTRIBUTION AND CARBOXYL SIGMA-PI PARAMETERS APOSR68-0380

SENSE

INHOMOGENEOUS COMPLETION OF NON-COMPACT SENSIBLE GROUPS WITH THE MAXIMAL COMPACT SUBGROUP AS LITTLE GROUP APOSR67-0473

SENSE

MAROV CHAINS RECURRENT IN THE SENSE OF HARRIS APOSR67-1866
 THE STUDY OF COMPLIMENTARY POLYNOMIALS IN A NETWORK SENSE AFCL67-0376

SENSES

THE INTERRELATION OF THE CHEMICAL SENSES APOSR67-2351

SENSING

ODOR SENSING CELL ULTRASTRUCTURE BY ELECTRON MICROSCOPY FINAL REPORT OCT 1967 APOSR68-0035
 POSITIVE ION SENSING SYSTEM FOR THE MEASUREMENT OF SPACECRAFT PITCH AND YAW AIR FORCE D-10 EXPERIMENT FLOWN ON GEMINI AFCL67-0158
 STRATOSPHERIC HUMIDITY SENSING WITH THE ALPHA RADIATION HYGROMETER AFCL67-0604

SENSITIVE

STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT NOV 1967 APOSR67-2790
 RAPID AND SENSITIVE DETECTION OF BACTERIA BY GAS CHROMATOGRAPHY APOSR68-2177
 STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT AUG 1968 APOSR68-2741
 TEMPERATURE SENSITIVE DUCTILITY IN FACE CENTERED CUBIC COPPER ALLOYS AFRL 67-0082
 INTERFERENCE PHOTOCATHODE SENSITIVE TO MULTIPLE BANDS ARL 67-1139
 AMPLITUDE LIMITING APPLIED TO A SENSITIVE CORRELATION DETECTOR APOSR68-0964
 SYNCHRONOUS DETECTION VS PULSE COUNTING FOR SENSITIVE PHOTOMULTIPLIER DETECTION SYSTEMS APOSR68-2117
 A COMPARISON OF THE CONVERSION EFFICIENCY OF NEAR-INFRARED SENSITIVE PHOTOGRAPHIC FILMS WITH THAT OF STANDARD. ARL 68-0256

SENSITIVITIES

ON THE COMPARISON OF THE SENSITIVITIES OF OPEN-LOOP AND CLOSED-LOOP OPTIMAL CONTROL SYSTEMS APOSR68-1946
 THRESHOLD EXPOSURE OF PHOTOGRAPHIC FILM AND A COMPARISON BETWEEN THE SENSITIVITIES OF FILM AND IMAGE INTENSIFIER- FILM ARL 68-0255

SENSITIVITY

SENSITIVITY OF DISCRETE SYSTEMS TO VARIATION OF SAMPLING INTERVAL APOSR67-0483
 SENSITIVITY ANALYSIS OF DISCRETE FILTERING AND SMOOTHING ALGORITHMS APOSR68-2045
 SENSITIVITY AND STABILITY ANALYSIS ON A FINITE TIME INTERVAL APOSR68-2539
 HIGH SENSITIVITY COULOMETRIC ANALYSIS IN ACETONITRILE APOSR68-1946
 MULTIMODAL SENSITIVITY OF TASTE UNITS IN THE RAT APOSR67-2385
 ACCURACY AND SENSITIVITY OF THE THERMAL LENS METHOD FOR MEASURING ABSORPTION APOSR67-2064
 SEVERAL HIGH SENSITIVITY RADIO-FREQUENCY DETECTORS FOR PERMANENT GAS ANALYSIS APOSR68-0353
 MULTIPARAMETER SENSITIVITY IN ACTIVE RC INTEGRATED CIRCUITS AFCL67-0067
 NETWORK SYNTHESIS AND SENSITIVITY RESEARCH FINAL REPORT SEPT 1967 AFRL 67-0221
 LARGE AND SMALL SCALE SENSITIVITY ANALYSIS OF OPTIMUM ESTIMATION ALGORITHMS APOSR68-2027
 PIGMENT MIGRATION AND ANGULAR SENSITIVITY APOSR68-0696
 APPLICATION OF GAME THEORY TO THE SENSITIVITY DESIGN OF OPTIMAL SYSTEMS APOSR67-1517
 ADAPTIVE SAMPLING BASED AMPLITUDE SENSITIVITY APOSR67-0652
 A PROBABILISTIC APPROACH TO THE PARAMETER SENSITIVITY PROBLEM APOSR68-0227
 A DISTRIBUTIONAL APPROACH TO TIME-VARYING SENSITIVITY APOSR68-0610
 PIGMENT MIGRATION LIGHT SCREENING AND RECEPTOR SENSITIVITY IN THE COMPOUND EYE OF NOCTURNAL LEPIDOPTERA AFRL 67-0088
 DESIGN OF ADAPTIVE CONTROL SYSTEMS THROUGH UTILIZATION OF SENSITIVITY CONCEPTS APOSR68-0095
 THE SELECTION OF OPTIMUM CONDITIONS FOR SPECTROCHEMICAL METHODS III SENSITIVITY OF ATOMIC FLUORESCENCE ABSORPTION AND APOSR67-1920
 OPTIMIZATION OF THE CRITICAL INSTRUMENTAL PARAMETERS FOR ACHIEVING MAXIMUM SENSITIVITY AND PRECISION IN APOSR68-0354
 VERY LOW FREQUENCY INTEGRATING VIBRATING SAMPLE MAGNETOMETER (VLSVM) WITH HIGH DIFFERENTIAL SENSITIVITY IN HIGH DC APOSR68-0822
 INDUCTION OF UNRESPONSIVENESS TO A SYNTHETIC ANTIGEN CAPABLE OF PROVOKING EXCLUSIVELY DELAYED-TYPE SENSITIVITY IN APOSR68-0535
 PHYSICAL ASPECTS AND PARAMETERS OF THE PHOTOGRAPHIC PROCESS AND THEIR IMPLICATIONS WITH RESPECT TO SENSITIVITY AND ARL 68-0259

SENSITIZATION

TRIPLET-STATE YIELD OF FLUOROBENZENE BY THE SENSITIZATION OF THE ISOMERIZATION OF CIS-MUTENE-2 APOSR67-1497

SENSITIZED

SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS IN ENERGY TRANSFER IN COLLISIONS BETWEEN SODIUM AND INERT GAS ATOMS APOSR67-2884
 SENSITIZED DECOMPOSITION OF KRYPTOCYANINE ARL 67-1162
 INELASTIC COLLISIONS BETWEEN EXCITED ALKALI ATOMS AND MOLECULES I SENSITIZED FLUORESCENCE AND QUENCHING IN C6-H6 APOSR67-1184

SENSOR

SINGLE-BEAM-LASER ROTATION-RATE SENSOR APOSR67-1791
 THE MALLUPE A RETARDATION DEVICE AND WIND SENSOR AFCL67-0659
 DETERMINING THE DEGREE OF AMBIGUITY IN FROST POINT TEMPERATURES AS MEASURED BY AN OPTICAL DEW POINT SENSOR AFCL67-0147

SENSORS

SEMICONDUCTOR MECHANICAL SENSORS APOSR68-2638
 PERFORMANCE OF THIN FILM HUMIDITY SENSORS AFCL67-0543
 RESEARCH IN THE DESIGN DEVELOPMENT AND CONSTRUCTION OF NON-MAGNETIC SENSORS FOR MAGNETIC FIELD-CHARGED PARTICLE APOSR68-0585

SENSORY

SENSORY CONTRAST EFFECTS IN THE JUDGMENT OF LIFTED WEIGHTS APOSR67-0268
 SENSORY PROPERTIES OF SHIP UNITS IN THE TECTON OF THE PROG FINAL REPORT AUG 1967 APOSR67-2781
 PROCESSING OF SENSORY VISUAL INFORMATION FINAL REPORT JAN 1967 APOSR67-0403
 NEURAL ORGANIZATION OF SENSORY INFORMATION FOR TASTE APOSR67-2381
 INFLUENCE OF HEDONIC FACTORS ON SENSORY DISCRIMINATION FINAL REPORT JULY 1968 APOSR68-1655
 STUDIES OF ARTIFICIALLY DISTURBED SENSORY COORDINATION IN MAN FINAL REPORT MAY 1967 APOSR67-1548
 REINNERVATION OF SMOOTH AND STRIATED MUSCLE BY SENSORY NERVE FIBERS APOSR68-0704
 BODY AND FINGR PERCEPTUAL DIMENSION AND ALTERED SENSORY ENVIRONMENTS APOSR67-0810
 NEUROPHYSICAL AND ELECTROPHYSIOLOGICAL STUDIES OF SENSORY MECHANISMS FINAL REPORT DEC 1968 APOSR68-2769

SENTENCE

SENTENCE LENGTH AND SENTENCE RETENTION IN THE FREE-LEARNING SITUATION APOSR67-2735
 AUTOMATIC ENGLISH SENTENCE ANALYSIS FINAL REPORT MAY 1967 APOSR67-1897

SENTENCE - CONTINUED

SENTENCE LENGTH AND SENTENCE RETENTION IN THE PRE-LEARNING SITUATION
GRAMMATICAL FACTORS IN SENTENCE RETENTION

AFOSR67-2235
AFOSR67-1826

SENTENCES

ON THE REPRESENTATION OF LIMITED INFORMATION BY MEANS OF PICTURES TREES AND ENGLISH-LIKE SENTENCES

AFOSR68-1363

SEPARABLE

SCATTERING FROM A SEPARABLE NON-LOCAL POTENTIAL

AFOSR68-0909

SEPARATED

SUPERSONIC SEPARATED FLOW DOWNSTREAM OF A BACKWARD FACING STEP
SERIES OF LECTURES ON SEPARATED FLOWS/ VON KARMAN INSTITUTE FOR FLUID DYNAMICS, BRUSSELS, BELGIUM, PART I / EXACT
VISCOSUS EFFECTS AND HEAT TRANSFER IN SEPARATED FLOWS
TUNNELING BETWEEN A METAL AND SILICON SEPARATED BY A POLYMER INSULATOR
HEAT TRANSFER IN THE LAMINAR SUPERSONIC SEPARATED FLOW BEHIND AN AXISYMMETRICAL BACKWARD FACING STEP
EFFECT OF SURFACE ROUGHNESS ON AXISYMMETRICAL LAMINAR SEPARATED FLOWS AT M EQUALS 5.0
LAMINAR AND TRANSITIONAL HEAT TRANSFER IN THE TWO DIMENSIONAL SEPARATED FLOW BEHIND A SHARP PROTRUDING LEADING EDGE
LEADING-EDGE BLUNTNESS AND BOUNDARY-LAYER DISPLACEMENT EFFECTS ON ATTACHED AND SEPARATED LAMINAR BOUNDARY LAYERS IN A
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF MASS TRANSFER ON A WEDGE INDUCED LAMINAR SEPARATED BOUNDARY LAYER AT

AFOSR67-2592
ARL 67-1208
AFOSR68-1357
AFOSR67-0607
ARL 68-0218
AFOSR68-2988
ARL 68-0015
ARL 68-1001
ARL 68-0067
ARL 68-0189
ARL 67-0169

SEPARATION

SEPARATION OF ZEROS OF THE RIEMANN ZETA-FUNCTION
SEPARATION OF DIRECT AND COMPOUND EFFECTS BY POLARIZATION MEASUREMENTS
SEPARATION AND STALL OF AN IMPULSIVELY STARTED ELLIPTIC CYLINDER
LAMINAR SEPARATION IN SUPERSONIC AND HYPERSONIC FLOWS FINAL REPORT SEPT 1966
LAMINAR SEPARATION IN HYPERSONIC FLOWS FINAL REPORT SEPT 1967
SUPERSONIC FLOW SEPARATION ON A BACKWARD FACING STEP
DENSITY GRADIENT SEPARATION OF SARCOBUTULAR VESICLES AND OTHER PARTICULATE CONSTITUENTS OF RABBIT MUSCLE
HYPERSONIC LAMINAR SEPARATION IN MINUTELY BLUNTED CONES IN SLIP FLOW
GAS CHROMATOGRAPHIC SEPARATION OF CARBONYL FLUORIDE AND CARBON DIOXIDE
GAS CHROMATOGRAPHIC SEPARATION OF LOW MOLECULAR WEIGHT FLUOROCARBONS
MICROSCOPIC PARTICLE SEPARATION AND APPLICATIONS FINAL REPORT FEB 1968
MICROSCOPIC PARTICLE SEPARATION AND APPLICATION
INVESTIGATION OF FLOW SEPARATION OVER A REARWARD-FACING STEP IN A HYPERSONIC STREAM
BASIC RESEARCH ON THE SEPARATION OF SCANDIUM, YTTRIUM, AND THE RARE EARTHS BY SOLVENT EXTRACTION FINAL REPORT DECEMBER
LAMINAR BOUNDARY-LAYER SEPARATION AND REAR-WAKE FLOW FOR A SMOOTH BLUNT BODY AT SUPERSONIC AND HYPERSONIC SPEEDS
PREDICTION OF INCIDENT SEPARATION IN SHOCK-LAYER INTERACTIONS
ELIMINATION OF BOUNDARY-LAYER SEPARATION BY SLOT SUCTION
CAVITY REACTOR WITH TWO STAGE SEPARATION
WALL TEMPERATURE EFFECT ON INCIDENT SEPARATION FINAL REPORT JAN 1967
SOLUTIONS OF LAMINAR BOUNDARY EQUATIONS WITH EMPHASIS ON SEPARATION, PART I - EXACT METHODS, PART II - INTEGRAL
AN INVESTIGATION OF THE EFFECT OF SUCTION ON HYPERSONIC LAMINAR BOUNDARY-LAYER SEPARATION
MEASUREMENTS OF G J RATIOS FOR R887 HYDROGEN AND DEUTERIUM AND OF THE HYPERFINE SEPARATION OF DEUTERIUM
PRESSURE DISTRIBUTION ON A CONE-CYLINDER-PLATE BODY AT MACH 14 IN THE PRESENCE OF FLOW SEPARATION FINAL REPORT FEB

AFOSR67-2122
AFOSR68-0903
AFOSR68-1354
AFOSR67-0615
AFOSR68-0231
AFOSR67-0656
AFOSR68-1683
AFOSR67-1507
AFOSR68-0461
AFOSR68-1199
ARL 68-0024
ARL 68-1400
ARL 68-0080
ARL 68-0210
AFOSR67-2448
ARL 67-0091
ARL 68-1116
ARL 68-1395
ARL 68-0011
ARL 67-0273
ARL 68-0054
AFOSR68-2798
ARL 68-0032

SEPARATIONS

THERMOGRAVIMETRIC ANALYSES AND VAPOR PHASE SEPARATIONS OF VOLATILE METAL COMPLEXES

ARL 68-1050

SEPARATION

FIELD TESTING THE ARL DUST SEPARATOR
CAVITY REACTOR WITH EXTERNAL SEPARATOR

ARL 67-1255
ARL 68-1388

SEPARATORS

A REVIEW OF THE STATE OF THE ART OF CYCLONE-TYPE SEPARATORS FINAL REPORT MARCH 1967

ARL 67-0047

SEPTAL

ALTERATIONS IN SODIUM CHLORINE AND WATER INTAKE AFTER SEPTAL LESIONS IN THE RAT
STUDIES ON THE NEUROVEGETATIVE AND BEHAVIORAL FUNCTIONS OF THE BRAIN SEPTAL AREA

AFOSR68-0416
AFOSR68-0415

SEQUENCE

SEQUENCE PEPTIDE POLYMERS II POLY GLU /OH/ GLY POLY GLU /OH/ - SER /H/ -GLY AND THEIR BENZYL ESTERS
SEQUENCE PEPTIDE POLYMERS I POLYMERS BASED ON ASPARTIC ACID AND GLYCINE
THE EARTHQUAKE SEQUENCE OF SEPTEMBER 1965 NEAR ANTIOCH CALIFORNIA
AN EVOLUTIONARY SEQUENCE FOR STRONG RADIO SOURCES
AN OPTICALLY PURE SEQUENCE PEPTIDE POLY GLY PHE
ORGANOLITHIUM COMPOUNDS AND ACETYLENES IV SEQUENCE OF ADDITION-METALATION IN THE REACTION OF ORGANOLITHIUM COMPOUNDS
TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE ALPHA CHAIN OF RABBIT HEMOGLOBIN
LOVE SAYS SPECTRA AND THE MECHANISM OF THE 1966 PARKFIELD SEQUENCE
THE FOCAL MECHANISM OF THE ALASKA EARTHQUAKE OF MARCH 28 1964 AND OF ITS AFTERSHOCK SEQUENCE

AFOSR67-1037
AFOSR67-1078
AFOSR67-0888
AFOSR68-1091
AFOSR67-0537
AFOSR68-2086
AFOSR67-1631
AFOSR68-1432
AFOSR67-0023

SEQUENCES

SEQUENCES OF FRACTIONAL FACTORIAL PLANS FINAL REPORT NOVEMBER 1966
AFTERSHOCK SEQUENCES OF SOME LARGE EARTHQUAKES IN THE REGION OF GREECE
THE SELECTION OF SEQUENCES OF TWO-LEVEL FRACTIONAL FACTORIAL PLANS
THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS OF BEST APPROXIMATION III
ON THE CONVERGENCE OF SEQUENCES OF RATIONAL FUNCTIONS
THE DEGREE OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS
THE DEGREE OF CONVERGENCE OF SEQUENCES OF LINEAR POSITIVE OPERATORS
THE CATEGORIZATION AND EVALUATION OF SEQUENCES OF TWO-LEVEL FRACTIONAL FACTORIAL PLANS
LOWER ORDER LINEAR FILTERING AND PREDICTION OF NONSTATIONARY RANDOM SEQUENCES FINAL REPORT FEB 1967
A CLASS OF NONLINEAR ERROR-CORRECTING CODES BASED UPON INTERLEAVED TWO-LEVEL SEQUENCES

ARL 68-0202
AFOSR68-0007
ARL 67-0013
AFOSR68-1066
AFOSR68-0373
ARL 68-0176
ARL 68-1259
ARL 68-1290
ARL 67-0003
AFOSR67-2740

SEQUENTIAL

SEQUENTIAL EQUIVALENTS OF PARALLEL PROCESSES
SEQUENTIAL BOOLEAN EQUATIONS
SEQUENTIAL DECAY THEORY AND SEQUENTIAL TRANSITIONS
ON SEQUENTIAL DECODING
LINEAR SEQUENTIAL CIRCUITS ANALYSIS SYNTHESIS AND APPLICATIONS
ON BAYES SEQUENTIAL DESIGN WITH TWO RANDOM VARIABLES
SATURATED SEQUENTIAL FACTORIAL DESIGNS
STUDIES OF SEQUENTIAL DETECTION SYSTEMS WITH UNCERTAINTY FEEDBACK
A CLASS OF SEQUENTIAL MULTIPLE DECISION PROCEDURES
RESEARCH IN SEQUENTIAL FACTORIAL DESIGNS FINAL REPORT JULY 1967

AFOSR67-0755
AFOSR68-0651
AFOSR68-1058
AFOSR67-0176
AFOSR68-0036
AFOSR67-0758
ARL 68-0310
AFOSR68-2450
ARL 68-1476
ARL 67-0141

SEQUENTIAL

- CONTINUED

THE THEORY OF SEQUENTIAL RELATIONS
ANALOGIES TO SEQUENTIAL AND CONFORMATIONAL DETERMINANTS
IDENTIFICATION OF SEQUENTIAL AUDITORY AND VISUAL STIMULI
APPLICATION OF THE SEQUENTIAL LIGHT AMPLIFIER TO ASTRONOMY AND RELATED PROBLEMS FINAL REPORT AUG 1967
LOGIC FUNCTIONS AND SEQUENTIAL MACHINES
ON THE STRUCTURE OF SEQUENTIAL MACHINE REALIZATIONS
SYNTHESIS OF LINEAR SEQUENTIAL CIRCUITS FROM INPUT-OUTPUT RELATIONS
PERIODIC DECOMPOSITION OF SEQUENTIAL MACHINES
OPTIMAL SIGNAL DESIGN FOR SEQUENTIAL SIGNALING OVER A CHANNEL FEEDBACK
SEQUENTIAL DECAY THEORY AND SEQUENTIAL TRANSITIONS
HAZARDS IN COMBINATIONAL AND SEQUENTIAL SWITCHING CIRCUITS A SURVEY
STUDY OF MODULAR SYNTHESIS OF SEQUENTIAL MACHINES FINAL REPORT AUG 1967
ABSTRACT LOGICAL SYSTEMS AS SEQUENTIAL MACHINES III SOME ALGEBRAIC ASPECTS
ABSTRACT LOGICAL SYSTEMS AS SEQUENTIAL MACHINES OF MAXIMAL REVERSIBILITY
ON SHIFT-REGISTER REALIZATIONS OF SEQUENTIAL MACHINES
ON THE EQUIVALENCE OF FINITE-STATE SEQUENTIAL MACHINE MODELS
UNITARY-SHIFT-REGISTER REALIZATIONS OF SEQUENTIAL MACHINES
CLASSIFICATION AND ENUMERATION OF AUTONOMOUS SEQUENTIAL MACHINES
A COMPUTER PROGRAM FOR DISCOVERING AND PROVING SEQUENTIAL RECOGNITION RULES FOR WELL-FORMED FORMULAS DEFINED BY A
A REMARK ON DETERMINING THE NUMBER OF STATES OF A SEQUENTIAL MACHINE

AFOSR68-0323
AFOSR68-2701
AFOSR67-1815
ARL 67-0165
AFOSR67-0867
AFOSR67-1766
AFOSR68-2057
AFOSR68-1947
AFOSR68-1975
AFOSR68-1
AFOSR68-0370
AFCHL67-0486
AFOSR67-0901
AFOSR67-0912
AFOSR67-0422
AFOSR68-2104
AFOSR68-1807
AFOSR67-1412
AFOSR67-0250
AFOSR68-2102

SERIAL

PARALLEL VERSUS SERIAL PROCESSES IN MULTIDIMENSIONAL STIMULUS DISCRIMINATION
ERROR DETECTING AND ERROR CORRECTING INDEXING SYSTEMS FOR LARGE SERIAL NUMBERS

AFOSR67-1105
AFOSR67-1109

SERIF

RADICALES LIBRES INERTES PERCLORADOS DE LA SERIE DEL DIFENILMETANO
 MONO Y BIRRADICALES LIBRES INERTES PERCLORADOS DE LA SERIE DEL TRIFENILMETANO

ARL 67-1096
ARL 67-1095

SERIES

SERIES REPRESENTATIONS OF DISTRIBUTIONS OF QUADRATIC FORMS IN NORMAL VARIABLES II NON-CENTRAL CASE
SERIES OF LECTURES ON SEPARATED FLOWS/ VON KARMAN INSTITUTE FOR FLUID DYNAMICS, BRUSSELS, BELGIUM, PART I / EXACT
SERIES EXPANSIONS FOR THE INCOMPLETE GAMMA FUNCTION AND ITS DERIVATIVES
TIME SERIES WITH PERIODIC STRUCTURE
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 3 BOUNDARY VALUE PROBLEMS
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 4 DIFFERENTIAL OPERATORS
FOURIER SERIES ON THE RING OF INTEGERS IN A P-SERIES FIELD
DISCRETE SERIES FOR THE UNIVERSAL COVERING GROUP OF THE 3 PLUS 2 DE SITTER GROUP
A FOURIER SERIES METHOD FOR MICROGRAPHIC AND ENTIRE FUNCTIONS
CONVERGENCE OF THE SERIES EXPANSION FOR THE THOMAS-FERMI FUNCTION
THEORY OF RANDOM FOURIER SERIES ON NONCOMMUTATIVE GROUPS
THE JUNE 21, 1967 EARTHQUAKE SERIES AT FAIRBANKS ALASKA AFTERSHOCK LOCATIONS DEPTHS AND MAGNITUDES
THE VALIDITY OF PERTURBATION SERIES WITH ZERO RADIUS OF CONVERGENCE
RESISTIVITY OF THE 4D TRANSITION SERIES RU-RH-PD-AG CONTAINING FE
GLORY SCATTERING OF LITHIUM BY A SERIES OF MOLECULES I DIATONICS
EXPERIENCE AND CAPACITY VOL 4 OF A SERIES PROCEEDINGS OF THE FOURTH INTERNATIONAL INTERDISCIPLINARY CONFERENCE ON
VIBRATIONAL ENERGY TRANSFER FROM A HOMOLOGOUS SERIES OF CHEMICALLY ACTIVATED RADICALS
SINGULAR BEHAVIOR OF ZONAL HYPERSPHERICAL HARMONIC SERIES
ESTIMATION OF THE INNOVATION VARIANCE OF A STATIONARY TIME SERIES
SOLUTION OF THE RESTRICTED PROBLEM OF THREE BODIES BY POWER SERIES
GENERALIZED NETWORKS PROCEEDINGS OF THE SYMPOSIUM ON SYMPOSIA SERIES VOL XVI NEW YORK N.Y. APRIL 12-14 1966 POLYTECHNIC
IONIZATION POTENTIALS OF 2,2,4,4-TETRAHYDRO-3,3-BENZOPHENANTHRENE
RESEARCH IN THE FMO- AND IOTRICYCLO (3,2,1,0,2,4)OC-ONE SERIES SPECTROSCOPIC REQUIREMENTS FOR
MAGNETIC ELECTRON SPIN RESONANCE OPTICAL AND STRUCTURAL STUDIES OF THE ISOMORPHOUS SERIES SODIUM SCANDIUM-IRON
APPROXIMATE SOLUTION OF AN EIGENVALUE PROBLEM OF THE HELMHOLTZ EQUATION USING LIE SERIES
CYCLOPROPANONES X REACTION OF 2,2-DIMETHYLCYCLOPROPANONE AND N-METHYLPYRROLE. A NEW ENTRY INTO THE TROPINONE SERIES

AFOSR67-0406
ARL 67-1208
ARL 67-1267
AFOSR66-1118
AFOSR67-2701
AFOSR67-2302
AFOSR67-2616
AFOSR67-1620
AFOSR66-2242
AFOSR67-1717
AFOSR67-2119
AFOSR67-2866
AFOSR67-2285
AFOSR66-1111
AFOSR66-2428
AFOSR66-2208
AFOSR66-2139
AFOSR66-0939
AFOSR66-1636
AFOSR67-1261
AFOSR67-0548
ARL 67-0213
AFOSR66-0700
AFOSR66-1477
AFOSR67-2439
AFOSR66-2444

SEROTONIN

THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT JULY 1967
THE ROLE OF CATECHOLAMINES AND SEROTONIN IN THE PROCESS OF ADAPTATION TO HIGH ALTITUDE FINAL REPORT SEPT 1968
PERMANENT INSOMNIA AND DIMINUTION OF CEREBRAL SEROTONIN BY LESION OF THE RAPHE SYSTEM IN THE CAT /FRENCH/
EFFECT OF STRESS AND 5- α -CARBAMIDOPHENYLALANINE UPON BRAIN SEROTONIN 5-HYDROXYINDOLEACETIC ACID AND CATECHOLAMINES IN
RATS: EFFECT OF THE LESIONS OF THE RAPHE SYSTEM UPON SLEEP AND CEREBRAL SEROTONIN /FRENCH/
RAPID MODIFICATION OF ISOLATION-INDUCED AGGRESSIVE BEHAVIOR AND ELEVATION OF BRAIN CATECHOLAMINES AND SEROTONIN BY THE

AFOSR67-2735
AFOSR68-2087
AFOSR67-2562
AFOSR68-1770
AFOSR67-2564
AFOSR68-2732

SFRRF

ON SERGE DUALITY AND ENVELOPES OF HOLONOMORPHY

AFOSH68-0812

SEOVLCF

LASA DATA SERVICE FINAL REPORT MAY 1968
PLANNING IMPROVED LIBRARY SERVICE FOR SCIENTISTS IN UNIVERSITIES

AFOSR68-2151
AFOSR68-1236

SERVICES

JOINT SERVICES ELECTRONICS PROGRAM FINAL REPORT FEB 1967
JOINT SERVICES ELECTRONICS PROGRAM FINAL REPORT MARCH 1968
FIFTH ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW
PROCEEDINGS OF ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW 4TH AUSTIN TEXAS 16-17 MAR 1967
PROGRESS REPORT NO 32 TO THE JOINT SERVICES TECHNICAL ADVISORY COMMITTEE
PROGRESS REPORT NO 33 TO THE JOINT SERVICES TECHNICAL ADVISORY COMMITTEE
DISCUSSION OF ABSTRACTING AND INDEXING SERVICES FOR GOVERNMENT-SPONSORED RESEARCH SCARECROW PRESS INC METUCHEN N J 1968
ASTROGEODETTIC INSTRUMENTATION AND FIELD SERVICES ENGINEERING FINAL REPORT DEC 1968

AFOSR67-1396
AFOSR68-0960
AFOSR68-0581
AFOSR67-0851
AFOSR67-2582
AFOSR68-2163
AFOSR68-0437
AFOSR67-0031

48 4501

FLUX GROWTH AND CHARACTERIZATION OF HETA GALLIUM SESQUI OXIDE SINGLE CRYSTALS

AFDSR67-0051

SESSION

SPACE SCIENCE JOINT URSI/G-AF TECHNICAL SESSION
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 3 BOUNDARY VALUE PROB.
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 4 DIFFERENTIAL OPERATORS

AFOSR67-0832
AFOSR67-2301
AFOSR67-2302

5599

SETS OF NEARLY TRIANGULAR MATRICES
POLAR SETS AND REMOVABLE SINGULARITIES OF PARTIAL DIFFERENTIAL EQUATIONS
CONVER SETS AND THE BOUNDED SLOPE CONDITION
CONTINUAL SETS ON GRAPHS
INTEGRALS AS SETS OF COMPOSITE PARTICLES AND TROUBLE WITH INFINITE-COMPONENT FIELD THEORIES

AFOSR66-2607
AFOSR67-1210
AFOSR68-2563
AFCLR67-0537
AFOSR67-2207

SETS

- CONTINUED

ATTAINABLE SETS AND GENERALIZED GEODESIC SPHERES
ON THE LIMIT SETS OF THE 2×1 HOMOGENEOUS NETS
ON THE MINIMAL SETS OF NON-SINGULAR VECTOR FIELDS
FINITELY CONVEX SETS OF NONLINEAR DIFFERENTIAL EQUATIONS
ON THE DIRECTIVITY OF SETS OF ELECTROMAGNETIC RADIATION SOURCES 1 GENERAL RESULTS FOR SETS OF IDENTICAL ISOTROPIC
TOPOLOGY OF SUMMABILITY SETS
ON THE REMOVABLE SINGULAR SETS FOR SOLUTIONS OF ELLIPTIC EQUATIONS
INFINITE GAPS AND ANALYTIC SETS
THE SKELETONS OF STABLE PLANE SETS
FIRST APPROXIMATION ON SOME FINITE SETS
DISJUNCTNESS IN ERGODIC THEORY MINIMAL SETS AND A PROBLEM IN DIOPHANTINE APPROXIMATION
SKEW-MADAMARD JETLON GROUP DIFFERENCE SETS
A NOTE ON PROBLEMS WITH PERIODIC TARGET SETS
INTEGRAL REPRESENTATION ON COMPACT CONVEX SETS
ARITHMETIC CLASSIFICATION OF A MELSON CLASS OF SETS /FRENCH/
USING A COMPUTER IN DESIGN COMPUTER INSTRUCTION SETS
CLOUD DETECTION CAPABILITY OF OPERATIONAL AN/TPQ-11 RADAR SETS DURING 1966-1967
EXTREMAL PROBLEMS FOR A CLASS OF FUNCTIONALS DEFINED ON CONVEX SETS
ON THE COMPUTATION OF THE NUMBER OF ELEMENTS IN COMBINATIONS OF SETS
A STUDY OF ERROR-CORRECTING CODES IV CODE PROPERTIES AND UNAMBIGUOUS SETS
INFORMATION CAPACITY OF DISCRETE MOTOR RESPONSES UNDER DIFFERENT COGNITIVE SETS
ON THE DIRECTIVITY OF SETS OF ELECTROMAGNETIC RADIATION SOURCES 1 GENERAL RESULTS FOR SETS OF IDENTICAL ISOTROPIC

AFOSR67-1264
AFOSR67-0039
AFOSR67-1042
AFOSR67-0776
AFOSR67-0152
AFOSR67-2322
AFOSR68-2231
AFOSR68-0250
AFOSR68-0083
ARL 68-0104
AFOSR67-0757
AFOSR67-2334
AFOSR67-1238
AFOSR67-1560
AFOSR67-1123
AFOSR68-1612
AFOSR68-0269
AFOSR67-2718
AFOSR67-1600
AFOSR67-0124
AFOSR67-1823
AFOSR67-0157

SEVEN

SEVEN PROJECTS IN STELLAR AND UPPER ATMOSPHERIC PHYSICS FINAL REPORT NOV 1968

AFOSR68-0619

SHAKE-OFF

CALCULATION OF ELECTRON SHAKE-OFF FOR ELEMENTS FROM Z EQUAL WITH THE USE OF SELF-CONSISTENT-FIELD WAVE FUNCTIONS

AFOSR68-2447

SHALLOW

ON THE RESPONSE OF SHALLOW THIN SHELLS TO RANDOM EXCITATIONS
THERMAL BUCKLING OF SHALLOW BIMETALLIC TWO-HINGED ARCHES
WEAK HYDRAULIC JUMPS IN SHALLOW WATER
NON-EXISTENCE OF SNAP-THROUGH FOR CLAMPED SHALLOW ELASTIC ARCHES SUBJECTED TO IMPULSIVE LOADING
THE INFLUENCE OF DAMPING ON THE SNAPPING OF A SHALLOW ARCH UNDER A STEP PRESSURE LOAD
DYNAMIC SNAP-THROUGH OF IMPERFECT VISCOELASTIC SHALLOW ARCHES
DYNAMIC SNAP-THROUGH OF AN ELASTIC IMPERFECT SIMPLE SHALLOW TRUSS
ASYMMETRIC DYNAMIC SNAP-THROUGH OF ELASTIC CLAMPED SHALLOW SPHERICAL SHELLS
APPROXIMATE ROUGH SLIP VECTOR DIRECTION DETERMINATION FOR INERTIAL NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE FROM

AFOSR67-2511
AFOSR68-1999
AFOSR67-0230
AFOSR68-0770
AFOSR68-1085
AFOSR67-0656
AFOSR67-2452
AFOSR68-0469
AFOSR68-1434

SHAPE

SHAPE MEASUREMENT OF SMALL OPTICAL TARGETS FINAL REPORT APR 1967
SHAPE DEPENDENCE OF THE SPECIFIC HEAT OF MAGNETIC SYSTEMS WITH LONG-RANGE INTERACTIONS
THE SHAPE OF THE MASS SURFACE IN THE REGION OF 90 NEUTRONS
THE EFFECTIVE SHAPE OF THE COVALENTLY BOUND FLUORINE ATOM
A STUDY OF LINE SHAPE FOR CO INFRARED EMISSION LINES FINAL REPORT JUNE 1967
THE EVOLUTION OF CRYSTAL SHAPE A COMPUTER MODEL
EXPERIMENTAL STUDY OF THE SHAPE OF THE COEXISTENCE CURVE OF ARGON NEAR THE CRITICAL STATE
WIND TUNNEL TESTS OF NATURAL SHAPE BALLOON MODEL
EXTENDED HUCKEL THEORY AND THE SHAPE OF MOLECULES
A NEW METHOD OF ESTIMATING THE WEIRULL SHAPE PARAMETER
CONTOUR DESCRIPTOR PROPERTIES OF VISUAL SHAPE FINAL REPORT SEPT 1967
ONE-ORDER-STATISTIC CONDITIONAL ESTIMATORS OF SHAPE PARAMETERS OF LIMITED AND PARETO DISTRIBUTIONS AND SCALE
MASS EXTREMUM EFFECT ON THE CYCLOTRON RESONANCE LIMIT SHAPE IN GALLIUM
ROLE OF EXCITON DISPERSION AND EXCITON-MAGNETON INTERACTIONS ON THE SHAPE OF MAGNETON SIDEBANDS IN STRESSED MANGANESE
HYPERSONIC FLOW OF PLUM, DELTA WINGS AT LOW ANGLES OF ATTACK 1 SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION
CONDITIONAL MAXIMUM LIKELIHOOD ESTIMATION, FROM SINGLY CENSORED SAMPLES, OF THE SHAPE PARAMETERS OF PARETO AND LIMITED
THE RIEMANNIAN BOUNDARY VALUE PROBLEM AS APPLIED TO A MEMBRANE HAVING AN IRREGULAR SHAPE FINAL REPORT AUG 1967

AFOSR67-0289
AFOSR68-0990
AFOSR67-1757
AFOSR68-2757
AFOSR67-0436
AFOSR68-1529
AFOSR68-1562
AFOSR68-0123
AFOSR67-2465
ARL 68-0076
AFOSR67-0525
ARL 68-0038
AFOSR68-1774
AFOSR68-1453
AFOSR67-0005
ARL 68-0278
AFOSR67-1768

SHAPES

LINE SHAPES IN ELECTRON SPIN RESONANCE SPECTRA
MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR
BLUNT-NOSSED MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR
BLUNT-NOSSED MISSILE SHAPES OF MINIMUM BALLISTIC FACTOR
PREDICTION OF SHOCK SHAPES
A STUDY OF ARC DISCHARGE SHAPES IN A TRANSVERSE MAGNETIC FIELD
EXPERIMENTAL FREE-INDUCTION DECAY SHAPES AND THEORETICAL SECOND MOMENTS FOR HYDROGEN IN HEXAGONAL ICE

AFOSR68-0367
AFOSR67-0936
AFOSR67-1885
AFOSR68-0504
ARL 67-1253
ARL 67-1195
AFOSR67-2548

SHARED

TIME SHARED COMPUTERS

AFOSR67-1618

SHARING

A NOTE ON TIME SHARING WITH PREFERRED CUSTOMERS
HUMAN FACTORS AND THE DESIGN OF TIME SHARING COMPUTER SYSTEMS
THE PSYCHOLOGICAL IMPORTANCE OF TIME IN A TIME SHARING SYSTEM

AFOSR68-0947
AFOSR68-0054
AFOSR68-0120

SHARP

SURFACE MEASUREMENTS ON SHARP FLAT PLATES AND WEDGES IN LOW-DENSITY HYPERSONIC FLOW
HYPERSONIC INTERACTIONS NEAR SHARP LEADING EDGES
ON STABILITY FOR DIFFERENCE SHAPES A SHARP FORM OF GARDING'S INEQUALITY
HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES WITH SHARP LEADING EDGES
HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES HAVING SHARP LEADING EDGES
EFFECT OF BODY INCLINATION ON THE MERGING OF A HYPERSONIC LOW DENSITY FLOW OVER SHARP TWO-DIMENSIONAL LINEAR BODIES
LAMINAR AND TRANSITIONAL HEAT TRANSFER IN THE TWO DIMENSIONAL SEPARATED FLOW BEHIND A SHARP PROTRUDING LEADING EDGE

AFOSR68-0645
AFOSR68-1366
AFOSR67-2850
AFOSR68-2818
AFOSR67-1118
ARL 68-1111
ARL 68-0015

SHEAR

SHEAR RESISTANCE AND EQUATION OF STATE FOR NONCOMPRESSIVE GRANULAR MACROMERITIC SYSTEMS
SHEAR STRENGTH OF TWELVE GROSSLY DEFORMED METALS AT HIGH PRESSURES AND TEMPERATURES
WALL SHEAR STRESS DISTRIBUTION FOR FLOW AROUND A CIRCULAR CYLINDER AT REYNOLDS NUMBER BETWEEN 60 AND 340
STUDIES OF MICROWAVE SHEAR WAVES IN SOLIDS
INFLUENCE OF TRANSVERSE SHEAR AND EDGE CONDITION ON NONLINEAR VIBRATION AND DYNAMIC BUCKLING OF HOMOGENEOUS AND
A SPECIMEN FOR REVERSED SHEAR DEFORMATIONS
ON THE STABILITY AGAINST SHEAR WAVES OF STEADY FLOWS OF NON-LINEAR VISCOPLASTIC FLUIDS
NEW METHOD FOR TURBULENT SHEAR FLOWS
SOME REMARKS ON TURBULENT SHEAR FLOWS
EXPLANATIONS OF SUPERSONIC SHEAR FLOW OVER A CAVITY
CIRCULARLY POLARIZED ULTRASONIC SHEAR WAVES IN METALS

AFOSR67-0048
AFOSR67-0475
AFOSR67-2355
AFOSR68-2637
AFOSR67-1011
AFOSR68-2418
AFOSR68-2136
ARL 67-1260
AFOSR68-0093
ARL 67-0197
AFOSR68-0657

SHEAR - CONTINUED

| | |
|---|--|
| THEORY OF A THERMAL FLUXMETER IN A SHEAR FLOW
CONSTANT-PRESSURE LAMINAR MIXING OF A SHEAR LAYER WITH A QUIESCENT FLUID
MAGNETIC FIELD DEPENDENCE OF ULTRASONIC ATTENUATION OF SHEAR WAVES IN POTASSIUM
ON THE POSSIBLE ROLE OF DISLOCATIONS IN GENERATING ORDERED AND DISORDERED SHEAR STRUCTURES | ARL 66-0017
AFOSR66-1567
AFOSR67-0161
AFOSR67-2710 |
| SHEAR-FREE
A SHEAR-FREE TURBULENT BOUNDARY LAYER | AFOSR67-2009 |
| SHEAR-STRESS
A STUDY OF TURBULENCE AT A WALL USING AN ELECTROCHEMICAL WALL SHEAR-STRESS METER | AFOSR67-0476 |
| SHEAR-WAVE
EFFICIENT MICROWAVE SHEAR-WAVE GENERATION BY MODE CONVERSION
A TWO-DIMENSIONAL ULTRASONIC MODEL STUDY OF COMPRESSIONAL AND SHEAR-WAVE DIFFRACTION PATTERNS PRODUCED BY A CIRCULAR | AFOSR67-0634
AFOSR68-1442 |
| SHEATH
STUDY OF PLASMA SHEATH EFFECTS ON ANTENNAS FINAL REPORT APR 1967
PROPERTIES OF THE ATOMOSPHERIC SYSTEM FROM THE SHEATH OF SOLID IONIC AXONS
PROCEEDINGS OF THE THIRD SYMPOSIUM ON THE PLASMA SHEATH- PLASMA ELECTROMAGNETICS OF HYPERSONIC FLIGHT VOLUME II
STUDIES OF ANTENNA BREAKDOWN IN THE PRESENCE OF A PLASMA SHEATH INCLUDING EFFECTS OF FORCED CONVECTION
RADIATION PATTERNS OF A SLOT ANTENNA IN THE PRESENCE OF A BREAKDOWN SHEATH
A STUDY OF THE USE OF CHEMICAL ADDITIVES FOR THE ALLEVIATION OF THE PLASMA SHEATH PROBLEM | AFOSR67-0300
AFOSR68-1707
AFOSR67-0880
AFOSR67-0190
AFOSR68-0601
AFOSR67-0693 |
| SHEATHS
THE EFFECT OF NEGATIVE IONS ON DOUBLE SPACE-CHARGE SHEATHS | ARL 66-0291 |
| SPEEDING
EXPERIMENTS ON VORTEX SHEDDING FROM YAWED CIRCULAR CYLINDER | AFOSR68-1422 |
| SHELLS
BUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHELLS | AFOSR68-1468 |
| SHEEP
OCCURRENCE AND SOME PROPERTIES OF ORNITHINE CONTAINING GRANULES IN THE SHEEP ADRENAL | AFOSR68-1738 |
| SHEET
ELECTRONS WITHIN THE NEUTRAL SHEET OF THE MAGNETOSPHERIC TAIL
ATOMIZATION AND VAPORIZATION OF A LIQUID SHEET EXPOSED TO A SUPERSONIC AIRSTREAM
MULTIPOINT INITIATED IMPLOSIONS FROM HEMISPHERICAL SHELLS OF SHEET EXPLOSIVE | AFOSR68-0654
AFOSR68-1421
ARL 67-0018 |
| SHEETS
VAN DER WAALS FORCE DISPERSION THEORY AND SINGULARITIES ON SECOND RIEMANN SHEETS | AFOSR67-2703 |
| SHELL
VALFENCE SHELL CALCULATIONS ON POLYATOMIC MOLECULES II CNDO SCF CALCULATIONS ON MONOSUBSTITUTED BENZENES
LONG CYLINDRICAL SHELLS UNDER LOADS APPLIED TO A REINFORCING RING
DIRECT REACTIONS AND THE SHELL MODEL
SCATTERING BY A SPHERICAL SHELL WITH A CIRCULAR APERTURE
SOME ASPECTS OF CYLINDRICAL SHELL PANEL FLUTTER
PARTICLE HOLE STATES IN CLOSED SHELL NUCLEI
ISOBARIC ANALOG STATES IN 2S-1D SHELL NUCLEI
TRANSIENT RESPONSE OF AN ELASTIC SHELL IN PLANE STRAIN
ISOBARIC ANALOG STATES IN THE S-D SHELL
ANALYSIS OF SHORT WFB-STIFFENED SANDWICH SHELL WITH CLOSED ENDS UNDER EXTERNAL PRESSURE
SOME RECENT STUDIES OF PROPERTIES OF S-D SHELL NUCLEI
INTRA-ATOMIC MAGNETIC INTERACTIONS FOR FOURTH SHELL ELECTRO
RELATIVISTIC 3-DIMENSIONAL 2-BODY INTEGRAL EQUATIONS ON- SHELL AND OFF-SHELL FORMALISMS
LARGE DEFLECTIONS OF AN AXIALLY COMPRESSED OVAL CYLINDRICAL SHELL
GAMMA-RAY ANGULAR CORRELATION STUDIES AND ISOBARIC ANALOG STATES IN 2S-1D SHELL NUCLEI
ELECTROMAGNETIC FIELDS IN A SPHERICAL CAVITY WITH A CONCENTRIC ANISOTROPIC SHELL SYSTEM
INTERACTION OF MECHANICAL AND APROPLASTIC INSTABILITIES OF A CIRCULAR CYLINDRICAL SHELL | AFOSR68-1140
AFOSR67-2503
ARL 67-1177
AFOSR68-0036
AFOSR68-0750
ARL 68-1105
ARL 68-1204
AFOSR67-1906
ARL 68-1205
AFOSR67-2038
ARL 68-1237
AFOSR68-2247
AFOSR67-2020
AFOSR67-2067
ARL 67-1038
AFOSR68-0031
AFOSR67-0627 |
| SHELLS
THIN RODS AND SHELLS VIEWED AS COSSERAT CONTINUA
FORCED MOTIONS OF SHELLS AND PLATES SURROUNDED BY AN ACOUSTIC FLUID
THIN ELASTIC PLATES AND SHELLS AND BOUNDARY VALUE PROBLEMS FINAL REPORT FEB 1968
INVESTIGATION OF PLATES AND SHELLS UNDER EXTERNAL LOADING AND ELEVATED TEMPERATURES FINAL REPORT MARCH 1967
CHUCK BUCKLING OF CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION
ON THE RESPONSE OF SHALLOW THIN SHELLS TO RANDOM EXCITATIONS
BUCKLING OF UNSTIFFENED CONICAL SHELLS UNDER COMBINED LOADING
RESPONSE OF CYLINDRICAL SANDWICH SHELLS TO MOVING LOADS
MAGNETIC POLARIZABILITY OF CLOSED SHELLS
GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM STIFFENERS
GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM STIFFENERS
DYNAMICS OF SUBMERGED REINFORCED CYLINDRICAL SHELLS
THE BUCKLING OF DISCRETELY STIFFENED CONICAL SHELLS
LOW BUCKLING LOADS OF AXIALLY COMPRESSED CONICAL SHELLS
BUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHELLS
MULTIPOINT INITIATED IMPLOSIONS FROM HEMISPHERICAL SHELLS OF SHEET EXPLOSIVE
AEROPLASTIC STABILITY CHARACTERISTICS OF CYLINDRICAL SHELLS CONSIDERING IMPERFECTIONS AND EDGE CONSTRAINT
ON NONLINEAR EQUATIONS OF ISOTROPIC ELASTIC SPHERICAL SHELLS
ON THE STABILITY OF ECCENTRICALLY STIFFENED CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION
INVERSION OF THE ECCENTRICITY IN STIFFENED CYLINDRICAL SHELLS BUCKLING UNDER EXTERNAL PRESSURE
DYNAMICS AND VIBRATIONS OF HOMOGENEOUS AND LAYERED PLATES AND SHELLS INCLUDING THOSE OF SANDWICH CONSTRUCTION FINAL
INFLUENCE OF IN-PLANE BOUNDARY CONDITIONS ON THE STABILITY OF CONICAL SHELLS UNDER HYDROSTATIC PRESSURE
ASYMMETRIC DYNAMIC SNAP-THROUGH OF ELASTIC CLAMPED SHALLOW SPHERICAL SHELLS
AN EXPERIMENTAL STUDY ON THE AEROELASTIC STABILITY OF THIN CYLINDRICAL SHELLS AT THE LOWER SUPERSONIC MACH NUMBERS
FIRST ORDER FREQUENCY EFFECTS IN SUPERSONIC PANEL FLUTTER OF FINITE CYLINDRICAL SHELLS
RECENT STUDIES ON OPTIMIZATION FOR PLATE STABILITY OF CYLINDRICAL AND CONICAL SHELLS
COMPARING THEORY AND EXPERIMENT FOR THE ACOUSTIC FLUTTER OF CIRCULAR CYLINDRICAL SHELLS
ON COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC FLUTTER OF CIRCULAR CYLINDRICAL SHELLS
CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL SHELLS OF
THE INFLUENCE OF STIFFENED GEOMETRY AND SPACING ON THE BUCKLING OF AXIALLY COMPRESSED CYLINDRICAL AND CONICAL SHELLS
AN EXPERIMENTAL STUDY OF THE EFFECT OF LENGTH ON THE BUCKLE PATTERN OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS | AFOSR68-1602
AFOSR68-0106
AFOSR68-0713
AFOSR67-0931
AFOSR68-0476
AFOSR67-2511
AFOSR68-0620
AFOSR67-1925
AFOSR68-1466
AFOSR67-0967
AFOSR67-1929
AFOSR68-2241
AFOSR68-2352
AFOSR68-1944
AFOSR68-0045
ARL 67-0018
AFOSR68-0362
AFOSR67-2254
AFOSR67-2462
AFOSR67-2467
AFOSR67-2368
AFOSR67-1942
AFOSR68-0469
ARL 67-0006
AFOSR67-2591
AFOSR68-1787
AFOSR68-0239
AFOSR67-0836
AFOSR68-0471
AFOSR68-0670
AFOSR67-1981 |

EVALUATION OF FARADAY SHIELDED STIX COILS FOR ION CYCLOTRON RESONANCE HEATING OF PLASMA

SHIELDING

UNIFORM-ELECTRIC-FIELD QUADRUPOLE POLARIZABILITIES AND SHIELDING FACTORS FOR S-STATE ATOMS AND IONS

AF05867-0310

SHIFT

THE SHIFT OF SOME OF THE EMISSION LINES OF IRON AND OTHER METALS /CR NI CA CU AND AL/ PRODUCED BY ARGON AND HELIUM
CHEMICAL SHIFT NONEQUIVALENCE OF DIASTEREOTOPIC GROUPS IN SULFONIUM SALTS
CHEMICAL SHIFT NONEQUIVALENCE OF DIASTEREOTOPIC PROTONS DUE TO RESTRICTED ROTATION AROUND ARYL--NITROGEN BONDS IN
PRESSURE SHIFT OF THE CR LEVELS IN AL SUR2 O SUB3
PRESSURE BROADENING AND SHIFT OF METHANE PERTURBED BY NOBLE GASES
THE 4 M R LOCAL MAGNETIC FIELD SHIFT IN SOLID KRYPTON
FIELD DEPENDENCE OF THE KNIGHT SHIFT IN SIMPLE METALS
MAGNETIC FIELD DEPENDENCE OF THE KNIGHT SHIFT
MODULARITY IN DESIGN THE APPLICATION OF SHIFT REGISTERS IN SECONDARY STATE ASSIGNMENT
NUCLEAR MAGNETIC RESONANCE LOCAL-MAGNETIC-FIELD SHIFT IN SOLID XENON
MEASUREMENT OF THE QUANTUM-ELECTRODYNAMIC LEVEL SHIFT IN THE THIRD EXCITED STATE OF SINGLY IONIZED HELIUM/
DIRECT AND CORP-POLARIZATION CONTRIBUTIONS TO THE KNIGHT SHIFT IN METALLIC ALUMINUM
VELOCITY DEPENDENT ORF AND NUCLEON-NUCLEON SCATTERING PHASE SHIFT IN THE ORF APPROXIMATION
THEORY OF EXCITONS IN LIQUIDS IV A SIMPLIFIED TREATMENT OF THE SHIFT AND DAMPING OF POLARIZATION WAVES

AFOSR67-2296
AFOSR67-1874
AFOSR67-2483
ARL 67-0073
AFCLR68-0421
AFOSR67-0057
AFOSR67-0083
AFOSR67-0085
AFOSR68-1300
AFOSR67-0095
AFOSR67-1222
AFOSR67-0427
AFOSR68-2559
AFOSR68-1977

SHIFT-REGISTER

ON SHIFT-REGISTER REALIZATIONS OF SEQUENTIAL MACHINES

AFOSR67-0422

SHIFTING

MULTIPLE ACOUSTIC DIFFRACTION TECHNIQUES FOR FREQUENCY SHIFTING OF LASER SOURCES

AF05867-0439

SHIRTS

LEVEL SHIFTS DUE TO THE CONFINEMENT OF AN ATOM BY CONDUCTING WALLS
PRESSURE SHIFTS OF INFRARED LINES LOW-TEMPERATURE SPECTRA OF MOLECULES AND TECHNIQUES OF INTERFERENCE SPECTROSCOPY
SPECTRAL SHIFTS IN QUASI-STELLAR OBJECTS
F-MATRIX AND PHASE SHIFTS IN SOLID-STATE SCATTERING THEORY
ELECTROMAGNETIC MASS SHIFTS COMMUTATOR AMBIGUITIES AND EXPONENTIALLY FALLING FORM FACTORS
ELECTROMAGNETIC MASS SHIFTS EQUAL-TIME COMMUTATORS AND JOSEPHSON-LEHMANN REPRESENTATION
SUBSTITUENT EFFECTS ON FLUORINE-19 CHEMICAL SHIFTS IN SATURATED SYSTEMS
COMPARISON OF CALCULATED MOLECULAR SHIFTS IN ¹⁹F AND ¹³C NMR CHEMICAL FLUORIDES
THE DURATION OF REINFORCEMENT OF CIRCADIAN RHYTHMS AFTER PHASE SHIFTS OF THE ZEITGEBER
J/NUCLEAR SIGNATURE ANALYSIS BASED ON MEASURED DIFFERENTIAL PHASE SHIFTS OF TARGET SCATTERING AT TWO HARMONIC
DICHALOS-(TRIARYLPHOSPHINE)IRON(II) COMPLEXES ISOTROPIC PROTON MAGNETIC RESONANCE SHIFTS AND THE KINETICS OF LIGAND

ALCRL67-0297
 ALCRL68-0490
 AFOSR67-0190
 AFOSR67-1097
 AFOSR68-1632
 AFOSR68-1638
 AFOSR68-1591
 AFOSR68-1988
 AFOSR67-0499
 ALCRL67-0476
 AFOSR68-2624

SHOAL

ON THE TRAVEL TIMES OF P AS OBTAINED FROM THE NUCLEAR EXPLOSIONS BILBY AND SHOAL

AFOSR67-2855

5475K

SHOCK TUBE RESEARCH - ASTROPHYSICAL QUANTITIES FINAL REPORT FEB 1968
SHOCK TUBE STUDIES OF IONIZED GASES FINAL REPORT AUG 1968
SHOCK WAVES PRODUCED BY SMALL STRESS INCREMENTS IN ANNEALED ALUMINUM
SHOCK STRUCTURE IN A GAS OF RIGID NONCENTRAL PARTICLES
SHOCK WAVE STUDIES USING A PLASMA WIND TUNNEL
SHOCK WAVES IN PLASMA PHYSICS
SHOCK WAVE PRECURSOR MEASUREMENTS PART I ONE-DIMENSIONAL THEORY OF ELECTROSTATIC PROBES IN UNSTEADY CONDITIONS WITH
SHOCK WAVE PRECURSOR MEASUREMENTS PART II EXPERIMENTAL APPARATUS AND AIR TEST RESULTS
SHOCK GENERATORS IN THE HYPERSONIC TURBULENT BOUNDARY LAYER
THE SHOCK TUNNEL AS A SUPERSONIC COMBUSTION TEST FACILITY
UNITED SHOCK PROFILE IN A PLASMA
IONIZING SHOCK STRUCTURE IN A MONATOMIC GAS
IONIZING SHOCK STUDIES IN AN ELECTROMAGNETICALLY DRIVEN SHOCK TUBE
TURBULENT SHOCK WAVES IN PLASMAS
MOTION OF A SHOCK WAVE THROUGH TUBES OF CONVERGING OR DIVERGING CROSS SECTION
GAS IONIZING SHOCK WAVE IN MAGNETIC SHOCK TUBE
COLLISIONLESS SHOCK WAVE IN A PLASMA
PREDICTION OF SHOCK SHAPES
THE EARTH'S ROW SHOCK WAVE
THICKNESS OF A SHOCK WAVE IN HYDROGEN
DISTORTION OF A SHOCK WAVE TRAVERSED BY A VORTEX
A PHOTOELECTRIC SHOCK SCRAMBLER
ATTENUATION OF A SHOCK WAVE DUE TO THE NONEQUILIBRIUM IONIZATION AND RADIATION
RADIATION COOLED SHOCK LAYERS INCLUDING SPECTRUM ABSORPTION EFFECTS
THE ENHANCEMENT OF SHOCK WAVES BY CHEMICAL REACTIONS
THE INTERACTION OF A SHOCK WAVE WITH A LAMINAR BOUNDARY LAYER
CURRENT DIFFUSION IN A SHOCK TUBE WITH VARYING MAGNETIC FIELD
DEVELOPMENT OF A HEATED SHOCK TUBE FINAL REPORT SEPT 1967
THE STRUCTURE OF NORMAL SHOCK WAVES IN A BINARY GAS MIXTURE
PLASMA HEATING BY STRONG SHOCK WAVES
EVIDENCE FOR REFLECTED SHOCK WAVES FROM CONVERGENT CYLINDRICAL CHANNELS
EXPERIMENTALLY DETERMINED SHOCK CONFIGURATIONS IN A HIGH-SOLIDITY SUPERSONIC ROTOR
COMMENTS ON SOLUTION FOR A SHOCK WAVE OF BI-MODAL DISTRIBUTION USING BHATTNAGAR-GROSS-KROOK MODELS
DISCONTINUITY RELATIONS AND SHOCK POLARS FOR CONSERVATION EQUATIONS WITH APPLICATION TO MAGNETOGASDYNAMICS
A MAGNETIC ANNULAR ARC DRIVEN SHOCK TUBE
A SIMPLIFIED MODEL FOR THERMAL SHOCK AND SPALLATION IN PARTIALLY TRANSPARENT ELASTIC MATERIALS UNDER EMPRESSURE
INCIDENT AND REFLECTED IONIZING SHOCK STRUCTURE
STABILITY OF MAGNETOHYDRODYNAMIC SHOCK WAVES
AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE; FINAL REPORT OCT
IRREGULAR REFRACTION OF A STRONG SHOCK WAVE BY A REFUGE OF HOT GAS
AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE
IONIZED MERCURY GAS IN THE HEATED SHOCK TUBE THE MEASUREMENT OF RELAXATION TIMES AND ABSOLUTE INTENSITIES FINAL REPORT
GAS IONIZING SHOCK WAVE IN MAGNETIC SHOCK TUBE
INITIATION OF DETONATION BY INCIDENT SHOCK WAVES IN HYDROGEN-OXYGEN-ARGON MIXTURES
INITIATION OF DETONATION BY INCIDENT SHOCK WAVES IN HYDROGEN-OXYGEN-ARGON MIXTURES
JUMP IN FLUX TRANSFER COEFFICIENT AND SHOCK WAVES IN REAL HYDROGEN UNDER B COMPRESSION AS A PARAMETER AN EXPLICIT
EFFECTS OF A TEMPERATURE GRADIENT ON IONIZING SHOCK BY ...
CHARACTERISTICS OF A SHOCK-WAVE IN A DIATOMIC GAS ...
A THEORETICAL ANALYSIS OF THE PROPAGATION OF SHOCK WAVES IN A ... MAY 1967
REFLECTION OF ANTEENAL BY THE ... IN A SHOCK TUBE ...
SHOCK WAVE REFLECTION BY A ... IN A SHOCK TUNNEL ...
... AND ... IN A SHOCK TUBE ...
SHOCK WAVE REFLECTION BY A ... IN A SHOCK TUBE ... FINAL REPORT ...
SHOCK-DRIVEN PLASMA ... OF ELECTRIC SHOCK ...

AFCR68-0194
AFOSR68-0520
AFOSR67-0855
AFOSR67-2661
AFOSR68-0187
AFOSR68-1205
AFOSR68-1787
AFOSR68-1772
ARL 67-0186
AFOSR67-0847
AFOSR68-0845
AFOSR67-1578
AFOSR67-1818
ACHS67-0340
AFOSR67-0567
AFOSR67-1907
AFOSR67-2637
ARL 67-1253
AFCR67-0341
AFOSR68-0224
AFOSR67-0127
AFOSR68-2172
AFOSR68-1318
AFOSR68-0549
ARL 67-1118
AFOSR68-1682
AFOSR67-1908
AFOSR67-2341
AFOSR68-2224
AFOSR68-2681
APL 68-1227
AFOSR68-1230
AFOSR67-2438
AFOSR67-0418
AFOSR68-1552
AFOSR68-2631
AFOSR68-1611
ARL 67-0202
ARL 67-0279
ARL 67-1221
AFOSR68-1130
AFOSR67-1907
ARL 67-1124
ARL 68-0320
SWL 68-0606
AFOSR67-2076
AFOSR68-1613
SRB 67-0000

SHOCK

- CONTINUED

THEORETICAL AND EXPERIMENTAL STUDIES OF SHOCK WAVE-LAMINAR BOUNDARY LAYER INTERACTION IN THE STRONG INTERACTION REGIME ARL 67-0112
 A MODIFICATION OF THE HOFFMAN-FLEISHER GRID SHOCK SCRAMBLER AFOSR67-1950
 THE VELOCITY DISTRIBUTION FUNCTION WITHIN A SHOCK WAVE AFOSR68-0860
 ELECTRON DENSITY AND IONIZATION PHENOMENA IN SHOCK WAVES FINAL REPORT OCT 1967 AFOSR68-0230
 STABILITY OF RELATIVISTIC MAGNETOHYDRODYNAMIC SHOCK WAVES AFOSR68-1886
 SOME REMARKS ON THE STABILITY OF HYDROMAGNETIC SHOCK WAVES AFOSR67-1263
 EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES AFOSR68-0023
 EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES AFOSR68-0226
 EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES AFOSR68-2632
 COMPARATIVE STUDY OF OPTIMIZATION TECHNIQUES FOR SHOCK AND VIBRATION ISOLATION AFOSR68-0262
 EXPERIMENTAL STUDY ON ELECTROMAGNETICALLY DRIVEN SHOCK TUBE AFOSR68-2282
 EVAPORATION OF SUBMICRON PLATINUM PARTICLES IN A SHOCK TUBE ARL 68-0166
 COMPARISON OF OBLIQUE NORMAL AND TRANSVERSE IONIZING SHOCK WAVES AFOSR67-2439
 IONIZING SHOCK STUDIES IN AN ELECTROMAGNETICALLY DRIVEN SHOCK TUBE AFOSR67-1818
 STUDIES ON AN INERT GAS DISK HALL GENERATOR DRIVEN IN A SHOCK TUNNEL ARL 67-1235
 EXPERIMENTAL INVESTIGATION OF INTERACTIONS BETWEEN BLUNT FIN SHOCK WAVES AND ADJACENT BOUNDARY LAYERS AT MACH NUMBERS AFOSR67-2026
 TEST SECTION CONDITIONS FOR THE TAILORP INTERFACE HYPERSONIC SHOCK TUNNEL AFOSR67-0005
 HYPERSONIC FLOW OF BLUNT DELTA WINGS AT LOW ANGLES OF ATTACK I SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION AFOSR68-1196
 EXPERIMENTAL TECHNIQUES FOR SUPersonic COMBUSTION RESEARCH IN A SHOCK TUNNEL ARL 67-0036
 CALIBRATION OF THIN FILM RESISTANCE THERMOMETERS FOR HEAT FLUX MEASUREMENTS IN THE SHOCK TUBE ARL 67-0076
 THE EFFECT OF WALL TEMPERATURE ON THE LOW REYNOLDS NUMBER HYPERSONIC STAGNATION REGION SHOCK LAYER ARL 67-0121
 LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL BLUNT BASE FROM THE HIGH ENTHALPY FLOW IN THE SHOCK TUBE AFOSR67-1226
 THE INFLUENCE OF FINITE ELECTRICAL CONDUCTIVITY ON THE DEVELOPMENT OF A MAGNETICALLY DRIVEN SHOCK IN NO_2 - CO_2 MICH

SHOCK-HEATED
 THE EQUILIBRIUM STRUCTURE OF A SHOCK-HEATED CORONA AFOSR68-0312

SHOCK-IONIZED
 COLD-ELECTRODE CHARACTERISTICS IN SHOCK-IONIZED AIR PLASMAS ARL 68-0124

SHOCK-LAYER
 PREDICTION OF INCIPENT SEPARATION IN SHOCK-LAYER INTERACTIONS ARL 67-0091

SHOCK-LOADED
 THERMAL RECOVERY OF EXPLOSIVE SHOCK-LOADED STAINLESS STEEL AFOSR68-2351
 LATTICE DEFECTS IN STAINLESS STEEL SHOCK-LOADED TO PRESSURES ABOVE 1 MEGABAR AFOSR68-2629

SHOCK-TUBE
 SHOCK-TUBE MEASUREMENTS OF END-WALL RADIATIVE HEAT TRANSFER IN AIR ARL 68-0283

SHOCK-WAVE
 ON THE EXISTENCE OF SOLUTIONS TO CERTAIN SHOCK-WAVE MODELS FINAL REPORT MAR 1968 AFOSR68-0222

SHOCKS
 PERPENDICULAR SHOCKS IN A MEDIUM CONTAINING COSMIC RAYS AFOSR68-2074
 ON THE STRUCTURE OF ALFVEN SHOCKS AFOSR67-0200
 RADIO SPECTRA AND FERMION ACCELERATION BY SHOCKS AFOSR67-2732
 NUMERICAL EXPERIMENTS OF MAGNETOHYDRODYNAMIC SHOCKS AND THE STABILITY OF SWITCH-ON SHOCKS AFOSR67-2078
 LABORATORY STUDY OF TURBULENCE IN COLLISION-FREE SHOCKS AFOSR68-1937
 PLASMA WIND TUNNEL STUDIES OF COLLISION FREE FLOWS AND SHOCKS AFOSR67-1160
 SMALL PERTURBATIONS TRANSONIC AND HYPER-CRITICAL FLOWS WITH SHOCKS FINAL REPORT AUG 1966 AFOSR67-0394
 APPROXIMATE ROUGH SLIP VECTOR DIRECTION DETERMINATION FOR (BERIAN NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE FROM AFOSR68-1434
 NUMERICAL EXPERIMENTS OF MAGNETOHYDRODYNAMIC SHOCKS AND THE STABILITY OF SWITCH-ON SHOCKS AFOSR67-2078

SHOCKWAVE
 RADIATIVE ENERGY ADDITION BEHIND A SHOCKWAVE ARL 67-1216

SHORT
 SHORT TERM AND LONG TERM MEMORY PROCESSES A FUNCTIONAL MODEL OF FRONTO-TEMPORAL RELATIONSHIPS FINAL REPORT JULY 1968 AFOSR68-1672
 SHORT WAVELENGTH IMPURITY EXCITON TRANSITIONS IN CDS AT 1.2 DEGREES K ARL 67-1288
 VERBAL SHORT TERM-MEMORY AS A FUNCTION OF DEGREE OF LEARNING ON A PERCEPTUAL MOTOR INTERPOLATED ACTIVITY AFOSR68-1891
 ANALYSIS OF SHORT STIFFENED SANDWICH SHELL WITH CLOSED ENDS UNDER EXTERNAL PRESSURE AFOSR67-2838
 POWER FLOW FROM A SHORT ANTENNA IN A LOSSY UNIAXIAL MEDIUM AFOSR68-0573
 TIME DOMAIN STUDIES OF SHORT PERIOD TELESEISMIC P PHASES FINAL REPORT SEPT 1967 AFOSR67-2510
 INTERFERENCE OR DECAY OVER SHORT RETENTION INTERVALS AFOSR67-1800
 EFFECT OF SIZE AND LOCATION OF INFORMATIONAL TRANSFORMS UPON SHORT TERM RETENTION AFOSR67-1811

SHORT-CIRCUIT
 ON THE NATURE OF SHORT-CIRCUIT DIFFUSION PATHS IN NICKEL OXIDE FILMS AFOSR67-1085

SHORT-CUT
 A SHORT-CUT METHOD OF COMPUTING THE BRUNE AND BOTT-DUFFIN CIRCUIT REALIZATIONS OF POSITIVE REAL BI-ORDER IMMITTANCE AFOSR67-0136

SHORT-LIVED
 DETECTION AND IDENTIFICATION OF SHORT-LIVED FREE RADICALS BY AN ELECTRON SPIN RESONANCE TRAPPING TECHNIQUE AFOSR68-2867

SHORT-PERIOD
 SHORT-PERIOD SEISMIC ENERGY RADIATION PATTERNS FROM UNDERGROUND NUCLEAR EXPLOSIONS AND SMALL-MAGNITUDE EARTHQUAKES AFOSR67-0326
 SHORT-PERIOD VARIATIONS OF COSMIC-RAY INTENSITY AFOSR68-0759
 SHORT-PERIOD SEISMIC NOISE FINAL REPORT MAY 1968 AFOSR68-1444
 SPECTRUM OF SHORT-PERIOD CORE PHASES IN RELATION TO THE ATTENUATION IN THE MANTLE AFOSR67-2084
 A SYNTHESIS OF SHORT-PERIOD P-WAVE RECORDS FROM DISTANT EXPLOSION SOURCES AFOSR67-0640
 SPECTROPHOTOMETRY OF NEW SHORT-PERIOD VARIABLE STARS AFOSR67-2026

SHORT-TERM
 SHORT-TERM RECOGNITION MEMORY AFOSR67-1803
 ON THE NATURE OF SHORT-TERM MEMORY ENCODING BY THE DEAF AFOSR67-1813
 ACUSTIC FACTORS VERSUS LANGUAGE FACTORS IN SHORT-TERM MEMORY AFOSR67-1822

SHORT-TERM
 SHORT-TERM MEMORY AND THE EFFECT OF THE SHORT-TERM MEMORY FACTOR AFOSR68-2159

| | |
|--|--------------|
| SHOT | |
| A COMPARISON OF LONG SHOT AND EARTHQUAKES FINAL REPORT AUG 1967 | AFOSR67-2690 |
| LONG RANGE RECORDING OF LAKE SUPERIOR 1966 SHOT POINTS FINAL REPORT JAN 1968 | AFOSR68-1508 |
| SHOULD | |
| WHAT PUPILS AND TEACHERS SHOULD KNOW ABOUT GUESSING | AFOSR68-2157 |
| SHOWER | |
| A MONTE CARLO SIMULATION OF AIR SHOWER CORPS | AFOSR68-2400 |
| CERENKOV LIGHT EXPERIMENT BOLIVIAN AIR SHOWER JOINT EXPERIMENT FINAL REPORT JAN 1968 | AFOSR68-0179 |
| PRELIMINARY RESULTS FROM THE SYDNEY UNIVERSITY GIANT AIR SHOWER RECORDER | AFOSR68-1965 |
| STUDIES OF PRIMARY COSMIC RAYS IN THE ENERGY REGION 10-14 EV TO 10-17 EV /BOLIVIAN AIR SHOWER JOINT EXPERIMENT/ | AFOSR68-0186 |
| A MONTE CARLO SIMULATION OF THE NUCLEAR ACTIVE CASCADE IN EAS /ANALYSIS OF BOLIVIAN AIR SHOWER JOINT EXPERIMENT/ | AFOSR68-0186 |
| SHOWERS | |
| RADIO PULSES FROM AIR SHOWERS AT MT CHACALTAYA | AFOSR68-2315 |
| A STUDY OF THE CORPS OF AIR SHOWERS IN THE SIZE RANGE 1FM TO THE 4TH TO THE 7TH PARTICLES | AFOSR68-2264 |
| RADIO PULSES FROM COSMIC RAY SHOWERS | AFOSR68-2479 |
| RADIO PULSES FROM EXTENSIVE AIR SHOWERS AT 3200MT | AFOSR68-2758 |
| ORIGIN OF AN ARRAY TO RECORD AIR SHOWERS OF ENERGY UP TO 10 TO THE 21ST EV | AFOSR68-2073 |
| CERENKOV LIGHT FROM EXTENSIVE AIR SHOWERS FINAL REPORT DEC 1966 | AFOSR67-0609 |
| PREDOMINANTLY ELECTROMAGNETIC AIR SHOWERS OF ENERGY 10-14 EV TO 10-16 EV | AFOSR68-2858 |
| A THEORETICAL ANALYSIS OF EXTENSIVE AIR SHOWERS I NEAR- VERTICAL SHOWERS AT SEA LEVEL | AFOSR67-0261 |
| CORRELATION BETWEEN OPTICAL AND RADIO EMISSION FROM EXTENSIVE AIR SHOWERS AT LARGE ZENITH ANGLES | AFOSR67-1324 |
| SHOWING | |
| SOME PI-MOLECULAR COMPLEXES SHOWING NO CHARGE TRANSFER SPECTRA FORMED BY P-TOLENESULFONIC ESTERS | AFOSR68-1693 |
| SICKNESS | |
| DETERMINATION OF SICKNESS AND COMPOSITION OF THIN FILMS BY THE METHOD OF X-RAY FLUORESCENCE | ARL 68-1450 |
| SIDE | |
| SPIN WAVE SIDE BANDS OF LOCALIZED EXCITONS | AFOSR68-0885 |
| INVESTIGATION OF THE LEFWARD SIDE OF A DELTA WING AT HYPERSONIC SPEEDS | ARL 68-1106 |
| LINAR DISCRETE OPTIMAL SYSTEMS WITH SIDE CONSTRAINTS | AFOSR67-1777 |
| SIDEBAND | |
| ANALYSIS OF THE PHASE FUNCTION IN SINGLE SIDEBAND SIGNAL AND ITS APPLICATION TO SPEECH | AFOSR67-0962 |
| SIDEBANDS | |
| EVIDENCE FOR RESONANT-MOOD SIDEBANDS IN ALKALI HALIDES | AFOSR67-1445 |
| ROLE OF EXCITON DISPERSION AND EXCITON-MAGNON INTERACTIONS ON THE SHAPE OF MAGNON SIDEBANDS IN STRESSED MANGANESE | AFOSR68-1453 |
| SIDFLORE | |
| DE-COUPLED MONOPULSE EXCITATIONS FOR MAXIMUM GAIN WITH ARBITRARY SIDELOBE CONSTRAINTS | AFOSR67-0332 |
| SIDES | |
| ANALYSIS OF LUE CONVERSATION PROVIDING ACCOUNTS FINDING BREACHES AND TAKING SIDES FINAL REPORT AUG 1968 | AFOSR68-1942 |
| SIDEWISE | |
| SIDEWISE DISPERSION RELATIONS AND THE AXIAL-VECTOR COUPLING CONSTANT | AFOSR67-1711 |
| SIERRA | |
| OBSERVATIONS OF STRATOSPHERIC CLEAR-AIR TURBULENCE AND MOUNTAIN WAVES OVER THE SIERRA NEVADA MOUNTAINS FINAL REPORT | AFOSR68-0001 |
| SIGHT | |
| DETERMINATION OF PATH RADIANCE FOR DOWNWARD PATH OF SIGHT FROM GROUND-BASED OR LOW-ALTITUDE MEASUREMENT | AFOSR68-C394 |
| SIGMA | |
| PRODUCTION OF MOLECULAR NITROGEN/A TRIPLET SIGMA/ AND CARBON MONOXIDE /A TRIPLET PI/ BY MERCURY PHOTOSENSITIZATION | AFOSR68-1420 |
| ALGEBRAIC STRUCTURE OF LINEAR DYNAMICAL SYSTEMS I THE MODULE OF SIGMA | AFOSR67-1469 |
| SIGMA-BONDED | |
| GROUND STATES OF SIGMA-BONDED MOLECULES I A SEMIEMPIRICAL SCF MO TREATMENT OF HYDROCARBONS | AFOSR67-1733 |
| GROUND STATES OF SIGMA-BONDED MOLECULES II STRAIN ENERGIES OF CYCLOPROPANES AND CYCLOPROPENES | AFOSR67-2227 |
| GROUND STATES OF SIGMA-BONDED MOLECULES III VALENCE-CWELL AND PI-ELECTRON SCF MO CALCULATIONS FOR CONJUGATED | AFOSR68-1588 |
| SIGMA-PI | |
| ELECTRON SPIN RESONANCE OF SEMIQUINONES SPIN-DENSITY DISTRIBUTION AND CARBONYL SIGMA-PI PARAMETERS | AFOSR68-0380 |
| SIGMOIDAL | |
| ON THE SIGMOIDAL LAW RELATING ASSOCIATION VALUE /ALPHA/ AND SCALED MEANINGFULNESS /N PRIME/ | AFOSR68-0824 |
| SIGN | |
| SIGN OF GRAVITATIONAL ENERGY | AFOSR68-1637 |
| THE SIGN OF THE GRAVITATIONAL FORCE | AFOSR67-2524 |
| LOW-TEMPERATURE RESISTIVITY AND THE SIGN OF THE EXCHANGE INTEGRAL | AFOSR67-2728 |
| PARTIAL DERIVATIVE OF T SUB C WITH RESPECT TO PRESSURE FOR TECHNETIUM AND A COMMENT ON ITS SIGN IN RELATION TO THE | AFOSR68-1806 |
| SIGNAL | |
| SIGNAL CORRELATIONS IN FORWARD SCATTERING BY TWO-COMPONENT RANDOM DISTRIBUTIONS | AFOSR67-0224 |
| SIGNAL DISTORTION IN ANISOTROPIC HOMOGENEOUS IONIZED MEDIA I LONGITUDINAL MAGNETIC FIELD | AFOSR67-0579 |
| SIGNAL FLOW GRAPHS OF SAMPLED-DATA SYSTEMS A NEW FORMULATION | AFOSR67-1866 |
| SIGNAL ANALYSIS METHODS FOR ADAPTIVE CONTROL SYSTEMS | AFOSR68-2804 |
| SMALL SIGNAL POWER AND MOMENTUM THEOREMS FOR A MAGNETOELASTIC PERMOGNET | AFOSR67-0604 |
| DOPPLER SIGNAL ANALYSIS AND PROCESSING TECHNIQUES FOR MODIFIED /PORCUMINE/ C-BAND PULSE DOPPLER RADAR FINAL REPORT FEB | AFOSR68-0176 |
| OPTIMAL SIGNAL DESIGN FOR SEQUENTIAL SIGNALING OVER A CHANNEL FEEDBACK | AFOSR68-1975 |
| OPTIMUM SPACE-TIME SIGNAL PROCESSING AND PARAMETER ESTIMATION | AFOSR68-0464 |

SIGNAL

- CONTINUED

NEW SOLUTIONS TO THE SIGNAL DESIGN PROBLEM FOR COHERENT CHANNELS
 ROCS OBTAINED WITH TWO SIGNAL INTENSITIES PRESENTED IN RANDOM ORDER AND A COMPARISON BETWEEN YES-NO AND RATING ROCS
 A PROJECTION METHOD FOR SIGNAL DETECTION IN COLORED GAUSSIAN NOISE
 DETECTION OF AN IN-PHASE SIGNAL WITH WITHOUT UNCERTAINTY REGARDING THE INTERAURAL PHASE OF THE MASKING NOISE
 DETECTION OF AN AMBIGUOUS VISUAL SIGNAL WHILE IMAGING
 QUANTUM LIMITATIONS TO ELECTROMAGNETIC SIGNAL MEASUREMENTS FINAL REPORT DEC 1966
 ANALYSIS OF THE PHASE FUNCTION IN S BAND SIGNAL AND ITS APPLICATION TO SPEECH
 THE DIVERGENCE AND BHATTACHARYA DISTANCES IN SIGNAL SELECTION
 PROJECTION OF A NOISE-DISTORTED MULTISTATIONARY SIGNAL
 THE NUMBER OF TERMS IN THE GENERAL GAUSSIAN COATES AND MASON SIGNAL FLOW GRAPHS
 AN EXTENSION OF THE INITIAL VALUE THEOREM APPLICATION TO RANDOM SIGNAL ANALYSIS
 SCINTILLATION STUDIES USING THE EARLY HIRSH-SATellite 136-MHZ SIGNAL
 100 KHZ HOMOODYNE 35 GHZ REFLECTION-CAVITY SPECTROMETER WITH PHASE-LOCK OF THE REFERENCE SIGNAL AND LOW FREQUENCY FIELD

AFO8R67-0486
 AFOSR66-2676
 AFOSR66-0183
 AFOSR67-2393
 AFOSR66-1622
 AFOSR67-0182
 AFOSR67-0862
 AFOSR67-1040
 AFOSR66-1420
 AFOSR67-0346
 AFOSR66-1032
 AFOSR67-0655
 AFOSR67-1136

SIGNAL-DESIGN

A CONTRIBUTION TO THE SIGNAL-DESIGN PROBLEM FOR INCOHERENT PHASE COMMUNICATION SYSTEMS
 AFOSR66-2380

SIGNAL-TO-NOISE

USE OF SIGNAL-TO-NOISE RATIO THEORY TO EVALUATE PARAMETERS CHARACTERISTIC OF MULTIPLIER PHOTOTUBES
 AFOSR66-0356

SIGNALING

OPTIMAL SIGNAL DESIGN FOR SEQUENTIAL SIGNALING OVER A CHANNEL FEEDBACK
 AFOSR66-1975

SIGNALING

ON THE FEASIBILITY AND OPTIMIZATION OF LINEAR FREQUENCY MODULATION IN DIGITAL SIGNALING
 AFOSR66-1661

SIGNALS

TRANSIENT REFLECTED SIGNALS FROM AN ANISOTROPIC PLASMA
 THE EFFECT OF SUPERSEDING SIGNALS
 ON DETERMINABLE CLASSES OF SIGNALS AND LINEAR CHANNELS
 RECORDING AND DISPLAY OF REDUCED BANDWIDTH TV SIGNALS
 DIGITAL MATCHED FILTERS FOR DETECTING GAUSSIAN SIGNALS IN GAUSSIAN NOISE
 SPACE-TIME CORRELATION THEORY FOR INFORMATION-CARRYING SIGNALS
 SPACE-TIME CORRELATION THEORY FOR INFORMATION-CARRYING SIGNALS
 THE ELECTROMAGNETIC SCATTERING OF BROAD BANDWIDTH RANDOM SIGNALS BY A DISCRETE TARGET
 ANALYSIS AND SYNTHESIS OF DISCRETE-TIME SYSTEMS WITH CONTROL SIGNALS OF VARIABLE AMPLITUDE AND PULSE-WIDTH
 THE EFFECTS OF AEROSOLS IN THE ATMOSPHERE ON THE PROPAGATION OF MICROWAVE SIGNALS

AFOSR67-0065
 AFOSR67-1402
 AFOSR66-0004
 AFOSR67-0146
 AFOSR66-1919
 AFOSR67-0311
 AFOSR67-1499
 AFOSR67-0602
 AFOSR67-1487
 AFOSR67-0822

SIGNATURE

U.S. RADAR SIGNATURE ANALYSIS BASED ON MEASURED DIFFERENTIAL PHASE SHIFTS OF TARGET SCATTERING AT TWO HARMONIC
 INITIAL RESULTS OF SIMULTANEOUS RADAR-OPTICAL SIGNATURE MEASUREMENTS
 AFOSR67-0476
 ARL 67-1325

SIGNIFICANCE

SIGNIFICANCE OF IRON-RICH SILICATES IN THE MEZO-MADARAS CHONDRITE
 THE SIGNIFICANCE OF THE SECOND FORMANT IN SPEECH INTELLIGIBILITY
 ON THE SIGNIFICANCE OF TWO NEW PATTERSON FUNCTIONS FOR DISORDERED CRYSTALS
 BIOLOGICAL SIGNIFICANCE OF HIGH MOLECULAR WEIGHT POLYPEPTIDES FINAL REPORT JUNE 1967
 ON THE TISSUE SPECIFICITY AND BIOLOGICAL SIGNIFICANCE OF ALDOLASE C IN THE CHICKEN
 SYNCHROTRON RADIATION OF NEUTRONS AND ITS ASTROPHYSICAL SIGNIFICANCE

AFOSR67-0012
 AFOSR67-1414
 AFOSR67-2489
 AFOSR67-1208
 AFOSR67-0266
 AFOSR67-1147

SIGNIFICANT

A SIGNIFICANT ADVANCE IN THE STUDY OF ION-MOLECULE REACTIONS
 ARL 66-1049

SILACYCLOBUTANES

INSERTION OF CCL2 INTO THE SILICON-CARBON BOND OF SILACYCLOBUTANES
 AFOSR67-0983

SILANE

SOME ALKYL SILANE CHEMISTRY
 ARL 66-1432

SILANE-OZONE

FREQUENCY IN THE SILANE-OZONE REACTION
 ARL 66-0191

SILANES

OPTICALLY ACTIVE SILANES AND THEIR REACTIONS- THE PERMYDROMETHYL-L-NAPHTHYL-PHENYLSILYL SYSTEM
 INHIBITION OF THE HYDROGEN-OXYGEN REACTION BY ALKYL SILANES
 ARL 66-0346
 AFOSR66-2664

SILICA

THE MODELING ENERGY OF MINERALS POLYMORPHS OF SILICA
 A STUDY OF SOME FACTORS WHICH INFLUENCE THE GROWTH OF CUPROUS CHLORIDE IN SILICA GEL
 AFOSR67-2427
 AFOSR67-0445

SILICATE

ESR STUDY OF MANGANESE-DOPED ALPHA-ZINC SILICATE CRYSTALS
 SPECTRAL STUDY OF THE INTERCONVERSION OF EUROPIUM PLUS 2 SPECTRA AND EUROPIUM PLUS 3 SPECTRA IN SILICATE GLASSES
 AFOSR67-1572
 AFOSR66-1951

SILICATES

SIGNIFICANCE OF IRON-RICH SILICATES IN THE MEZO-MADARAS CHONDRITE
 AFOSR67-0012

SILICON

SILICON SUBOXIDES
 ATOMIC SILICON REACTION WITH TRIMETHYLSILANE
 CLASSES OF SILICON SUBOXIDES
 CLASSES OF SILICON SUBOXIDES
 CLASSES OF SILICON SUBOXIDES
 HEAVILY DOPED SILICON AS A LOW TEMPERATURE TRANSMISSION FILTER FOR THE FAR INFRARED
 PENTACORDINATE SILICON THE CRYSTAL STRUCTURE OF DIMETHYLSILYLAMINE PENTAMER
 OPTICALLY ACTIVE SILICON COMPOUNDS AND THEIR REACTIONS
 RADIATION HARDENED SILICON POWER TRANSISTORS
 THE INVESTIGATION OF SILICON CARBIDE BY A TRAVELLING SOLVENT METHOD FINAL REPORT APR 1967
 NUCLEOSYNTHESIS DURING SILICON BURNING
 THE GROWTH AND ETCHING OF SILICON THROUGH WINDOWS IN SILICON OXIDE

ARL 66-1063
 AFOSR66-2096
 ARL 67-1109
 ARL 67-1341
 ARL 66-1230
 AFOSR67-1343
 AFOSR66-0941
 ARL 67-1242
 AFOSR66-0432
 AFOSR67-0271
 AFOSR66-0728
 AFOSR67-2086

SILICON

- CONTINUED

RADIATION DAMAGE STUDIES OF SILICON PHOTODIODES AND MAGNETIC DEVICES FINAL REPORT APR 1968
 RESPONSE OF LITHIUM DRIFTED SILICON RADIATION DETECTORS TO HIGH ENERGY CHARGED PARTICLES
 THERMOOPTICAL CONSTITUTION OF SILICON CARBIDE
 TUNNELING BETWEEN A METAL AND SILICON SEPARATED BY A POLYMER INSULATOR
 NUCLEAR QUASI-EQUILIBRIUM DURING SILICON BURNING
 INFRARED SPECTRA AND STRUCTURE OF SILICON CARBIDE TETRACARBONYLS
 CONDUCTION PROPERTIES OF PYROLYTIC SILICON NITRIDE FILMS
 THE CONVERSION OF CUBIC TO HEXAGONAL SILICON CARBIDE AS A FUNCTION OF TEMPERATURE AND PRESSURE
 THE PROPERTIES OF DEFECTS INTRODUCED IN SILICON BY 10-MEV ELECTRON IRRADIATION FINAL REPORT JUNE 1968
 NEAREST-NEIGHBOR ELECTRON SCATTERING IN SILICON
 FAR INFRARED RESONANT ABSORPTION IN N-TYPE SILICON
 PHYSICAL INVESTIGATION OF THE MESOPLASMA IN SILICON
 ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF SILICON CARBIDE
 INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SILICON CARBIDE BY THE TRAVELLING SOLVENT AND OTHER METHODS
 DETERMINATION OF CARBON NITROGEN AND OXYGEN IN SILICON BY ACTIVATION ANALYSIS
 RECALCULATION OF FORCE CONSTANTS IN CARBON AND SILICON CARBIDE TETRACARBONYLS
 CHARGE COLLECTION EFFICIENCIES FOR LITHIUM DRIFTED SILICON AND GERMANIUM DETECTORS IN THE X-RAY ENERGY REGION
 THE GROWTH AND ETCHING OF SILICON THROUGH WINDOWS IN SILICON OXIDE
 LOW-ENERGY-ELECTRON DIFFRACTION STUDY OF THE EPITAXY OF SILICON ON SILICON
 EFFECTS OF MULTIPLY-CHARGED GOLD IMPURITY ON THE BREAKDOWN VOLTAGE OF SILICON P-N JUNCTIONS
 THE LINEARITY OF THE CHARGE CONVERSION FUNCTION FOR COOLED LITHIUM-DRIFTED SILICON DETECTORS IN RESPONSE TO X-RAY AND
 INPUT POWER INDUCED THERMAL EFFECTS RELATED TO TRANSITION TIME BETWEEN AVALANCHE AND SECOND BREAKDOWN IN P-N SILICON

SILICON-ALKYL

THE OXIDATIVE CLEAVAGE OF ORGANOSILANES III OZONE AND THE SILICON-ALKYL -ARYL -HYDROGEN AND -OXYGEN BONDS

SILICON-CARBON

INSERTION OF CCL₂ INTO THE SILICON-CARBON BOND OF SILACYCLOUTANES

SILICON-DOPED

LOCAL MODE ABSORPTION IN COMPENSATED SILICON-DOPED GALLIUM ARSENIDE

SILICON-MERCURY

CX₂ INSERTION INTO THE SILICON-MERCURY AND GERMANIUM-MERCURY BONDS

SILICONES

THERMAL DEGRADATION OF SILICONES

SILVER

ELASTIC CONSTANTS OF SILVER CHLORIDE
 MELTING CURVES OF COPPER SILVER GOLD AND PLATINUM TO 70 KILOBAR
 SURFACE LATTICE DYNAMICS OF SILVER I LOW-ENERGY ELECTRON DEBYE-WALLER FACTOR
 SURFACE LATTICE DYNAMICS OF SILVER II LOW-ENERGY ELECTRON THERMAL DIFFUSE SCATTERING
 EPITAXIAL GROWTH OF GOLD AND SILVER ON MAGNESIUM OXIDE CLEAVED IN ULTRAHIGH VACUUM
 SURFACE STRUCTURE OF CLEAN GOLD AND SILVER SURFACES
 DISLOCATION DISTRIBUTION IN DEFORMED SILVER SINGLE CRYSTALS
 SOLUBILITY AND COMPLEX FORMATION EQUILIBRIA OF SILVER CHLORIDE IN PROPYLENE CARBONATE
 SURFACE DISLOCATION SOURCES AND PLASTIC FLOW IN SILVER MONOCRYSTALS
 MOLECULAR-BEAM SCATTERING FROM THE $\{111\}$ PLANE OF SILVER
 LOW-ENERGY ELECTRON DIFFRACTION STUDIES OF EPITAXIAL GROWTH OF SILVER AND GOLD IN ULTRAHIGH VACUUM
 MILLIMETER- AND SUBMILLIMETER-WAVE SPECTRA AND MOLECULAR CONSTANTS OF SILVER CHLORIDE
 ELECTROCHEMICAL MASKING WITH AN ADSORBED METAL COMPLEX DETERMINATION OF SILVER- MERCURY MIXTURES
 SCATTERING OF HELIUM NEON ARGON AND XENON FROM THE $\{111\}$ PLANE ON NICKEL COMPARISON WITH SILVER $\{111\}$ & GOLD $\{111\}$

SILVER-INDIUM

PATENT PROCESS OF FORMING PASSIVATING INTERNAL INSULATING BANDS IN SILVER-INDIUM ALLOYS

SILYL

STABLE AND UNSTABLE SILYL AND GERMYL COMPOUNDS FINAL REPORT MARCH 1967

SILYLETHYLENEDIAMINE

NEW ANIONIC REARRANGEMENTS VIII I 4-ANIONIC REARRANGEMENT OF SILYLETHYLENEDIAMINES

SIMILAR

A FINITE-DIFFERENCE SOLUTION OF SIMILAR NONEQUILIBRIUM BOUNDARY LAYERS
 THE IONIZATION ENERGIES OF SOME PHENOTHAZINE TRANQUILLIZERS AND MOLECULES OF SIMILAR STRUCTURE

SIMILARITY

SIMILARITY SOLUTIONS FOR TWO-DIMENSIONAL STEADY VISCOUS TWO BOUNDARY LAYERS
 SIMILARITY SOLUTIONS FOR THE RETARDED COMPRESSIBLE BOUNDARY LAYER WITH HEAT AND MASS TRANSFER FINAL REPORT MARCH 1967
 SIMILARITY SOLUTIONS FOR THE COMPRESSIBLE LAMINAR BOUNDARY LAYER WITH HEAT AND MASS TRANSFER
 SOME SIMILARITY TRANSFORMATIONS IN MAGNETOHYDRODYNAMICS
 EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART I
 EFFECTS OF ELECTRODE GEOMETRY SIMILARITY ON SCALING LAWS IN ELECTROFLUIDDYNAMIC ENERGY CONVERSION PROCESSES - PART II

SINORANIC

MODIFICATION OF THE MODEL 254C SINORANIC DOUBLE-SPECTRUM /SPECTRUM/ ANALYZER FOR IMPROVED EXTRACTION OF PITCH DATA

SIMPLE

SIMPLE INSTABILITY MECHANISMS FOR DYNAMIC LOADING FINAL REPORT MAR 1968
 SIMPLE FORMULA FOR THE DRELL-VALECKA FORM FACTORS IN QUASI-ELASTIC ELECTRODYNAMIC PROCESSES
 SIMPLE CIRCUIT FOR HERMETIC GLOWER CONTROL
 SIMPLE AND FUNCTION FOR THE LITHIUM MOLECULE
 SIMPLE METHOD FOR MAKING SULFUR TARGETS
 SIMPLE GUN REGULATOR FOR ON-OFF THERMOSTATIC CONTROL
 SIMPLE MOVABLE PROBE FOR VACUUM
 SIMPLE MOVABLE PROBE FOR VACUUM
 A SIMPLE TWO-LAYER MODEL AND ITS EXTENSION
 A SIMPLE METHOD FOR CALCULATING VAN DER WAALS INTERACTIONS
 A SIMPLE LABORATORY MODEL FOR THE OCEANIC CIRCULATION
 A SIMPLE METHOD FOR MEASURING ELECTRON DENSITY IN A PLASMA
 A SIMPLE RULE FOR CHECKING THE VALIDITY OF CERTAIN DEFLECTION FORMULAS
 A SIMPLE VACUUM SEAL FOR NON-CIRCULAR TUBES

SIMPLE

- CONTINUED

A SIMPLE DEVICE FOR SAMPLING GASES WITHOUT AIR CONTAMINATION
 A SIMPLE EXAMPLE OF AN EXPLICIT NONLINEAR WAVE PROPAGATOR
 TESTS FOR A SIMPLE LEARNING AND PERCEIVING ARTIFACT
 PROPERTIES OF SIMPLE LIQUIDS
 THE BEHAVIOR OF A SIMPLE QUEUE AT VARIOUS TIMES AND EPOCHS
 SELF-DIFFUSION IN SIMPLE LIQUIDS THE LINEAR TRAJECTORY APPROXIMATION
 IONIC POLYMERIZATION OF SIMPLE UNSATURATED HYDROCARBONS, ACETYLENE AND ETHYLENE
 RELAXATION AND MOTION IN SIMPLE SYSTEMS FINAL REPORT MAY 1968
 THE ELECTRONIC SPECTRA OF SIMPLE MOLECULES FINAL REPORT JULY 1968
 ANALYSIS AND EVALUATION OF SIMPLE ELECTROMAGNETIC MODELS FOR LASERS IN AXIAL MAGNETIC FIELDS AND PLANE DIFFRACTION
 TRANSPORT PHENOMENA IN THE SIMPLE METALS
 CONSERVATIVE INFERENCE WITH SIMPLE AND DIFFUSE HYPOTHESES FINAL REPORT AUG 1967
 MOLECULAR THERMODYNAMICS OF SIMPLE LIQUIDS
 ELASTICITY OF SOFT TISSUES IN SIMPLE ELONGATION
 USING ELECTRONIC CIRCUITS TO MODEL SIMPLE MECHANO-ELECTRIC INTERACTIONS
 NEGATIVE ION-MOLECULE REACTIONS IN SIMPLE INORGANIC SYSTEMS
 STUDIES OF THE ELECTRONIC STATES OF SIMPLE LIQUIDS
 DISCONTINUOUS MAGNETOFLUIDDYNAMICS A SIMPLE LIQUID SIMULATION
 STUDY OF SPECTRAL REPRESENTATIONS FOR SIMPLE QUANTUM-MECHANICAL SYSTEMS
 MAGNETO-OPTICAL AND RELATED STUDIES IN SIMPLE OXIDE CRYSTALS FINAL REPORT MARCH 1968
 FIELD DEPENDENCE OF THE KNIGHT SHIFT IN SIMPLE METALS
 PRIMARY PHOTO-CHEMICAL PROCESSES IN SOME SIMPLE AROMATIC MOLECULES
 SINGLE UNIT STUDIES OF CORTICAL CODING OF SIMPLE ACOUSTIC STIMULI
 DISPROPORTIONATION TO COMBINATION RATIOS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL, ISOPROPYL, ISOBUTYL AND
 DYNAMIC SNAP-THROUGH OF AN ELASTIC IMPERFECT SIMPLE SHALLOW TRUSS
 THE STATISTICAL AND COMPUTATIONAL ANALYSIS OF A SIMPLE LEARNING PROGRAM FINAL REPORT MARCH 1968
 DISPROPORTIONATION AND COMBINATION REACTIONS OF SIMPLE ALKYL RADICALS/ METHYL, ETHYL, N-PROPYL AND ISOPROPYL
 EQUIVALENT GAUSSIAN MEASURES WITH A PARTICULARLY SIMPLE RADON-NIKODYM DERIVATIVE
 MOMENT METHOD APPROXIMATION FOR THE VISCOSITY OF SIMPLE LIQUIDS APPLICATION TO ARGON
 MOMENTS OF THE MOMENTUM DENSITY CORRELATION FUNCTIONS IN SIMPLE LIQUIDS
 ANHARMONIC CONTRIBUTIONS TO THE HELMHOLTZ FREE ENERGY OF A SIMPLE CRYSTAL MODEL HIGH-TEMPERATURE LIMIT AND ZERO-POINT
 AUTOMATIC QUESTION-ANSWERING OF ENGLISH-LIKE QUESTIONS ABOUT SIMPLE DIAGRAMS
 FREQUENCY DEPENDENT FICTION CONSTANT ANALYSIS OF DIFFUSION IN SIMPLE LIQUIDS
 NEW APPROXIMATION FOR THE CALCULATION OF NEUTRON SCATTERING FROM A SIMPLE LIQUID
 COMMENTS ON THE EXPERIMENTAL AND THEORETICAL STUDY OF TRANSPORT PHENOMENA IN SIMPLE LIQUIDS
 THEORY OF EXCITONS IN LIQUIDS II NONRESONANT BROADENING OF IMPURITY SPECTRA IN SIMPLE LIQUIDS
 ON THE THEORY OF EXCITONS IN LIQUIDS II A CLASSICAL MODEL OF POLARIZATION WAVES IN A SIMPLE LIQUID
 FINITE-TEMPERATURE TRANSPORT PROPERTIES OF NORMAL FERMION SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE MODEL

AFOSR67-2708
 AFOSR68-2261
 AFOSR67-2719
 AFOSR68-1360
 AFOSR67-1882
 AFOSR67-2772
 ARL 67-1237
 AFOSR68-1184
 AFOSR68-1052
 AFOSR67-1766
 AFOSR67-2131
 AFOSR67-1877
 AFOSR68-1318
 AFOSR68-0640
 AFOSR68-2118
 ARL 68-1436
 AFOSR68-1095
 AFOSR68-1936
 AFOSR67-2190
 AFOSR68-0481
 AFOSR67-0683
 AFOSR68-2011
 AFOSR68-2771
 ARL 67-1111
 AFOSR67-2452
 AFOSR68-0505
 ARL 67-0808
 AFOSR67-2394
 AFOSR68-2214
 AFOSR68-2221
 AFOSR68-0053
 AFOSR68-1303
 AFOSR68-1964
 AFOSR68-0721
 AFOSR68-2000
 AFOSR68-0024
 AFOSR67-2187
 AFOSR67-0066

SIMPLER

A SIMPLER PROOF OF SMITHS ROULETTE THEOREM

AFOSR68-1533

SIMPLIFICATION

SIMPLIFICATION AND SYMMETRIZATION OF THE FIKMAN RELATION FOR VISCOSITY OF CRITICAL MIXTURES
 ON CANONICAL FORMS AND SIMPLIFICATION

AFOSR67-1261
 AFOSR68-1595

SIMPLIFIED

SIMPLIFIED CONDITIONS FOR CONTROLLABILITY AND OBSERVABILITY OF LINEAR TIME-INVARIANT SYSTEMS
 SIMPLIFIED MODEL FOR A THREE-PARTICLE REGGE TRAJECTORY
 SIMPLIFIED VARIATIONAL AND PHYSICAL ANALYSIS OF HEAT TRANSFER IN LAMINAR AND TURBULENT FLOW
 SIMPLIFIED MOUNTING FOR QUADRUPOLE MASS FILTER ROOS
 SIMPLIFIED LANGUAGE FOR ABSTRACT MATHEMATICAL STRUCTURES
 A SIMPLIFIED PROCEDURE FOR CORRECTING A MEASURED ANGULAR DISTRIBUTION OF PARTICLES FOR DISTORTION BY A SCATTERING
 A SIMPLIFIED FORMAT FOR THE MODEL ELIMINATION THEOREM-PROVING PROCEDURE
 A SIMPLIFIED MODEL FOR THERMAL SHOCK AND SPALLATION IN PARTIALLY TRANSPARENT ELASTIC MATERIALS UNDER EMERGETIC
 THEORY OF EXCITONS IN LIQUIDS IV A SIMPLIFIED TREATMENT OF THE SHIFT AND DAMPING OF POLARIZATION WAVES

AFOSR67-0340
 AFOSR67-1735
 AFOSR68-0103
 AFOSR68-0734
 AFOSR68-2325
 AFOSR68-0552
 AFOSR68-0016
 AFOSR68-1552
 AFOSR68-1977

SIMPLIFY

ON THE USE OF SYMMETRY TO SIMPLIFY THE CONSTITUTIVE EQUATIONS OF ISOTROPIC MATERIALS WITH MEMORY

AFOSR68-2667

SIMULATED

EFFECT OF SIMULATED SOCIAL FEEDBACK ON INDIVIDUAL TRACKING PERFORMANCE
 WIND TUNNEL TESTS OF SIMULATED SPHERICAL MASTSTONES WITH VARIABLE ROUGHNESS
 VISUAL PERCEPTION IN SIMULATED SPACE CONDITIONS FINAL REPORT JUNE 1968
 RHYTHMIC ACTIVITY IN A SIMULATED NEURONAL NETWORK
 AN EXPERIMENTAL STUDY OF SIMULATED PLASMA-COVERED SLOTS
 VELOCITY-SHAPE INSTABILITIES IN A SIMULATED FUSION PLASMA AND LASER GENERATION OF PLASMA FINAL REPORT JUNE 1968
 INDIVIDUAL PERFORMANCE AND SELF-EVALUATION IN A SIMULATED TEAM

AFOSR67-1400
 AFOSR67-1910
 AFOSR68-1212
 AFOSR67-0207
 AFOSR68-0152
 AFOSR68-1756
 AFOSR67-2298

SIMULATION

SIMULATION STUDY OF INFRARED COUNTERMEASURES
 LABORATORY SIMULATION OF LUNAR LUMINESCENCE WITH SPECIAL REFERENCE TO METEORITIC MATERIAL FINAL REPORT DEC 1967
 ANALYSIS AND SIMULATION OF WORD-SELECTION PROCEDURES IN ERROR-FREE COMMUNICATION SYSTEMS PART II - PRESENTATION AND
 MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING RADIATION ON SEMICONDUCTORS
 MATHEMATICAL SIMULATION OF THE EFFECTS OF IONIZING RADIATION ON SEMICONDUCTORS
 A MONTE CARLO SIMULATION OF THE NUCLEAR ACTIVE CASCADE IN EAS/ANALYSIS OF BOLIVIAN AIR SHOWER JOINT EXPERIMENT/
 PROSPECTS FOR SIMULATION AND SIMULATORS OF DYNAMIC SYSTEMS SPARTAN BOOKS NEW YORK 1967 FINAL REPORT JAN 1967
 A MONTE CARLO SIMULATION OF AIR SHOWER CORES
 DESIGN OF A DIGITAL SIMULATION OF THE POLAR PLANIMETER FOR CALCULATING AREAS OF ECHOES FROM RADAR WEATHER OBSERVATIONS
 REALISM IN LABORATORY SIMULATION WITH OR WITHOUT
 SUPERSONIC COMBUSTION SIMULATION
 SUPERSONIC COMBUSTION SIMULATION
 RESEARCH ON THE ANALOGICAL SIMULATION OF NEURAL BEHAVIOR FINAL REPORT JUNE 1967
 THE DISASTER RESEARCH CENTER SIMULATION STUDIES OF UNDER STRESS FINAL REPORT FEB 1967
 THREE-DIMENSIONAL MONTE CARLO SIMULATION OF EXTENSIVE AIR-SHOWERS
 A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES
 A FACILITY FOR HYPERSONIC FLOW SIMULATION OVER BLUNT-NOSED BODIES
 INVESTIGATION OF LASER RADIATION SIMULATION FOR MICROELECTRONIC DEVICE HARDENING FINAL REPORT JAN 1967
 SCADA A PROGRAMMING SYSTEM FOR THE SIMULATION OF COMBINED ANALOG DIGITAL SYSTEMS
 A FACILITY FOR BLUNT BODY RE-ENTRY FLOW SIMULATION
 CONTRIBUTIONS TO THE THEORY OF NUMERICAL SIMULATION
 UNDER ATMOSPHERIC DENSITY PROFILES BY WIND TUNNEL SIMULATION OF NITRIC OXIDE RELEASES
 DISCONTINUOUS MAGNETOFLUIDDYNAMICS A SIMPLE LIQUID SIMULATION
 SOME CRITICAL REMARKS ON A NEW NUMERICAL METHOD FOR SIMULATION OF DYNAMICAL SYSTEMS
 DEVELOPMENT OF A FACILITY FOR SUPERSONIC COMBUSTION SIMULATION
 THE FLUID TRANSPORTATION AND AS A RADIATION SOURCE FOR SOLAR SIMULATION
 THE FLUID TRANSPORTATION AND AS A RADIATION SOURCE FOR SOLAR SIMULATION
 A COMPUTER-AIDED INSTRUCTIONAL SYSTEM FOR TRANSMISSION LINE SIMULATION
 HALF-SCALE ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS
 HALF-SCALE ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS

ARL 68-1298
 AFOSR68-0235
 AFOSR67-0894
 AFOSR68-0246
 AFOSR68-0564
 AFOSR68-0184
 AFOSR68-1361
 AFOSR68-2400
 AFOSR68-0341
 AFOSR67-1726
 ARL 67-1217
 ARL 67-1216
 AFOSR67-1313
 AFOSR68-0751
 AFOSR68-0574
 ARL 67-0148
 ARL 67-1213
 AFOSR67-0102
 AFOSR67-251A
 ARL 68-1126
 AFOSR68-2412
 AFOSR67-0053
 AFOSR68-1935
 AFOSR67-1018
 ARL 67-0154
 AFOSR67-2363
 AFOSR68-0762
 AFOSR68-1654
 ARL 68-1189
 ARL 68-1382

SIMULATORS

PROSPECTS FOR SIMULATION AND SIMULATIONS OF DYNAMIC SYSTEMS SPARTAN BOOKS NEW YORK 1967 FINAL REPORT JAN 1967

AFOSR66-1361

SIMULTANEOUS

SIMULTANEOUS APPROXIMATION IN GAIN AND PHASE OF TWO-PORTS USING LATTICE OF PARALLELED RESONATORS
 SIMULTANEOUS OBSERVATIONS OF HA AND THE K-LINE OF CA II IN THE SOLAR SPECTRUM
 SIMULTANEOUS PARALLEL PUMPING OF NUCLEAR AND ELECTRONIC SPIN WAVES
 SIMULTANEOUS BALLOON MEASUREMENTS OF AURORAL X-RAYS DURING SLOWLY VARYING IONOSPHERIC ABSORPTION EVENTS
 SIMULTANEOUS DEMONSTRATION OF ADRENERGIC AND NON-ADRENERGIC NERVE FIBERS
 SIMULTANEOUS OBSERVATIONS OF A PULSATING RADIO SOURCE OVER A 5,000 KM BASELINE
 SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES AGAINST CERTAIN ALTERNATIVES FINAL REPORT MARCH 1967
 SIMULTANEOUS TEST FOR MULTIPLE COMPARISONS OF GROWTH CURVES FINAL REPORT SEP 1967
 SIMULTANEOUS LINEAR ESTIMATION OF THE MEAN AND STANDARD DEVIATION OF THE NORMAL AND LOGISTIC DISTRIBUTION BY THE USE
 SIMULTANEOUS LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE EXTREME-VALUE DISTRIBUTION USING SELECTED
 SIMULTANEOUS TEST PROCEDURES
 SIMULTANEOUS APPROXIMATION OF A FUNCTION AND ITS DERIVATIVES
 SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES AGAINST CERTAIN ALTERNATIVES FINAL REPORT SEP 1968
 SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MULTI-RESPONSE GROWTH CURVES
 SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
 SIMULTANEOUS TESTS FOR MULTIPLE COMPARISONS OF MULTI-RESPONSE GROWTH CURVES
 SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
 INITIAL RESULTS OF SIMULTANEOUS RADAR-OPTICAL SIGNATURE MEASUREMENTS
 FACILITATION OF CONCEPT LEARNING BY A SIMULTANEOUS CONTRAST PROCEDURE
 ANISOTROPIC PROPAGATION OF SOLAR PROTONS DEDUCED FROM SIMULTANEOUS OBSERVATIONS BY EARTH SATELLITES AND THE MARINER
 RECOGNITION PERFORMANCE AS A FUNCTION OF DETECTION CRITERION IN A SIMULTANEOUS DETECTION-RECOGNITION TASK

AFCL67-0868
 AFCL68-0197
 AFOSR66-0802
 AFOSR66-1334
 AFOSR66-1649
 AFOSR66-2889
 ARL 67-0044
 ARL 67-0199
 ARL 67-1002
 ARL 67-1004
 ARL 67-1025
 ARL 67-1105
 ARL 68-0160
 ARL 68-1298
 ARL 68-1261
 ARL 68-1464
 ARL 68-1468
 ARL 67-1320
 AFOSR66-0862
 AFOSR67-1212
 AFOSR66-2674

SINGLE

SINGLE TFE AND D1 TWO-PORTS RESISTIVELY TERMINATED AND HAVING A PRESCRIBED DRIVING-POINT IMMITTANCE
 SINGLE PARTICLE GREENS FUNCTION FOR A ONE-DIMENSIONAL MANY-FERMION SYSTEM
 SINGLE UNIT STUDIES OF CORTICAL CODING OF SIMPLE ACOUSTIC STIMULI
 THORIA SINGLE CRYSTALS GROWN BY VAPOR DEPOSITION IN A SOLAR FURNACE
 STUDY OF SINGLE CRYSTALS UNDER THERMAL GRADIENTS 1/11/ FINAL REPORT JULY 1968
 RESEARCH ON SINGLE CRYSTAL ELECTRON EMITTERS FINAL REPORT NOV 1967
 INFLUENCE OF SINGLE SCATTERING ALBEDO ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS
 DEPOSITION OF SINGLE CRYSTAL OXIDE FILMS BY EVAPORATION AND SPUTTERING FINAL REPORT AUG 1967
 THE GROWTH OF SINGLE CRYSTALS OF THE CHARGE TRANSFER COMPLEXES FINAL REPORT NOV 1967
 GROWTH OF 2ND SINGLE CRYSTALS
 ADSORPTION ON SINGLE CRYSTAL PLANES; FINAL REPORT SEP 1967
 ADSORPTION ON SINGLE CRYSTAL PLANES
 EVIDENCE FOR A SINGLE GROUND STATE IN THE MAGNETIC IMPURITY PROBLEM
 BEHAVIOR OF THE SINGLE COMPONENTS OF THE VISUAL EVOKED POTENTIAL DURING SLEEP IN MAN/ITALIAN/
 RARE EARTH METAL SINGLE CRYSTALS II MAGNETIC PROPERTIES OF THULIUM EUROPIUM SAMARIUM AND YTERBIUM
 CYCLOTRON RESONANCE IN SINGLE CRYSTAL GRAPHITE AT 72 /GIGAHERTZ/
 WER-OF-MORITE GROWTH OF SINGLE CRYSTALS OF TIN
 DIFFUSION OF CU IN COS SINGLE CRYSTALS
 EFFECT OF STRESS ON COS SINGLE CRYSTALS
 REFRACTIVE INDEX OF 2ND SINGLE CRYSTALS
 REFRACTIVE INDEX OF 2ND SINGLE CRYSTALS
 INTERFERENCE EFFECTS AT THE SINGLE PHOTON LEVEL
 STUDIES ON THE COMPETENCE OF SINGLE CELLS TO PRODUCE ANTIBODIES OF TWO SPECIFICITIES
 RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS
 RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS FINAL REPORT MAY 1968
 INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SILICON CARBIDE BY THE TRAVELLING SOLVENT AND OTHER METHODS
 INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SiC BY THE TRAVELLING SOLVENT AND OTHER METHODS FINAL REPORT APR 1968
 TYPES OF INFORMATION STORED IN SINGLE NEURONS
 PREPARATION OF ORIENTED MERCURY SINGLE CRYSTALS
 NECESSARY CONDITIONS FOR OPTIMAL SINGLE IMPULSE TRANSFER
 ANALYSIS OF THE PHASE FUNCTION IN SINGLE SIDEBAND SIGNAL AND ITS APPLICATION TO SPEECH
 SUB-OPTIMAL CONTROL OF NON-LINEAR SINGLE INPUT SYSTEMS
 A TWO-SEGMENT COLUMN PROCEDURE FOR SINGLE STEP ISOLATION OF DEXTRAN FROM RED CELL SUSPENSIONS
 APPROACH TO MAGNETIC SATURATION IN SINGLE CRYSTAL THULIUM AT 42 SUPER O K AND 140 KG
 NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF CADMIUM SULFIDE
 NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF COS
 REPRESENTATION OF BINAURAL STIMULI BY SINGLE UNITS IN PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS
 PHOTON-ENHANCED FIELD EMISSION FROM COS SINGLE CRYSTALS
 ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF AMMONIUM TRIFLUOROACETATE
 OPTIMAL COOPERATIVE RENOVIZIUS OF LINEAR SINGLE INPUT SYSTEMS
 PROPAGATION OF FINITE AMPLITUDE WAVES IN SINGLE CRYSTALS OF HIGH-PURITY ALUMINIUM
 ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF GUANINE HYDROCHLORIDE DIHYDRATE
 A STABILITY CRITERION FOR SYSTEMS WITH A SINGLE SLOPE -RESTRICTED MONOTONE NONLINEARITY
 ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF DEOXYADENOSINE MONOPHOSPHATE
 MECHANISMS OF FATIGUE HARDENING IN COPPER SINGLE CRYSTALS
 ULTRAVIOLET REFLECTIVITY STUDIES OF COS/SE SINGLE CRYSTAL SOLID SOLUTIONS
 LINEAR COMPRESSIBILITIES OF II-VI COMPOUND SINGLE CRYSTALS
 DISLOCATION DISTRIBUTION IN DEFORMED SILVER SINGLE CRYSTALS
 RELEASE OF COORDINATED BEHAVIOR IN CRAYFISH BY SINGLE CENTRAL NEURONS
 GROWTH AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS FINAL REPORT FEB 1967
 OPTICAL ABSORPTION COEFFICIENTS OF VANADIUM PENTOXIDE SINGLE CRYSTALS FINAL REPORT MARCH 1967
 TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES
 A STUDY OF THE PHYSICAL PROPERTIES OF HIGH-TEMPERATURE SINGLE CRYSTALS FINAL REPORT SEPT 1967
 ENERGY RAND MODEL FOR INFRA-RED STIMULATED EMISSION IN ZNS SINGLE CRYSTALS
 GROWTH PROCESSING AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS
 PROCESSING GROWTH AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS
 GROWTH PROCESSING AND CHARACTERIZATION OF B-SILICON CARBIDE SINGLE CRYSTALS
 FLUX GROWTH AND CHARACTERIZATION OF BETA GALLIUM SESQUI OXIDE SINGLE CRYSTALS
 SIZE EFFECTS IN THE ELECTRONIC THERMAL CONDUCTIVITY OF GALLIUM SINGLE CRYSTALS
 HEAT TREATMENT EFFECTS ON SOME PHYSICAL PROPERTIES OF METALLIC SINGLE CRYSTALS
 RELATIONSHIPS BETWEEN DEFENSIVE INDUCED PHASIC EEG ACTIVITY AND SINGLE UNIT DISCHARGE IN THE PONTINE RETICULAR
 MECHANISMS OF INNATE PATTERN LEARNING MEMORY AND READ-OUT WITHIN SINGLE NEURONS FINAL REPORT DEC 1967
 ELECTROLYTIC GROWTH AND PREPARATIONS OF TRANSITION METAL COMPOUND SINGLE CRYSTALS
 METHOD FOR PRODUCTION OF PLAZED OPTICAL DIFFRACTION GRATINGS FROM SINGLE CRYSTAL MATERIALS
 AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF II-VI COMPOUND SINGLE CRYSTAL PLATELETS
 THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS- PART I THE SINGLE ENERGY LEVEL DEFECT CENTERS
 FACTORS AFFECTING THE INITIAL PLASTIC BEHAVIOR OF CLOSE PACKED METAL SINGLE CRYSTALS FINAL REPORT APRIL 1968
 ANALYSIS OF NUCLEAR-QUADRUPOLE-RESONANCE SPECTRA IN ANTIFERROMAGNETIC SINGLE CRYSTALS
 EXPERIMENTS ON THE A C ELECTROLUMINESCENCE OF COPPER DOPED ZINC SULFIDE SINGLE CRYSTALS
 TIME DEPENDENCE OF SPECTRAL COMPONENTS OF THE ELECTROLUMINESCENCE OF ZNS SINGLE CRYSTALS PART C FINAL REPORT AUG 1967
 AN EXPERIMENTAL STUDY OF THE DOUBLE SLIP DEFORMATION HYPOTHESIS FOR FACE-CENTRED CUBIC SINGLE CRYSTALS

AFCL67-0430
 AFOSR66-1468
 AFOSR66-2771
 AFOSR67-1139
 AFOSR66-1833
 AFCL67-0669
 AFCL67-0550
 AFAL 67-0139
 AFCL67-0635
 ARL 67-0105
 ARL 67-0190
 ARL 67-1080
 AFOSR67-1876
 AFOSR67-1854
 AFOSR66-1010
 AFOSR67-2727
 AFOSR66-1495
 ARL 67-1318
 ARL 67-0143
 ARL 67-1011
 ARL 67-1290
 AFOSR67-2320
 AFOSR66-2724
 ARL 67-0070
 ARL 68-0094
 AFCL67-0500
 AFCL67-0288
 AFOSR67-1371
 AFOSR67-0196
 AFOSR67-0350
 AFOSR67-0862
 AFOSR66-2348
 AFOSR67-1883
 AFOSR67-2747
 ARL 68-0254
 ARL 68-1455
 AFOSR66-2778
 AFOSR67-1383
 AFOSR67-1476
 AFOSR67-1992
 AFOSR67-1939
 AFOSR66-0163
 AFOSR66-2822
 AFOSR66-2236
 ARL 67-0203
 ARL 67-1013
 ARL 68-0296
 AFOSR67-0968
 AFOSR67-0267
 AFCL67-0218
 AFOSR67-0746
 AFOSR67-1452
 AFCL67-0445
 ARL 68-1453
 AFCL67-0557
 AFCL68-00160
 AFCL68-00543
 AFOSR67-0821
 AFOSR66-2807
 AFOSR66-1718
 AFOSR67-2587
 AFOSR67-2831
 ARL 67-0239
 AFOSR66-0333
 ARL 67-0264
 AFOSR67-1650
 AFOSR66-1109
 AFOSR66-0050
 AFOSR67-0355
 AFOSR67-2786
 AFOSR67-1001

SINGLE-BEAM-LASER

SINGLE-BEAM-LASER ROTATION-RATE SENSOR

AFOSR67-1791

SINGLE-CRYSTAL
SINGLE-CRYSTAL STUDIES OF ELECTRICAL CONDUCTIVITY SEEBECK EFFECT AND HALL VOLTAGE IN SODIUM VANADIUM BROMIDE AND A GROWTH AND STRUCTURE OF SINGLE-CRYSTAL FILMS FINAL REPORT JULY 1968
MAGNETIC MOMENT MEASUREMENTS IN SINGLE-CRYSTAL DYSPROSIUM MURIUM EUROBIUM AND GADOLINIUM IN DC FIELDS UP TO 170 KG
EFFECTS OF ELECTRON IRRADIATION ON SINGLE-CRYSTAL COSE AT 77 DEGREES K
DISCUSSION OF CADMIUM 2 PLUS IONS IN SINGLE-CRYSTAL SODIUM CHLORIDE
AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF CADMIUM SULFIDE SINGLE-CRYSTAL PLATELETS
AFOSR66-1474
AFOSR66-1909
AFOSR67-1674
ARL 67-0090
AFOSR68-1135
ARL 67-0231

SINGLE-ENDED
SINGLE-ENDED G-DEVICE
AFOSR68-2818

SINGLE-PARTICLE
RANGE ROLES AND HIGH-ENERGY SINGLE-PARTICLE PRODUCTION
AFOSR67-2793

SINGLE-STAGE
THE DEVELOPMENT OF DESIGN TECHNIQUES FOR SINGLE STAGE SOUNDING ROCKETS FINAL REPORT MAR 1967
AFOSR67-0233

SINGLE-UNIT
SINGLE-UNIT ACTIVITY IN THE PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS
AFOSR68-1987

SINGLET
EXCITED SINGLET ABSORPTION IN 1,2-BENZANTHRACENE BY THE USE OF NANOSCOND LASER PHOTOLYSIS AND SPECTROSCOPY
QUENCHING OF SINGLET STATES OF PARAMAGNETIC IMPURITIES IN METALS
QUENCHING OF EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS BY CONJUGATED DIENES
CONJUGATED DIENES AS QUENCHERS FOR EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS
THE FLUORESCENCE OF CYCLIC AZO-COMPOUNDS DETERMINATION OF SINGLET LIFETIMES
LASER PHOTOLYSIS AND SPECTROSCOPY IN THE NANOSCOND TIME RANGE EXCITED SINGLET STATE ABSORPTION IN CORONENE
ARL 68-0325
AFOSR67-1057
AFOSR68-0835
AFOSR67-0109
AFOSR67-0709
ARL 68-0144

SINGLET-STATE
MOLECULAR PHOTOCHEMISTRY VIII EVIDENCE FOR A SINGLET-STATE COMPLEX IN THE PHOTOCYCLOADDITION OF ACETONE TO TRANS-1,2-
AFOSR68-1727

SINGLET-TRIPLET
SINGLET-TRIPLET FORMULATION FOR DILUTE MAGNETIC ALLOYS I S-D EXCHANGE MODEL
SINGLET-TRIPLET FORMULATION FOR DILUTE MAGNETIC ALLOYS II THE ANDERSON MODEL
AFOSR68-1963
AFOSR68-2452

SINGLY
MICROWAVE RADIATION OF SINGLY CHARGED HELIUM 3 FROM H II REGIONS
SMALL PERTURBATION THEORIES FOR SINGLY REACTING MIXTURES
GROUND STATE HYPERFINE SPLITTING OF SINGLY CHARGED HELIUM-3
FINE STRUCTURE OF FOURTH ENERGY LEVELS OF SINGLY IONIZED HELIUM
CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATORS, FROM SINGLY CENSORED SAMPLES, OF THE SCALE PARAMETERS OF TYPE II
CONDITIONAL MAXIMUM-LIKELIHOOD ESTIMATION, FROM SINGLY CENSORED SAMPLES, OF THE SHAPE PARAMETERS OF PARETO AND LIMITED
MEASUREMENT OF THE QUANTUM-ELECTRODYNAMIC LEVEL SHIFT IN THE THIRD EXCITED STATE OF SINGLY IONIZED HELIUM/
AFOSR67-2522
AFOSR68-1307
AFOSR67-2578
AFOSR67-1221
ARL 68-0085
ARL 68-0278
AFOSR67-1222

SINGULAR
SINGULAR EXTREMALS
SINGULAR POINTS OF PLANAR ORDINARY DIFFERENTIAL SYSTEMS
SINGULAR INTEGRAL OPERATORS ON A HALF-LINE
SINGULAR PERTURBATIONS OF BOUNDARY VALUE PROBLEMS FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS INVOLVING TWO PARAMETERS
SINGULAR BEHAVIOR OF ZONAL HYPERSPHERICAL HARMONIC SERIES
SINGULAR INTEGRAL EQUATIONS WITH SPECIAL REFERENCE TO BOUNDARY-VALUE PROBLEMS FINAL REPORT JULY 1968
SINGULAR VALUE INEQUALITIES
A REMARK ON THE SINGULAR CAUCHY PROBLEM FOR ALL VALUES OF THE TIME FOR THE EULER-POISSON-DARBOUX EQUATION
SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE MATHEMATICAL
ON THE REMOVABLE SINGULAR SETS FOR SOLUTIONS OF ELLIPTIC EQUATIONS
ON NON-ELEMENTARY SINGULAR POINTS
A NOTE ON FAMILIES OF SINGULAR STURM-LIOUVILLE SYSTEMS
SOLUTION OF A CLASS OF SINGULAR INTEGRAL EQUATIONS
ON THE CLASSIFICATION OF SINGULAR AND NONSINGULAR EXTREMALS FOR THE PONTRYAGIN MAXIMUM PRINCIPLE
AN APPROXIMATION TECHNIQUE FOR SINGULAR CONTROL PROBLEMS FINAL REPORT DEC 1967
THE CHARACTERISTIC POLYNOMIAL OF A SINGULAR MATRIX
SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE MATHEMATICAL
INEQUALITIES OF POINCARÉ TYPE AND APPLICATIONS TO SINGULAR ELLIPTIC DIFFERENTIAL OPERATORS
AFOSR67-1340
AFOSR67-1347
AFOSR67-1738
AFOSR67-2345
AFOSR68-0930
AFOSR68-1616
AFOSR68-2668
AFOSR67-0146
AFOSR67-1536
AFOSR68-2231
AFOSR67-0815
AFOSR67-0838
AFOSR67-1784
AFOSR67-1257
ARL 68-0003
AFOSR68-1740
AFOSR67-1536
AFOSR68-1278

SINGULARITIES
ISOLATED SINGULARITIES OF SOLUTIONS OF LINEAR ELLIPTIC EQUATIONS
KINEMATIC SINGULARITIES OF HELICITY AMPLITUDES FOR COMPTON SCATTERING
SPACE-TIME SINGULARITIES AND THEIR LOCAL CHARACTERIZATION
EXTRACTION OF SINGULARITIES FROM THE S MATRIX
ANOMALOUS AND NORMAL SINGULARITIES AND THE INFINITE MOMENTUM LIMIT
ON THE REMOVABLE SINGULARITIES OF PARTIAL DIFFERENTIAL EQUATIONS
NONSIMPLE PHYSICAL REGION SINGULARITIES OF THE S MATRIX
EXAMPLES OF DIFFERENTIAL TOPOLOGY WITH SINGULARITIES (GERMANS)
ANOMALOUS THRESHOLDS AS LIMITS OF COMPLEX SINGULARITIES
VAN DER WAALS FORCE DISPERSION THEORY AND SINGULARITIES ON SECOND RIEMANN SHEETS
AFOSR67-0356
AFOSR68-1503
ARL 67-1328
AFOSR67-0070
AFOSR68-0987
AFOSR67-1210
AFOSR67-1350
AFOSR67-0116
AFOSR67-1541
AFOSR67-2703

SINGULARITY
THE ICE-CREAM-CONE SINGULARITY IN S-MATRIX THEORY
INITIAL ANALYTICITY AND S-MATRIX SINGULARITY STRUCTURE
UNIFORM ASYMPTOTIC EXPANSIONS OF INTEGRALS WITH STATIONARY POINT NEAR ALGEBRAIC SINGULARITY
AFOSR67-0378
AFOSR67-1135
AFOSR67-1625

SINGLE
SPECTRAL RESPONSE CURVES OF SINGLE CONES IN THE CARP
AFOSR67-2604

SINO
THE OF SINO AOTIC REFLEXES IN THE REGULATION OF EXPERIMENTAL RENAL HYPERTENSION DURING NATURAL SLEEP
AFOSR68-0943

SINO-SOVIET
A SINO-SOVIET CULTURAL FRONTIER THE ILI KAZAKH AUTONOMOUS CHOU
AFOSR67-0200

SINTER
SINTERING OF COPPER-BASED SINTERED MATERIAL AGAINST STEEL IN PARAFFINIC MINERAL OIL
ARL 67-0018

| | |
|--|--------------|
| SINTERING | |
| SINTERING CHARACTERISTICS OF ULTRAFINE PARTICLE CERAMIC POWDERS | ARL 68-1193 |
| SINTRAIS | |
| SINTESIS Y PROPIEDADES DE DERIVADOS FUERTEMENTE CLORADOS Y PERCLORADOS DEL NITROBENZENO | ARL 67-1094 |
| SINUSOIDAL | |
| A SINUSOIDAL WAVE GENERATOR FOR DYNAMIC TESTING OF FLUIDIC DEVICES | AFOSR68-2582 |
| SITP | |
| SITE SELECTION FOR A SEISMIC ARRAY STATION AND CRUSTAL STUDIES IN NORWAY 1965 FINAL REPORT FEB 1967 | AFOSR67-1370 |
| ELECTRIC FIELD GRADIENT AT THE DEUTERON SITP IN LIQUID DCI | AFOSR67-1168 |
| BINDING OF ANESTHETICS TO PROTEINS LINKAGE BETWEEN THE SIXTH-LIGAND SITE OF HEME IRON ION AND THE NONPOLAR BINDING | AFOSR68-2705 |
| SITTER | |
| DISCRETE SERIES FOR THE UNIVERSAL COVERING GROUP OF THE 3 PLUS 2 DE SITTER GROUP | AFOSR67-1620 |
| SITUATION | |
| SENTENCE LENGTH AND SENTENCE RETENTION IN THE FREE-LEARNING SITUATION | AFOSR67-2235 |
| SITUATIONS | |
| OPERATIONAL ANALYSIS OF BEHAVIORAL SITUATIONS FINAL REPORT OCT 1968 | AFOSR68-2328 |
| LIFE AND DEATH IN EXTREME CAPTIVITY SITUATIONS | AFOSR67-1020 |
| SIXTEEN-UNIT | |
| A SIXTEEN-UNIT PROJECTOR WITH MICROSECOND TURN-ON TIME | AFOSR67-1808 |
| SIXTH | |
| SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD | AFOSR68-0515 |
| SIXTH ORDER CORRELATIONS OF LASER BEAM FLUCTUATIONS NEAR THRESHOLD | AFOSR68-2773 |
| COMMENT ON THE DEVIATION FROM AN INVERSE SIXTH POWER POTENTIAL IN THE SCATTERING OF A POLAR MOLECULE BY NONPOLAR GASES | AFOSR67-2736 |
| SIXTH-LIGAND | |
| BINDING OF ANESTHETICS TO PROTEINS LINKAGE BETWEEN THE SIXTH-LIGAND SITE OF HEME IRON ION AND THE NONPOLAR BINDING | AFOSR68-2705 |
| SIXTIES | |
| SCIENCE IN THE SIXTIES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 10TH CLOUDCROFT NEW MEXICO JUNE 1965 | AFOSR68-2384 |
| SIZE | |
| SIZE EFFECTS IN THE ELECTRONIC THERMAL CONDUCTIVITY OF GALLIUM SINGLE CRYSTALS | AFOSR68-0507 |
| SIZE AND DISTRIBUTION OF G. P. ZONES IN AL-ZN ALLOYS | ARL 67-1159 |
| SIZE AND POWER OF SOME TESTS UNDER EXPERIMENTAL RANDOMIZATION | ARL 68-0179 |
| THE SIZE OF A LONE PAIR OF ELECTRONS EVIDENCE FOR AN AXIAL T-BUTYL GROUP | AFOSR67-0023 |
| ANGULAR SIZE OF 3C 273 B | AFOSR68-1025 |
| PARTICLE SIZE DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF NaCl | ARL 67-0107 |
| EFFECT OF SIZE AND LOCATION OF INFORMATIONAL TRANSFORMS UPON SHORT TERM RETENTION | AFOSR67-1811 |
| ORGANIZATIONAL SIZE COMPLEXITY AND FORMALIZATION | AFOSR68-0861 |
| THE EFFECT OF RING SIZE ON THE RATE OF PYROLYSIS OF CYCLOALKYL PHENYL SULFOXIDES | AFOSR67-1814 |
| INFLUENCE OF PARTICLE SIZE DISTRIBUTION ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS | AFOSR67-0428 |
| SUPERCONDUCTIVITY AND PARTICLES SIZE IN HETEROGENEOUS COPPER LEAD ALLOY /GERMAN/ | AFOSR67-0159 |
| A STUDY OF THE CORES OF AIR SHOWERS IN THE SIZE RANGE TEN TO THE 4TH TO THE 7TH PARTICLES | AFOSR68-2284 |
| EXPERIMENTAL STUDY OF THE EFFECTS OF SURROUND BRIGHTNESS AND SIZE ON VISUAL PERFORMANCE FINAL REPORT SEP 1967 | ARL 67-0102 |
| INVESTIGATION OF THE LIGHT SCATTERING TECHNIQUE FOR COUNTING AND SIZE DETERMINATION OF MICRON-SIZED METEORITES FINAL | AFOSR67-0820 |
| LUNAR OCCULTATION STUDIES OF FIVE WEAK RADIO SOURCES OF SMALL ANGULAR SIZE | AFOSR67-1730 |
| SPECIAL UTILITY PROGRAMS TO ENHANCE THE PERFORMANCE OF AN ON-LINE MEDIUM SIZE PROCESSOR USED FOR STATISTICAL | AFOSR67-0605 |
| CALIBRATION AND DIFFERENTIAL FIELD MEASUREMENT OF HIGH MAGNETIC FIELDS BY MEANS OF A PERIODIC SIZE EFFECT IN GALLIUM | AFOSR67-2157 |
| SIZED | |
| CHARGED COLLOIDAL SIZED PARTICLES FOR PROPULSION FINAL REPORT JAN 1969 | AFOSR68-0527 |
| SIZES | |
| PITOT-PROBE MEASUREMENTS OF DROP SIZES | ARL 67-1086 |
| SIZING | |
| SIZING OF STORAGE TANKS FOR OFF-GRADE MATERIAL | AFOSR67-2229 |
| SKELETAL | |
| ANALYSIS OF THE SKELETAL CONFIGURATION OF CRYSTALLINE HEN EGG-WHITE LYSOZYME | AFOSR67-2513 |
| SKELETALLY | |
| OPPRANT REINFORCEMENT OF A SKELETALLY MEDIATED AUTONOMIC RESPONSE UNCOUPLING OF THE TWO RESPONSES | AFOSR68-2686 |
| SKELETONS | |
| THE SKELETONS OF STABLE PLANE SETS | AFOSR68-0025 |
| SKETCH | |
| A PRELIMINARY SKETCH OF FORMULA ALGOL | AFOSR67-2207 |
| SKFW-HADAMARD | |
| SKFW-HADAMARD ABELIAN GROUP DIFFERENCE SETS | AFOSR67-2338 |
| SKILL | |
| TASK PREDICTABILITY AND THE DEVELOPMENT OF TRACKING SKILL UNDER EXTENDED PRACTICE | AFOSR67-1008 |
| THE ADAPTIVELY CONTROLLED INSTRUCTION OF A TRANSFORMATION SKILL | AFOSR68-0448 |
| ACQUISITION OF HIERARCHICAL CONTROL OVER THE TEMPORAL ORGANIZATION OF A SKILL | AFOSR67-1837 |

SKILLED
THE ORGANIZATION OF SKILLED RESPONSE AFOSR67-1827

SKILLS
THE LEARNING OF PSYCHOMOTOR SKILLS AFOSR68-0868

SKIN
SUDANATOR ACTIVITY AS AFFECTED BY THE THERMAL STATUS OF THE SKIN IN A WARM ENVIRONMENT AFOSR68-2803
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS ARL 68-1108

SKIN-FRICTION
SKIN-FRICTION DWAG AT SUPHSONIC-HYPERSONIC SPEEDS WITH TRANSITION AFOSR67-1986
SKIN-FRICTION MEASUREMENTS IN STRONG INTERACTION ARL 68-0344
COMPRESSIBLE LAMINAR SKIN-FRICTION LAW AFOSR68-1745
INCOMPRESSIBLE LAMINAR SKIN-FRICTION LAW AFOSR68-1771

SKYDIVING
THE PASSION FOR SKYDIVING AFOSR67-0392

SKYLIGHT
GAIN COMPENSATED PHOTOPOLARIMETER FOR AIRBORNE MEASUREMENTS OF SKYLIGHT POLARIZATION AFCL67-0398

SLAB
TRANSMISSION THROUGH AN ANISOTROPIC PLASMA SLAB AT ARBITRARY ANGLES OF INCIDENCE AFCL67-0624
INCOHERENT BACKSCATTER STUDY OF ELECTRON CONTENT AND EQUIVALENT SLAB THICKNESS AFOSR68-1125
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II: GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC AFOSR68-1036
RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III: GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE AFOSR68-1037

SLABS
ELASTIC WAVE EXCITATION IN PIEZOELECTRIC SLABS AFCL67-0526
WAVE PROPAGATION ALONG PERIODIC STRUCTURES AND PLASMA SLABS FINAL REPORT MAY 1967 AFCL67-0441

SLATERS
SELF-CONSISTENT GOW CALCULATION OF GAAS USING BOTH SLATERS AND KOHN-SHAMS APPROXIMATIONS FOR THE EXCHANGE POTENTIAL ARL 68-1481

SLEEP
SLEEP AND MONAMINES /FRENCH/ AFOSR67-0498
SLEEP IN THE PIGEON AFOSR67-2548
SLEEP IN PREGNANCY EVIDENCE OF FETAL-SLEEP CHARACTERISTICS AFOSR67-2570
SLEEP STUDY IN SUBACUTE SCLEROSING LEUCOENCEPHALITIS /SSPE/ /FIRST RESULTS/ AFOSR68-2698
DEEP SLEEP INDUCTION BY ELECTRICAL STIMULATION OF THE BRAIN STEM AND CEREBRAL CORTEX AFOSR68-0945
PARADOXICAL SLEEP AND DREAMING AMONG THE MENTAL DEFICIENT /FRENCH/ AFOSR67-0497
MONAMINES AND SLEEP POLYGRAPHIC NEUROPHARMACOLOGICAL AND HISTOCHEMICAL STUDY OF SLEEP IN THE CAT /FRENCH/ AFOSR67-0511
THE STATES OF SLEEP AFOSR67-2559
SUPPRESSION OF SLEEP BY P CHLOROPHTHANPHETAMINE AND P CHLOROPHENYLALANINE /FRENCH/ AFOSR67-2563
RESPONSE DURING SLEEP WITH INTERVENING WAKING ANAESTHIA AFOSR67-0890
CHARACTERISTICS OF REM SLEEP FOLLOWING DIFFERENT CONDITIONED RATES OF WAKING EYE MOVEMENT IN THE MONKEY AFOSR68-2794
RHAMIN STEM MECHANISMS OF SLEEP AFOSR67-2102
SPECIFIC MOTOR RESPONSE DURING SLEEP TO SLEEP-ADMINISTERED MEANINGFUL SUGGESTION AN EXPLORATORY INVESTIGATION AFOSR67-1853
VISUAL EVOKED RESPONSES DURING SLEEP IN MAN AFOSR68-0843
BEHAVIORAL AND POLYGRAPHIC STUDY OF SLEEP AND WAKEFULNESS IN CHRONIC DEGENERATE CATS AFOSR67-0460
A STUDY OF THE INDETERMINATE STAGE OF SLEEP IN OLIGOPHRENICS RELATIONSHIP WITH SPINDLES AND PARADOXICAL SLEEP AFOSR67-2571
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP FINAL REPORT FEB 1967 AFOSR67-0368
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP FINAL REPORT OCT 1967 AFOSR68-0523
EFFECTS OF THE LESIONS OF THE RAPHE SYSTEM UPON SLEEP AND CEREBRAL SEROTONIN /FRENCH/ AFOSR67-2564
EEG AND BEHAVIORAL EFFECTS OF DEPRIVATION OF PARADOXICAL SLEEP IN THE CAT /FRENCH/ AFOSR67-0496
EFFECT OF INTERHEMISPHERIC TRANSECTION ON THE EEG PATTERNS IN SLEEP AND WAKEFULNESS IN MONKEYS AFOSR67-1051
AMPLITUDE CHANGES OF THE EEG POTENTIAL EVOKED BY GNOTIC STIMULI DURING SLEEP IN MAN /ITALIAN/ AFOSR67-1855
BEHAVIOR OF THE SINGLE COMPONENTS OF THE VISUAL EVOKED POTENTIAL DURING SLEEP IN MAN /ITALIAN/ AFOSR67-1856
MONAMINES AND SLEEP POLYGRAPHIC NEUROPHARMACOLOGICAL AND HISTOCHEMICAL STUDY OF SLEEP IN THE CAT /FRENCH/ AFOSR67-0511
BRAIN STEM STRUCTURES RESPONSIBLE FOR THE ELECTROENCEPHALOGRAPHIC PATTERNS OF DESYNCHRONIZED SLEEP AFOSR67-1480
RILE OF SINO AORTIC REFLEXES IN THE REGULATION OF EXPERIMENTAL RENAL HYPERTENSION DURING NATURAL SLEEP AFOSR68-0943
A STUDY OF THE INDETERMINATE STAGE OF SLEEP IN OLIGOPHRENICS RELATIONSHIP WITH SPINDLES AND PARADOXICAL SLEEP AFOSR67-2571

SLEEP-ADMINISTERED
SPECIFIC MOTOR RESPONSE DURING SLEEP TO SLEEP-ADMINISTERED MEANINGFUL SUGGESTION AN EXPLORATORY INVESTIGATION AFOSR67-1853

SLEEPING
THE SLEEPING BRAIN AFOSR67-2561

SLEEPS
MONAMINES AND SLEEPS II-TECHNICAL ASPECTS AND INTEREST OF THE STUDY OF THE CENTRAL METABOLISM OF MONAMINES DURING AFOSR67-2558

SLENDER
HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES HAVING SHARP LEADING EDGES AFOSR67-1118
VISCOUS HYPERSONIC FLOW PAST SLENDER BODIES AT INCIDENCE AFOSR68-2128
HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES WITH SHARP LEADING EDGES AFOSR68-2816
THE ELECTROSTATIC FIELD AROUND A SLENDER CONDUCTING BODY OF REVOLUTION AFCL67-0615
THE EFFECT OF SEVERE NOSE BLUNTNESS ON THE STABILITY OF SLENDER CONES IN HYPERSONIC FLOW ARL 67-0101
RESEARCH ON HYPERSONIC STABILITY DERIVATIVES IN PITCH FOR BLUNTED SLENDER CONES ARL 68-1117
NOSE BLUNTNESS, CONE ANGLE, AND MACH NUMBER EFFECTS ON THE STABILITY DERIVATIVES OF SLENDER CONES FINAL REPORT SEP 1968 ARL 67-0185

SLIDING
SLIDING OF COPPER-BASED SINTERED MATERIAL AGAINST STEEL IN PARAFFINIC MINERAL OIL AFML 67-0018

SLIGHTLY
CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL SHELLS OF AFOSR68-0471

SLIP
SLIP IN BODY-CENTERED CUBIC CRYSTALS AFOSR68-1775
HALL EFFECT FOR SLIP AND FNO EFFECTS IN FARADAY GENERATORS AFOSR68-1307

APPROXIMATE ROUGH SLIP VECTOR DIRECTION DETERMINATION FOR JERIAN NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE FROM AFOSR66-1434
AN EXPERIMENTAL STUDY OF THE DOUBLE SLIP DEFORMATION HYPOTHESIS FOR FACE-CENTERED CUBIC SINGLE CRYSTALS AFOSR67-1007
HYPERSONIC LAMINAR SEPARATION IN MINUTELY BLUNTED CONES IN SLIP FLOW AFOSR67-1507

SLIP-FLOW

A THEORY FOR THE SLIP-FLOW BOUNDARY CONDITIONS OVER A SURFACE DEFINED BY ARBITRARY GAS-SURFACE INTERACTION PARAMETERS AFOSR67-1911
PARAMETRIC REPRESENTATIONS OF GAS-SURFACE INTERACTION DATA AND THE PROBLEM OF SLIP-FLOW BOUNDARY CONDITIONS WITH AFOSR68-0864

SLIPPER

THE HYPERSONIC SLIPPER BEARING--A TEST TRACK PROBLEM AFHL 68-1107
AERODYNAMICS OF THE HYPERSONIC SLIPPER BEARING ARL 68-0028

SLIT

SLIT FUNCTION EFFECTS IN ATOMIC SPECTROSCOPY AFOSR68-0754
RAY PROOF SLIT MOUNT FOR X-RAY POWDER DIFFRACTOMETERS AFOSR67-0169

SLITS

IMPROVED SLITS FOR X-RAY POWDER DIFFRACTOMETERS AFOSR67-0456
MEASUREMENT OF PARALLEL /SOLLER/ SLITS WITH A MODIFIED WEISSENBERG GONIOMETER AFOSR67-1755

SLOPE

CONVERGENCE AND THE BOUNDED SLOPE CONDITION AFOSR68-2563
A STABILITY CRITERION FOR SYSTEMS WITH A SINGLE SLOPE -RESTRICTED MONOTONE NONLINEARITY AFOSR68-2022

SLOPES

ON THE RESPONSE OF LINEAR SYSTEMS TO INPUTS WITH LIMITED AMPLITUDES AND SLOPES AFOSR68-0069

SLOT

SLOT COOLING AT HIGH SPEED FLOW ARL 68-0141
RADIATION PATTERNS OF A SLOT ANTENNA IN THE PRESENCE OF A BREAKDOWN SHEATH AFCLRL68-0601
ELIMINATION OF BOUNDARY-LAYER SEPARATION BY SLOT SUCTION ARL 68-1116
EXPERIMENTAL INVESTIGATION OF MUTUAL ADMITTANCE AND MICROWAVE BREAKDOWN OF SLOT ANTENNAS AFCLRL68-0578
STUDY OF THE SCATTERING BEHAVIOR OF A SPHERE WITH AN ARBITRARILY PLACED CIRCUMFERENTIAL SLOT AFCLRL67-0111

SLOTS

AN EXPERIMENTAL STUDY OF PLASMA-COVERED SLOTS ON CYLINDERS AND CONES AFCLRL67-0132
AN EXPERIMENTAL STUDY OF SIMULATED PLASMA-COVERED SLOTS AFCLRL68-0152

SLOTTED

CONSTRUCTION OF SLOTTED DISKS FOR MECHANICAL VELOCITY SELECTORS USING ELECTRIC DISCHARGE MACHINING AFOSR67-2264
SCATTERING FROM AN IMPEDANCE LOADED SLOTTED CYLINDER AFCLRL68-0562
A GENERAL LEAST SQUARE DETERMINATION OF THE IMPEDANCE OF AN ANTENNA FROM SLOTTED LINE MEASUREMENTS ACCOUNT TAKEN OF AFCLRL68-0429

SLOW

SLOW RELAXATION EFFECTS IN MAGNETICALLY NONUNIFORM MATERIALS AFOSR67-0351
SLOW ELECTRON SCATTERING FROM ONE-DIMENSIONAL CRYSTAL MODELS AFOSR68-0403
INTERPRETATION OF THE SLOW REACTION AND SECOND LIMIT OF HYDROGEN PLUS OXYGEN MIXTURES BY COMPUTER METHODS AFOSR68-1272
ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY II COMPUTER EXPERIMENTS ON THE REFLECTION OF SLOW ELECTRONS IN THE AFCLRL67-0378

SLOWLY

REACTIONS OF METHANE IN SLOWLY REACTING HYDROGEN-OXYGEN MIXTURES AFOSR68-2137
SIMULTANEOUS BALLOON MEASUREMENTS OF AURORAL X-RAYS DURING SLOWLY VARYING IONOSPHERIC ABSORPTION EVENTS AFOSR68-1334

SLOWNESS

AZIMUTH AND SLOWNESS ANOMALIES OF SEISMIC WAVES MEASURED ON THE CENTRAL CALIFORNIA SEISMOGRAPHIC ARRAY PART II AFOSR67-0588

SMALL

SMALL HYDROMAGNETIC OSCILLATIONS OF A TWO-DIMENSIONAL CAVITY AFCLRL67-0140
SMALL SCALE VELOCITY STRUCTURE IN THE 30 - 40 KM REGION DEDUCED FROM PAIRED ROBIN SOUNDINGS AFCLRL67-0263
SMALL SIGNAL POWER AND MOMENTUM THEOREMS FOR A MAGNETOELASTIC FERROMAGNET AFCLRL67-0664
SMALL PERTURBATIONS TRANSONIC AND HYPER-CRITICAL FLOWS WITH SHOCKS FINAL REPORT AUG 1966 AFOSR67-0394
SMALL OSCILLATIONS OF A STABILIZED INVERTED PENDULUM AFOSR68-0075
SMALL PERTURBATION THEORIES FOR SINGLY REACTING MIXTURES AFOSR68-1397
SMALL INCOMPLETE FACTORIAL EXPERIMENT DESIGNS FOR TWO AND THREE LEVEL FACTORS ARL 67-0022
SMALL SHIELDED THERMOCOUPLE TOTAL TEMPERATURE PROBES ARL 68-0108
SMALL SURFACE-TO-AIR MISSILES IN A LIMITED WAR ENVIRONMENT FINAL REPORT MAR 1968 ORA 68-0004
USE OF SMALL COMPUTERS IN GAMMA-RAY SPECTROSCOPY ARL 67-1180
ON KRYING SMALL PERTURBATION SOLUTIONS FOR STEADY SUPERSONIC FLOWS OF INERT OR REACTING MIXTURES AFOSR67-1032
LARGE AND SMALL SCALE SENSITIVITY ANALYSIS OF OPTIMUM ESTIMATION ALGORITHMS AFOSR68-2027
LIMITS ON SMALL SCALE VARIATIONS IN THE COSMIC BACKGROUND RADIATION AFOSR68-0823
THE LARGE AND SMALL OF LEARNING AFOSR67-0058
HELIUM STARS OF SMALL MASS AFOSR67-2005
THE PLACE OF THE SMALL LIBRARY IN THE NATIONAL NETWORK AFOSR67-0375
METHOD OF DETECTING SMALL ANGLES OF MICROWAVE FARADAY ROTATION AFOSR68-2385
JOURNEYS IN SCIENCE SMALL STEPS--GREAT STRIDES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 12TH AFCLRL67-0289
SHADE MEASUREMENT OF SMALL OPTICAL TARGETS FINAL REPORT APR 1967 AFOSR67-0569
SYSTEM FOR OBSERVING SMALL NONLINEARITIES IN TUNNEL JUNCTIONS AFOSR67-2785
ON THE MEASUREMENT OF SMALL DEVIATIONS FROM THE OHMIC LAW PART B FINAL REPORT MAY 1967 AFOSR67-0655
S. ICK WAVES PRODUCED BY SMALL STRESS INCREMENTS IN ANNEALED ALUMINUM AFOSR67-2722
THE CONTROL OF LEARNING IN SMALL SUBSYSTEMS OF A PROGRAMMED EDUCATIONAL SYSTEM AFOSR67-2658
PHOTOCHEMICAL TRANSFORMATIONS OF SMALL RING CARBONYL COMPOUNDS X PHOTOESULFURIZATION OF DIMENZOYLSTILBENE EPISULFIDE AFOSR68-0694
SUCROSE AND SUGAR TRANSPORT IN THE SMALL INTESTINE AFOSR67-0193
GENERALIZED OSCILLATOR STRENGTHS AT SMALL MOMENTUM CHANGES FOR THE ONE-SINGLET S TO TWO-SINGLET S TRANSITION IN HELIUM ARL 67-1206
EFFECTS OF PRESSURE ON THE HOPPING PROCESS SMALL POLARON AFOSR68-0967
SECOND-ORDER LINEAR PARABOLIC EQUATIONS WITH A SMALL PARAMETER AFOSR67-0133
SOME TECHNIQUES FOR THE ELECTRICAL BRAIN STIMULATION OF SMALL UNRESTRAINED ANIMALS AFOSR67-1730
LUNAR OSCILLATION STUDIES OF FIVE WAX BATH SOURCES OF SMALL ANGULAR SIZE AFOSR67-1078
CONTINUOUS GAS MIXING BY THE USE OF CRITICAL FLOW THROUGH SMALL DIAMETER TUBES AFOSR68-0225
MASS SPECTROSCOPIC OBSERVATION OF IGNITION PHENOMENA IN A SMALL ROCKET COMBUSTION CHAMBER AFOSR67-0114
FUNDAMENTAL STUDIES RELATING TO THE RADIATION CHEMISTRY OF SMALL ORGANIC MOLECULES FINAL REPORT JAN 1967 ARL 67-0114
APPROXIMATE ANALYTICAL SOLUTION FOR KATILLITE ORBITS SUBJECTED TO SMALL THRUST OR DRAG AFOSR67-2288
THE FIRST BOUNDARY VALUE PROBLEM FOR CERTAIN LINEAR ELLIPTIC DIFFERENTIAL EQUATIONS INVOLVING TWO SMALL PARAMETERS AFOSR67-2245
OBSERVATIONS OF THE SPATIAL STRUCTURE OF INTERSTELLAR HYDROGEN I HIGH-RESOLUTION OBSERVATIONS OF A SMALL REGION AFOSR68-1008

| | |
|--|--------------|
| SMALL-MAGNITUDE | |
| SHORT-DURATION SPHERIC ENERGY RADIATION PATTERNS FROM UNDERGROUND NUCLEAR EXPLOSIONS AND SMALL-MAGNITUDE EARTHQUAKES | AFCL 67-0306 |
| SMALL-INELASTIC | |
| EXPERIMENTAL DATA ON SMALL-PLASTIC DEFORMATION WAVES IN ANNEALED ALUMINUM | AFOSR66-0647 |
| SMALL-SCALE | |
| MAGNETIC FIELDS AND SMALL-SCALE STRUCTURE OF THE SOLAR ATMOSPHERE | AFCL 67-0216 |
| ADAPTATION BETWEEN THE PRESSURE AND THE WIND FIELD IN WIND-AND SMALL-SCALE MOTIONS | AFCL 66-0276 |
| SMITHS | |
| A SIMPLER PROOF OF SMITHS ROULETTE THEOREM | AFOSR66-1633 |
| SMOLUCHOWSKI | |
| SMOLUCHOWSKI EQUATION FOR SYSTEMS WHICH DO NOT OBEY THE STOKES-EINSTEIN RELATION | ARL 67-0086 |
| SMOOTH | |
| REINFORCEMENT OF SMOOTH AND STRIATED MUSCLE BY SENSORY NERVE FIBERS | AFOSR66-0704 |
| A REALIZABILITY THEORY FOR SMOOTH LOSSLESS TRANSMISSION LINES | AFOSR67-1317 |
| WAVES IN A SEMI-INFINITE PLATE IN SMOOTH CONTACT WITH A HARMONICALLY DISTURBED HALF-SPACE | AFOSR66-2368 |
| COHERENT TUNABLE CYCLOTRON MODE OSCILLATIONS IN A SMOOTH-BORE MAGNETRON FINAL REPORT JULY 1968 | AFOSR66-1723 |
| AN EXPERIMENTAL STUDY OF TURBULENCE PRODUCTION NEAR A SMOOTH WALL IN A TURBULENT BOUNDARY LAYER WITH ZERO LAMINAR BOUNDARY-LAYER SEPARATION AND NEAR-WAKE FLOW FOR A SMOOTH BLUNT BODY AT SUPERSONIC AND HYPERSONIC SPEEDS | AFOSR66-0363 |
| AFOSR67-2448 | |
| SMOOTH-BORE | |
| COHERENT TUNABLE CW OSCILLATIONS IN A SMOOTH-BORE MAGNETRON THE -PLASMA-MAGNETRON FINAL REPORT JULY 1967 | AFOSR67-1663 |
| SMOOTH-CURVE | |
| SMOOTH-CURVE INTERPOLATION A GENERALIZED SPLINE-FIT PROCEDURE | AFOSR67-0728 |
| SMOOTH-SURFACE | |
| APPLICATION OF THE SMOOTH-SURFACE INTERPOLATION TO THE FINITE-ELEMENT ANALYSIS | AFOSR67-1899 |
| SMOOTHING | |
| SMOOTHING EFFECT OF THE TURBULENCE TERM IN OBJECTIVE ANALYSIS AND NUMERICAL PREDICTION | AFCL 66-0289 |
| SMOOTHING AND UNFOLDING OF THE DATA OF BRAIN-COLLISIONS EXPERIMENTS | AFOSR67-2277 |
| OPTIMUM SMOOTHING OF AERIAL GRAVITY MEASUREMENTS | AFCL 67-0169 |
| SENSITIVITY ANALYSIS OF DISCRETE FILTERING AND SMOOTHING ALGORITHMS | AFOSR66-2048 |
| SMOOTHNESS | |
| SMOOTHNESS PROPERTIES OF PERIODIC SOLUTIONS IN THE LARGE OF NONLINEAR HYPERBOLIC DIFFERENTIAL SYSTEMS | AFOSR66-1902 |
| SNAP-THROUGH | |
| DYNAMIC SNAP-THROUGH OF IMPERFECT VISCOELASTIC SHALLOW ARCHES | AFOSR67-0856 |
| DYNAMIC SNAP-THROUGH OF AN ELASTIC IMPERFECT SIMPLE SHALLOW TRUSS | AFOSR67-2422 |
| NON-EXISTENCE OF SNAP-THROUGH FOR CLAMPED SHALLOW ELASTIC ARCHES SUBJECTED TO IMPULSIVE LOADING | AFOSR66-0770 |
| ASYMMETRIC DYNAMIC SNAP-THROUGH OF ELASTIC CLAMPED SHALLOW SPHERICAL SHELLS | AFOSR66-0460 |
| OPTIMUM CRITICAL IMPULSE FOR SNAP-THROUGH IN SYSTEMS OF ONE DEGREE OF FREEDOM | AFOSR67-1511 |
| SNAPPING | |
| THE INFLUENCE OF DAMPING ON THE SNAPPING OF A SHALLOW ARCH UNDER A STEP PRESSURE LOAD | AFOSR66-1085 |
| SNOWFALL | |
| MEASUREMENT OF SNOWFALL BY RADAR | AFCL 66-0184 |
| SODOLEV | |
| SODOLEV SPACES AND MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION | AFOSR66-2007 |
| INTERPOLATIVE ESTIMATES IN CERTAIN SODOLEV SPACES | AFOSR67-1713 |
| SOCIAL | |
| SOCIAL PRESSURE IN THE MODIFICATION AND DISTORTION OF JUDGMENT | AFOSR67-1722 |
| SOCIAL AND CULTURAL ASPECTS OF DEVELOPMENT FINAL REPORT JULY 1968 | AFOSR66-1487 |
| SOCIAL RESEARCH AND MILITARY MANAGEMENT FINAL REPORT OCT 1968 | AFOSR66-2153 |
| SOCIAL PSYCHOLOGICAL RESEARCH IN DEVELOPING COUNTRIES | AFOSR66-2164 |
| ISSUES IN SOCIAL SCIENCE DECISION MAKING FINAL REPORT MARCH 1968 | AFOSR66-0623 |
| STUDIES IN SOCIAL AND POLITICAL BEHAVIOR AND CHANGE COMMUNIST CHINA FINAL REPORT JUNE 1968 | AFOSR66-1437 |
| VOLUNTARISM AND SOCIAL CONTROL | AFOSR66-2302 |
| EFFECT OF SIMULATED SOCIAL FEEDBACK ON INDIVIDUAL TRACKING PERFORMANCE | AFOSR67-1400 |
| THE POLITICAL ECONOMICS OF SOCIAL RESEARCH THE CASE OF SOCIOLOGY | AFOSR66-0879 |
| METHODOLOGY FOR THE ANALYSIS OF INTERNAL SOCIAL MOVEMENTS /SOCIAL MOVEMENTS AND SOCIAL SYSTEM CHANGE/ | AFOSR66-1893 |
| PERFORMANCE AND BIOCHEMICAL RESPONSES RELATED TO SOCIAL CHANGES VERSUS CHEMOTHERAPY IN NONHUMAN PRIMATES /RHESUS | AML 67-0023 |
| METHODOLOGY FOR THE ANALYSIS OF INTERNAL SOCIAL MOVEMENTS /SOCIAL MOVEMENTS AND SOCIAL SYSTEM CHANGE/ | AFOSR66-1893 |
| WHAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL MECHANISMS AND SOCIAL PATTERNS UCLA FORUM IN MEDICAL SCIENCES | AFOSR66-1341 |
| METHODOLOGY FOR THE ANALYSIS OF INTERNAL SOCIAL MOVEMENTS /SOCIAL MOVEMENTS AND SOCIAL SYSTEM CHANGE/ | AFOSR66-1893 |
| THE EFFECTS OF CONTEXT AND OF RATERS ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP | AFOSR67-0073 |
| THE EFFECTS OF CONTEXT AND OF RATERS ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP | AFOSR67-1403 |
| SOCIALIZATION | |
| POWER AND AFFECTIVITY IN THE SOCIALIZATION OF AIR FORCE ROTC CADETS | AFOSR66-1895 |
| SOCIETY | |
| CHEMICAL SOCIETY OF ZURICH--CONFORMATIONAL ANALYSES OF MOBILE SYSTEMS--METHODS AND RESULTS /GERMANY/ | AFOSR66-2422 |
| A REPORT ON JOINT AMERICAN PHYSICAL SOCIETY AND JAPANESE PHYSICAL SOCIETY MEETING ON FLUID DYNAMICS HONOLULU HAWAII | AFOSR67-0613 |
| THE USE OF FREE TIME BY YOUNG PEOPLE IN SOVIET SOCIETY | AFOSR67-0904 |
| A REPORT ON JOINT AMERICAN PHYSICAL SOCIETY AND JAPANESE PHYSICAL SOCIETY MEETING ON FLUID DYNAMICS HONOLULU HAWAII | AFOSR67-0613 |
| SOCIO-PSYCHOLOGICAL | |
| THE OM SCALE A COMPARATIVE SOCIO-PSYCHOLOGICAL MEASURE OF INDIVIDUAL MODERNITY | AFOSR67-2206 |

ATMOSPHERIC ABSORPTION OF SOLAR RADIATION BY THE 9 & MICRON OZONE BAND
 THE ELECTRIC FIELD IN THE SOLAR CORONAL ELECTROSPHERE AND THE SOLAR WIND
 RADAR OBSERVATIONS OF THE SOLAR SYSTEM
 THIN FILM CADMIUM SULFIDE SOLAR CELLS
 ROCKET INSTRUMENTATION FOR SOLAR CELL TEST MEASUREMENTS 12 NOVEMBER 1966
 RESEARCHES IN THE FIELD OF SOLAR RADIO NOISE AS WELL AS OPTICAL SUNSPOT PHENOMENA FINAL REPORT APR 1967
 ANISOTROPIC PROPAGATION OF SOLAR PHOTONS DEDUCED FROM SIMULTANEOUS OBSERVATIONS BY EARTH SATELLITES AND THE MARINER
 THE CADMIUM SULFIDE THIN FILM SOLAR CELL
 IMPROVEMENTS IN COS THIN FILM SOLAR CELLS
 THE CADMIUM SULFIDE THIN FILM SOLAR CELL
 SPACE-FREE MAGNETIC FIELDS AND SOLAR FLAMING
 THE TOWER TELESCOPE OF THE OSLO SOLAR OBSERVATORY HARESTUA
 GRAVITATIONAL RADIATION FROM THE SOLAR SYSTEM
 MODEL OF THE HIGH-ENERGY PHASE OF SOLAR FLARES
 INFRARED OBSERVATIONS OF THE OUTER SOLAR CORONA FINAL REPORT OCT 1967
 PHOTONS ASSOCIATED WITH EMISSIONS OF SOLAR ACTIVITY AND THEIR PROPAGATION IN INTERPLANETARY MAGNETIC FIELD REGIONS
 RESEARCH ON RELATIONS BETWEEN COSMIC SOLAR AND UPPER ATMOSPHERIC PROCESSES FINAL REPORT APR 1967
 DETECTION OF QUARKS IN THE ULTRAVIOLET SOLAR SPECTRUM
 THERMALLY DRIVEN ROCKET-MOTOR DYNAMICS FOR SOLAR MAGNETIC-FIELD REVERSALS
 FABRICATION OF CADMIUM SULFIDE THIN FILM SOLAR CELLS FOR SPACE VEHICLE TESTING FINAL REPORT DEC 1967
 THE OPERATING HISTORY OF THE INTERNATIONAL SOLAR FLARE WATCH 1955-1964
 STUDIES IN STELLAR EVOLUTION VI EVOLUTION OF A SOLAR MASS RED GIANT WITH MASS LOSS
 SPECTROPHOTOMETRIC STANDARDS FOR THE 1962 TOTAL SOLAR ECLIPSE
 MINIMUM TIME FOR EARTH TO MARS TRAJECTORY FOR A SOLAR SAIL
 MAGNETIC FIELDS AND SMALL-SCALE STRUCTURE OF THE SOLAR CORONA WHERE
 THE INFLUENCE OF RADIO BRIGHTNESS TEMPERATURE ON SOLAR FLARE PREDICTION
 INTERACTION OF THE EARTH'S MAGNETIC FIELD WITH THE SOLAR WIND FINAL REPORT DEC 1967
 SPIN PROPULSION OF LARGE FLUORINE SATELLITES BY THE SOLAR RADIATION FIELD
 PART I RESEARCH ON THE HETEROGENEOUS STRUCTURE OF THE SOLAR ATMOSPHERE A PROGRESS REPORT 1964-6 PART II LANGUAMETER NO
 THORIA SINGLE CRYSTALS GROWN BY VAPOR DEPOSITION IN A SOLAR FURNACE
 THE FLUID TRANSPORTATION AND AS A RADIATION SOURCE FOR SOLAR SIMULATION
 THE FLUID TRANSPORTATION AND AS A RADIATION SOURCE FOR SOLAR SIMULATION
 ENHANCED INTERPLANETARY SCINTILLATIONS ASSOCIATED WITH SOLAR FLARES
 RESEARCH DIRECTED TOWARD THE DESIGN AND FABRICATION OF A SOLAR ATMOSPHERIC DISKSPAN EXPERIMENT FINAL REPORT MAR 1968
 THE ELECTRIC FIELD IN THE SOLAR CORONAL ELECTROSPHERE AND THE SOLAR WIND
 RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1967
 SIMULTANEOUS OBSERVATIONS OF HA AND THE K-LINE OF CA II IN THE SOLAR SPECTRUM
 RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1968
 A NEW DETERMINATION OF THE C13/C12 ISOTOPIC ABUNDANCE RATIO IN THE SOLAR PHOTOSPHERE
 ON THE WAVELENGTH DEPENDENCE OF THE BANDWIDTH AND THE DURATION OF TYPE I SOLAR RADIO BURSTS
 THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH EFFICIENCY COS THIN-FILM SOLAR CELLS
 COSMIC-RAY RADIAL DENSITY GRADIENT AND ITS RIGIDITY DEPENDENCE OBSERVED AT SOLAR MINIMUM ON MARINER IV
 A NEW SPECTROPHOTOMETER FOR MEASURING ULTRAVIOLET SKY BRIGHTNESS AND DIRECT SOLAR RADIATION FINAL REPORT APR 1967
 SOME ADDITIONAL ASPECTS OF THE UNEQUAL ACTIVITY OF THE NORTHERN AND SOUTHERN SOLAR HEMISPHERES MICROWAVE RADIO BURSTS
 MEASUREMENTS OF CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED ENERGY FINAL REPORT
 RADAR SPECTROGRAPHIC ESTIMATES OF IONIC COMPOSITION FROM 225 TO 1400 KILOMETERS FOR SOLAR MINIMUM WINTER AND SUMMER
 THE HELIOCENTRIC INTENSITY GRADIENTS OF COSMIC-RAY PROTONS AND HELIUM DURING MINIMUM SOLAR MODULATION
 RESEARCH ON THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH-EFFICIENCY COS THIN-FILM SOLAR CELLS
 DISCUSSION OF PAPER BY M E RASSBACH A J DESSLER AND A G W CAMERON THE LUNAR PERIOD AND K SUB P
 AIRCRAFT INSTRUMENTATION TO MEASURE CLOUD REFLECTANCE PROPERTIES AND THE ATMOSPHERIC ATTENUATION OF SOLAR AND INFRARED

SOLAR-TYPE
 COLOR ANOMALIES AND METAL DEFICIENCIES IN SOLAR-TYPE DISK- POPULATION STARS AFOSR67-0034
SOLDERLESS
 SOLDERLESS THERMAL CONNECTOR FOR USE AT LOW TEMPERATURES AFOSR66-0786
SOLFNOID
 AC SUPERCONDUCTING SOLENOID FOR KILOGAUSS FIELD MODULATION AFOSR67-1681
SOLID
 SOLID PROPELLANT IGNITION BY CONVECTIVE HEATING FINAL REPORT OCT 1966 AFOSR67-0932
 SOLID HELIX MAGNETS FOR LARGE VOLUME PULSED HIGH FIELDS AFOSR67-1236
 SOLID STATE STUDIES OF POTASSIUM MOLYBDENUM BRONZES AFOSR67-2621
 SOLID EARTH TIDES AS A TRIGGERING MECHANISM FOR EARTHQUAKES AFOSR67-2708
 SOLID STATE STUDIES OF ALKALI METALS IN TRANSITION-METAL OXIDES AFOSR67-2739
 SOLID PHASE REACTIONS IN SOLID PROPELLANT IGNITION AND COMBUSTION FINAL REPORT OCT 1968 AFOSR66-2207
 SOLID FLUORINE AND SOLID CHLORINE CRYSTAL STRUCTURES AND INTERMOLECULAR FORCES AFOSR66-2755
 A SOLID STATE POLARIMETER SUITABLE FOR ROCKET-BORNE IONOSPHERIC DIFFERENTIAL ABSORPTION MEASUREMENTS AFOSR67-0373
 COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS AFOSR67-1765
 COMPOSITE SOLID PROPELLANT IGNITION MECHANISMS FINAL REPORT JUNE 1968 AFOSR66-1114
 PROPERTIES OF SOLID SOLUTIONS IN METALS FINAL REPORT MARCH 1968 AFOSR66-0854
 INVESTIGATION OF SOLID STATE DEVICES AND MATERIALS FINAL REPORT SEPT 1967 AFOSR67-0685
 RVT RELATIONS IN SOLID /HELIUM - TWICE/ /HELIUM - FOUR/ MEASUREMENTS WITH SUPERFLUID HELIUM FINAL REPORT JUNE 1967 AFOSR66-0150
 EXTINGUISHMENT OF SOLID PROPELLANTS BY RAPID DEPRESSURIZATION AFOSR66-1945
 PHOTOEMISSION FROM SOLID KENON FILMS /ABSTRACT ONLY/ AFOSR67-1387
 IONIC DIFFUSION IN SOLID METAL OXIDES FINAL REPORT OCT 1967 AFOSR67-2633
 SOLID FLUORINE AND SOLID CHLORINE CRYSTAL STRUCTURES AND INTERMOLECULAR FORCES AFOSR66-2755
 APPLICATIONS OF THE SOLID AND LIQUID STATE CONCEPTS FOR MACROMOLECULAR SYSTEMS FINAL REPORT JUNE 1967 AFOSR67-0414
 INFRARED SPECTRA OF SOLID AND MATRIX-ISOLATED /CH3N3SUB3/ AND /SiH3SUB3SUB3/ /TRIMETHYLAMINE PERDEUTERIOTRISILYLAMINE AFOSR67-2040
 WAVE PROPAGATION IN SOLID STATE PLASMAS FINAL REPORT JULY 1968 AFOSR66-1548
 OPTICAL PROPERTIES OF SOLID RARE GASES AND THEIR ALLOYS /ABSTRACT ONLY/ AFOSR67-1384
 EXTINGUISHMENT OF BURNING SOLID PROPELLANT FINAL REPORT MAY 1967 AFOSR67-1747
 THE CRYSTALLOGRAPHY OF SOLID NITROGEN OXIDES SODIUM HYPONITRITE FINAL REPORT APRIL 1967 AFOSR67-1079
 THE ALPHA-TITANIUM-IRON SOLID SOLUTION AND ITS SUPERCONDUCTING PROPERTIES AFOSR67-0510
 RESEARCH IN THE OPTICAL SOLID STATE PHYSICS FINAL REPORT OCT 1967 AFOSR67-2604
 THERMAL CONDUCTIVITY OF SOLID AME AND OF ISOTOPIC MIXTURES AT HIGH DENSITIES AFOSR66-1080
 SOLID PHASE REACTIONS IN SOLID PROPELLANT IGNITION AND COMBUSTION FINAL REPORT OCT 1968 AFOSR66-2207
 A CENTER OF COMPETENCE IN SOLID STATE MATERIALS AND DEVICES AFOSR66-0185
 A CENTER OF COMPETENCE IN SOLID STATE MATERIALS AND DEVICES AFOSR66-0493
 ULTRAVIOLET ABSORPTION OF SOLID ARGON KRYPTON AND XENON AFOSR67-1385
 THE ACTIVITY OF COPPER IN SOLID COPPER-PLATINUM ALLOYS AND SOME OBSERVATIONS ON THE ORDERING OF CUSUB3PT AFOSR67-0247
 IGNITION AND COMBUSTION OF SOLID PROPELLANTS FINAL REPORT SEPT 1966 AFOSR67-1001
 RECENT RESEARCH CONCERNING SOLID STATE PHENOMENA IN INSULATING CRYSTALS PERFORMED AT HIS INSTITUTE AFOSR67-1314
 LORENTZ-LORENZ FUNCTION FOR SOLID ARGON AFOSR67-1598
 ON THE VELOCITY OF SOUND IN SOLID ARGON AFOSR66-0052
 COMBUSTION IRREGULARITIES OF SOLID PROPELLANTS FINAL REPORT AUG 1967 AFOSR67-2024
 COMBUSTION IRREGULARITIES OF SOLID PROPELLANTS FINAL REPORT AUG 1967 AFOSR66-1191
 STUDY OF TURBULENCE CLOSE TO A SOLID WALL AFOSR66-0612
 MOLECULAR HEAT SCATTERING FROM SOLID SURFACES AFOSR66-0846
 NONSTEADY BURNING PHENOMENA OF SOLID PROPELLANTS THEORY AND EXPERIMENTS AFOSR66-1792
 A NEW FINITE ELEMENT MODEL FOR SOLID CONTINUA AFOSR66-1860

NON-STATIONARY BURNING PHENOMENA OF SOLID PROPELLANTS THEORY AND EXPERIMENT
 THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS - PART I: THE SINGLE ENERGY LEVEL DEFECT CENTERS
 THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS - PART II: THE MULTIPLE ENERGY LEVEL IMPURITY CENTERS
 ATOMIC AND MOLECULAR KINETICS ON SOLID SURFACES FINAL REPORT FEB 1968
 DIRECT SPIN-PHONON INTERACTION IN SOLID HELIUM THREE
 INTERATOMIC POTENTIAL PARAMETERS OF SOLID NEON AND ARGON
 SURFACE TEMPERATURE MEASUREMENTS ON SOLID PROPELLANTS DURING IGNITION
 REACTION MECHANISMS AND KINETICS IN SOLID PHASE REACTIONS FROM 1800-3000 DEGREES C
 PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS FINAL REPORT JAN 1967
 THE NMR LOCAL MAGNETIC FIELD SHIFT IN SOLID KRYPTON
 CRYSTAL STRUCTURE AND MOLECULAR MOTION OF SOLID CARBON DISULFIDE
 MODEL POTENTIALS AND THE DISPERSION LAW IN SOLID KRYPTON
 ULTRAVIOLET REFLECTION STUDIES OF CRYSTALINE SOLID SOLUTIONS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS
 RESEARCH ON THE DEFLAGRATION OF HIGH-ENERGY SOLID OXIDIZERS FINAL REPORT DEC 1967
 CRYSTAL-FIELD SPLITTING OF ORTHOHYDROGEN IN SOLID PARAHYDROGEN
 A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS
 CHARACTERIZATION OF VOLATILIZED SPECIES FROM SOLID PROPELLANTS
 A CRITICAL ANALYSIS OF ARC IMAGE IGNITION OF SOLID PROPELLANTS
 FREE-INDUCTION DECAY IN A MAGNETICALLY DILUTE SOLID
 A P-ELECTRON VOLTS ARGON NEAR SCATTERING AT A SOLID SURFACE AND OBSERVATIONS OF RADIATION ACCOMPANYING THE REAR
 STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT NOV 1967
 STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT AUG 1968
 HEAT OF FORMATION AND TRANSITION TEMPERATURES OF SOLID LITHIUM HEXAFLUOROALUMINATE
 DEPRESSURIZATIONS INDUCED EXTINGUISHMENTS OF BURNING SOLID PROPELLANT
 STUDIES OF THE PHYSICAL AND CHEMICAL PROPERTIES OF SOLID SURFACES FINAL REPORT NOVEMBER 1968
 HELICON MAGNETOPLASMA EDGE AND FARADAY ROTATION IN SOLID STATE PLASMAS AT MICROWAVE FREQUENCIES
 ON THE BEHAVIOR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE THEORETICAL STUDY FOR NORMAL INCIDENCE
 ON THE BEHAVIOR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE ADDITIONAL THEORETICAL STUDY FOR NORMAL INCIDENCE
 STACKING-FAULT ENERGY AND MANY-BODY FORCE EFFECTS IN SOLID ARGON
 ANHARMONIC CONTRIBUTION TO THE GRUNEISEN PARAMETERS OF SOLID ARGON KRYPTON AND XENON
 CHEMISTRY OF POSITIVE IONS VI POSITIVE-ION CHEMISTRY IN SOLID METHANE
 MODIFICATION OF CHEMICAL PROPERTIES OF IRON CYANIDES IN SOLID SOLUTIONS
 NUCLEAR MAGNETIC RESONANCE LOCAL-MAGNETIC-FIELD SHIFT IN SOLID XENON
 ULTRAVIOLET REFLECTIVITY STUDIES OF CRYSTALINE SOLID SOLUTIONS
 THE RELATIVE THERMODYNAMIC PROPERTIES OF COBALT-PALLADIUM SOLID SOLUTIONS
 DIPOLE EXPANSION OF SCREENED COULOMB POTENTIALS HELMHOLTZ SOLID HARMONICS AND THEIR ADDITION THEOREMS
 RAND STRUCTURE DEFORMATION POTENTIALS AND EXCITON STATES IN SOLID XENON
 STRESS WAVE GENERATION IN A TEMPERATURE-DEPENDENT ABSORBING SOLID BY IMPULSIVE ELECTROMAGNETIC RADIATION
 CHEMICAL CHARACTERIZATION OF MOLECULES ADSORBED ON A FOREIGN SOLID FINAL REPORT NOV 1968
 LUMINESCENCE AND PHOSPHORESCENCE OF AROMATIC HYDROCARBONS IN SOLID MATRICES
 FINE STRUCTURE IN THE OPTICAL ABSORPTION EDGE OF ZN SEBOKOSUBI-K SOLID SOLUTIONS
 CONVECTIVE DIFFUSION LIMITATIONS ON THE RATES OF CHEMICAL REACTIONS AT SOLID SURFACES--KINETIC IMPLICATIONS
 THEORETICAL STUDY OF THE INTERACTION OF RADIATION AND WATER IN GASEOUS AND SOLID LASERS FINAL REPORT FEB 1968
 THE DISTRIBUTION OF STRESS IN THE VICINITY OF A GRIFFITH CRACK IN AN ELASTIC SOLID IN WHICH BODY FORCES ARE ACTING
 ISOTOPIC DIFFERENCES IN THE ZERO DEGREES K VOLUME AND SUBLIMATION ENERGIES OF SOLID NEON AND ARGON
 TRIPLET-STATE ELECTRON SPIN RESONANCE OF AN H-ATOM- METHYL-RADICAL COMPLEX IN A SOLID MATRIX
 THE DISTRIBUTION OF STRESS IN THE VICINITY OF A PENNY-SHAPED CRACK IN AN ELASTIC SOLID UNDER THE ACTION OF SYMMETRIC
 SUPERCONDUCTIVITY AND LATTICE PARAMETERS IN FACE-CENTERED CUBIC PLATINUM TUNGSTEN AND PALLADIUM TUNGSTEN SOLID

APOS67-1538
 APOS67-1650
 APOS67-1708
 APOS68-0486
 APOS68-0787
 APOS67-1781
 APOS68-0034
 APOS68-0641
 AFCL67-0081
 APOS67-0087
 APOS68-1813
 APOS67-1783
 ARL 67-1380
 APOS67-0382
 APOS67-0929
 APOS67-1708
 APOS67-2411
 APOS68-0002
 APOS68-1517
 APOS67-1834
 APOS68-1385
 APOS68-1501
 APOS68-0908
 APOS68-2394
 APOS67-2790
 APOS68-2741
 APOS67-1984
 APOS68-1266
 ARL 68-0194
 APOS67-1869
 APOS68-1734
 APOS68-1748
 APOS67-1889
 APOS67-1681
 APOS67-1230
 APOS68-2844
 APOS67-0085
 ARL 67-1013
 ARL 68-1174
 APOS67-1243
 APOS67-2744
 APOS68-1618
 APOS68-2774
 ARL 67-1173
 ARL 68-0308
 APOS67-2256
 AFCL68-0108
 APOS68-1760
 APOS67-0489
 APOS67-0108
 APOS68-1838
 APOS68-1868

SOLID-FLUID

THE MOMENTUM EQUATION OF A SOLID-FLUID SYSTEM

APOS67-0887

SOLID-GAS

COMBUSTION GAS EMITTED RADIATION AND CHEMILUMINESCENCE PHENOMENA IN SOLID-GAS REACTING SYSTEMS FINAL REPORT APRIL 1967 APOS67-1708

SOLID-LIQUID

THE METASTABLE SOLID-LIQUID PHASE BOUNDARY
 COMMENTARY ON THE RIGNEY AND BLAKELY PAPER KINETICS OF THE SOLID-LIQUID TRANSITION IN TIN

APOS68-1501
 APOS68-1544

SOLID-STATE

SOLID-STATE STUDIES OF OXYGEN-DEFICIENT TANTALUM PENTOXIDE
 SOLID-STATE CALCULATIONS IN UPPSALA
 NEW SOLID-STATE DEVICE CONCEPTS
 NEW SOLID-STATE DEVICE CONCEPTS
 NEW SOLID-STATE DEVICE CONCEPTS FINAL REPORT JAN 1968
 FINITE TRANSLATIONS IN SOLID-STATE PHYSICS
 MIGRATION OF CATIONS IN TWO SOLID-STATE REACTIONS
 T MATRIX AND PHASE SHIFTS IN SOLID-STATE SCATTERING THEORY

APOS68-1437
 APOS68-2849
 AFCL67-0046
 AFCL67-0487
 AFCL68-0048
 APOS68-0563
 APOS68-2841
 APOS67-1097

SOLIDIFICATION

NUMERICAL EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING SOLIDIFICATION

ARL 68-1007

SOLIDIFIED

QUANTUM HARD-SPHERE GAS IN THE LIMIT OF HIGH DENSITIES WITH APPLICATION TO SOLIDIFIED LIGHT GASES

APOS67-1867

SOLIDITY

EXPERIMENTALLY DETERMINED SHOCK CONFIGURATIONS IN A HIGH- SOLIDITY SUPERSONIC ROTOR

ARL 68-1227

SOLIDS

STARK LADDER IN SOLIDS
 TRACE ANALYSIS OF SOLIDS BY MASS SPECTROMETRY FINAL REPORT JULY 1967
 TUNNELING EFFECTS IN SOLIDS
 PHYSICAL PROPERTIES OF SOLIDS AT HIGH PRESSURES FINAL REPORT APRIL 1968
 MAGNETOPLASMA EFFECTS IN SOLIDS FINAL REPORT APRIL 1968
 DYNAMICS OF ELECTRONS IN SOLIDS IN EXTERNAL FIELDS
 THE THERMAL EXPANSION OF SOLIDS
 ACOUSTOELECTRIC EFFECTS IN SOLIDS
 ACOUSTOELECTRIC EFFECTS IN SOLIDS FINAL REPORT OCT 1967
 SUPERPARAMAGNETIC BEHAVIOR OF SOLIDS AT LIQUID HELIUM TEMPERATURES FINAL REPORT FEB 1967
 ON THE FORCED MOTION OF ELASTIC SOLIDS
 PARAELECTRIC DIPOLE EFFECTS IN SOLIDS
 PARAELECTRIC DIPOLE EFFECTS IN SOLIDS
 RESEARCH ON RADIATION EFFECTS IN SOLIDS FINAL REPORT DEC 1967
 FRICTION AND WEAR OF NONMETALLIC SOLIDS FINAL REPORT MAY 1967

APOS68-1820
 AFCL67-0461
 ARL 68-1353
 APOS68-0964
 APOS68-1349
 APOS68-2067
 ARL 68-1356
 AFCL67-0436
 AFCL68-0136
 APOS67-2002
 APOS68-0238
 ARL 68-1389
 ARL 68-1361
 AFCL68-0019
 AFML 67-0091

WERNER'S EFFECT IN THE STUDY OF SOLIDS FINAL REPORT NOV 1968
 IONIC THERMOCHROMISM IN DEFECTIVE SOLIDS
 INTERACTION OF INCIDENT LIGHT WITH SOLIDS AND WITH TURBULENT ATMOSPHERES FINAL REPORT OCT 1967
 MODEL POTENTIALS FOR THE NITROGEN GAS SOLIDS
 STUDIES OF MICROWAVE SHEAR WAVES IN SOLIDS
 TEMPERATURE PROPAGATION IN ANHARMONIC SOLIDS
 EQUILIBRIUM APPROACH TO SECOND SOUND IN SOLIDS
 CLASSICAL AND QUANTUM RATE THEORIES FOR SOLIDS
 THEORETICAL CONSTITUTION OF CRYSTALLINE SOLIDS
 PHOTOELECTRIC EMISSION FROM DONOR-ACCEPTOR SOLIDS AND DONOR MOLECULES
 THEORY OF HOT ELECTRONS IN GASES LIQUIDS AND SOLIDS
 PURKIN NUCLEAR MAGNETIC RESONANCE IN ROTATING SOLIDS
 GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS FINAL REPORT DEC 1966
 GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS
 GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS
 THEORY OF INTERACTING ELEMENTARY EXCITATIONS IN SOLIDS FINAL REPORT JUNE 1968
 DE-EXCITATION RATES OF EXCITED ELECTRONIC STATES IN SOLIDS
 ORGANIC METALS THE ELECTRICAL CONDUCTANCE OF ORGANIC SOLIDS
 ANALYSIS OF SCATTERING DATA FOR MIXTURES OF AMORPHOUS SOLIDS OF LIQUIDS
 DYNAMICAL SCREENING AND MAGNETIC PHASES FOR ELECTRONS IN SOLIDS
 RADIATION DAMAGE AND CHEMICAL REACTIONS INDUCED IN CRYSTALLINE SOLIDS BY HIGH-ENERGY PROTON IRRADIATION FINAL REPORT
 DIFFRACTION OF A PLANE PULSE BY A CLOSED CRACK AT THE INTERFACE OF ELASTIC SOLIDS
 TEMPERATURE DEPENDENT STUDY OF THE DIELECTRIC DISPERSION OF A VARIETY OF INORGANIC SOLIDS FINAL REPORT SEPT 1968

AFOSR68-2764
 AFOSR67-1333
 AFOSR67-2477
 AFOSR68-1643
 AFOSR68-2637
 AFOSR68-1136
 AFOSR68-1112
 AFOSR68-1871
 ARL 68-1432
 AFOSR68-1287
 AFOSR67-2809
 AFOSR67-1416
 AFOSR67-0880
 AFOSR68-0872
 AFOSR68-1789
 AFOSR68-1028
 AFOSR67-2776
 AFOSR68-1282
 AFOSR68-2107
 AFOSR67-2682
 AFOSR68-0390
 AFOSR68-2486
 AFOSR68-0861

SOLIDS

MEASUREMENT OF PARALLEL SOLID/SLIT WITH A MODIFIED WEISSBERG GONIOMETER

AFOSR67-1788

SOLIDS

ELECTROOPTIC BEHAVIOR OF MONODISPERSE MONOTONIC SOLS

AFOSR68-2071

SOLUBILITY

SOLUBILITY AND COMPLEX FORMATION EQUILIBRIA OF SILVER CHLORIDE IN PROPYLENE CARBONATE
 CUMPHENYL CHLORIDE IN HYDROCHLORIC ACID ANALYSIS AND SOLUBILITY
 EFFECTIVE RADIUS OF A VACANCY AND THE CALCULATION OF SOLUBILITY LIMITS IN CRYSTALS OF HIGHLY IONIC PHASES OF THE

AFOSR68-0142
 AFOSR68-0099
 AFOSR68-0914

SOLUTES

THE FLUOROSULFURIC ACID SOLVENT SYSTEM IV THE SOLUTES WATER AND POTASSIUM NITRATE
 ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE I IODINE DONOR SOLUTES
 ELECTRICAL CONDUCTANCE OF SALTS IN LIQUID IODINE II IODINE ACCEPTOR SOLUTES

AFOSR67-0544
 AFOSR67-0742
 AFOSR68-0367

SOLUTION

SOLUTION OF THE DISCONTINUITY PROBLEM BETWEEN AN EMPTY RECTANGULAR WAVEGUIDE AND THE SAME GUIDE COMPLETELY FILLED WITH
 SOLUTION TO THE PHENOMENOLOGICAL PROBLEM OF A MAGNETIC LINE SOURCE ABOVE A PLANE STRUCTURE THAT SUPPORTS N-EXCITED
 SOLUTION OF THE GEOMETRIC BOUNDARY-VALUE PROBLEM IN CASE OF A REFERENCE ELLIPSOID
 SOLUTION OF THE GAP EQUATION FOR PM H₀ AND AL
 SOLUTION CHEMISTRY FINAL REPORT MARCH 1967
 SOLUTION OF THE EXCHANGE-SCATTERING PROBLEM WITHOUT INADMISSIBLE COMPLEX POLES
 SOLUTION OF THE TRANSONIC AIRFOIL PROBLEM THROUGH PARAMETRIC DIFFERENTIATION
 SOLUTION OF THE RESTRICTED PROBLEM OF THREE BODIES BY POWER SERIES
 SOLUTION OF INTEGRAL EQUATIONS BY HYBRID COMPUTATION
 SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE MATHEMATICAL
 SOLUTION OF A CLASS OF SINGULAR INTEGRAL EQUATIONS
 SOLUTION OF NONLINEAR FLOW PROBLEMS THROUGH PARAMETRIC DIFFERENTIATION
 SOLUTION OF HIRKHOFF'S EQUATIONS OF THE REGULARIZED RESTRICTED PROBLEM
 SOLUTION OF COUPLED EQUATIONS BY R-MATRIX TECHNIQUES
 SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER BY THE GKO MULTIMOMENT METHOD, FINAL REPORT MAR
 SOLUTION OF THE CLASSICAL POINT SOURCE EXPLOSION PROBLEM ON THE 180 1890 AND 1094
 A SOLUTION FOR A CLASS OF PROBLEMS OF LINEAR SYSTEM OPTIMIZATION (ITALIAN)
 TWO SOLUTION OF THE N-BOLE PROBLEM
 ON LINE SOLUTION OF OPTIMAL NONSTATIONARY LINEAR SYSTEMS
 COMPLETE SOLUTION OF A GENERAL PROBLEM OF THREE BODIES
 TRANSIENT SOLUTION FOR SOUND RADIATED INTO A VISCOUS FLUID
 A GENERAL SOLUTION FOR THE ELASTIC QUARTER-SPACE FINAL REPORT AUGUST 1968
 NUMERICAL SOLUTION OF DIPOLE RADIATION IN A COMPRESSIBLE PLASMA
 ASYMPTOTIC SOLUTION OF INITIAL BOUNDARY-VALUE PROBLEMS FOR HYPERBOLIC SYSTEMS
 NEAR-FIELD SOLUTION FOR NON-EQUILIBRIUM TRANSONIC FLOW AROUND A CORNER
 A NUMERICAL SOLUTION OF THE HOLZMANN EQUATION FOR A TWO-DIMENSIONAL GAS
 A NUMERICAL SOLUTION FOR THE LAMINAR WAKE BEHIND A FINITE FLAT PLATE
 COMMENTS ON SOLUTION FOR A SHOCK WAVE OF MINODAL DISTRIBUTION USING RHATNAGAR-GROSS-KROOK MODELS
 APPROXIMATE SOLUTION ALGORITHMS FOR NONLINEAR FILTER PROBLEMS
 APPROXIMATE SOLUTION OF THE LAMINAR BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER
 AN ITERATIVE SOLUTION FOR ROTATIONALLY SYMMETRIC NON-LINEAR MEMBRANE PROBLEMS
 THE NUMERICAL SOLUTION OF BOUNDARY LAYER PROBLEMS
 APPROXIMATIVE SOLUTION OF AN EIGENVALUE PROBLEM OF THE HELMHOLTZ EQUATION USING LIE SERIES
 AN APPROXIMATE SOLUTION OF THE BOUNDARY LAYER EQUATIONS USING THE METHOD OF PARAMETRIC DIFFERENTIATION
 AN APPROXIMATE SOLUTION OF VON NISE'S BOUNDARY LAYER EQUATION
 THE APPROXIMATE SOLUTION OF HIGGINS' EQUATION
 SELF-CONSISTENT SOLUTION OF NONLINEAR PROBLEMS IN UNSTEADY RADIATION GASDYNAMICS
 THE APPROXIMATE SOLUTION OF y EQUALS $f(x, y, z)$
 THE APPROXIMATE SOLUTION OF CERTAIN NONLINEAR DIFFERENTIAL EQUATIONS
 A METHOD FOR THE SOLUTION OF STOCHASTIC PROBLEMS IN LINEAR THERMOELASTICITY AND HEAT CONDUCTION
 FAST REACTIONS IN SOLUTION
 FINITE DIFFERENCE SOLUTION OF THE LAMINAR COMPRESSIBLE BOUNDARY LAYER EQUATIONS IN THE VON NISE'S VARIABLES WITH
 A FINITE-DIFFERENCE SOLUTION OF SIMILAR NON-EQUILIBRIUM BOUNDARY LAYERS
 AN ALGORITHM FOR THE SOLUTION OF THE TWO-DIMENSIONAL HIDDEN-LINE PROBLEM
 APPROXIMATE ANALYTICAL SOLUTION FOR SATELLITE ORBITS SUBJECTED TO SMALL THRUST OR DRAG
 SOME COMMENTS ON THE SOLUTION OF THE FIRST-ORDER VARIATIONAL EQUATIONS OF THE RESTRICTED THREE-BODY PROBLEM
 ON ROUND BOUNDS FOR THE SOLUTION OF SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
 WHY IS THE SCHWARZSCHILD SOLUTION INDEPENDENT OF THE SPATIAL STRESSES
 TRANSFER OF EXCITATION IN SOLUTION
 A GENERAL FORMULATION AND SOLUTION OF CHEMICAL RATE EQUATIONS FOR USE IN NON-EQUILIBRIUM COMBUSTION STUDIES
 MODELS FOR THE FUNDAMENTAL SOLUTION OF A PARABOLIC EQUATION
 MOLECULAR PHOTOCHEMISTRY IV SOLUTION PHOTOCHEMISTRY OF CYCLOHEXANONE AND SOME DERIVATIVES
 THE ALPHA-TITANIUM-IRON SOLID SOLUTION AND ITS SUPERCONDUCTING PROPERTIES
 QUANTIZATION TECHNIQUE FOR SOLUTION OF BOUNDARY LAYER EQUATIONS
 GENERAL FORMULATION AND NUMERICAL SOLUTION OF REACTION RATE PROBLEMS
 THE TURBULENT BOUNDED SHEAR-FLUX SOLUTION TO THE LINEARIZED EQUATIONS FINAL REPORT NOVEMBER 1968
 AN EXAMPLE OF LIE GROUP DISCONTINUOUS SOLUTION OF A VARIATIONAL PROBLEM OF ELLIPTIC TYPE
 MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION II STERIC HINDRANCE TO ENERGY TRANSFER
 MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION STUDY OF ENERGY TRANSFER BY KINETIC SPECTROPHOTOMETRY
 APPLICATION OF QUANTIZATION TO THE SOLUTION OF NONLINEAR DIFFERENTIAL EQUATIONS

AFOSR67-0507
 AFOSR68-0084
 AFOSR68-0188
 AFOSR67-0438
 AFOSR67-0982
 AFOSR67-0971
 AFOSR67-1166
 AFOSR67-1281
 AFOSR67-1486
 AFOSR67-1536
 AFOSR67-1784
 AFOSR67-1900
 AFOSR67-2182
 AFOSR68-0881
 ARL 67-0048
 ARL 68-1006
 AFOSR68-0676
 AFOSR68-0442
 AFOSR68-0269
 AFOSR68-0339
 AFOSR67-2605
 AFOSR68-1892
 AFOSR68-2122
 AFOSR68-0060
 AFOSR67-1098
 AFOSR67-2058
 AFOSR68-1018
 AFOSR68-1230
 AFOSR68-2026
 ARL 68-0063
 AFOSR67-2057
 AFOSR67-2046
 AFOSR67-2435
 AFOSR67-1512
 ARL 67-0052
 AFOSR67-0207
 AFOSR67-2454
 AFOSR68-1258
 AFOSR68-2752
 AFOSR67-0299
 AFOSR68-2421
 ARL 67-0050
 AFOSR68-0462
 AFOSR68-0871
 AFOSR67-2268
 AFOSR68-1413
 ARL 67-1273
 AFOSR68-2746
 AFOSR67-0165
 AFOSR67-2021
 AFOSR68-2061
 AFOSR67-1516
 AFOSR67-0510
 AFOSR68-2407
 AFOSR68-1624
 ARL 68-0704
 AFOSR68-1189
 AFOSR67-0094
 AFOSR67-0095
 AFOSR67-1865

MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVIII REARRANGEMENT OF PHENYLVINYLCHLOROBENZENE
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XLVII CYCLIZATION OF COMPOUNDS CONTAINING PHENYL AND CONJUGATED
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LII PHOTOREDUCTION OF CARBOHYDROQUINONE
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LIV A NEW MECHANISM FOR PHOTOSENSITIZATION
MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LV NAPHTHALENE-SENSITIZED PHOTOWHITENIZATION OF SULFONALDES
INVARIANT IMPRODING AND THE COMPUTATIONAL SOLUTION OF OPTIMIZED PROBLEM ESTIMATION PROBLEMS
WIGOROUS ROUNDS ON THE ERROR IN NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATIONS
THE CRYSTAL AND MOLECULAR STRUCTURE AND THE SOLUTION CONFORMATION OF DIMETHYLSULFIDE /112/ HYDROXIDE AN INORGANIC
CONCERNING THE UNIQUENESS OF A MOLECULAR FIELD SOLUTION FOR TWO MAGNETIC SUBLATTICES
THE RATES OF RECOMBINATION OF C-ANALARYL RADICALS IN SOLUTION
INTRAMOLECULAR HYDROGEN BONDING OF APO OXYS IN AQUEOUS SOLUTION
THE PHYSICAL NATURE OF THE NUMERICAL INSTABILITY IN THE SOLUTION OF THE EQUATIONS OF TRANSPORT
NUCLEAR MAGNETIC RESONANCE STUDY OF BORATE--POLYBORATE EQUILIBRIA IN AQUEOUS SOLUTION
SPECIFIC IOST TESTS BASED ON THE RELEASE OF HYDROGEN CYANIDE FROM ACIDIC MERCURIC CYANIDE SOLUTION
THE HYDRATION NUMBER AND WATER OF WATER EXCHANGE OF THE TRIMETHYLPYRANUM /112/ ION IN AQUEOUS SOLUTION DETERMINED BY
ORGANISM/ STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS XIII POLYMERIZATION OF TELLURIDES IN ONE MOLAR NaCl SOLUTION

AFOUWAB-0797
AFOWBAA-0798
AFOWBA-1271
AFOWBAA-1679
AFOWBAA-1904
AFOWBAA-2040
AML AF-129A
AF(U)WAB-PB01
AF(U)WAB-0593
AF(U)WAB-07
AML AF
AFOWBAA-
AML AF
AFOWBAA-
AFOWBAA-
AF(U)WAB-

SOLUTIONS

SOLUTIONS OF THE HILL-HILSHS DIFFERENTIAL EQUATION
NEW SOLUTIONS TO THE SIGNAL DESIGN PROBLEM FOR CONCENTRIC CHANNELS
WEAK SOLUTIONS OF CONSERVATION LAWS IN GENERAL RELATIVITY
SOME SOLUTIONS OF ELLIPTIC EXTERNAL EQUATIONS IN THE PLANE
LINEAR SOLUTIONS OF THE GEODETIC BOUNDARY-VALUE PROBLEM
PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS
PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS FINAL REPORT FEB 1968
UNSTEADY SOLUTIONS OF KINETIC MODELS WITH VELOCITY-DEPENDENT COLLISION FREQUENCY
RELATIONIC SOLUTIONS OF DIFFERENTIAL-DIFFERENCE EQUATIONS WITH RELAY CONTROL
CLASIS OF SOLUTIONS OF THE ARITHMETIC BOUNDARY-LAYER EQUATIONS WITH MASS TRANSFER
ITERATIVE SOLUTIONS OF MAXWELL EQUATIONS
SIMILARITY SOLUTIONS FOR TWO-DIMENSIONAL STEADY VISCOUS FLOW BOUNDARY LAYERS
ASYMPTOTIC SOLUTIONS OF WAVES AND BOUNDARY LAYERS
SIMILARITY SOLUTIONS FOR THE RETARDED COMPRESSIBLE BOUNDARY LAYER WITH HEAT AND MASS TRANSFER FINAL REPORT MARCH 1967
SIMILARITY SOLUTIONS FOR THE COMPRESSIBLE LAMINAR BOUNDARY LAYER WITH HEAT AND MASS TRANSFER
APPROXIMATE SOLUTIONS TO LANGMUIR EQUATIONS
RESEARCH ON SOLUTIONS OF THE GRAVITATIONAL FIELD EQUATIONS FINAL REPORT FEB 1
ON CLASSICAL SOLUTIONS OF THE TWO-DIMENSIONAL NON-STEADY STATE EULER EQUATION
EXISTENCE OF SOLUTIONS OF CROSSING-SYMMETRIC TWO EQUATIONS
REDUCTION SOLUTIONS AND ASYMPTOTIC SOLUTIONS IN BOUNDARY LAYER THEORY
UNIQUENESS OF SOLUTIONS OF THE CAUCHY PROBLEM FOR PARABOLIC EQUATIONS
A STUDY OF THE SOLUTIONS OF ONE-DIMENSIONAL VLASOV-POISSON EQUATIONS FOR HARMONIC TIME DEPENDENCE AND PERIODIC
SOME NUMERICAL SOLUTIONS OF THE ROTATIONAL EULER EQUATIONS
NON-EQUILIBRIUM SOLUTIONS FOR THE RADIATIVE DECAY OF A SYSTEM OF OSCILLATORS HARMONIC AND ANHARMONIC
THE UNIQUENESS OF SOLUTIONS OF THE HEAT EQUATION IN AN INFINITE STRIP
FINITE-DIFFERENCE SOLUTIONS FOR PLANE STRESSES
ON THE STATIONARY SOLUTIONS OF THE NAVIER-STOKES EQUATIONS IN TWO DIMENSIONS
LOCAL BEHAVIOR OF SOLUTIONS OF QUASILINEAR PARABOLIC EQUATIONS
UNIFORM ASYMPTOTIC SOLUTIONS OF DISCONTINUOUS INITIAL VALUE PROBLEMS FOR DISPERSIVE HYPERBOLIC EQUATIONS
BOUNDARY AND MAXIMAL SOLUTIONS FOR NONLINEAR FUNCTIONAL EQUATIONS
ON THE EXISTENCE OF SOLUTIONS TO CERTAIN SHOCK-WAVE MODELS FINAL REPORT MAR 1968
REACTIONS IN FROZEN SOLUTIONS VI THE REACTION OF ETHYLENE CHLOROHYDRIN WITH HYDROXYL ION IN ICE
ON THE EXISTENCE OF SOLUTIONS TO A DIFFERENTIAL GAME
PROPERTIES OF SOLID SOLUTIONS IN METALS FINAL REPORT MARCH 1968
ON THE STABILITY OF SOLUTIONS OF FUNCTIONAL-DIFFERENTIAL EQUATIONS
APPROXIMATE ANALYTIC SOLUTIONS FOR NONSIMILAR BOUNDARY LAYERS
THE STANDARDIZATION OF SOLUTIONS OF METHYLLITHIUM AND METHYLMAGNESIUM DERIVATIVES
COMPARISON OF POSITIVE SOLUTIONS OF NONLINEAR EQUATIONS
UNIQUENESS OF POSITIVE SOLUTIONS OF PARABOLIC EQUATIONS WITH UNBOUNDED COEFFICIENTS
THE UNBOUNDED GROWTH OF SOLUTIONS OF LINEAR PARABOLIC DIFFERENTIAL EQUATIONS
THE METHOD OF ELEMENTARY SOLUTIONS FOR KINETIC MODELS WITH VELOCITY DEPENDENT COLLISION FREQUENCY
ISOLATED SINGULARITIES OF SOLUTIONS OF LINEAR ELLIPTIC EQUATIONS
ON NON-LINEAR STEADY-STATE SOLUTIONS TO MOVING LOAD PROBLEMS
THERMODYNAMICS OF POLYMER SOLUTIONS PART 1 NATURAL RUBBER AND BENZENE
THERMODYNAMICS OF POLYMER SOLUTIONS PART 3 -- POLYISOBUTYLE CYCLOHEXANE
THERMODYNAMICS OF POLYMER SOLUTIONS PART 4 -- POLYISOBUTYLE N-PENTANE
UPPER AND LOWER BOUNDS FOR SOLUTIONS TO THE TRANSPORT EQUATION
ON THE PROBLEM OF MULTIPLE SOLUTIONS IN THE CALCULATION OF FORCE CONSTANTS BY LEAST-SQUARES
SUCCESSIVE APPROXIMATION OF SOLUTIONS OF NON-DEGENERATE BASIC INTEGRAL EQUATION
ON SINGULAR REDUCTIONS OF SOLUTIONS FOR STEADY PARABOLIC FLOW OF INERT OR REACTING MIXTURES
THE STRUCTURE OF ELECTROLYTE SOLUTIONS IN HYDROGEN BONDED SOLVENTS
ON THE ANALYTIC PROPERTIES OF SOLUTIONS FOR A GENERALIZED AXIALLY SYMMETRIC SCHRÖDINGER EQUATION
ON THE ANALYTIC PROPERTIES OF SOLUTIONS OF EQUATION
RADIOLYSIS OF NEUTRAL AQUEOUS SOLUTIONS OF CYSTINE IN THE PRESENCE OF OXYGEN
ACTINOMETER EXCHANGE RATES IN SOLUTIONS OF NICKEL/IRON IONS BY NUCLEAR MAGNETIC RESONANCE
GROWTH AND DECAY PROPERTIES OF SOLUTIONS OF SECOND ORDER ELLIPTIC EQUATIONS
KINETICS OF REACTIONS IN FROZEN SOLUTIONS DEMONSTRATION OF A REACTION IN FROZEN AQUEOUS SOLUTIONS
MODEL COMPUTATIONS FOR DIFFERENT SOLUTIONS OF THE GEODETIC BOUNDARY-VALUE PROBLEM
SMOOTHNESS PROPERTIES OF RELATIONIC SOLUTIONS IN THE LARGE OF NONLINEAR HYPERBOLIC DIFFERENTIAL SYSTEMS
ADDITION TO A PRIORI ESTIMATES FOR SOLUTIONS OF THE MINIMAL SURFACE EQUATION
ON THE REMOVABLE SINGULAR SETS FOR SOLUTIONS OF ELLIPTIC EQUATIONS
GROUND STATE OF LIQUID HELIUM-ROSON SOLUTIONS FOR MASS 3 AND 4
PERTURBATION SOLUTIONS AND ASYMPTOTIC SOLUTIONS IN BOUNDARY LAYER THEORY
EXPANSIONS IN TERMS OF THE HOMOGENEOUS SOLUTIONS OF THE HEAT EQUATION
INTEGRATION AND UNIQUENESS OF THE BOUNDARY PROPERTIES OF DIFFERENTIAL EQUATIONS IN A HILBERT SPACE
ELEMENTS ON THE STRUCTURE OF ELECTROLYTE SOLUTIONS BASED ON THERMAL DIFFUSION MEASUREMENTS
THE FLUOROSULFONIC ACID SOLVENT SYSTEM III SOLUTIONS OF ANTIMONY PENTAFLUORIDE ANTIMONY PENTAFLUORIDE
EXISTENCE AND NONEXISTENCE IN THE LARGE OF SOLUTIONS OF QUASILINEAR WAVE EQUATIONS
EXISTENCE AND NONUNIQUENESS OF RECTANGULAR SOLUTIONS OF THE PROBLEM
SOLUTIONS OF ATTRACTION OF SOME QUASIPERIODIC SOLUTIONS
ON THE EXISTENCE UNIQUENESS AND STABILITY OF SOLUTIONS OF A THIRD ORDER PARTIAL DIFFERENTIAL EQUATION
THE MUTATION OF GLUCOSE IN FROZEN AQUEOUS SOLUTIONS
AN INVESTIGATION OF THE ANALYTIC PROPERTIES OF SOLUTIONS TO THE GENERALIZED AXIALLY SYMMETRIC REDUCED WAVE EQUATION I
ULTRAVIOLET REFLECTION STUDIES OF COSMOSE SOLID SOLUTIONS
LINEAR HEATS OF TRANSPORT IN INFINITE DILUTE AQUEOUS SOLUTIONS
STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT NOV 1967
STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT AUG 1968
THE ASSOCIATION OF METAL CHLORATE COMPLEXES FROM ORGANIC SOLUTIONS
STUDY OF KINETICS OF ALKALI METAL DEPOSITION IN MONOVALENT SOLUTIONS FINAL REPORT OCT 1967
SUBPARABOLIC MAGNETIC PROPERTIES OF THE ORDER DISORDER TRANSITION FROM DILUTE SOLUTIONS OF IRON IN MAGNESIUM OXIDE
DISORDER ORDER TRANSITION DIFFERENTIAL EQUATIONS AND PRINCIPAL SOLUTIONS
UNIFICATION OF CHEMICAL PROPERTIES OF IRON CYANIDES IN SOLID SOLUTIONS
ULTRAVIOLET REFLECTIVITY STUDIES OF COARSE SINGLE CRYSTAL SOLID SOLUTIONS
THE RELATIVE THERMODYNAMIC PROPERTIES OF COBALT-PALLADIUM SOLID SOLUTIONS
FINE STRUCTURE IN THE OPTICAL ABSORPTION EDGE OF Zn Sulfoselenide SOLID SOLUTIONS
A NUCLEAR MAGNETIC RESONANCE INVESTIGATION OF PARAMAGNETIC RELAXATION IN VISCOUS SOLUTIONS

[illegible]

- CONTINUED -

KINETIC EQUATIONS AND POLYMER EXPANSIONS EXACTLY SOLVABLE MODEL. IAGI SYSTEM

Keywords: child sexual abuse; disclosure; social support

UNCLASSIFIED INTERMEDIATES PART XL 50, 50116 PLACED WITHIN PUBLIC DOMAIN BY NATIONAL ARCHIVES ON 08-11-2013

S. J. G. S.

SOLUBILITY OF EXTRACTED COMPLEX ORGANIC ACIDS IN THE MUSCLES OF FISHES AND SHELLFISHES
SOLUBILITY OF EXTRACTED COMPLEX ORGANIC ACIDS IN
SOLUBILITY OF EXTRACTED COMPLEX ORGANIC ACIDS IN THE MUSCLES OF SHELLFISHES
DIFFERENTIAL SOLUBILITY OF COMPLEX ORGANIC ACIDS IN THE MUSCLES OF SHELLFISHES
RELATIVE ORDER OF SOLUBILITY OF COMPLEX ORGANIC ACIDS IN THE MUSCLES OF SHELLFISHES

A. 1000000 1000000
 1000000 1000000
 1000000 1000000
 1000000 1000000
 1000000 1000000

THE USE OF STOCHASTIC APPROXIMATION TO SUBSPACE IDENTIFICATION 9

1575-1576, 272

THEY HAVE BEEN HAS SOLVED A DIFFICULT PROBLEM OF THE (MAGNETIC)

AF 01464-0002

[illegible]

J 32067-2791
AF 02060-1412
AF 07-02093
AF 08-0193
AF 08-1404
J 02060-2679
AF 07-0191
AF 02067-0663
AF 02067-2367
AF 02067-0543
AF 02067-0544
AF 02067-0545
AF 02060-0174
AF 02067-0729
AF 02067-1367
AF 07-0271
AF 08-0208
AF 08-0210
AF 07-0509

[illegible]

AFOSR-0001

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

AFOSR 65-0042
ARL 65-1087

1. The first step in the process of developing a research project is to identify a topic of interest. This is often done by reviewing the literature in the field and identifying gaps in knowledge.

2. Once a topic has been identified, the next step is to formulate a research question. This question should be specific, measurable, and researchable.

3. The third step is to develop a hypothesis. A hypothesis is a statement that predicts the outcome of the study. It should be testable and based on theory or previous research.

4. The fourth step is to design the study. This involves deciding on the methods to be used, the sample size, and the data collection procedures.

5. The fifth step is to collect data. This is done by following the procedures outlined in the study design.

6. The sixth step is to analyze the data. This involves using statistical methods to test the hypothesis and draw conclusions from the data.

7. The final step is to write the report. This is a document that describes the research process, the results, and the conclusions.

AFOSR66-1021
AFOSR67-0221
AFOSR67-2109
AFOSR66-0362
AFOSR67-2204
AFOSR66-0684
AFOSR66-0346
AFOSR66-2063
AFOSR66-0298
AFOSR66-1580
AFOSR67-2807

1. The effect of the concentration of the solvent on the rate of the reaction was studied. The results are shown in Table I. The rate of the reaction increases with increasing concentration of the solvent. The rate of the reaction is also affected by the concentration of the reactants. The rate of the reaction is also affected by the temperature. The rate of the reaction is also affected by the presence of a catalyst.

AFOSR67-1435
AFOSR66-1595
AFOSR66-2110
AFOSR67-0074
AFOSR66-0711

SUBJECT: POLYMERIZATION OF ETHYLENE AND PROPYLENE BY METAL COMPLEXES AND DERIVATIVES, EXTENSIVE

AFDTRAC-0210

2004年12月10日 星期四 晴

AF03907-0820

1. THE ANIMAL SYSTEMS WITH TWO AND THREE MEMBERS ARE BEING HAD DOWN TO ZERO IN CASE OF THE ANIMAL SONAR SYSTEM VILLA
2. THE ANIMAL SYSTEM WITH TWO AND THREE MEMBERS ARE BEING HAD DOWN TO ZERO IN CASE OF THE ANIMAL SONAR SYSTEM VILLA

AFOSR67-2074
AFOSR68-1079
AFOSR67-2074

[illegible]

AFOSR68-244
AFOSR68-051
AFCLR68-018
AFCLR68-041
AFOSR68-051
AFOSR67-033

SOUND

(U) SOUND PRESSURE LEVELS AND SPECTRA FROM FIRING A CLASS OF SOVIET ROCKETS
 ZERO SOUND IN HF SUPER 3 IN A MAGNETIC FIELD
 FORCED SOUND PROPAGATION IN GASES OF ARBITRARY DENSITY
 EFFECTS OF SOUND AND VIBRATIONS ON HEAT TRANSFER
 LONGITUDINAL SOUND VELOCITIES OF GRANULAR COMPOUNDS OF AMMONIUM PERCHLORATE AND POTASSIUM CHLORIDE
 REFRACTION OF SOUND BY JET FLOW AND JET TEMPERATURE II
 ON THE VELOCITY OF SOUND IN SOLID ARGON
 TRANSPARENT SOLUTION FOR SOUND RADIATED INTO A VISCOUS FLUID
 HEART RATE RESPONSE TO SOUND AND LIGHT
 AERODYNAMICALLY GENERATED SOUND FINAL REPORT DEC 1966
 PRESSURE DERIVATIVES OF THE SOUND VELOCITIES OF POLYCRYSTALLINE FORSTERITE WITH 6 PER CENT POROSITY
 EQUILIBRIUM APPROACH TO SECOND SOUND IN SOLIDS
 SINGLE-COLLISION-TIME THEORY OF SOUND PROPAGATION IN LIQUID HELIUM-4 BELOW 0.6 DEGREES KELVIN
 INTERACTION OF LIGHT AND MICROWAVE SOUND
 SOME REMARKS ABOUT SPINWAVES AND ZERO SOUND IN LOW TEMPERATURE LIQUID HE3
 QUANTUM OSCILLATIONS OF THE VELOCITY OF SOUND IN GALLIUM
 PERSONALITY AND RESPIRATORY RESPONSES TO SOUND AND LIGHT
 GROWTH OF DISTORTION IN A FINITE-AMPLITUDE SOUND WAVE IN AIR
 THEORY OF THE INTERACTION OF HIGH-FREQUENCY SOUND WAVES AND ELECTRONS
 ON MASS ENTRAINMENT BY JETS PHASE II THE EFFECT OF SOUND ON JETS
 NATURAL CONVECTION FROM A HORIZONTAL CYLINDER IN THE PRESENCE OF A SOUND FIELD GIVING LARGE STREAMING REYNOLDS NUMBERS ARL 68-0048

AFCL68-0487
 AFCL68-0169
 AFOSR67-0705
 ARL 67-0128
 AFOSR67-0236
 AFOSR67-0128
 AFOSR68-0052
 AFOSR67-2405
 AFOSR68-2167
 AFOSR67-0270
 AFOSR67-1227
 AFOSR68-1112
 AFOSR68-0151
 AFOSR68-2623
 AFCL67-0323
 AFOSR68-0600
 AFOSR68-2169
 AFOSR67-0480
 AFOSR68-0646
 AFOSR67-0337
 ARL 68-0048

SOUNDERS

IONOSPHERIC SOUNDERS IN AIRCRAFT

AFCL68-0369

SOUNDING

AN ADVANCED METEOROLOGICAL SOUNDING SYSTEM PHASE II /PROOF-OF-CONCEPT/
 S-BAND TELEMETRY ANTENNA STUDIES SOUNDING ROCKET RESEARCH AND DEVELOPMENT PROBLEMS
 PHYSICAL AND BALLISTIC TESTS IN SUPPORT OF SOUNDING ROCKET VEHICLES FINAL REPORT MAY 1967
 THE DEVELOPMENT OF DESIGN TECHNIQUES FOR SINGLE-STAGE SOUNDING ROCKETS FINAL REPORT MAR 1967

AFCL67-0268
 AFCL68-0331
 AFCL67-0275
 AFCL67-0233

SOUNDINGS

VALIDITY OF DETAILED HALLOON SOUNDINGS IN BOOSTER VEHICLE DESIGN

AFCL68-0606

SOUNDS

STUDY OF ACOUSTIC PROPERTIES OF SPEECH SOUNDS

AFCL68-0446

SOURCE

A SOURCE FLOW MODEL FOR CONTINUUM GAS-PARTICLE FLOW
 NEW SOURCE FOR DYNAMICAL GRAVITATIONAL FIELDS
 LINE SOURCE APERTURE MONOPULSE EXCITATIONS FINAL REPORT APR 1968
 ON A NEW SOURCE OF HIGHLY STRIPPED HEAVY IONS
 A MICROWAVE SOURCE USING ULTRASONIC AMPLIFICATION IN PIEZOELECTRIC SEMICONDUCTORS
 RADIOFREQUENCY SOURCE OF POTASSIUM RESONANCE RADIATION FOR USE IN KILOGAUSS MAGNETIC FIELDS
 MODULATED LIGHT SOURCE FOR ELECTRO-OPTICAL ANALYSIS OF SPECTRAL LINES
 COLORED LASER RAMAN SOURCE
 USE OF A CONTINUOUS SOURCE OF EXCITATION AN ARGON-HYDROGEN-AIR FLAME AND AN EXTENDED FLAME CELL FOR ATOMIC ABSORPTION
 RE-EXAMINATION OF THE SOURCE COUNTS FOR THE 3C REVISED CATALOGUE
 SPATIAL DISTRIBUTION AND SOURCE MECHANISM OF MICROEARTHQUAKES IN CENTRAL NEVADA
 AN APPROACH TO RADIATION SOURCE DESIGN FOR MILITARY APPLICATIONS UTILIZING THE WALL-STABILIZED ARC AS AN EXAMPLE FINAL
 OBSERVATIONS OF THE RADIO SOURCE CTA 102
 THE FIELD FROM AN SH POINT SOURCE IN A CONTINUOUSLY LAYERED INHOMOGENEOUS HALF-SPACE II THE FIELD IN A HALF-SPACE
 HIGH INTENSITY NOZZLE BEAM SOURCE FOR USE IN MOLECULAR TOTAL CROSS SECTION MEASUREMENTS
 USE OF THE LASER AS AN ENERGY SOURCE IN FLUID MECHANICS
 SOLUTION OF THE CLASSICAL POINT SOURCE EXPLOSION PROBLEM ON THE 10M 1620 AND 7096
 DI-T-BUTYLHYDROXYTRITATE A CONVENIENT SOURCE OF T-BUTOXY RADICALS
 DI-T-BUTYLHYDROXYTRITATE A CONVENIENT SOURCE OF T-BUTOXY RADICALS
 SEX OF THE COMMUNICATOR AS A VARIABLE IN SOURCE CREDIBILITY
 CHARACTERISTICS OF PHOTOIONIZATION PLASMA SOURCE
 THE FLUID TRANSPARATION ARC AS A RADIATION SOURCE FOR SOLAR SIMULATION
 THE FLUID TRANSPARATION ARC AS A RADIATION SOURCE FOR SOLAR SIMULATION
 ANALYSIS OF FAN-FIELD MIXING WITH A PERIODIC SOURCE OF VORTICITY AT THE ORIFICE
 POSSIBLE MODEL FOR A RAPIDLY PULSATING RADIO SOURCE
 SIMULTANEOUS OBSERVATIONS OF A PULSATING RADIO SOURCE OVER A 5,000 KM BASELINE
 GALACTIC HII REGIONS III THE NATURE OF THE RADIO SOURCE W49
 DESIGN AND EVALUATION OF A RADIO FREQUENCY PLASMA SOURCE/ PART I/ SELF-EXCITED OSCILLATOR
 PARKFIELD EARTHQUAKE OF JUNE 28 1966 MAGNITUDE AND SOURCE MECHANISM
 THE TROPICAL UPPER TROPOSPHERIC TROUGH AS A SECONDARY SOURCE OF TYPHOONS AND A PRIMARY SOURCE OF TRADEWIND
 RADIATIVE TRANSFER II THE OPERATION OF THE MONOCHROMATIC SOURCE FUNCTION IN THE PRESENCE OF SCATTERING
 A SUBSONIC D-REGION PROBE EXPERIMENT USING AN ULTRAVIOLET SOURCE TO PRODUCE IONS AND FREE ELECTRONS
 DEFINITION OF OPINION CHANGE AS A FUNCTION OF DIFFERENTIAL SOURCE CREDIBILITY
 SOLUTION IN THE PHENOMENOLOGICAL PROBLEM OF A MAGNETIC LINE SOURCE ABOVE A PLANE STRUCTURE THAT SUPPORTS H-EXCITED
 A STUDY OF THE PREHEATED FLAME OF CYANIDE-OXYGEN-BORON TRICHLORIDE AS A LUMINOUS SOURCE
 THE TROPICAL UPPER TROPOSPHERIC TROUGH AS A SECONDARY SOURCE OF TYPHOONS AND A PRIMARY SOURCE OF TRADEWIND

AFOSR68-0615
 AFOSR67-1615
 AFCL68-0254
 AFOSR68-0346
 AFCL68-0198
 AFOSR67-2637
 ARL 67-1103
 AFOSR68-0130
 AFOSR67-1305
 AFOSR68-1087
 AFOSR68-1435
 ARL 67-0170
 AFOSR67-0801
 AFOSR67-0675
 AFOSR68-0005
 ARL 67-1231
 ARL 68-1006
 AFOSR67-0459
 AFOSR67-0219
 AFOSR67-1420
 AFOSR67-1142
 AFOSR67-2363
 AFOSR68-0762
 AFOSR67-2222
 AFOSR68-1627
 AFOSR68-2889
 AFOSR68-1086
 ARL 67-0281
 AFOSR68-1436
 AFCL67-0203
 AFOSR68-2683
 AFCL67-0050
 AFOSR68-2545
 AFCL68-0086
 ARL 68-1074
 AFCL67-0203

SOURCEFY

QUANTUM MECHANICS AND SOURCEFY

ARL 68-1103

SOURCES

SOURCES AND ELECTRODYNAMICS
 LIGHT SOURCES FOR THE EXCITATION OF ATOMIC RESONANCE FLUORESCENCE IN CESIUM AND SODIUM
 GAUGE FIELDS SOURCES AND ELECTROMAGNETIC MASSES
 PARTICLES AND SOURCES
 SURFACE DISLOCATION SOURCES AND PLASTIC FLOW IN SILVER MONOCRYSTALS
 CHARACTERIZATION OF SPEECH SOURCES IN TERMS OF GENETIC OPERATING CHARACTERISTICS
 THE NATURE OF PULSATING RADIO SOURCES
 OPTIMIZATION OF ARC RADIATION SOURCES
 A MODEL OF QUASI-STELLAR RADIO SOURCES
 LUNAR OCCULTATIONS OF THE RADIO SOURCES 3C15 3C245 AND 45M 12 PLUS 04
 COMPARISON OF LINE AND CONTINUOUS SOURCES IN ATOMIC ABSORPTION SPECTROPHOTOMETRY
 NEW LIMITS ON THE DIAMETERS OF RADIO SOURCES
 INERTIAL CONFINEMENT OF EXTENDED RADIO SOURCES
 AN EVOLUTIONARY SEQUENCE FOR STRONG RADIO SOURCES
 HIGH RESOLUTION STUDIES OF DISCRETE RADIO SOURCES
 DEFINITION OF ULTRAVIOLET SPECTROMETER SOURCES /U/ FINAL REPORT MAR 1967
 LUNAR OCCULTATION STUDIES OF SIX WEAK RADIO SOURCES
 LUNAR OCCULTATION STUDIES OF FIVE WEAK RADIO SOURCES OF SMALL ANGULAR SIZE
 DISCUSSION OF OBSERVATIONS OF QUASI-STELLAR RADIO SOURCES RADIO GALAXIES AND SUPERNOVA REMNANTS
 ON THE DIRECTIVITY OF SETS OF ELECTROMAGNETIC RADIATION SOURCES I GENERAL RESULTS FOR SETS OF IDENTICAL ISOTROPIC

AFOSR67-2525
 AFOSR67-2609
 AFOSR68-0940
 AFOSR67-1145
 AFOSR67-1493
 AFCL67-0309
 AFOSR68-2072
 ARL 68-1137
 AFOSR67-0010
 AFOSR67-2699
 AFOSR67-1301
 AFOSR68-1089
 AFOSR68-1060
 AFOSR68-1051
 AFOSR68-1925
 AFCL67-0240
 AFOSR68-1121
 AFOSR67-1730
 AFOSR68-1751
 AFCL67-0192

SOURCES

- CONTINUED

RADIATION AND PROPAGATION OF ELECTROMAGNETIC WAVES FROM MOVING SOURCES
 A SYNTHESIS OF SHORT-PERIOD P-WAVE RECORDS FROM DISTANT EXPLOSION SOURCES
 THE PROGRESSING WAVE FORMALISM FOR ELECTROMAGNETIC WAVES FROM MOVING SOURCES
 MULTIPLE ACOUSTIC DIFFRACTION TECHNIQUES FOR FREQUENCY SHIFTING OF LASER SOURCES
 EXPERIMENTAL INVESTIGATION OF ELECTRODELESS DISCHARGE LAMPS AS EXCITATION SOURCES FOR ATOMIC FLUORESCENCE FLAME
 A FAST OPTICAL CERNKOV SYSTEM FOR DIRECTIONAL STUDIES OF POSSIBLE GAMMA-RAY SOURCES
 SPATIAL RESOLUTION OF EMISSION AND ABSORPTION COEFFICIENTS IN SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY
 THE DETERMINATION OF ANTENNA PARAMETERS BY THE USE OF EXTRA-TERRESTRIAL RADIO SOURCES
 SPATIAL RESOLUTION OF THE VOLUME EMISSION COEFFICIENT IN STRONGLY SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY
 EPICENTRA MOTION OF AN ELASTIC HALF-SPACE DUE TO BURIED STATIONARY AND MOVING LINE SOURCES
 NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES. PART II. ASYMMETRICAL SOURCES.

APCRL67-0118
 APCRL67-0640
 APCRL67-0821
 AFOSR67-0439
 AFOSR68-1803
 AFOSR68-2728
 ARL 67-0879
 APCRL68-0231
 ARL 68-0174
 AFOSR68-0888
 ARL 67-0035

SOUTH

VERTICAL CUTOFF RICCIITIES IN THE SOUTH ATLANTIC
 ESTIMATING THE DATE OF RETREAT OF THE RAINY SEASON IN SOUTHERN SOUTH VIETNAM

APCRL67-0082
 APCRL68-0229

SOUTHEASTERN

RESEARCH DIRECTED TOWARD THE STUDY OF SEISMICITY IN THE SOUTHEASTERN UNITED STATES FINAL REPORT JAN 1967
 PRELIMINARY RESULTS OF AN INVESTIGATION OF CRUSTAL STRUCTURE IN SOUTHEASTERN EUROPE

APCRL67-0060
 AFOSR67-2158

SOUTHEHN

EXCITATION OF SURFACE WAVES BY EVENTS IN SOUTHERN ALGERIA
 THE FOCAL MECHANISM OF EARTHQUAKES IN THE SOUTHERN COAST OF THE IBERIAN PENINSULA
 MATHEMATICAL THEORY OF CONTROL PROCEEDINGS, UNIV SOUTHERN CALIFORNIA LOS ANGELES, JANUARY30-FEBRUARY 1, 1967 459P NEW
 ESTIMATING THE DATE OF RETREAT OF THE RAINY SEASON IN SOUTHERN SOUTH VIETNAM
 A MICRO-EARTHQUAKE SURVEY OF THE SAN ANDREAS FAULT SYSTEM IN SOUTHERN CALIFORNIA
 SOME ADDITIONAL ASPECTS OF THE UNEQUAL ACTIVITY OF THE NORTHERN AND SOUTHERN SOLAR HEMISPHERES MICROWAVE RADIO BURSTS

AFOSR67-2149
 AFOSR67-2717
 AFOSR67-2846
 APCRL68-0229
 AFOSR67-2143
 APCRL68-0217

SOUTHWELL

A REVIEW OF THE APPLICABILITY OF THE SOUTHWELL PLOT TO THE INTERPRETATION OF TEST DATA OBTAINED FROM STABILITY STUDIES AFOSR67-1441

SOVIET

SOVIET SOCIOLOGY 1960-1963
 SOVIET NEWSPAPERS AND MAGAZINES
 NEWS BROADCASTING ON SOVIET RADIO AND TELEVISION
 RADIO AND TELEVISION IN THE SOVIET UNION
 AMATEUR RADIO OPERATION IN THE SOVIET UNION
 THE USE OF FREE TIME BY YOUNG PEOPLE IN SOVIET SOCIETY
 A SURVEY OF PROGRESS IN CODING THEORY IN THE SOVIET UNION FINAL REPORT DEC 1967
 (U) SOUND PRESSURE LEVELS AND SPECTRA FROM FIRING A CLASS OF SOVIET ROCKETS

AFOSR67-0958
 AFOSR67-1448
 AFOSR67-0957
 AFOSR67-0955
 AFOSR67-0956
 AFOSR67-0964
 AFOSR68-0590
 APCRL68-0457

SP-RAND

HIGH TEMPERATURE SP-RAND SUPERCONDUCTORS

AFOSR67-0156

SPACE

SPACE MATHEMATICS PART 2
 SPACE MATHEMATICS PART 1
 SPACE MATHEMATICS PART 3
 SPACE SCIENCE JOINT URSI/G-AP TECHNICAL SESSION
 SPACE CHEMISTRY
 SPACE CHEMISTRY
 SPACE AND TIME ASYMMETRIES IN PARTICLE PHYSICS
 SPACE AND TIME ASYMMETRIES IN PARTICLE PHYSICS
 KRUSKAL SPACE AND THE UNIFORMLY ACCELERATED FRAME
 LIFE IN SPACE
 OPTICAL SPACE OBJECT IDENTIFICATION
 ON OPTIMUM SPACE DIVERSITY RECEPTION OF CORRELATED MULTIPATH
 CONCEPTS OF SPACE CHEMISTRY
 PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS
 PROGRAM SOLUTIONS TO SPACE SCIENCE PROBLEMS FINAL REPORT FEB 1968
 QUANTUM DYNAMICS IN PHASE SPACE
 HOLOMORPH CONVEXITY IN THE SPACE OF CYCLES OF AN ALGEBRAIC VARIETY
 DAVIDOV'S METHOD IN HILBERT SPACE
 SOME STRUCTURAL PROBLEMS OF SPACE FLIGHT
 PROBLEMS OF INSTRUMENTATION IN SPACE RESEARCH
 VISUAL PERCEPTION IN SIMULATED SPACE CONDITIONS FINAL REPORT JUNE 1968
 ADVANTAGES OF REGULARIZATION IN SPACE DYNAMICS
 NONLINEAR PROGRAMMING IN BANACH SPACE
 OPTIMIZATION PROBLEMS IN POWERED SPACE FLIGHT
 A GENERAL THEORY OF MINIMUM-FUEL SPACE TRAJECTORIES
 LORENTZ TRANSFORMATIONS IN PHASE SPACE AND IN PHYSICAL SPACE
 QUADRATIC PROGRAMMING IN COMPLEX SPACE
 GAUGE PROPERTIES OF THE MIKOWSKI SPACE
 PLANE WAVE PROPAGATION IN THE HALF SPACE WITH RANDOM EXCITATION AND COUPLING BETWEEN STRESS AND TEMPERATURE FIELD
 A TRANSIENT FIBER OPTICS PROBE FOR SPACE RESOLVED DIAGNOSTICS OF DENSE PLASMAS
 GEMINI VII SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH-CLOUD BACKGROUNDS /U/
 KLEINIAN GROUPS IN THE PLANE AND IN SPACE (GERMAN)
 INVESTIGATION OF MOTION IN CISLUNAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
 MEASUREMENT OF POLARIZED LIGHT FROM SPACE OBJECTS
 INVESTIGATION OF MOTION IN CISLUNAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
 FUNCTIONAL LAGRANGE EXPANSION IN STATE SPACE AND THE S-ODDNESS
 SECOND QUANTIZATION AS A GRADED HILBERT SPACE REPRESENTATION
 ORDERING THEOREMS AND GENERALIZED PHASE SPACE DISTRIBUTIONS
 GEMINI V DAY 07 SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH-CLOUD BACKGROUNDS
 SURFACE FIELDS OF LINEAR ANTENNAS IN FREE SPACE DIELECTRIC RODS AND MAGNETODIODE MEDIA
 THE LOCAL RING OF THE GENUS THREE MODULUS SPACE AT KLEIN'S 16A SURFACE
 A PROGRAM TO ESTABLISH THE AFOSR PROGRAM FOR SPACE CHEMISTRY FINAL REPORT JULY 1967
 A DIFFERENCE INEQUALITY FOR OPERATORS IN HILBERT SPACE
 DATA TRANSMISSION AND INSTRUMENTATION SYSTEMS FOR SPACE VEHICLES FINAL REPORT APR 1967
 ON THE INVERSE OF THE LYAPUNOV OPERATOR MAPPING THE SPACE OF NEN MATRICES INTO ITSELF
 THE EFFECT OF FINITE ION MASS ON THE STABILITY OF A SPACE CHARGE NEUTRALIZED ELECTRON BEAM
 LORENTZ TRANSFORMATIONS IN PHASE SPACE AND IN PHYSICAL SPACE
 AN INVESTIGATION OF POLARIZATION PHENOMENA PRODUCED BY SPACE OBJECTS
 SYMMETRIC DUALITY FOR QUADRATIC PROGRAMMING IN COMPLEX SPACE
 FABRICATION OF CADMIUM SULFIDE THIN FILM SOLAR CELLS FOR SPACE VEHICLE TESTING FINAL REPORT DEC 1967
 OPTIMAL CONTROL PROBLEMS AS EXTREMAL PROBLEMS IN A BANACH SPACE
 STRESS WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC HALF-SPACE SUBJECTED TO IMPULSIVE ELECTROMAGNETIC RADIATION
 REPRESENTATIONS OF THE ALGEBRA OF ALL OPERATORS IN HILBERT SPACE AND RELATED ANALYTIC FUNCTION ALGEBRAS
 ON EMBEDDING DECOMPOSITION SPACES OF N-DIMENSIONAL EUCLIDEAN SPACE IN N-PLUS-ONE-DIMENSIONAL EUCLIDEAN SPACE

AFOSR67-0629
 AFOSR67-0630
 AFOSR67-0631
 AFOSR67-0832
 AFOSR67-2733
 AFOSR68-0330
 ARL 68-1016
 ARL 68-1199
 AFOSR68-0126
 AFOSR68-1251
 ARL 67-1092
 AFOSR68-1657
 ARL 67-1090
 AFOSR67-0645
 APCRL68-0046
 AFOSR68-2482
 AFOSR67-1273
 AFOSR68-2112
 AFOSR67-2787
 APCRL67-0095
 AFOSR68-1212
 AFOSR67-0295
 AFOSR68-0086
 AFOSR67-0294
 AFOSR67-0840
 AFOSR68-1028
 ARL 68-0288
 AFOSR67-1192
 AFOSR67-0632
 AFOSR67-0834
 APCRL67-0498
 AFOSR67-2421
 ARL 67-1007
 ARL 67-1326
 ARL 68-1328
 AFOSR67-1700
 AFOSR68-1130
 AFOSR68-1766
 APCRL67-0563
 APCRL68-0574
 AFOSR67-2358
 AFOSR67-1494
 ARL 67-1268
 APCRL67-0338
 AFOSR67-0343
 ARL 68-1106
 AFOSR68-1028
 ARL 67-1058
 ARL 68-0090
 ARL 67-0282
 AFOSR67-0377
 AFOSR67-2453
 AFOSR67-2884
 AFOSR68-2649

SPACE

- CONTINUED

NOTE ON SECONDARY ELECTRONS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE
STUDY OF THE CONTROL OF ELECTROMAGNETIC RADIATION FROM AIRCRAFT AND SPACE VEHICLES FINAL REPORT MAR 1968 ARL 68-0293
ELECTRON CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE AFCL68-0208
INVARIANT CALCULATION OF SOME TOTAL PROPERTIES OF ASYMPTOTICALLY FLAT SPACE ARL 67-0240
ELECTRON-CONCENTRATION PATTERNS IN THE NEGATIVE GLOW AND FARADAY DARK SPACE ARL 67-1100
POSSIBLE CONFORM INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY ARL 68-0292
A REMARK ON THE HANG-HANG PRINCIPLE FOR LINEAR CONTROL SYSTEMS IN INFINITE-DIMENSIONAL SPACE AFOSR68-0764
LOWER BOUNDS AND UNIQUENESS THEOREMS FOR SOLUTIONS OF DIFFERENTIAL EQUATIONS IN A HILBERT SPACE AFOSR67-2847
RESEARCH DIRECTED TOWARD MEASUREMENT OF THE EMERGENT CHARGED PARTICLE ENVIRONMENT IN NEAR-EARTH SPACE FINAL REPORT AFCL67-0231
ON EMBEDDING DECOMPOSITION SPACES OF N-DIMENSIONAL EUCLIDEAN SPACE IN N-PLUS-ONE-DIMENSIONAL EUCLIDEAN SPACE AFOSR68-2649

SPACE-CHARGE
THE EFFECT OF NEGATIVE IONS ON DOUBLE SPACE-CHARGE SHEATHS ARL 68-0291

SPACE-TIME
SPACE-TIME CORRELATION THEORY FOR INFORMATION-CARRYING SIGNALS AFCL67-0311
SPACE-TIME CROSS-CORRELATION FUNCTIONS FOR ANTENNA ARRAY ELEMENTS IN A NOISE FIELD AFOSR67-0464
SPACE-TIME CORRELATION THEORY FOR INFORMATION-CARRYING SIGNALS AFOSR67-1453
SPACE-TIME AND ORIGIN OF INTERNAL SYMMETRIES AFOSR67-1479
SPACE-TIME RESOLVED MACH-ZEHNDER INTERFEROMETER MEASUREMENTS OF CROSSSECTIONAL ELECTRON DISTRIBUTION IN THETA-PINCH AFOSR68-0878
SPACE-TIME CORRELATION FUNCTIONS FOR THE FUSING DENSE GAS T AFOSR68-2476
SPACE-TIME SINGULARITIES AND THEIR LOCAL CHARACTERIZATION ARL 67-1328
OPTIMUM SPACE-TIME SIGNAL PROCESSING AND PARAMETER ESTIMATION AFCL68-0464
ANALYSIS OF SPACE-TIME STRUCTURE IN ELEMENTARY PARTICLE PHYSICS AFOSR67-0491
STRUCTURE OF VELOCITY SPACE-TIME CORRELATIONS IN A BOUNDARY LAYER AFOSR67-0860
NON-USUAL TOPOLOGIES ON SPACE-TIME AND HIGH-ENERGY SCATTERING AFOSR67-1421
ANALYTICAL EXPRESSIONS OF SPACE-TIME CORRELATIONS Celerities FACILITIES AND METHODS OF MEASUREMENT FOR TEMPERATURE AFOSR67-0892
ON THE RELATIONSHIP BETWEEN INTERNAL AND SPACE-TIME SYMMETRIES AFOSR68-2744
COMPARISON OF NUMERICAL CALCULATIONS AND MEASURED SPACE-TIME RESOLVED PLASMA PROPERTIES OF A DYNAMICAL THETA PINCH AFOSR67-0819
AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK - MIDCOURSE INTERCEPT VOLUME II - AREA DEFENSE SPACE-TIME STUDY FINAL ORA 67-0002
NOTES TOWARD THE CONSTRUCTION OF NONLINEAR RELATIVISTIC QUANTUM FIELDS I THE HAMILTONIAN IN TWO SPACE-TIME DIMENSIONS AFOSR68-1386

SPACE-TIMES
AN EXPLICIT DETERMINATION OF THE EMPTY SPACE-TIMES ON WHICH THE WAVE EQUATION SATISFIES HUYGENS PRINCIPLES ARL 67-1329
SOME TOTAL INVARIANTS OF ASYMPTOTICALLY FLAT SPACE-TIMES ARL 68-0172

SPACECRAFT
DIAGNOSIS OF SPACECRAFT SURFACE PROPERTIES AND DYNAMICAL MOTIONS BY OPTICAL PHOTOMETRY. ARL 68-1344
PHOTODETECTRIC STUDY OF ORBITING SPACECRAFT ARL 67-1057
POSITIVE ION SENSING SYSTEM FOR THE MEASUREMENT OF SPACECRAFT PITCH AND YAW AIR FORCE 0-10 EXPERIMENT FLOWN ON GEMINI AFCL67-0158

SPACECRAFT-MOUNTED
INVESTIGATION OF CURRENT-VOLTAGE CHARACTERISTICS OF SPACECRAFT-MOUNTED SPHERICAL ELECTROSTATIC ANALYZERS FINAL REPORT AFCL68-0588

SPACED
COMPUTER DESIGN OF UNEQUALLY SPACED ARRAYS AFCL67-0552
ARRAYS OF UNEQUAL AND UNEQUALLY SPACED DIPOLES WITH APPLICATION TO THE LOG-PERIODIC ANTENNA AFCL67-0036
ANALYSIS AND SYNTHESIS OF UNEQUALLY SPACED ARRAYS USING THE Z-TRANSFORM AFCL67-0230

SPACELIKE
KOGUTUROV-PARASUK-MEPP RENORMALIZATION THEOREM AND SPACELIKE REGULARIZATION AFOSR67-2615

SPACES
LINEAR SPACES OF ANALYTIC FUNCTIONS AFOSR68-0203
SINGLE-LEVEL SPACES AND MULTIDIMENSIONAL LAGRANGE PROBLEMS OF OPTIMIZATION AFOSR68-2007
ON BANACH SPACES WHOSE DUALS ARE L_1 SPACES AFOSR68-0248
ON REFLEXIVE SPACES HAVING THE METRIC APPROXIMATION PROPERTY AFOSR68-0246
RIGID HILBERT SPACES IN QUANTUM MECHANICS AFOSR67-0141
STATIONARY PROPERTIES OF SPACES ENERGY AND EUCLIDEAN BEHAVIOR /FRENCH/ AFOSR67-2503
SOME COMPLEMENTED FUNCTION SPACES IN $C(X)$ AFOSR68-2473
ON EMBEDDING DECOMPOSITION SPACES OF N-DIMENSIONAL EUCLIDEAN SPACE IN N-PLUS-ONE-DIMENSIONAL EUCLIDEAN SPACE AFOSR68-2649
ON THE HOMOLOGY GROUPS OF STEIN SPACES AFOSR67-1938
ON NONSEPARABLE REFLEXIVE BANACH SPACES AFOSR68-0245
TOPSION IN LIE GROUPS AND RELATED SPACES AFOSR67-0217
SCATTERING THEORY WITH TWO HILBERT SPACES AFOSR68-0610
ON THE RADIAL PROJECTION IN NORMED SPACES AFOSR68-2785
ON BANACH SPACES WHOSE DUALS ARE L_1 SPACES AFOSR68-0248
MINIMIZING FUNCTIONALS ON NORMED-LINEAR SPACES AFOSR68-0281
INTERPOLATIVE ESTIMATES IN CERTAIN SMOOLEV SPACES AFOSR67-1713
THE SPAN AND PRINCIPAL FUNCTIONS IN RIEMANNIAN SPACES AFOSR68-2614
SOME APPLICATIONS OF REPRODUCING KERNEL HILBERT SPACES AFOSR68-1973
INTERPOLATION THEOREMS FOR OPERATORS IN FUNCTION SPACES AFOSR68-1953

SPACING
THE INFLUENCE OF STIFFENER GEOMETRY AND SPACING ON THE BUCKLING OF AXIALLY COMPRESSED CYLINDRICAL AND CONICAL SHELLS AFOSR68-0870

SPALLATION
STRESS PROPAGATION AND SPALLATION CREEP KINETICS IN PENETRATED THIN PLATES AFATL67-0167
A SIMPLIFIED MODEL FOR THERMAL SHOCK AND SPALLATION IN PARTIALLY TRANSPARENT ELASTIC MATERIALS UNDER EMERGENT AFOSR68-1552

SPAN
THE SPAN AND PRINCIPAL FUNCTIONS IN RIEMANNIAN SPACES AFOSR68-2616

SPANISH
/SPANISH/ STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS XIII POLYMERIZATION OF TELLURATES IN ONE MOLAR NaCl SOLUTION AFOSR67-1306
RECORDING CAPABILITIES OF SOME SPANISH SEISMOLOGICAL STATIONS AFOSR67-2750
STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS /SPANISH/ AFOSR67-1293
THE PRESSURE AND THE INTERNAL STRUCTURE OF EARTH /SPANISH/ AFOSR67-1539
PHYTOCHEMICAL STUDY OF THE PSYCHOACTIVE SPECIES IRONIA CARNEA /SPANISH/ AFOSR68-2762
PHYTOCHEMICAL STUDY OF THE SPECIES NATURA SANGUINEA /MURCIA/ /SPANISH/ AFOSR67-0863
PHYTOCHEMICAL STUDY OF A PSYCHOACTIVE PLANT PERMETTYA PARVIFOLIA /SPANISH/ AFOSR68-2761
THE ACTIVITY SEISMIC OF THE REGION OF THE PENINSULA IBERICA UP TO YEAR OF 1960 /SPANISH/ AFOSR67-0860
THE REGION INTERGOVERNMENTAL OF SEISMOLOGY AND INGENIERIA SEISMIC OF THE UNESCO /SPANISH/ AFOSR67-0559
THE SEISMIC MAGNITUDE AND THE COEFFICIENT OF ABSORPTION IN THE IBERIAN PENINSULA REGION /SPANISH/ AFOSR67-1200

SPARK
ELECTRONIC PHENOMENA IN A HIGH CURRENT 20 NANOSECOND SPARK AFCL67-0446

SPARKING
UNIFORM-FIELD SPARKING VOLTAGES OF GASES IN CROSSED MAGNETIC FIELDS AFCL68-0536

SPARSA
THE SPARSA ATMOSPHERIC ELECTRICITY DETECTION SYSTEM AS MODIFIED BY THE ADDITION OF THE IMAGE STORAGE TUBE
AN ANALYSIS OF THE PERFORMANCE OF THE THREE-STATION SPARSA NETWORK FOR DETECTING AND TRACKING THUNDERSTORM ACTIVITY AFCL67-0183
AFCL68-0272

SPARTAN
PROSPECTS FOR SIMULATION AND SIMULATORS OF DYNAMIC SYSTEMS SPARTAN BOOKS NEW YORK 1967 FINAL REPORT JAN 1967 AFOSR68-1361

SPATIAL
SPATIAL DISTRIBUTION OF ENERGETIC ELECTRONS IN THE GEOMAGNETIC TAIL AFOSR67-1199
SPATIAL DISTRIBUTION OF EXCESS CARRIERS IN ELECTRON-BEAM EXCITED SEMICONDUCTORS AFOSR67-1857
SPATIAL AND TEMPORAL ORGANIZATION IN RETINAL UNITS AFOSR67-2538
SPATIAL DISTRIBUTION AND SOURCE MECHANISM OF MICROEARTHQUAKES IN CENTRAL NEVADA AFOSR68-1435
SPATIAL REMAPPING IN THE PRIMATE VISUAL SYSTEM AFOSR68-2245
SPATIAL AND TEMPORAL AVERAGES IN RETINAL CHANNELS AFOSR68-2600
SPATIAL INHOMOGENEITIES IN THE PULSED GLOW DISCHARGE ARL 67-0082
SPATIAL INTENSITY DISTRIBUTION AND COLOR ANALYZER FINAL REPORT SEP 1967 ARL 67-0180
SPATIAL RESOLUTION OF EMISSION AND ABSORPTION COEFFICIENTS IN SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY ARL 67-0270
SPATIAL RESOLUTION OF THE VOLUME EMISSION COEFFICIENT IN STRONGLY SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY ARL 68-0174
THE SPATIAL VARIATION OF THE QUASI-FERMION POTENTIALS IN P-N JUNCTIONS AFOSR67-1151
OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM ERRORS AFCL67-0310
TACTILE SPATIAL AFTER EFFECT OR ADAPTATION LEVEL AFOSR67-1736
STUDY OF SPATIAL DEVIATIONS IN THE CHARACTERISTICS OF SEMICONDUCTORS. ARL 68-0261
STUDIES OF SPATIAL IRREGULARITIES IN THE ATMOSPHERE AND THEIR VARIATIONS WITH TIME FINAL REPORT FEB 1968 AFCL68-0125
EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM COB PLATELETS ARL 68-0304
EVIDENCE FOR SPATIAL DISPERSION IN EMISSION FROM COB PLATELETS ARL 68-1362
OBSERVATIONS OF THE SPATIAL STRUCTURE OF INTERSTELLAR HYDROGEN I HIGH-RESOLUTION OBSERVATIONS OF A SMALL REGION AFOSR68-1008
CORRELATION FUNCTION SPATIAL FILTERING WITH INCOHERENT LIGHT AFOSR67-2152
IMPLEMENTATION OF LIF GROUP TRANSFORMS OF SPATIAL DATA ON PARALLEL LOGIC ARRAYS AFCL68-0443
WHY IS THE SCHWARZSCHILD SOLUTION INDEPENDENT OF THE SPATIAL STRESSES AFOSR68-2746
COMMENTS ON TECHNIQUES APPLICABLE TO DETERMINATIONS OF SPATIAL DISTRIBUTION OF INTENSITY AND CHROMATICITY ARL 68-0241
LANDAU DAMPING AND GROWTH OF ELECTROSTATIC WAVES WITH EFFECTS OF SPATIAL VARIATION AFOSR67-2089
A THEORETICAL AND EXPERIMENTAL RESEARCH PROGRAM IN ELECTRO-MAGNETIC FIELDS WITH EMPHASIS ON TEMPORAL AND SPATIAL AFCL68-0103

SPATIALLY
A MAXIMUM-SIGNAL THEOREM FOR THE SPATIALLY COHERENT DETECTION OF SCATTERED RADIATION AFOSR67-1040
CONSTRUCTION OF STEADY-STATE HYDROMAGNETIC DYNAMOS I SPATIALLY PERIODIC FIELDS AFOSR67-0124

SPATIALLY-ORIENTED
FEEDBACK AND CONTROL SYSTEMS IN SPATIALLY-ORIENTED BEHAVIOR FINAL REPORT SEPT 1967 AFOSR67-2213

SPECIAL
SPECIAL UTILITY PROGRAMS TO ENHANCE THE PERFORMANCE OF AN ON-LINE MEDIUM SIZE PROCESSOR USED FOR STATISTICAL AFCL67-0605
SPECIAL MAGNETIC MEASUREMENT TECHNIQUES AFOSR67-1860
SPECIAL REVIEW PART I PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH AFOSR67-2267
SPECIAL REVIEW PART II PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH AFOSR67-2268
SPECIAL PROGRAM IN MATHEMATICAL ANALYSIS AFOSR68-2181
ATOMIC PROCESSES WITH SPECIAL APPLICATION TO GASEOUS NEBULAE ARL 68-0137
PROPAGATION OF WAVES IN SPECIAL MEDIA AND GEOMETRIES FINAL REPORT NOV 1967 AFCL68-0023
PARAMETERS OF HYPNOSIS WITH SPECIAL REFERENCE TO POSTHYPNOTIC AMNESIA AND HYPNOTIC ANALGESIA FINAL REPORT OCT 1968 AFOSR68-1901
SINGULAR INTEGRAL EQUATIONS WITH SPECIAL REFERENCE TO BOUNDARY-VALUE PROBLEMS FINAL REPORT JULY 1968 AFOSR68-1616
SELF CONSISTENT ORB AND CALCULATIONS WITH SPECIAL COMMENTS ON SATURATED EARTH PLUGS ARL 68-1496
LABORATORY SIMULATION OF LUNAR LUMINESCENCE WITH SPECIAL REFERENCE TO METEORITIC MATERIAL FINAL REPORT DEC 1967 AFCL68-0235
EXTENSION TABLES FOR THE U S STANDARD ATMOSPHERE 1962 WITH SPECIAL ATTENTION TO THE CALCULATION OF GEOPOTENTIAL AFCL67-0335
STUDIES ON THE TACHYPHYLAKES TO ALPHA-METHYL METATYRAMINE WITH SPECIAL REFERENCE TO ITS CENTRAL STIMULATING ACTION AFOSR68-2711
A METHOD FOR TESTING AND IMPROVING MOLECULAR CONSTANTS OF DIATOMIC MOLECULES WITH SPECIAL REFERENCE TO BROMINE AFOSR68-0667

SPECIALISTS
SURFACE EFFECTS IN SEED'D COMBUSTION PRODUCTS /PROCEEDINGS OF A SPECIALISTS MEETING AGARD PROPULSION AND ENERGETICS AFOSR67-1216

SPECIALIZATION
RESEARCHES AND CONSIDERATIONS ON THE HEMISPHERIC DOMINANCE AND SPECIALIZATION IN MAN /ITALIAN/ AFOSR67-1495

SPECIALIZED
SPECIALIZED JUNCTIONS INVOLVED IN ELECTRICAL TRANSMISSION BETWEEN NEURONS AFOSR67-1491

SPECIE
PHYTOCHEMICAL STUDY OF THE PSYCHOMIMETIC SPECIES IPOMEA CARNEA /SPANISH/ AFOSR68-2762

SPECIES
POLYLITHIATED SPECIES FROM 1-PHENYLPROPYNE AND ORGANOLITHIUM REAGENTS AFOSR67-2423
PHYTO-CHEMICAL STUDY OF THE SPECIES DATURA SANGUINEA /HUNGARIAN/ /SPANISH/ AFOSR67-0843
CHEMICAL PROPERTIES OF LARILE SPECIES FINAL REPORT JAN 1967 AFOSR67-0044
CHARACTERIZATION OF VOLATILIZED SPECIES FROM SOLID PROPELLANTS AFOSR68-1355
DIFFERENT COILING PROPERTIES OF TWO ASPARTYL-TRNA SPECIES AFOSR67-2335
RESEARCH DIRECTED TOWARD THE STUDY OF IONIC AND NEUTRAL SPECIES IN THERMAL PLASMAS FINAL REPORT SEP 1 1967 AFCL67-0500
MASS-SPECTROMETRIC STUDY OF THE THERMODYNAMIC PROPERTIES OF ZR-F SPECIES AFOSR67-0849
RESEARCH DIRECTED TOWARD THE STUDY OF CHEMICAL REACTIONS OF EXCITED ATMOSPHERIC SPECIES FINAL REPORT JUNE 1968 AFCL68-0466

SPECIFIC
SPECIFIC MOTOR RESPONSE DURING SLEEP TO SLEEP-ADMINISTERED MEANINGFUL SUGGESTION AN EXPLORATORY INVESTIGATION AFOSR67-1853
SPECIFIC HEAT OF GOLD-FOUR VANADIUM AFOSR68-0567
SPECIFIC AND NON-SPECIFIC ACTIVITIES IN THE CENTRAL VISUAL PATHWAYS AFOSR68-1017
SPECIFIC HEAT RATIOS AND ISENTROPIC EXPONENTS FOR CONSTANT VOLUME COMBUSTION OF STOICHIOMETRIC MIXTURES OF HYDROGEN- ARL 67-0017
SPECIFIC SPOT TESTS BASED ON THE RELEASE OF HYDROGEN CYANIDE FROM ACIDIC MERCURIC CYANIDE SOLUTION ARL 68-0178
CALCULATED SPECIFIC YIELD FUNCTIONS FOR NEUTRON MONITORS FINAL REPORT JUNE 1968 AFCL68-0320
LOW-TEMPERATURE SPECIFIC HEAT OF ANTIMONY AFOSR67-1845
LOW-TEMPERATURE SPECIFIC HEAT OF ARSENIC AFOSR67-2712
LOW TEMPERATURE SPECIFIC HEAT OF DILUTE MAGNETIC ALLOYS AFOSR68-0021

- CONTINUED

AFOSR68-0168
ARL 68-1460
ARL 68-1461
AFOSR67-0694
AFOSR68-0998
AFOSR67-0371
APCML67-0477
ARL 68-1463
AFOSR68-0336

AFCRL68-0070
AFCRL68-0371
AFCRL67-0279
AFCRL68-0171
AFOSR67-0987

AFCRL 68-0349

AF OSR68-2726

AFQSR67-2343
AFQSR67-0266

AFOSR67-0765

AFOSR66-241A

AFOSR68-06-2792
AFOSR68-17-10
AFOSR68-06-128
ARL 68-0298
AFOSR67-27-32
AFCL 67-0651
AFOSR68-20-36
AFOSR67-1367
AFOSR67-20-40
AFOSR68-1531
AFOSR68-1035
AFOSR67-1426
AFOSR68-0360
AFOSR68-1092
AFOSR68-1168
AFOSR67-27-97
AFOSR68-02-98
AFOSR67-0144
AFOSR67-1817
AFOSR68-1852
AFCL 67-0501
AFOSR67-24-72
AFOSR67-24-73
ARL 68-0214
ARCL 68-0241
AFOSR67-0850
AFOSR67-1081
AFOSR68-1695
AFOSR67-2485
AFCL 68-0438
AFOSR67-1443
AFOSR67-0799
AFOSR67-0380
AFOSR67-1278
AFOSR67-0278
AFOSR68-0381
AFOSR68-0085
AFOSR68-2594
ARL 67-0085
AFOSR67-1121
AFOSR67-2265
ARCL 68-0105
AFOSR67-2784
ARL 68-0246
AFOSR67-1841
ARCL 68-0490
AFOSR68-0385
AFOSR68-1591
AFOSR68-0397
AFOSR68-0401
AFOSR68-1451
AFOSR68-2481
AFOSR67-2674
AFOSR67-2674
AFOSR67-0028
ARL 68-0332
AFOSR67-0226
AFOSR67-1141
AFOSR67-0451
AFOSR68-1951
AFOSR67-0491

SPECTRA - CONTINUED

SEMICLASSICAL THEORY OF THE EFFECTS OF INTERNAL MOTIONS ON THE LINEWIDTHS IN ELECTRON SPIN RESONANCE SPECTRA AFOSR68-0368

SPECTRAL

SPECTRAL ATMOSPHERIC ENERGISTICS DURING JANUARY 1969 FINAL REPORT JULY 1969 AFCL68-0428

SPECTRAL SHIFTS IN QUASI-STELLAR OBJECTS AFOSR67-0190

SPECTRAL ANALYSIS FOR GEOPHYSICAL DATA AFOSR67-0443

SPECTRAL RESPONSE CURVES OF SINGLE CONER IN THE CARP AFOSR67-2604

SPECTRAL EMISSIVITY CALCULATIONS BY THE STATISTICAL MODEL APPLIED TO THE 4.3 MICRONS BANDS OF CARBON DIOXIDE AT HIGH AFOSR67-2612

SPECTRAL STUDY OF THE INTERCONVERSION OF EUROPIUM PLUS 2 SPECTRA AND EUROPIUM PLUS 3 SPECTRA IN SILICATE GLASSES AFOSR68-1951

SPECTRAL DIFFERENCES BETWEEN HAEMOGLOBIN AND ISOLATED HAEMOGLOBIN CHAINS IN THE DEOXYGENATED STATE AFOSR68-2690

SPECTRAL REPRESENTATIONS FOR SYMMETRY-BREAKING PARAMETERS AFOSR68-2724

SPECTRAL RESPONSE OF THE GE GA PHOTOCONDUCTIVE DETECTOR AFOSR68-2805

SPECTRAL ANALYSIS OF PHOTOEMISSIVE YIELDS IN GaAs AND RELATED CRYSTALS ARL 68-0247

STUDY OF SPECTRAL REPRESENTATIONS FOR SIMPLE QUANTUM-MECHANICAL SYSTEMS AFOSR67-2106

GRIMM VII SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH-CLOUD BACKGROUNDS /U/ AFCL67-0498

ESTIMATES OF SPECTRAL ENERGY DENSITY APPLIED TO VERTICAL PROFILES OF THE HORIZONTAL WIND IN THE LOWER IONOSPHERE AFCL67-0054

GRIMM V OF SPECTRAL MEASUREMENTS OF SPACE OBJECTS AND EARTH-CLOUD BACKGROUNDS AFCL67-0563

INVESTIGATION OF SPECTRAL BLEACHING IN PASSIVE Q-SWITCH DYES AFOSR67-0490

VOLTAHMETRIC AND SPECTRAL STUDIES ON ZIRCONIUM IN CHLORIDE MEDIA IN ACETONITRILE AFOSR68-2268

TIME DEPENDENCE OF SPECTRAL COMPONENTS OF THE ELECTROLUMINESCENCE OF ZnS SINGLE CRYSTALS PART C FINAL REPORT AUG 1967 AFOSR67-2798

ON THE GENERATION OF ALL SPECTRAL FACTORS AFOSR68-1867

QUANTUM THEORY OF AN OPTICAL MASER II SPECTRAL PROFILE AFOSR68-1097

THE MEANING OF COLLISION BROADENING OF SPECTRAL LINES I THE CLASSICAL-OSCILLATOR ANALOG AFCL68-0489

DIFFERENTIAL PHOSPHINE COMPLEXES OF NICKEL SPECTRAL MAGNETIC AND PROTON RESONANCE STUDIES A PLANAR-TETRAHEDRAL AFOSR67-0236

DIFFERENTIAL PHOSPHINE COMPLEXES OF COBALT SPECTRAL MAGNETIC AND ELECTRON PARAMAGNETIC RESONANCE STUDIES AFOSR67-2796

ASYMPTOTIC BEHAVIOR OF INTEGRALS CONNECTED WITH SPECTRAL FUNCTIONS OF HYPOELLIPTIC OPERATORS AFOSR68-1907

PRECISION MEASUREMENT OF DIPOLE MOMENTS AND OTHER SPECTRAL CONSTANTS OF NORMAL AND DEUTERATED METHYL FLUORIDE AND AFOSR67-0365

CONFERENCE PROPERTIES OF BLACKBODY RADIATION III CROSS- SPECTRAL TENSORS AFOSR67-2730

MODULATED LIGHT SOURCE FOR ELECTRO-OPTICAL ANALYSIS OF SPECTRAL LINES ARL 67-1193

SATURATION PROBLEM OF A SUM RULE OF SCALAR AND PSEUDOSCALAR SPECTRAL FUNCTIONS AFOSR67-1617

NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES. PART II. ASYMMETRICAL SOURCES. ARL 67-0035

NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES PART I CIRCULARLY SYMMETRIC LIGHT ARL 67-0038

RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION II SPECTRAL CORRELATIONS AFOSR68-1056

THE BASIC LIMITATIONS IN THERMAL IMAGE DETECTION AS AFFECTED BY COOLING, SPECTRAL MATCHING, THE OPTICAL SYSTEM AND ARL 68-1427

COMPUTER TECHNIQUES FOR MAKING REFS LOW CALCULATIONS OF CONCENTRATIONS FROM SPECTRAL DATA AFOSR67-0838

UNIQUITY AND THE HANDELSTAN REPRESENTATION I MOMENT CONDITIONS FOR THE DOUBLE SPECTRAL FUNCTIONS AFOSR68-0438

WAVE-LENGTH DISCRIMINATION IN INSECTS A RECEPTOR CLASSES IN THE COMPOUND EYE OF THE BACKSWIMMER NOTONECTA B SPECTRAL AFOSR67-0714

SPECTROCHEMICAL

THE SELECTION OF OPTIMUM CONDITIONS FOR SPECTROCHEMICAL METHODS III SENSITIVITY OF ATOMIC FLUORESCENCE ABSORPTION AND AFOSR67-1920

SPECTROFLUORIMETERS

REMARKS ON THE ADJUSTMENT OF ENERGY-COMPENSATED SPECTROFLUORIMETERS ARL 68-0013

SPECTROFLUORIMETRY

A VERSATILE DEVICE FOR MICROSCOPIC SPECTROFLUORIMETRY AFOSR67-0866

SPECTROGRAPH

A BROAD-RANGE MAGNETIC SPECTROGRAPH SYSTEM FOR ROUTINE ANGULAR DISTRIBUTION DETERMINATIONS AFOSR67-0446

THE INFLUENCE OF A PERFECT GRATING ON THE LINE PROFILE OF A SPECTROGRAPH AFCL67-0575

SPECTROGRAPHIC

SPECTROGRAPHIC MEASUREMENTS ON AN ARC DISCHARGE AFOSR67-1177

SPECTROGRAPHIC MEASUREMENTS OF ELECTRIC SHOCK TUBE FLOW AFOSR68-1077

SPECTROGRAPHIC MEASUREMENTS OF A PULSED ARC AFOSR68-1311

SPECTROGRAPHIC OBSERVATIONS OF A VERY HIGH PRESSURE NITROGEN PLASMA ARL 67-1334

RADAR SPECTROGRAPHIC ESTIMATES OF IONIC COMPOSITION FROM 225 TO 1400 KILOMETERS FOR SOLAR MINIMUM WINTER AND SUMMER AFOSR67-0804

ANALYSIS OF SPECTROGRAPHIC PLATED IN SEMICONDUCTOR RESEARCH BY OPTO-ELECTRONIC PROCESSING. ARL 68-0258

CORRELATION IN VCV UTTERANCES SPECTROGRAPHIC MEASUREMENTS AFCL67-0266

A USERS MANUAL FOR A COMPUTER PROGRAM TO REDUCE SPECTROGRAPHIC DATA FROM A ROTATIONALLY SYMMETRIC PLASMA. FINAL REPORT ARL 68-0003

SPECTROGRAPHS

A STUDY OF X-RAY FLUORESCENCE METHOD WITH VACUUM AND AIR- PATH SPECTROGRAPHS FOR THE DETERMINATION OF FILM THICKNESSES ARL 68-0031

SPECTROMELIOGRAM

THE 9.1-CENTIMETER/ SPECTROMELIOGRAM OF MAY 20 1966 AFOSR67-1225

SPECTROMETER

TANDEM MASS SPECTROMETER FOR STUDY OF ION-MOLECULE REACTIONS FINAL REPORT MAY 1967 ARL 67-0092

A BALLOON-BORNE GRATING SPECTROMETER AFCL67-0211

ANALYSIS OF L7 ULTRAVIOLET SPECTROMETER OBSERVATIONS /U/ AFCL67-0091

DEFINITION OF L4 ULTRAVIOLET SPECTROMETER SOURCES /U/ FINAL REPORT MAR 1967 AFCL67-0240

A MODIFIED TIME-OF-FLIGHT MASS SPECTROMETER FOR HIGH PRESSURE STUDIES OF IONIC REACTIONS ARL 67-1131

AN INTERNALLY CALIBRATED ELECTRON SPECTROMETER FOR ACCELERATOR ENERGY MONITORING AFCL68-0408

MODIFICATION OF A TIME-OF-FLIGHT MASS SPECTROMETER FOR INVESTIGATION OF ION-MOLECULE REACTIONS AT ELEVATED PRESSURES ARL 68-0084

AIRBORNE ELECTRONIC ULTRA-FAST SCANNING SPECTROMETER AFCL67-0720

100 KHZ HOMOZYNE 35 GHZ REFLECTION-CAVITY SPECTROMETER WITH PHASE-LOCK OF THE REFERENCE SIGNAL AND LOW FREQUENCY FIELD AFOSR67-1136

THE EFFECT OF STRONG F FIELDS ON AN INFRARED SPECTROMETER AFOSR67-0349

DEVELOPMENT OF A HIGH PRESSURE TIME-OF-FLIGHT MASS SPECTROMETER FOR IONMOLECULE REACTION STUDIES ARL 67-1107

ANALYTICAL DESCRIPTION OF A FARRY-READT PHOTOELECTRIC SPECTROMETER AFCL67-0020

KINETIC SPECTROSCOPY IN THE INFRARED A RAPID-SCAN INFRARED SPECTROMETER AFOSR67-0875

INFRARED SOLAR SPECTRUM IN THE 1-10 REGION OBSERVED FROM A BALLOON BORNE SPECTROMETER AFCL68-0436

FLOW AND ELECTRIC FIELD EFFECTS ON THE RESPONSE OF A STAGNATION POINT MASS SPECTROMETER FINAL REPORT OCT 1967 AFCL67-0607

STUDY OF THERMAL NEUTRON CAPTURE GAMMA RAYS USING A LITHIUM DRIFTED GERMANIUM SPECTROMETER AFCL67-0104

INVESTIGATION OF NEGATIVE ION REACTIONS AT ELEVATED PRESSURES IN A TIME-OF-FLIGHT MASS SPECTROMETER ARL 68-1216

SPECTROMETERS

ROTATING CRYSTAL SPECTROMETERS WITH AND WITHOUT AN AUXILIARY DEVICE FOR SUPPRESSION OF UNWANTED REFLEXIONS AFOSR67-2697

ACCURATE MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING CW SPECTROMETERS ARL 68-1480

MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING ORDINARY EPR SPECTROMETERS ARL 68-0232

SPECTROMETRIC

MASS SPECTROMETRIC STUDY OF THE EVAPORATION OF RANOD SUB 8 AND RANOD SUB 4 FINAL REPORT OCT 1968 AFCL68-0376

MASS SPECTROMETRIC STUDY OF PURE EARTH-CARBON SYSTEMS. I. THE CERIUM-CARBON SYSTEM. II. ATOMIZATION ENERGY OF THE MOCA AFCL 67-0335

MASS SPECTROMETRIC INVESTIGATION OF H. AND HSUB2 TRANSFER REACTIONS OF HYDROCARBON IONS ARL 67-0110

SPECTROMETRIC - CONTINUED

| | |
|--|--------------|
| MASS SPECTROMETRIC STUDIES OF ION-MOLECULE REACTIONS | ARL 67-1240 |
| MASS SPECTROMETRIC INVESTIGATION OF ION-MOLECULE REACTIONS IN CYCLOHEXANE | ARL 68-0008 |
| MASS SPECTROMETRIC STUDIES OF GASEOUS ION REACTIONS | ARL 68-1128 |
| MASS SPECTROMETRIC STUDIES OF NEGATIVE ION-MOLECULE REACTIONS | ARL 68-1181 |
| A MASS SPECTROMETRIC STUDY OF THE BERYLLIUM OXIDE-BERYLLIUM DIFLUORIDE SYSTEMS AT HIGH TEMPERATURES | AFOSR68-1293 |
| IONIC PROCESSES IN CYCLOPENTANE, IMPLICATIONS OF MASS SPECTROMETRIC DATA FOR RADIOLYSIS STUDIES | ARL 68-1238 |
| SPECTROMETRY | |
| FLAME SPECTROMETRY ATOMIC FLUORESCENCE VS ATOMIC ABSORPTION | AFOSR68-1804 |
| CHEMICAL IONIZATION MASS SPECTROMETRY VII REACTIONS OF BENZENE IONS WITH BENZENE | AFOSR68-0329 |
| CHEMICAL IONIZATION MASS SPECTROMETRY, I. THE ISOMERIC HEXANES | ARL 67-1102 |
| CHEMICAL IONIZATION MASS SPECTROMETRY OF HYDROCARBONS | ARL 67-1138 |
| CHEMICAL IONIZATION MASS SPECTROMETRY | ARL 67-1171 |
| ATOMIC FLUORESCENCE FLAME SPECTROMETRY | AFOSR68-0359 |
| METASTABLE TRANSITIONS IN MASS SPECTROMETRY | ARL 67-1167 |
| TRACE ANALYSIS OF SOLIDS BY MASS SPECTROMETRY FINAL REPORT JULY 1967 | AFCL67-0451 |
| MOLECULAR BIOLOGY APPLICATIONS OF MASS SPECTROMETRY FINAL REPORT DEC 1967 | AFOSR68-0520 |
| MEASUREMENT OF FLOW RATE AND PRESSURE OF GASES IN FLAME SPECTROMETRY | AFOSR68-0405 |
| A MECHANISTIC INTERPRETATION OF CHEMICAL IONIZATION MASS SPECTROMETRY | ARL 67-1103 |
| INFLUENCE OF TYPE OF TURBULENT FLAME ON LIMITS OF DETECTION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY | AFOSR67-2818 |
| INTENSITY OF ATOMIC FLUORESCENCE AS A FUNCTION OF ATOMIC CONCENTRATION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY | AFOSR67-1299 |
| SPECTROPHOTOMETRIC | |
| SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE VII. THE IRREGULAR PLANETARY NEBULA NGC 2440 | ARL 68-0294 |
| SPECTROPHOTOMETER | |
| A NEW SPECTROPHOTOMETER FOR MEASURING ULTRAVIOLET SKY BRIGHTNESS AND DIRECT SOLAR RADIATION FINAL REPORT APR 1967 | AFCL67-0410 |
| SPECTROPHOTOMETRIC | |
| SPECTROPHOTOMETRIC STANDARDS FOR THE 1968 TOTAL SOLAR ECLIPSE | AFCL68-0057 |
| SPECTROPHOTOMETRIC DETERMINATION OF BISMUTH | AFOSR67-1697 |
| SPECTROPHOTOMETRIC DETERMINATION OF ZIRCONIUM | AFOSR67-1707 |
| SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAR XI. THE PLANETARY NGC 6543 | ARL 68-0200 |
| A SPECTROPHOTOMETRIC STUDY OF DELTA SCUTI AND DELTA DELPHINI | AFOSR67-2820 |
| AN EQUATION FOR CHARACTERISTIC CURVES OF A SPECTROPHOTOMETRIC EMULSION FINAL REPORT JUNE 1967 | ARL 67-0125 |
| SPECTROPHOTOMETRY | |
| SPECTROPHOTOMETRY OF GALACTIC NEBULAE INTERNAL OPACITY AND INTERNAL MASS STRUCTURE OF HII EMISSION REGIONS FINAL | AFCL68-0078 |
| SPECTROPHOTOMETRY OF V2 CANCRI | AFOSR67-1055 |
| SPECTROPHOTOMETRY OF NEW SHORT-PERIOD VARIABLE STARS | AFOSR67-2024 |
| COMPARISON OF LINE AND CONTINUOUS SOURCES IN ATOMIC ABSORPTION SPECTROPHOTOMETRY | AFOSR67-1301 |
| MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION STUDY OF ENERGY TRANSFER BY KINETIC SPECTROPHOTOMETRY | AFOSR67-0099 |
| SPECTROSCOPIC | |
| SPECTROSCOPIC RESEARCH FINAL REPORT MAY 1967 | AFCL67-0288 |
| SPECTROSCOPIC CONSIDERATIONS OF CHROMIUM DOPED LITHIUM GERMANATE AS A POSSIBLE LASER MATERIAL | AFCL68-0370 |
| SPECTROSCOPIC INVESTIGATION OF ELECTRON TEMPERATURE DISTRIBUTION IN A NONEQUILIBRIUM PARTIALLY IONIZED FLOWING PLASMA | AFOSR68-0614 |
| SPECTROSCOPIC STUDIES OF THE VAPORIZATION OF HIGH TEMPERATURE MATERIALS FINAL REPORT APRIL 1968 | AFOSR68-1211 |
| SPECTROSCOPIC STUDIES OF RUTHENIUM /I// COMPLEXES. ASSIGNMENT OF THE LUMINESCENCE | AFOSR68-1576 |
| SPECTROSCOPIC ANALYSES OF A AND B STARS OF PECULIAR COMPOSITION | AFOSR68-2766 |
| SPECTROSCOPIC MEASUREMENTS IN FLUCTUATING ARCS | ARL 67-0109 |
| SPECTROSCOPIC STUDIES IN A HIGH-TEMPERATURE HYDROGEN-ARC PLASMA | ARL 68-1141 |
| A SPECTROSCOPIC INVESTIGATION OF PHOTO- AND THERMOCHROMISM FINAL REPORT APR 1967 | AFML 67-0111 |
| MASS SPECTROSCOPIC OBSERVATION OF IGNITION PHENOMENA IN A SMALL ROCKET COMBUSTION CHAMBER | AFOSR68-0225 |
| ION RADICALS XIII SPECTROSCOPIC AND CRYOSCOPIC CHARACTERIZATION OF IONS AND ION RADICALS FROM PHENOTHIAZINE AND | AFOSR68-0420 |
| STRUCTURE OF DIMETHYLGOLD/III/ COMPOUNDS SPECTROSCOPIC STUDIES ON THE AQUO ION AND SEVERAL COORDINATION COMPOUNDS | AFOSR67-0481 |
| ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS I SPECTROSCOPIC EFFECTS OF METHYL GROUPS AND CORRESPONDING O D RING | AFOSR68-1166 |
| ELECTRONIC SPECTRA OF CESIUM SALTS OF CARBANIONS II SPECTROSCOPIC EFFECTS OF PHENYL SUBSTITUTION IN BENZYL ANIONS | AFOSR68-1092 |
| THE MAGNETIC MOMENT OF THE FIVE STATE OF ONE ONE SIX SN AND OTHER SPECTROSCOPIC INVESTIGATIONS IN THE DECAY OF ONE ONE | AFOSR67-0655 |
| BAND RE-ASSIGNMENT FOR ANILINE AND ITS DERIVATIVES THE MIGRATION /SPECTROSCOPIC/ MOMENT OF THE AMINO GROUPS | ARL 67-0222 |
| SPECTROSCOPY | |
| SPECTROSCOPY IN THE FAR INFRARED REGION FINAL REPORT JAN 1968 | AFCL68-0126 |
| OPTICAL SPECTROSCOPY OF SEMICONDUCTOR MATERIALS FINAL REPORT JUNE 1967 | AFCL67-0243 |
| KINETIC SPECTROSCOPY IN THE INFRARED A RAPID-SCAN INFRARED SPECTROMETER | AFOSR67-0875 |
| QUANTUM SPECTROSCOPY OF THE LOW FIELD OSCILLATIONS OF THE SURFACE IMPEDANCE | AFOSR68-0561 |
| QUANTUM SPECTROSCOPY OF THE LOW-FIELD OSCILLATIONS IN THE SURFACE IMPEDANCE | AFOSR68-1560 |
| CRYSTAL SPECTROSCOPY AT THE JOHNS HOPKINS UNIVERSITY | AFOSR68-2114 |
| NUCLEAR SPECTROSCOPY BY P D REACTION | ARL 68-1094 |
| MICROWAVE SPECTROSCOPY IN THE REGION OF 4-0.4 MILLIMETRES | AFOSR67-0076 |
| MICROWAVE SPECTROSCOPY IN THE MILLIMETER REGION FINAL REPORT JULY 1968 | AFOSR68-1928 |
| TERRESTRIAL SPECTROSCOPY FOLLOWING THE RAT ISLAND EARTHQUAKE | AFCL67-0085 |
| HYPERNUCLEAR SPECTROSCOPY FOR A EQUALS 6 | AFOSR68-1379 |
| AUGER ELECTRON SPECTROSCOPY OF FCC METAL SURFACES | AFOSR68-1805 |
| X-RAY ABSORPTION SPECTROSCOPY AT THE COPPER K EDGE | AFOSR68-0497 |
| FLAMES KINETICS AND SPECTROSCOPY | AFOSR68-2199 |
| INTERNAL CONVERSION SPECTROSCOPY | ARL 68-1210 |
| SELECTIVE EXCITATION SPECTROSCOPY FINAL REPORT JULY 1968 | AFOSR68-1922 |
| LASER PHOTOLYSIS AND SPECTROSCOPY IN THE NANOSECOND TIME RANGE EXCITED SINGLET STATE ABSORPTION IN CORDONENE | ARL 68-0144 |
| ATOMIC AND MOLECULAR SPECTROSCOPY | ARL 68-1131 |
| INTERNAL CONVERSION ELECTRON SPECTROSCOPY | ARL 68-1092 |
| RESOLUTION AND NOISE IN FOURIER SPECTROSCOPY | AFCL68-0115 |
| SPLIT FUNCTION EFFECTS IN ATOMIC SPECTROSCOPY | AFOSR68-0754 |
| RECENT DEVELOPMENTS IN MOLECULAR SPECTROSCOPY | ARL 67-1306 |
| SELF MODULATING DERIVATIVE OPTICAL SPECTROSCOPY PART II EXPERIMENTAL | AFOSR67-1656 |
| SUB-MILLIMETRE WAVE GENERATION AND SPECTROSCOPY FINAL REPORT JUNE 1968 | AFOSR68-2200 |
| USE OF SMALL COMPUTERS IN GAMMA-RAY SPECTROSCOPY | ARL 67-1180 |
| A SYSTEM TO PERFORM REAL-TIME FOURIER SPECTROSCOPY | AFCL68-0401 |
| QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY FINAL REPORT OCT 1966 | AFOSR67-0612 |
| QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY | AFOSR68-1176 |
| MICROWAVE MILLIMETER AND RADIOFREQUENCY SPECTROSCOPY FINAL REPORT NOV 1967 | AFOSR67-2668 |
| A AND B PHYSICAL AND OPTICAL OBSERVATIONAL SPECTROSCOPY AND BREAKDOWN | AFOSR68-2309 |
| RESEARCH IN THE FIELD OF HIGH RESOLUTION INFRARED SPECTROSCOPY FINAL REPORT JAN 1967 | AFCL67-0437 |
| LASER PLASMA HEATING TECHNIQUES FOR ATOMIC ABSORPTION SPECTROSCOPY | AFML 67-0287 |
| LOCALIZED DIAGNOSTIC POSSIBILITIES OF SELECTIVE EXCITATION SPECTROSCOPY | AFOSR67-1422 |
| APPLICATION OF MULTILAYER ANALYZERS IN 15-150 A FLUORESCENCE SPECTROSCOPY FOR CHEMICAL AND VALFENCE BAND ANALYSIS | AFOSR67-0035 |
| EXPERIMENTAL STUDY PROGRAM TO INVESTIGATE LIMITATIONS IN FOURIER SPECTROSCOPY FINAL REPORT JAN 1968 | AFCL68-0050 |
| A FAST RECOVERY PROBE AND RECEIVER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY | AFOSR68-0931 |
| DETERMINATION OF PARTIAL PHOTOIONIZATION CROSS SECTIONS BY PHOTOELECTRON SPECTROSCOPY | AFOSR68-1099 |

SPECTROSCOPY

- CONTINUED

A HIGH-POWER UNTUNED RADIO-FREQUENCY TRANSMITTER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY AFOSR66-1687
 STUDIES OF RADIATIONLESS TRANSITIONS IN CONFORMING USING NANOSSECOND LASER PHOTOYSIS AND SPECTROSCOPY ARL 68-1123
 EXCITED SINGLE ABSORPTION IN A LUMINESCENT BY THE USE OF NANOSSECOND LASER PHOTOYSIS AND SPECTROSCOPY ARL 68-0328
 LINE INTENSITY AND PRESSURE BROADENING STUDIES IN HYDROGEN FLUORIDE AND OTHER PROBLEMS IN INFRARED SPECTROSCOPY FINAL AFCL67-0612
 PRESSURE SHIFTS OF INFRARED LINES LOW-TEMPERATURE SPECTRA OF MOLECULES AND TECHNIQUES OF INTERFERENCE SPECTROSCOPY AFCL68-0490

SPECTRUM

SPECTRUM OF B AND PCP IN RELATION TO THE MANTLE-CORE BOUNDARY AND ATTENUATION IN THE MANTLE AFOSR67-0879
 SPECTRUM OF 3C273 AFOSR67-1130
 SPECTRUM OF SHORT-PERIOD CORE PHASES IN RELATION TO THE ATTENUATION IN THE MANTLE AFOSR67-2084
 SPECTRUM OF SN III AFOSR67-2190
 SPECTRUM OF WD III AFOSR67-2202
 SPECTRUM OF LIGHT DUBBLY SCATTERED BY AN OPALESCENT FLUID AFOSR68-1486
 THE SPECTRUM OF H α CUNE IN THE VACUUM ULTRAVIOLET AFOSR67-3018
 RAMAN SPECTRUM OF CRYSTALLINE BENZENE AFOSR67-2443
 THE MASS SPECTRUM OF TRIFLUOROSILYL TETRACARBONYL COBALT AFOSR68-2817
 THE SOLAR SPECTRUM IN THE 8577 AND 9300 Å REGIONS AFCL67-0478
 MICROWAVE SPECTRUM CONFORMATION DIPOLE MOMENT AND BARRIER TO INTERNAL ROTATION IN METHYL VINYL ETHER AFOSR68-1758
 MICROWAVE SPECTRUM VIBRATION-ROTATION INTERACTION MOLECULAR STRUCTURE AND DIPOLE MOMENT OF 1-METHYLPENTABORANE /S/ AFOSR68-2808
 ABSORPTION SPECTRUM OF ACTIVATED NITROGEN IN THE 800-1100-Å REGION AFCL67-0109
 ABSORPTION SPECTRUM OF A MAGNETOPLASMA DIELECTRIC IN A RESONANT CAVITY AFOSR68-2409
 VIBRATIONAL SPECTRUM OF CYCLOPENTADIENE AFOSR67-2760
 ON THE POINT SPECTRUM OF A TRIPLITZ OPERATOR AFOSR67-1289
 INFRARED SOLAR SPECTRUM IN THE 1.1 μ REGION OBSERVED FROM A BALLOON BORNE SPECTROMETER AFCL68-0436
 WIDE BAND VISUAL SPECTRUM PHOTOELECTRIC PHOTOMETRY OF PAGESOS DURING ITS FIRST FIFTEEN MONTHS IN ORBIT ARL 68-1140
 DERIVATION OF MASS SPECTRUM AND MAGNETIC MOMENTS FROM CURRENT CONSERVATION IN RELATIVISTIC 0/3 1/ AND 0/4 2/ - AFOSR67-1746
 THE PRIMARY ENERGY SPECTRUM FROM X 10 SUPER 14 EV - 4 X AFOSR68-0185
 ANOMALY IN SPIN-WAVE SPECTRUM OF MAGNETIC METALS AFOSR67-0105
 TWO-PHOTON ABSORPTION SPECTRUM OF CDS AFOSR67-1728
 STRUCTURED FLUORESCENCE SPECTRUM OF ANTHRACENE VAPOR AFOSR68-0730
 ON THE EXPONENTIAL MASS SPECTRUM OF ELEMENTARY PARTICLES FINAL REPORT MARCH 1967 ARL 67-0051
 PHOTON EFFECTS IN THE UV SPECTRUM OF CRYSTALLINE HEXAMETHYLENE AFOSR68-0199
 RION FROM FACTOR AND MASS SPECTRUM OF ROBONS AFOSR68-1269
 BREWSTER ANGLE REFLECTION SPECTRUM FOR OPTICAL RESONANCES ARL 68-0281
 NOTE ON THE PRIMARY ENERGY SPECTRUM AFOSR68-2866
 THE SOLAR EXTREME ULTRAVIOLET SPECTRUM BETWEEN 30 MARCH 1966 AND 17 JANUARY 1967 AFCL68-0009
 MEASUREMENT OF THE MICROSEISMIC SPECTRUM AT OTTAWA ONTARIO AFOSR67-0943
 ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF CRYSTALS ARL 68-1411
 ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF SILICON CARBIDE ARL 68-1413
 ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF GTP, SHTE, PMS, PMS AND PBT AFOSR67-1204
 GALACTIC DISTRIBUTION AND ITS ENERGY SPECTRUM ABOVE TWENTY MILLION ELECTRON VOLTS PER NUCLEON AFOSR68-0946
 PRELIMINARY OBSERVATIONS ON THE POWER SPECTRUM OF THE HUMAN EEG /ITALIAN/ AFOSR67-0707
 THE PRIMARY COSMIC-RAY ELECTRON ENERGY SPECTRUM FROM 10 40 MEV AFOSR68-0785
 MAGNETIC MOMENTS FROM FACTORS AND MASS SPECTRUM OF BARYONS AFOSR68-1138
 FURTHER INVESTIGATIONS ON THE MICROWAVE SPECTRUM OF NSF EVALUATION OF THE MOLECULAR FORCE FIELD CENTRIFUGAL DISTORTION AFOSR68-1295
 POTASSIUM HYPERFINE SPLITTING IN THE ESR SPECTRUM OF PYRENE ANIONS IN TETRAHYDROFURAN AFOSR68-2751
 IAN-QUADRUPOLE COUPLING IN THE MICROWAVE SPECTRUM OF CYANAMIDE (NH₂CN) ARL 68-1477
 EFFECT OF UNIAXIAL STRESS ON THE EXCITON SPECTRUM OF ZINCLENDE-TYPE ZNS AND ZNS AFCL67-0479
 NITROGEN LINES IN THE INFRARED FRAUNHOFER SPECTRUM ARL 67-1042
 STUDY OF THE INTERNAL CONVERSION ELECTRON SPECTRUM IN THE DECAY OF OS SUPPER 193 AFOSR68-2806
 CONDITIONS FOR THE VALIDITY OF THE ANGULAR SPECTRUM OF PLANE WAVES AFOSR67-2640
 DETECTION OF QUARKS IN THE ULTRAVIOLET SOLAR SPECTRUM AFCL68-0482
 LINE MIXING BY COLLISIONS IN THE FAR INFRARED SPECTRUM OF AMMONIA AFOSR67-0194
 QUADRUPOLE-ALLOWED TRANSITIONS IN THE ELECTRON-IMPACT SPECTRUM OF NITROGEN AFOSR68-0116
 MODIFICATION OF THE MOOL 254C SINCRONIC DOUBLE-SPECTRUM /SPECTRUM/ ANALYZER FOR IMPROVED EXTRACTION OF PITCH DATA AFCL68-0197
 SIMULTANEOUS OBSERVATIONS OF HA AND THE K-LINE OF CA II IN THE SOLAR SPECTRUM AFOSR68-2817
 UNDOCTED WHISTLER EVIDENCE FOR A SECONDARY PEAK IN THE ELECTRON ENERGY SPECTRUM NEAR 10 KEV AFCL68-0439
 A STUDY OF THE RELATIONSHIP BETWEEN MULTIPATH DISTORTION AND WAVE NUMBER SPECTRUM OF DIELECTRIC NOISE IN RADIO LINKS

SPECULATIONS

SPECULATIONS CONCERNING LARGE-ANGLE MESON-NUCLEON SCATTERING AT HIGH ENERGIES AFOSR67-1442
 SPECULATIONS ON PARTICLES SUPERSELECTION RULES AND COMPOSITES AFOSR67-2243

SPEECH

SPEECH ANALYZER SYSTEMS FINAL REPORT JUN 1968 AFCL68-0615
 SPEECH CHARACTERISTICS AS INDICES OF ATTITUDE MOOD AND MOTIVATIONAL STATE FINAL REPORT MAY 1968 AFOSR68-0953
 INVESTIGATION OF SPEECH TRANSMISSION TESTING FINAL REPORT FEB 1967 AFCL67-0197
 INVESTIGATION OF SPEECH PROCESSING STUDIES FINAL REPORT OCT 1967 AFCL67-0413
 ON THE NATURE OF SPEECH SCIENCE AFOSR67-2620
 CHARACTERIZATION OF SPEECH SOURCES IN TERMS OF GENETIC OPERATING CHARACTERISTICS AFCL67-0309
 PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES III DIAGNOSTIC EVALUATION OF SPEECH INTELLIGIBILITY FINAL REPORT AFCL67-0101
 ACOUSTIC SPECIFICATION OF SPEECH FINAL REPORT JAN 1967 AFCL67-0279
 ACOUSTIC SPECIFICATION OF SPEECH FINAL REPORT JAN 1968 AFCL68-0171
 STUDY OF ACOUSTIC PROPERTIES OF SPEECH SOUNDS AFCL68-0446
 THE EFFECTS OF TASK-INDUCED STRESS ON SPEECH FINAL REPORT AUG 1967 AFCL67-0490
 THE SIGNIFICANCE OF THE SECOND FORMANT IN SPEECH INTELLIGIBILITY AFOSR67-1414
 THE RELATION OF DESCRIPTIVE PHONETICS TO RESEARCH IN SPEECH COMMUNICATION AFOSR68-2052
 ANALYSIS OF THE PHASE FUNCTION IN SINGLE SIDERAND SIGNAL AND ITS APPLICATION TO SPEECH AFOSR67-0862
 PERFORMANCE EVALUATION OF SPEECH PROCESSING DEVICES III DIAGNOSTIC EVALUATION OF SPEECH INTELLIGIBILITY FINAL REPORT AFCL67-0101

SPEED

HIGH SPEED CASCADE TESTING AND ITS APPLICATION TO AXIAL FLOW SUPERSONIC COMPRESSORS ARL 68-1015
 ON COMPUTATIONAL SPEED - UP AFOSR68-1295
 SLOT COOLING AT HIGH SPEED FLOW ARL 68-0141
 OPTICAL DENSITY MEASUREMENTS IN A HIGH SPEED CONFINED GASEOUS VORTEX AFOSR68-0315
 RESEARCH ON COMBUSTION PROPERTIES AT HIGH SPEED AND AT LOW PRESSURES FINAL REPORT DEC 1967 AFOSR68-0467
 COGNITIVE ASPECTS OF INFORMATION PROCESSING III SET FOR SPEED VERSUS ACCURACY AFOSR67-1817
 DIRECT MEASUREMENT OF FIRST COLLISION EFFECTS IN RAPIDLY HIGH SPEED FLOWS AFOSR67-2059
 VISCOUS EFFECTS ON BLUNT CUNES AT LOW REYNOLDS NUMBERS AND HYPERSONIC SPEED ARL 67-1288
 DISCUSSION ON A CHAMBER TO MEASURE LOW NUMBER DENSITIES UNDER LOW PRESSURE AND SUPERSONIC SPEED AFCL68-0190

SPEEDS

SKIN-FRICTION DRAG AT SUPPERSONIC-HYPERSONIC SPEEDS WITH TRANSITION AFOSR67-1956
 INVESTIGATION OF THE LEFTHAND SIDE OF A DELTA WING AT HYPERSONIC SPEEDS ARL 68-1106
 EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF THE EXPANSION FLOW FIELD OVER A DELTA WING AT HYPERSONIC SPEEDS FINAL ARL 68-0027
 LAMINAR BOUNDARY-LAYER SEPARATION AND NEAR-WAKE FLOW FOR A SMOOTH BLUNT BODY AT SUPPERSONIC AND HYPERSONIC SPEEDS AFOSR67-2448

SPEEDS-EFFECTS

BOUNDARY LAYER TRANSITION ON CONES AND SPHERES AT SUPPERSONIC SPEEDS-EFFECTS OF ROUGHNESS AND COOLING AFOSR67-2048

SPHAEROIDES

ORGAN GROWTH IN THE PUPPER FISH SPHAEROIDES MACULATUS

AFOSR67-1320

SPHERE

RADIATION PRESSURE ON A CONDUCTING SPHERE
DYNAMIC COLLAPSE OF LYME ISOTHERMAL SPHERE
STUDY OF THE SCATTERING BEHAVIOR OF A SPHERE WITH AN ARBITRARILY PLACED CIRCUMFERENTIAL SLOT
CORRECTION TO STOKES LAW FOR A CHARGED SPHERE MOVING IN A POLARIZABLE COMPRESSIBLE LIQUID
A 1000 MHz ANTENNA FOR A TWENTY-FOUR INCH EJECTABLE SPHERE
REDUCTION OF BACKSCATTERING FROM THE INFINITE CONE AND THE SPHERE BY IMPEDANCE LOADING

AFOSR67-2325
AFOSR66-1882
AFCL67-0111
AFCL66-0818
AFCL67-0238
AFCL67-0400

SPHERES

BOUNDARY LAYER TRANSITION ON CONES AND SPHERES AT SUPERSONIC SPEEDS-EFFECTS OF ROUGHNESS AND COOLING
ATTAINABLE SETS AND GENERALIZED GEODESIC SPHERES
ELECTROMAGNETIC SCATTERING FROM ABSORBING SPHERES
TMP PREPARATION AND STRUCTURE OF ZIRCONIA SPHERES
A REFERENCE ORBIT USEFUL IN INTEGRATING BETWEEN ACTIVITY SPHERES
CONJECTURE CONCERNING AN ASYMPTOTIC MODIFICATION OF THE VON-NEUMANN-GREEN EQUATION FOR FLUIDS OF RIGID SPHERES AND DISKS

AFOSR67-2040
AFOSR67-1204
AFCL67-0120
AFOSR67-1350
AFOSR67-1170
AFOSR66-0780

SPHERICAL

SPHERICAL CAPS AND RANDOM VALUED HARMONIC FUNCTIONS
PROPAGATION OF SPHERICAL WAVE IN NON-STATIONARY MEDIA
SCATTERING BY A SPHERICAL SHELL WITH A CIRCULAR APERTURE
KINETIC THEORY OF A SPHERICAL ELECTROSTATIC PROBE IN A STATIONARY PLASMA
ELECTROMAGNETIC FIELDS IN A SPHERICAL CAVITY WITH A CONCENTRIC ANISOTROPIC SHELL SYSTEM
WIND TUNNEL TESTS OF SIMULATED SPHERICAL MAILSTONES WITH VARIABLE ROUGHNESS
A LINE-SOURCE CORRELATOR FOR LARGE SPHERICAL REFLECTORS
LEAK DETECTION OF LARGE PRESSURIZED SPHERICAL BALLOONS FINAL REPORT APR 1968
ON NONLINEAR EQUATIONS OF ISOTROPIC ELASTIC SPHERICAL SHELLS
THERMAL ESCAPE PROBLEM II TRANSITION DOMAIN IN SPHERICAL GEOMETRY
TORSIONAL VIBRATIONS OF HOMOGENEOUS AND SANDWICH SPHERICAL CAPS AND CIRCULAR PLATES
ELECTROMAGNETIC SCATTERING FROM CYLINDRICALLY AND SPHERICALLY STRATIFIED BODIES
PROPAGATION OF DISTURBANCES IN A GUTENBERG-BULLEN A SPHERICAL EARTH MODEL TRAVEL TIMES AND AMPLITUDES OF S WAVES
ELASTIC PRECURSOR DECAY IN QUARTZITE FOR CYLINDRICAL AND SPHERICAL FLOW
CONSTRUCTION OF STEADY STATE HYDROMAGNETIC DYNAMICS II THE SPHERICAL CONDUCTOR
VARIATIONAL APPROACH TO RAREFIED FLOWS IN CYLINDRICAL AND SPHERICAL GEOMETRY
ASYMPTOTIC DYNAMIC SHAP-THROUGH OF ELASTIC CLAMPED SHALLOW SPHERICAL SHELLS
AN IMPROVED DIFFERENTIAL APPROXIMATION FOR RADIATIVE TRANSFER WITH SPHERICAL SYMMETRY
INVESTIGATION OF CURRENT-VOLTAGE CHARACTERISTICS OF SPACECRAFT-MOUNTED SPHERICAL ELECTROSTATIC ANALYZERS FINAL REPORT
THEORETICAL SEISMOGRAMS OF TORSIONAL DISTURBANCES EXCITED AT A FOCUS WITHIN A HETEROGENEOUS SPHERICAL EARTH - CASE OF

AFOSR66-1739
AFCL66-0333
AFCL66-0035
AFOSR67-1897
AFCL66-0031
AFOSR67-1910
AFCL67-0148
AFCL66-0203
AFOSR67-2551
AFOSR67-1982
AFOSR67-2690
AFCL67-0291
AFOSR66-1134
AFOSR67-0076
AFOSR67-1913
AFOSR66-0409
AFOSR66-2840
AFCL66-0588
AFOSR66-1429

SPHERICAL-IMPLOSION

SPHERICAL-IMPLOSION LAUNCHING TECHNIQUE

ARL 67-1211

SPHERICAL-MIRROR

LOSSES IN RUBY LASERS THE SPHERICAL-MIRROR FARRY-PEROT INTERFEROMETER FINAL REPORT DEC 1967

AFCL66-0061

SPHERICALLY

ELECTROMAGNETIC SCATTERING FROM CYLINDRICALLY AND SPHERICALLY STRATIFIED BODIES

AFOSR67-2696

SPHERING

THEORY OF THE SPHERING OF RED BLOOD CELLS

AFOSR66-1232

SPHEROIDS

LOW FREQUENCY SCATTERING BY SPHEROIDS AND DISCS

AFCL67-0360

SPHERULES

SPHERULES IN SEDIMENTARY ROCKS FINAL REPORT MAY 1967

AFCL67-0315

SPIKE

TELEMETERING OF SPIKE ACTIVITY DURING BEHAVIORAL RESPONSE TO ODORANTS

AFOSR66-1983

SPIKE-PRODUCING

LOCALIZATION OF SPIKE-PRODUCING CELLS IN THE FROG RETINA

AFOSR66-2707

SPIN

SPIN AND STATISTICS IN S-MATRIX THEORY
SPIN POLARIZATION AROUND A LOCALIZED MAGNETIC IMPURITY IN A MAGNETIZED METAL
SPIN WAVE SIDE BANDS OF LOCALIZED EXCITONS
SPIN WAVES DISPERSION AND ENERGY BANDS IN FCC METALS
SPIN DEGENERACY IN THE AND METHOD EXCITED STATES OF THE BENZENE MOLECULE
SPIN PHONON INTERACTION IN MN-DOPED COS
SPIN PROPULSION OF LARGE FLEXIBLE SATELLITES BY THE SOLAR RADIATION FIELD
THE SPIN POLARIZED HARTREE-FOCK METHOD AND THE CONTRIBUTION OF CORE POLARIZATION TO HYPERFINE FIELDS OF 4D IONS
THE SPIN UP OF A STRATIFIED FLUID
RANDOM SPIN SYSTEMS SOME RIGOROUS RESULTS
NUCLEAR SPIN RELAXATION IN A ROTATING TILTED REFERENCE FRAME
SURFACE SPIN WAVES
ISOBARIC SPIN IN NUCLEAR PHYSICS
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF AMMONIUM TRIFLUOROACETATE
ELECTRON SPIN POLARIZATION DUE TO A MAGNETIC IMPURITY
ELECTRON SPIN RESONANCE STUDY OF HYDROGEN ADDITION AND - REPLACEMENT REACTIONS IN SOME PYRIMIDINE COMPOUNDS
ELECTRON SPIN RESONANCE OF FREE RADICALS FINAL REPORT DEC 1967
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF GUANINE HYDROCHLORIDE DIHYDRATE
ELECTRON SPIN RESONANCE OF SEMIQUINONES SPIN-DENSITY DISTRIBUTION AND CARBONYL SIGMA-PI PARAMETERS
ELECTRON SPIN RESONANCE STUDIES OF DEUTERIUM ISOTOPE EFFECTS A NOVEL RESONANCE-INTEGRAL PERTURBATION
ELECTRON SPIN RESONANCE STUDY OF MUONO-AND DIMERIC CATIONS OF AROMATIC HYDROCARBONS
ELECTRON SPIN RESONANCE OF HEXAFLUOROACETONE KETYL
ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF DEOXYADENOSINE MONOPHOSPHATE
ELECTRON SPIN RESONANCE STUDY OF THE ELECTROLYSIS OF TRIFLUORONITROSOMETHANE & TRIFLUORONITROMETHANE
ELECTRON SPIN RESONANCE OF PERFLUOROCYCLOUTANONE KETYL LONG-RANGE FLUORINE COUPLING
ISOBARIC SPIN- ITS INFLUENCE ON RESEARCH IN NUCLEAR PHYSICS WITH SMALL ACCELERATORS
ELECTRON SPIN RESONANCE AND THERMOLUMINESCENT EMISSION
ELECTRON SPIN POLARIZATION IN FIELD-COOLED ANTIFERROMAGNETIC CHROMIUM
EQUILIBRIUM SPIN CONFIGURATION AND RESONANCE BEHAVIOR OF RBMNP SUB J

AFOSR67-0060
AFOSR66-0599
AFOSR66-0885
AFOSR66-0955
AFOSR66-2588
ARL 67-1202
ARL 66-1097
AFOSR67-1162
AFOSR67-1575
AFOSR66-2567
AFOSR67-1043
AFOSR66-0923
AFOSR67-0445
AFOSR67-1476
AFOSR67-1965
AFOSR67-2582
AFOSR66-0660
AFOSR66-0163
AFOSR66-0388
AFOSR66-0398
AFOSR66-0399
AFOSR66-0409
AFOSR66-2236
AFOSR66-2673
AFOSR66-2874
ARL 67-1046
ARL 67-1151
ARL 66-1403
AFCL67-0253

| | |
|--|---|
| ANISOTROPIC SPIN POLARIZATION IN FERROMAGNETIC NICKEL
ON THE CHOICE OF SPIN FUNCTIONS IN THE AND METHOD
MAGNETIC ELECTRON SPIN RESONANCE OPTICAL AND STRUCTURAL STUDIES ON THE ISOMORPHOUS SERIES SODIUM SCANDIUM-IRON
USING CHAIN WITH A SPIN IMPURITY
GLOBAL EXISTENCE OF SPIN STRUCTURES FOR GRAVITATIONAL FIELDS
TRIPLET-STATE ELECTRON SPIN RESONANCE OF AN N-ATOM- METHYL-RADICAL COMPLEX IN A SOLID MATRIX
OBSERVATION OF QUANTUM SPIN AND HIGH FIELD DAMPING EFFECTS IN MICROWAVE HELICON PROPAGATION IN DEGENERATE
FREQUENCY CONVERSION OF SPIN AND SPIN-ELASTIC WAVES IN PULSED MAGNETIC FIELDS
STRONG DECAYS OF HIGHER SPIN BARYON RESONANCES IN 0/4,2/
LINE SHAPES IN ELECTRON SPIN RESONANCE SPECTRA
THE DETERMINATIONS OF THE SPIN AND PARITY OF THE S-NEEON
TEMPERATURE DEPENDENCE OF THE SPIN SUSCEPTIBILITY OF A NEARLY FERROMAGNETIC PERMI LIQUID
CAN THE SQUARE OF THE ISOTOPIC SPIN BE CONSERVED BUT NOT THE TOTAL ISOTOPIC SPIN
BLOCH EQUATION FOR CONDUCTION-ELECTRON SPIN RESONANCE
MEASUREMENT OF Q VALUES IN THE ELECTRON SPIN RESONANCE SPECTRA OF FREE RADICALS
MAGNETICALLY CHARGED FIELDS WITH INTEGER SPIN
DEUTERIUM ISOTOPE EFFECTS IN THE ELECTRON SPIN RESONANCE SPECTRA OF NAPHTHALENE NEGATIVE IONS
SUPERCONVERGENCE AND CURRENT ALGEBRA FOR A SPIN ONE HALF TARGET
SOME REMARKS ON THE FIELD THEORY FOR HIGHER SPIN
LAGRANGE FORMULATION FOR SYSTEMS WITH HIGHER SPIN
CONVARIANT PROPAGATORS AND VERTEX FUNCTIONS FOR ANY SPIN
BRAGG SCATTERING OF INFRARED RADIATION FROM COHERENT SPIN WAVES
SIMULTANEOUS PARALLEL PUMPING OF NUCLEAR AND ELECTRONIC SPIN WAVES
NUCLEAR-MAGNETIC-RESONANCE FREE INDUCTION DECAY IN A TWO- SPIN SYSTEM
DOPPLER CONVERSION AND ADIABATIC TIME DOMAIN CONVERSION OF ACOUSTIC AND SPIN WAVES
DETECTION AND IDENTIFICATION OF SHORT-LIVED FREE RADICALS BY AN ELECTRON SPIN RESONANCE TRAPPING TECHNIQUE
CAN THE SQUARE OF THE ISOTOPIC SPIN BE CONSERVED BUT NOT THE TOTAL ISOTOPIC SPIN
SEMICLASSICAL THEORY OF THE EFFECTS OF INTERNAL MOTIONS ON THE LINEWIDTHS IN ELECTRON SPIN RESONANCE SPECTRA | AFOSR67-0494
AFOSR68-1079
AFOSR68-1477
AFOSR67-0188
AFOSR68-0884
AFOSR67-0188
AFOSR67-0219
AFOSR67-0661
AFOSR68-0187
AFOSR68-0387
ARL 68-1223
AFOSR67-0397
AFOSR67-1380
AFOSR67-0164
AFOSR68-0388
AFOSR67-0122
AFOSR68-0397
AFOSR68-1249
AFOSR67-0121
AFOSR68-0137
AFOSR67-1609
AFOSR67-0658
AFOSR68-0802
AFOSR67-2041
AFOSR67-0486
AFOSR68-2067
AFOSR67-1380
AFOSR68-0388 |
| SPIN-COMPENSATED
MOSSBAUER EVIDENCE FOR A SPIN-COMPENSATED STATE IN DILUTE PR-CU ALLOYS
MOSSBAUER EFFECT IN IRON FIFTY-SEVEN IN COPPER AND THE SPIN-COMPENSATED STATE | AFOSR67-1841
AFOSR68-1091 |
| SPIN-DENSITY
ELECTRON SPIN RESONANCE OF SEMIQUINONES SPIN-DENSITY DISTRIBUTION AND CARBONYL SIGMA-PI PARAMETERS | AFOSR68-0388 |
| SPIN-DIFFUSION
DENSITY-MATRIX DERIVATION OF THE SPIN-DIFFUSION EQUATION | AFOSR67-2647 |
| SPIN-ELASTIC
FREQUENCY CONVERSION OF SPIN AND SPIN-ELASTIC WAVES IN PULSED MAGNETIC FIELDS | AFOSR67-0661 |
| SPIN-EXCHANGE
SUPERCONDUCTIVITY IN A STRONG SPIN-EXCHANGE FIELD | AFOSR67-0124 |
| SPIN-FLOP
ABSORPTION PEAK FOR ULTRASONIC WAVES NEAR THE SPIN-FLOP TRANSITION OF UNIAXIAL ANTIFERROMAGNETS | AFOSR67-1411 |
| SPIN-HALF
REACTION AMPLITUDES FOR PSEUDOSCALAR MESONS ON SPIN-HALF FERMIONS IN FOURTH-ORDER PERTURBATION THEORY | AFOSR68-2747 |
| SPIN-LATTICE
NUCLEAR SPIN-LATTICE RELAXATION IN ALKALI HALIDES AT LOW TEMPERATURES
NUCLEAR SPIN-LATTICE RELAXATION VIA PARAMAGNETIC CENTERS
NUCLEAR SPIN-LATTICE RELAXATION IN CALCIUM FLUORIDE CRYSTALS VIA PARAMAGNETIC CENTERS
NUCLEAR SPIN-LATTICE RELAXATION STUDIES
NUCLEAR SPIN-LATTICE RELAXATION MEASUREMENTS BY TONE-BURST MODULATION
NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF CADMIUM SULFIDE
NUCLEAR SPIN-LATTICE RELAXATION IN SEMICONDUCTING CADMIUM SULFIDE
NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF COS
MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING ORDINARY EPR SPECTROMETERS
ACCURATE MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING CW SPECTROMETERS | AFOSR67-1383
AFOSR68-0831
AFOSR68-0836
AFOSR68-1684
ARL 68-0123
ARL 68-0294
ARL 68-1424
ARL 68-1458
ARL 68-0232
ARL 68-1460 |
| SPIN-ONE
FIRST-ORDER PHASE TRANSITIONS IN SPIN-ONE ISING SYSTEMS | AFOSR67-2035 |
| SPIN-ORBIT
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL COS, COSE, ZNS AND ZNSE
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL COS, COSE, ZNS, AND ZNSE
EXTERNAL SPIN-ORBIT COUPLING PHENOMENA
EFFECT OF PARAMAGNETISM AND SPIN-ORBIT SCATTERING ON M SUB CSUB 2 OR ZIRCONIUM-NIOBIUM ALLOYS | ARL 67-1082
ARL 67-1084
ARL 67-1144
AFOSR67-1017 |
| SPIN-PHONON
DIRECT SPIN-PHONON INTERACTION IN SOLID HELIUM THREE
INVESTIGATION OF ELECTRON AND NUCLEAR SPIN-PHONON INTERACTIONS IN METALS AND SEMICONDUCTORS FINAL REPORT DEC 1967 | AFOSR68-0787
AFOSR69-0262 |
| SPIN-POLARIZATION
LONG RANGE SPIN-POLARIZATION IN THE KONDO EFFECT | AFOSR67-0104 |
| SPIN-SPIN
TUNGSTEN-PHOSPHORUS SPIN-SPIN COUPLING IN TUNGSTEN CARBONYL DERIVATIVES
LONG-RANGE 3IP SUPER IN SPIN-SPIN COUPLINGS IN BENZYL AND TOLYL PHOSPHORUS COMPOUNDS | AFOSR68-1260
AFOSR67-2373 |
| SPIN-STATISTICS
CLUSTER DECOMPOSITION AND THE SPIN-STATISTICS THEOREM IN S-MATRIX THEORY | AFOSR68-0270 |
| SPIN-WAVE
ANOMALY IN SPIN-WAVE SPECTRUM OF MAGNETIC METALS
UNIFORM MODE RESONANCE AND SPIN-WAVE INSTABILITY IN ROMMF3 | AFOSR67-0104
AFOSR67-0660 |

SPRING

INDUCTIVE INFERENCE RESEARCH STATUS SPRING 1967 FINAL REPORT JULY 1967
 INDUCTIVE INFERENCE RESEARCH STATUS SPRING 1967 FINAL REPORT JULY 1967

AFCL67-0462
 AFOSR68-1203

SPUR

A PHOTOSTRESS STUDY OF SPUR GEAR TEETH
 MARCH 1966 OBSERVATIONS OF THE GALACTIC SPUR IN THE 20 TO 40 MHZ RANGE

AHL 67-1210
 AFCL67-0546

SPURIOUS

SPURIOUS SECOND HARMONICS FROM MODULATED LANGMUIR PROBES

AFAL 67-0323

SPUTTERED

DEPTH OF PENETRATION OF BORONATING IONS INTO A SPUTTERED SURFACE FINAL REPORT FEB 1967

AFAL 67-0003

SPUTTERING

DEPOSITION OF SINGLE CRYSTAL OXIDE FILMS BY EVAPORATION AND SPUTTERING FINAL REPORT AUG 1967

AFAL 67-0130

SQUARE

CAN THE SQUARE OF THE ISOTOPIC SPIN BE CONSERVED BUT NOT THE TOTAL ISOTOPIC SPIN
 A GENERAL LEAST SQUARE DETERMINATION OF THE IMPEDANCE OF AN ANTENNA FROM SLOTTED LINE MEASUREMENTS ACCOUNT TAKEN OF
 ON THE USE OF IMPLICIT UNKNOWN IN THE LEAST SQUARE METHOD
 SELECTION RULES AND THE DECOMPOSITION OF THE KRONECKER SQUARE OF IRREDUCIBLE REPRESENTATIONS

AFOSR67-1380
 AFCL68-0429
 AFOSR68-1485
 AFOSR68-2132

SQUARE-PLANAR

Absorption Spectra of Square-Planar Complexes of Ethylenediamine with Nickel(II) and Palladium(II)

AFOSR68-0360

SQUARE-Well

Comments on the Equation of State of the Square-Well Fluid

AFOSR68-0421

SQUARES

Nonlinear Least Squares Methods. A Direct Grid Search Approach.

AHL 68-0345

SQUID

Properties of the Atapase System from the Sheath of SQUID Giant Axons

AFOSR68-1707

STABILITY

The Principle of Exchange of Stabilities II: The Onset of Convection in the Presence of Rotation

AFOSR67-2554

STABILITY

STABILITY OF SUPERFLUID FLOW IN AN ANNULUS
 STABILITY OF SPIRAL MOTION
 STABILITY CONDITIONS FOR A BOSON SYSTEM INTERACTING WITH A PARTLY REPULSIVE AND PARTLY ATTRACTIVE POTENTIAL
 STABILITY OF NONLINEAR TIME-VARYING NETWORKS
 STABILITY OF PASSIVE TIME-VARIABLE CIRCUITS
 STABILITY THEORY AND THE ASYMPTOTIC BEHAVIOR OF DYNAMICAL SYSTEMS
 STABILITY INDICATIVE FUNCTION AND ITS APPLICATION TO SYSTEMS WITH TIME DELAY
 STABILITY OF STOCHASTIC DYNAMICAL SYSTEMS
 STABILITY ANALYSIS OF PREDICTIVE CONTROL SYSTEMS
 STABILITY OF EPIDEMIC PROCESSES
 STABILITY OF AN ELASTIC RING IN A RIGID CAVITY
 STABILITY OF TURBULENT CHANNEL FLOW WITH APPLICATION TO MALKUS'S THEORY
 STABILITY OF HELMHOLTZ PLASMA FLOW IN A DISCONTINUOUS MAGNETIC FIELD
 STABILITY REGIONS OF DISCRETE VARIABLE METHODS FOR ORDINARY DIFFERENTIAL EQUATIONS
 STABILITY OF TWO-DIMENSIONAL POISEUILLE FLOW
 STABILITY CONDITIONS FOR A MIXED DISTRIBUTED AND LUMPED PARAMETER CONTROL SYSTEM
 STABILITY THEORY FOR ORDINARY DIFFERENTIAL EQUATIONS
 STABILITY OF A MAGNETOHYDRODYNAMIC HALF-JET III: INVISCID STABILITY OF A COMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET
 STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART II: INVISCID STABILITY OF INCOMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET
 STABILITY OF RELATIVISTIC MAGNETOHYDRODYNAMIC SHOCK WAVES
 STABILITY OF RELATIVISTIC HALF-JET
 STABILITY OF MAGNETOHYDRODYNAMIC SHOCK WAVES
 STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART I: MAGNETOHYDRODYNAMIC HALF-JET
 STABILITY OF LINEAR MULTIVARIABLE FEEDBACK SYSTEMS
 STABILITY AND HAMILTONIAN OF NONSPECIFIC GYRO
 STABILITY OF LINEAR TIME-INVARIANT SYSTEMS
 STABILITY OF IONIC AND PARTIALLY IONIC SURFACES
 A STABILITY CRITERION FOR SYSTEMS WITH A SINGLE SLOPE -RESTRICTED MONOTONE NONLINEARITY
 A STABILITY THEORY FOR NON-LINEAR DISTRIBUTED NETWORKS
 ON STABILITY FOR DIFFERENCE SCHEMES A SHARP FORM OF GARDING'S INEQUALITY
 THE STABILITY OF IONIZATION FRONTS
 ON THE STABILITY AND CONVERGENCE OF THE SO-CALLED /FORWARD AND CENTERED FINITE-DIFFERENCE/
 ON THE STABILITY OF ECCENTRICALLY STIFFENED CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION
 ON THE STABILITY CONSTRAINTS AND OSCILLATORY BEHAVIOR OF COUPLED SYSTEMS
 ON THE STABILITY AGAINST SHEAR WAVES OF STEADY FLOWS OF NON-LINEAR VISCOELASTIC FLUIDS
 ON THE STABILITY OF SOLUTIONS OF FUNCTIONAL-DIFFERENTIAL EQUATIONS
 ON THE STABILITY OF CERTAIN MOTIONS OF INCOMPRESSIBLE MATERIALS WITH MEMORY
 NUCLEAR STABILITY AND NUCLEAR ENERGY BY MEANS OF ATOMIC MASS MEASUREMENT FINAL REPORT JULY 1967
 DYNAMIC STABILITY OF A PENDULUM UNDER COEXISTENCE OF PARAMETRIC AND FORCED EXCITATION
 DYNAMIC STABILITY OF STRUCTURES - INTERNATIONAL CONFERENCE ON DYNAMIC STABILITY OF STRUCTURES 18-20 OCT 1965
 STUDY OF STABILITY OF HYDROMAGNETIC PLASMAS AND THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE BEHAVIOR OF IONIZED
 TRANSIENT STABILITY OF AN A C GENERATOR BY LYAPUNOV'S DIRECT METHOD
 HYPERSONIC STABILITY DERIVATIVES FOR A STANDARD 10 DEGREE CONE FINAL REPORT MAY 1967
 DUALITY AND STABILITY IN EXTREMUM PROBLEMS INVOLVING CONVEX FUNCTIONS
 AERODELASTIC STABILITY CHARACTERISTICS OF CYLINDRICAL SHELLS CONSIDERING IMPERFECTIONS AND EDGE CONSTRAINT
 A NOTE ON THE STABILITY PROPERTIES OF UNIFORM TEMPERATURE FIELDS
 NORMAL FORM AND STABILITY OF A CLASS OF COUPLED NONLINEAR NETWORKS
 RESEARCH ON THE STABILITY OF THE BODY-CENTERED-CUBIC STRUCTURE IN METALS AND ALLOYS FINAL REPORT AUG 1968
 SENSITIVITY AND STABILITY ANALYSIS ON A FINITE TIME INTERVAL
 A FREQUENCY-DOMAIN STABILITY CHART FOR NONLINEAR FEEDBACK SYSTEMS
 NEW PROPERTY OF THE STABILITY DIAGRAM FOR CURVED-MIRROR RESONATORS
 SOME REMARKS ON THE STABILITY OF HYDROMAGNETIC SHOCK WAVES
 THE RAYLEIGH-TAYLOR STABILITY OF CONFINED VISCOUS FLUIDS WITH AN INTERFACE FINAL REPORT JUNE 1967
 PLASMA TRANSPORT AND STABILITY IN A MINIMUM-A MAGNETIC FIELD FINAL REPORT APRIL 1967
 THERMODYNAMICS AND THE STABILITY OF FLUID MOTION
 RESEARCH ON HYPERSONIC STABILITY DERIVATIVES IN PITCH FOR BLUNTED SLENDER CONES
 ON THE OSCILLATIONS AND STABILITY OF ROTATING STELLAR MODELS I MATHEMATICAL TECHNIQUES

AFOSR67-0019
 AFOSR67-0293
 AFOSR67-0597
 AFOSR67-0718
 AFOSR67-0773
 AFOSR67-1084
 AFOSR67-1260
 AFOSR67-1278
 AFOSR67-1339
 AFOSR67-1467
 AFOSR67-2055
 AFOSR67-2063
 AFOSR67-2066
 AFOSR67-2329
 AFOSR67-2420
 AFOSR68-0214
 AFOSR68-0767
 AFOSR68-1578
 AFOSR68-1581
 AFOSR68-1586
 AFOSR68-1610
 AFOSR68-1611
 AFOSR68-1774
 AFOSR68-2065
 AFOSR68-2170
 AFOSR68-2573
 ARL 68-1056
 AFOSR68-2022
 NADC 67-0328
 AFOSR67-2850
 AFOSR67-2636
 AFCL68-0290
 AFOSR67-2442
 AFOSR67-2498
 AFOSR68-2136
 AFOSR68-2595
 AFOSR68-2694
 AFOSR67-1715
 AFOSR68-0001
 AFOSR68-0478
 AFCL67-0675
 AFOSR68-2805
 AHL 67-0099
 AFOSR68-0280
 AFOSR68-0382
 AFOSR67-2685
 AFOSR68-0076
 AFOSR68-1942
 AFOSR68-2390
 AFOSR68-1325
 AFOSR67-0485
 AFOSR67-1263
 AFOSR67-1500
 AFOSR67-1765
 AFOSR67-2297
 ARL 68-1117
 AFOSR68-2696

| | |
|---|--------------|
| ELECTRONIC STRUCTURE AND STABILITY OF THE INORGANIC FULMINATES | AFOSR68-0613 |
| NORMAL MODE EXPANSION AND STABILITY OF COUETTE FLOW | AFOSR68-2618 |
| ROUNDED-INPUT-ROUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DIFFERENTIAL SYSTEMS | AFOSR68-0074 |
| ROUNDED-INPUT/ROUNDED-OUTPUT STABILITY FOR THE LOOP PROBLEM | AFOSR68-0086 |
| ROUNDED-INPUT/ROUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DISCRETE CONTROL SYSTEMS | AFOSR68-2454 |
| EXTENDED DYNAMICAL SYSTEMS AND STABILITY THEORY | AFOSR67-2474 |
| THE PARADOLA TEST FOR ABSOLUTE STABILITY | AFOSR68-2434 |
| ON ROUNDED-INPUT-ROUNDED-OUTPUT STABILITY OF A CERTAIN CLASS OF NONLINEAR SAMPLED-DATA SYSTEMS | AFOSR67-0298 |
| QUANTITATIVE ASPECTS ON THERMAL STABILITY OF ORGANIC COMPOUNDS FINAL REPORT NOV 1966 | AFOSR67-0523 |
| ON THE EXISTENCE UNIQUENESS AND STABILITY OF SOLUTIONS OF A THIRD ORDER PARTIAL DIFFERENTIAL EQUATION | AFOSR68-1181 |
| CONTROLLABILITY OBSERVABILITY AND STABILITY OF LINEAR SYSTEMS | AFOSR68-1304 |
| ON THERMODYNAMIC CONDITIONS FOR THE STABILITY OF EVOLVING SYSTEMS | AFOSR68-1641 |
| FUNCTIONAL ANALYSIS APPROACH TO THE STABILITY OF NONLINEAR SYSTEMS | ADAC 67-0030 |
| THE EFFECT OF FINITE ION MASS ON THE STABILITY OF A SPACE CHARGE NEUTRALIZED ELECTRON BEAM | ARL 68-1196 |
| EFFECT OF ELECTROMAGNETIC FORCE ON THE STABILITY OF LIQUID FILMS | AFOSR67-2060 |
| ALTERNATE COEFFICIENTS CONSTRAINTS FOR STABILITY TEST | AFOSR68-2535 |
| AN INVARIANCE PRINCIPLE IN THE THEORY OF STABILITY | AFOSR68-0307 |
| AN EXPERIMENTAL STUDY ON THE AEROELASTIC STABILITY OF THIN CYLINDRICAL SHELLS AT THE LOWER SUPersonic MACH NUMBERS | ARL 67-0004 |
| RECENT STUDIES ON OPTIMIZATION FOR ELASTIC STABILITY OF CYLINDRICAL AND CONICAL SHELLS | AFOSR68-1787 |
| THE EFFECT OF SEVERE NOSE BLUNTNESS ON THE STABILITY OF SLENDER CONES IN HYPERSONIC FLOW | ARL 67-0101 |
| THE ANALYSIS OF EXPERIMENTAL DATA OBTAINED FROM STABILITY STUDIES ON ELASTIC COLUMN AND PLATE STRUCTURES | AFOSR67-1259 |
| REARRANGEMENT OF ALLYL PHOSPHINITE AND OPTICAL STABILITY OF ALLYL PHOSPHINE OXIDES | AFOSR68-1592 |
| INFLUENCE OF IN-PLANE BOUNDARY CONDITIONS ON THE STABILITY OF CONICAL SHELLS UNDER HYDROSTATIC PRESSURE | AFOSR67-1942 |
| MATHEMATICS IN SCIENCE AND ENGINEERING STOCHASTIC STABILITY AND CONTROL | AFOSR67-2702 |
| EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE STABILITY OF AIR FLOW OVER A WATER SURFACE | AFOSR68-2821 |
| THE INFLUENCE OF ELECTRICAL RESISTIVITY ON THE MHD STABILITY OF STATIONARY EQUILIBRIA | AFOSR67-2434 |
| EXISTENCE OF ENTROPY AS A CONSEQUENCE OF ASYMPTOTIC STABILITY | AFOSR67-2154 |
| STABILITY OF A MAGNETOHYDRODYNAMIC HALF-JET III. INVISCID STABILITY OF A COMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET | AFOSR68-1478 |
| NOSE BLUNTNESS, CONE ANGLE, AND MACH NUMBER EFFECTS ON THE STABILITY DERIVATIVES OF SLENDER CONES FINAL REPORT SEP 1966 | ARL 67-0185 |
| NUMERICAL EXPERIMENTS OF MAGNETOHYDRODYNAMIC SHOCKS AND THE STABILITY OF SWITCH-ON SHOCKS | AFOSR67-2078 |
| QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS AND STRUCTURAL STABILITY | AFOSR67-2203 |
| STABILITY OF MAGNETOHYDRODYNAMIC HALF-JET PART II. INVISCID STABILITY OF INCOMPRESSIBLE MAGNETOHYDRODYNAMIC HALF-JET | AFOSR68-1591 |
| A REVIEW OF THE APPLICABILITY OF THE SOUTHWELL PLOT TO THE INTERPRETATION OF TEST DATA OBTAINED FROM STABILITY STUDIES | AFOSR67-1441 |
| STABILIZATION | |
| STABILIZATION OF HELICAL MODES BY MAGNETIC BELLS | AFOSR67-2076 |
| LARGE AMPLITUDE STABILIZATION OF FLUTE GROWTH | AFOSR68-1174 |
| STUDY OF THE DEVELOPMENT AND STABILIZATION OF DETONATIONS FINAL REPORT OCT 1966 | AFOSR67-0419 |
| STUDY OF THE DEVELOPMENT AND STABILIZATION OF DETONATIONS FINAL REPORT OCT 1967 | AFOSR68-0129 |
| THE CHEMISTRY OF η^5 -METHYLCYCLOPENTADIENYL CARBONYL ION STABILIZATION BY THE FERROCENYL GROUP | AFOSR67-1514 |
| STABILIZED | |
| SURFACE STABILIZED FREE RADICALS | AFOSR68-1313 |
| RARE EARTH STABILIZED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS | ARL 68-0154 |
| SMALL OSCILLATIONS OF A STABILIZED INVERTED PENDULUM | AFOSR68-0075 |
| STABLE | |
| STABLE AND UNSTABLE SILYL AND GERMYL COMPOUNDS FINAL REPORT MARCH 1967 | AFOSR67-0754 |
| MODES IN STABLE AND UNSTABLE REGIONS OF THE FLAT-ROOF OPEN RESONATOR | AFOSR67-0357 |
| STRUCTURALLY STABLE SYSTEMS ON OPEN MANIFOLDS ARE NEVER DENSE | AFOSR68-2260 |
| THE SKELETONS OF STABLE PLANE SETS | AFOSR68-0025 |
| A METHOD FOR THE DESIGN OF STABLE NONLINEAR FEEDBACK SYSTEMS | AFOSR68-0624 |
| ON THE STEADY MOTIONS PRODUCED BY A STABLE STRATIFICATION IN A RAPIDLY ROTATING FLUID | AFOSR68-0374 |
| BRIEF COMMUNICATION A NEW TECHNIQUE FOR A STABLE PHOTIC STIMULATION OF FREE-MOVING ANIMALS | AFOSR68-1699 |
| CRITICAL STRAIN FIELD IN THE VICINITY OF A STABLE FRACTURE | AFOSR68-1759 |
| SURGICAL IMMORILIZATION OF THE EYE AND PUPIL PERMITTING STABLE PHOTIC STIMULATION OF FREELY MOVING CATS | AFOSR67-2540 |
| STABLES | |
| A CHARACTERIZATION OF THE STABLES AND SYSTEMATIC PROCESS /FRENCH/ | AFOSR67-2395 |
| STACK | |
| CHECKING AUTOMATA AND ONE-WAY STACK LANGUAGES | AFOSR68-0241 |
| STACKING | |
| STACKING FAULT ENERGIES OF THE STRUCTURALLY RELATED COPPER -GALLIUM ALPHA AND ZETA PHASES | AFOSR67-1404 |
| STACKING-FAULT | |
| STACKING-FAULT ENERGY AND MANY-BODY FORCE EFFECTS IN SOLID ARGON | AFOSR67-1529 |
| STAGE | |
| STAGE II WORK HARDENING IN CRYSTALS | AFOSR67-1156 |
| A GONIOMETER STAGE FOR USE AT LIQUID HELIUM TEMPERATURES | AFOSR67-0369 |
| CAVITY REACTOR WITH TWO STAGE SEPARATION | ARL 68-1395 |
| A STUDY OF THE INDEFINITE STAGE OF SLEEP IN OLIGOPHYNICS RELATIONSHIP WITH SPINDLES AND PARADOXICAL SLEEP | AFOSR67-2971 |
| AN ELECTRON MICROSCOPE LIQUID HELIUM STAGE FOR USE WITH ACCESSORIES | AFOSR68-0538 |
| ELECTROPHYSIOLOGICAL EVIDENCE FOR A NEURAL STAGE IN DARK ADAPTATION | AFOSR67-2545 |
| CONVECTIVE INSTABILITY OF INERTIA WAVES AND PHYSICAL ANALYSIS OF THE FORMATION OF TYPHOONS AT THE EARLY STAGE | AFOSR68-0292 |
| STAGES | |
| APPLICATION OF BLUNT TRAILING EDGE BLADINGS TO SUPERSONIC COMPRESSOR STAGES FINAL REPORT MAY 1967 | ARL 67-0120 |
| STAGNATION | |
| EQUILIBRIUM AIR STAGNATION POINT BOUNDARY-LAYER CALCULATIONS USING A VARIABLE HEAT OF DISSOCIATION MODEL | ARL 68-0349 |
| TWO LAYER ABLATION AT AN AXISYMMETRIC STAGNATION POINT | ARL 68-0181 |
| ENHANCEMENT OF HEAT AND MASS TRANSFER IN A STAGNATION REGION BY FREE STREAM VORTICITY | ARL 68-0022 |
| EFFECT OF THE REDUCTION OF THE PRANDTL IN THE STAGNATION REGION PAST AN AXISYMMETRIC BLUNT BODY IN HYPERSONIC FLOW | AFOSR68-2084 |
| FLOW AND ELECTRIC FIELD EFFECTS ON THE RESPONSE OF A STAGNATION POINT MASS SPECTROMETER FINAL REPORT OCT 1967 | ARL 67-0607 |
| THE EFFECT OF WALL TEMPERATURE ON THE LOW REYNOLDS NUMBER HYPERSONIC STAGNATION REGION SHOCK LAYER | ARL 67-0074 |
| STAINLESS | |
| LATTICE DEFECTS IN STAINLESS STEEL SHOCK-LOADED TO PRESSURES ABOVE 1 MEGABAR | AFOSR68-2629 |
| THERMAL RECOVERY OF EXPLOSIVE SHOCK-LOADED STAINLESS STEEL | AFOSR68-2351 |
| DISCONTINUOUS YIELDING OF HYPERSTABLE AUSTENITIC STAINLESS STEEL | AFOSR67-2310 |
| TRANSGRANULAR STRESS-CORROSION CRACKING MECHANISMS IN HIGH-PURITY AUSTENITIC STAINLESS STEELS | AFOSR68-1530 |

STALL

STALL PROPAGATION IN A CASCADE OF AIRFOILS
SEPARATION AND STALL OF AN IMPULSIVELY STARTED ELLIPTIC CYLINDER
RESEARCHES ON HYPERTHERMODYNAMICS HYPERSONIC FLOW ROTATING STALL FINAL REPORT JULY 1968 AFOSR68-2306
AFOSR68-1354
AFOSR68-2192

STALLED

INVESTIGATION OF A TWO-DIMENSIONAL FULLY STALLED TURBULENT FLOW FIELD AFOSR67-2047

STANDARD

STANDARD ATMOSPHERIC SUPPLEMENTS 1966 FINAL REPORT JULY 1967 AFCLRL67-0844
THE STANDARD STATE ENERGY OF FORMATION OF CHLOROUS OXIDE ARL 67-0163
A RADIATION STANDARD FOR VACUUM ULTRAVIOLET ARL 68-1185
ABSOLUTE RADIATION STANDARD IN THE FAR INFRARED AFOSR67-0488
EXTENSION TABLE FOR THE U.S. STANDARD ATMOSPHERE 1967 WITH SPECIAL ATTENTION TO THE CALCULATION OF GEOPOTENTIAL AFCLRL67-0335
TRANSFORMATION OF PROGRAM SCHEMES TO STANDARD FORMS AFOSR68-0684
HYPERSONIC STABILITY DERIVATIVES FOR A STANDARD 10 DEGREE CONE FINAL REPORT MAY 1967 ARL 67-0899
DEVIATIONS CONDITIONAL ESTIMATION OF THE STANDARD/ OF THE NORMAL AND LOGISTIC DISTRIBUTIONS FROM DOUBLY CENSORED ARL 67-1003
SIMULTANEOUS LINEAR ESTIMATION OF THE MEAN AND STANDARD DEVIATION OF THE NORMAL AND LOGISTIC DISTRIBUTION BY THE USE ARL 67-1002
A COMPARISON OF THE CONVERSION EFFICIENCY OF NEAR-INFRARED SENSITIVE PHOTOGRAPHIC FILMS WITH THAT OF STANDARD. ARL 68-0256

STANDARDIZATION

THE STANDARDIZATION OF SOLUTIONS OF METHYLLITHIUM AND METHYLMAGNESIUM DERIVATIVES AFOSR67-1429

STANDARDIZED

A COMPARISON OF HYPNOTIC SUSCEPTIBILITY AS ASSESSED BY DIAGNOSTIC RATINGS AND INITIAL STANDARDIZED TEST SCORES AFOSR67-1839

STANDARDS

SPECTROPHOTOMETRIC STANDARDS FOR THE 1967 TOTAL SOLAR ECLIPSE
RUSIES FOR TEMPERATURE STANDARDS FINAL REPORT NOV 1967 AFCLRL68-0057
RADOC 67-0575

STANFORD

STANFORD RADIO ASTRONOMY INSTITUTE AFOSR68-1122

STANSTEAD

PROCEEDINGS OF THE SEVENTH STANSTEAD SEMINAR ON THE MIDDLE ATMOSPHERE AFCLRL68-0224

STAR

THE MANGANESE STAR 53 TAURI II FINE ANALYSIS AFOSR67-1119
A MODEL ATMOSPHERE FOR A B4 V STAR WITH LINE BLANKETING AFOSR68-1754
ZIRCONIUM ISOTOPE RATIOS IN THE S-TYPE STAR HR 1105 AFOSR68-1156
ON THE CONVECTIVE INSTABILITY OF A GASEOUS STAR /FRENCH/ AFOSR68-2521
ON THE ABSOLUTE MAGNITUDE AND EFFECTIVE TEMPERATURE OF THE HYDROGEN-POOR STAR HD 30353 AFOSR67-2673

STAR-FREE

A NOTE ON STAR-FREE EVENTS AFOSR68-0632

STARKE

STARK LADDER IN SOLIDS
MILLIMETER-WAVE ROTATIONAL STARK SPECTRA OF HMCO DNCO AND HNSUB3 DIPOLE-MOMENT CHANGES WITH K
EXPERIMENTAL TESTS OF HYDROGEN B STARK BROADENING THEORY AT HIGH ELECTRON DENSITIES AFOSR68-1820
AFOSR67-0790
ARL 68-1183

STARS

HELIUM STARS OF SMALL MASS AFOSR67-0658
RAPIDLY ROTATING STARS II MASSIVE WHITE DWARFS AFOSR68-1032
RAPIDLY ROTATING STARS I THE SELF-CONSISTENT-FIELD METHOD AFOSR68-1033
RAPIDLY ROTATING STARS III MASSIVE MAIN-SEQUENCE STARS AFOSR68-2695
SPECTRA OF THE CENTRAL STARS OF PLANETARY NEBULAE AFOSR68-2792
STUDIES OF THE PECULIAR A STARS V CONTINUOUS ENERGY DISTRIBUTIONS AFOSR68-0990
NEUTRAL OXYGEN IN LATE-TYPE STARS AFOSR67-1332
OBSERVATIONS OF PROPER-MOTION STARS III AFOSR68-0960
SPECTROSCOPIC ANALYSES OF A AND B STARS OF PECULIAR COMPOSITION AFOSR68-2766
GRAVITATIONAL RADIATION FROM NEUTRON STARS AFOSR67-1172
NEAR INFRARED PHOTOMETRY OF LATE TYPE STARS AFCLRL68-0042
MOLECULAR BAND INTENSITIES IN G AND K STARS AFOSR68-0994
NARROW- AND BROAD-BAND PHOTOMETRY OF RED STARS I NORTHERN GIANTS AFOSR67-2670
NARROW- AND BROAD-BAND PHOTOMETRY OF RED STARS II DWARFS AFOSR68-2269
ABUNDANCES IN TWO EXTREMELY HIGH-VELOCITY STARS AFOSR67-2198
LITHIUM OBSERVATIONS IN THE PLEIADES AND IN F STARS IN THE FIELD AFOSR67-0624
SPECTROPHOTOMETRY OF NEW SHORT-PERIOD VARIABLE STARS AFOSR67-2024
RAPIDLY ROTATING STARS III MASSIVE MAIN-SEQUENCE STARS AFOSR68-2695
CHEMICAL COMPOSITIONS OF GASEOUS NEBULAE AND PECULIAR STARS FINAL REPORT APRIL 1967 AFOSR67-1085
STATISTICAL-EQUILIBRIUM MODEL ATMOSPHERES FOR EARLY-TYPE STARS I HYDROGEN CONTINUA AFOSR67-1982
STATISTICAL-EQUILIBRIUM MODEL ATMOSPHERES FOR EARLY-TYPE STARS III HYDROGEN AND HELIUM CONTINUA AFOSR68-1064
LUMINOSITIES COLORS MOTIONS AND DISTRIBUTION OF FAINT BLUE STARS AFOSR68-1998
THE WEAKNESS OF HELIUM LINES IN GLOBULAR CLUSTER AND HALO B STARS AFOSR67-0675
RESEARCH IN MEASUREMENT OF RATIOS OF POLARIZATION TO ABSORPTION FOR STARS ALONG THE MILKY WAY FINAL REPORT SEPT 1968 AFCLRL68-0484
COLOR ANOMALIES AND METAL DEFICIENCIES IN SOLAR-TYPE DISK-POPULATION STARS AFOSR67-0038
NEGATIVE RESULTS IN A SEARCH FOR RADIO EMISSION FROM INFRARED AND T TAURI STARS AFOSR67-2778
THE STELLAR INTERFEROMETER AT HARRIS OBSERVATORY - II THE ANGULAR DIAMETERS OF 15 STARS AFOSR68-1707
STUDY OF ABSORPTION AND REFRACTION CHANGES IN RADIATION EMANATING FROM JUPITER AND RADIO STARS FINAL REPORT FEB 1967 AFCLRL67-0114
THE INFLUENCE OF WATER-VAPOR OPACITY AND THE EFFICIENCY OF CONVECTION ON MODELS OF LATE-TYPE STARS AFOSR68-0116

STARTEO

SEPARATION AND STALL OF AN IMPULSIVELY STARTED ELLIPTIC CYLINDER
THE FLOW PAST A CIRCULAR CYLINDER WHICH IS STARTED IMPULSIVELY FROM REST AFOSR68-1354
AFOSR68-0349

STATE

STATE OF THE ART OF NPD ACCELERATOR RESEARCH ARL 68-1327
SOLID STATE STUDIES OF POTASSIUM MOLYBDENUM BROMIDES AFOSR67-2621
SOLID STATE STUDIES OF ALKALI METALS IN TRANSITION-METAL OXIDES AFOSR67-2739
FINAL STATE INTERACTION EFFECTS IN NEGATIVE PION MESONIC DECAYS OF LIGHT HYPERNUCLEI AFOSR68-1256
GROUND STATE OF LIQUID HELIUM-BOSON SOLUTIONS FOR MASS 3 AND 4 AFOSR67-0218
GROUND STATE OF THE KODMO MANY-BODY SCATTERING PROBLEM AFOSR67-1875
GROUND STATE HYPERFINE SPLITTING OF SINGLY CHARGED HELIUM-3 AFOSR67-2578

FINITE STATE CONTROL OF QUADRUPOLE LOCOMOTION
GROUND STATE PARITY OF SUPER 227 AC
A SOLID STATE POLYMERIZATION SUITABLE FOR ROCKET-BORNE IONOSPHERIC DIFFERENTIAL ABSORPTION MEASUREMENTS
A FINITE STATE APPROACH TO THE SYNTHESIS OF BIOENGINEERING CONTROL SYSTEMS
REACTIVE STATE IN THE PHOTOPRODUCTION OF ACRIDINE IN ETHANOL
THE PRESENT STATE OF PLASMA KINETIC THEORY
EQUATION OF STATE OF A MONATOMIC FLUID WITH 6-12 POTENTIAL
SOME FINITE STATE ASPECTS OF LEGGED LOCOMOTION
A REVIEW OF THE STATE OF THE ART OF CYCLONE-TYPE SEPARATORS FINAL REPORT MARCH 1967
ISOMERIC ANALOG STATE STUDIES IN THE BARIUM REGION
ON EQUIVALENCE OF STATE ASSIGNMENTS
ON THE TRANSITION STATE IN REF RADICAL INTERACTIONS, FINAL REPORT JUN 1968
ON THE EQUATION OF STATE OF THE RIGID-DISK FLUID
SYMMETRY OF GROUND STATE IN A DILUTE MAGNETIC METAL ALLOY
AN ISOMERIC ANALOG STATE WITH I. F. SUPPER 7 - OVER 2 CONFIGURATION IN SUPPER 37 CL
ASYNCHRONOUS FINITE STATE MODELS OF MANUAL CONTROL SYSTEMS
ON THE FIRST EXCITED STATE OF NO SUPER PLUS
TRANSIENT AND STEADY STATE ELECTRORETINAL RESPONSES
NOTES ON THE PHYSICAL STATE OF THE PRISONER OF WAR AS IT MAY AFFECT BRAIN FUNCTION
INVESTIGATION OF SOLID STATE DEVICES AND MATERIALS FINAL REPORT SEPT 1967
CONSTRUCTION OF STADY STATE HYDROMAGNETIC DYNAMICS II THE SPHERICAL CONDUCTOR
FLUORESCENCE AND TRIPLET STATE OF N-FLUOROPHENYLENE
WAVE PROPAGATION IN SOLID STATE PLASMAS FINAL REPORT JULY 1968
COMMENTS ON THE EQUATION OF STATE OF THE SQUARE-CELL FLUID
/THE G-FACTOR OF THE 305 KEV STATE OF VANADIUM 48/
EVIDENCE FOR A SINGLE GROUND STATE IN THE MAGNETIC IMPURITY PROBLEM
THERMODYNAMICS WITH INTERNAL STATE VARIABLES
POINT EFFECTS AND THE DEFECT STATE IN CERAMICS
RESEARCH IN THEORETICAL SOLID STATE PHYSICS FINAL REPORT OCT 1967
A CENTER OF COMPETENCE IN SOLID STATE MATERIALS AND DEVICES
A CENTER OF COMPETENCE IN SOLID STATE MATERIAL AND DEVICES
THE MAGNETIC MOMENT OF THE FIVE STATE OF ONE ONE SIX SN AND OTHER SPECTROSCOPIC INVESTIGATIONS IN THE DECAY OF ONE ONE
ELECTRONIC STRUCTURE AND GROUND STATE OF SCANDIUM MONOFLUORIDE
SHEAR RESISTANCE AND EQUATION OF STATE FOR NONCOHESIVE GRANULAR MACROMERITIC SYSTEMS
FUNCTIONAL LAGRANGE EXPANSION IN STATE SPACE AND THE S-DOMAIN
DETERMINATION OF THE EQUATION OF STATE OF POLYISOPRENE
RECENT RESEARCH CONCERNING SOLID STATE PHENOMENA IN INSULATING CRYSTALS PERFORMED AT HIS INSTITUTE
HYPERFINE SPLITTING OF THE GROUND STATE OF LITHIUM
ON THE MULTIPLICITY OF THE CHITTING STATE OF RUTHENIUM /II/ COMPLEXES
EXPERIMENTS ON THE 2 SUPERScript 3P STATE OF HELIUM I A MEASUREMENT OF THE 2 SUPERScript 3P SUBSCRIPT 1-2 SUPERScript
APPLICATIONS OF THE SOLID AND LIQUID STATE CONCEPTS FOR MACROMERITIC SYSTEMS FINAL REPORT JUNE 1967
ENERGY CALCULATION OF THE METASTABLE STATE OF HELIUM ION AND LITHIUM
CALCULATIONS OF THE DOUBLET-S GROUND STATE OF THE LITHIUM ATOM USING WAVE FUNCTIONS OF HILLERAAS-TYPE
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS - PART I THE SINGLE ENERGY LEVEL DEFECT CENTERS
THE EQUIVALENT CIRCUIT MODEL IN SOLID STATE ELECTRONICS - PART II THE MULTIPLE ENERGY LEVEL IMPURITY CENTERS
ELECTRON CAPTURE INTO THE METASTABLE 2S STATE IN COLLISIONS OF PROTONS WITH HYDROGEN ATOMS
MOSSBAUER EVIDENCE FOR A SPIN-COMPENSATED STATE IN DILUTE Fe-Cu ALLOYS
A PROOF OF CONTROLLABILITY OF JORDAN FORM STATE EQUATIONS
PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS FINAL REPORT JAN 1967
COLLISIONAL EXCITATION TRANSFER TO THE A D STATE IN HELIUM BY MULTIPLE STATE MECHANISM
HEAT FLOW IN A SUPERCONDUCTOR IN THE VORTER STATE
HYPERFINE STRUCTURE OF THE V EQUALS 0 J EQUALS 1 STATE IN RH SUPERScript 8SP RH SUPERScript 8P K SUPERScript 30F AND K
AN ALGORITHM FOR THE ANALYSIS AND DESIGN OF LINEAR STATE VARIABLE FEEDBACK SYSTEMS
HELICONS MAGNETOPLASMA EDGE AND FARADAY ROTATION IN SOLID STATE PLASMAS AT MICROWAVE FREQUENCIES
REMARKS ON THE RECENT LFTER OBSERVATION OF NAGAOKA'S BOUND STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS
GROWTH AND DECAY OF DISCONTINUITIES IN FLUIDS WITH INTERNAL STATE VARIABLES
PROPERTIES OF A HARMONIC CRYSTAL IN A STATIONARY NONEQUILIBRIUM STATE
SPEECH CHARACTERISTICS AS INDICES OF ATTITUDE MOOD AND MOTIVATIONAL STATE FINAL REPORT MAY 1968
MODULARITY IN DESIGN THE APPLICATION OF SHIFT REGISTERS IN SECONDARY STATE ASSIGNMENT
SCALFO AND CALCULATIONSON THE HYDROGEN MOLECULE I THE TRIPLET EXCITED STATE
COLLISIONAL EXCITATION TRANSFER TO THE A D STATE IN HELIUM BY MULTIPLE STATE MECHANISM
MOSSBAUER EFFECT IN IRON FIFTY-SEVEN IN COPPER AND THE SPIN-COMPENSATED STATE
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART I AT KENT STATE UNIVERSITY AUGUST 16-20 1965
MEASUREMENT OF THE QUANTUM-ELECTRODYNAMIC LEVEL SHIFT IN THE /THIRD EXCITED STATE OF SINGLY IONIZED HELIUM/
COLLECTIVE NUCLEAR BREATHING MODE MODEL WITH APPLICATION TO SURHE MONOPOLE STATE
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART III AT KENT STATE UNIVERSITY AUGUST 16-20 1965
LASER PHOTOLYSIS AND SPECTROSCOPY IN THE NANSECONDE TIME RANGE EXCITED SINGLET STATE ABSORPTION IN CORONENE
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART II AT THE KENT STATE UNIVERSITY AUGUST 16-20 1965
EXPERIMENTAL STUDY OF THE SHAPE OF THE COEXISTENCE CURVE OF ARGON NEAR THE CRITICAL STATE
SPECTRAL DIFFERENCES BETWEEN MACROGLONIN AND ISOLATED MACROGLONIN CHAINS IN THE DEOXYGENATED STATE

STATE-DEPENDENT

OPTIMAL STATIONARY CONTROL OF A LINEAR SYSTEM WITH STATE-DEPENDENT NOISE

STATE-SPACE

IMPEDANCE SYNTHESIS VIA STATE-SPACE TECHNIQUES

STATE-VARIABLE

STATE-VARIABLE SYNTHESIS FOR INSENSITIVE INTEGRATED CIRCUIT TRANSFER FUNCTIONS
STATE-VARIABLE SYNTHESIS OF INTEGRATED-CIRCUIT DISTRIBUTED RC TRANSFER FUNCTIONS
GYRATOR AND STATE-VARIABLE RESULTS FOR LINEAR INTEGRATED CIRCUITS
DETERMINATIONS OF STATE-VARIABLE EQUATIONS FOR ADMITTANCE DESCRIPTIONS SUITABLE FOR THE COMPUTER

STATEMENTS

THE EFFECTS OF CONTEXT AND OF RATERS ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP
THE EFFECTS OF CONTEXT AND OF RATERS ATTITUDES ON JUDGMENTS OF FAVORABLENESS OF STATEMENTS ABOUT A SOCIAL GROUP

STATES

THE STATES OF SLEEP
GROUND STATES OF A RELATIVISTIC TWO-BODY HAMILTONIAN COMPARISON WITH THE BETHE-SALPETER EQUATION
GROUND STATES OF SIGMA-BONDED MOLECULES I A SEMIEMPIRICAL SCF MO TREATMENT OF HYDROCARBONS
GROUND STATES OF SIGMA-BONDED MOLECULES II STRAIN ENERGIES OF CYCLOPROPANES AND CYCLOPROPENES
GROUND STATES OF SIGMA-BONDED MOLECULES III, VALENCE-CWELL AND PI-ELECTRON SCF MO CALCULATIONS FOR CONJUGATED
GROUND STATES OF CONJUGATED MOLECULES, I. HYDROCARBON RADICALS AND RADICAL IONS
GROUND STATES OF CONJUGATED MOLECULES X 100 NMR CHEMICAL SHIFTS IN ARYL FLUORIDES
ANALOG STATES IN CISUPPER33
ANALOG STATES THROUGH THE SUPPER34/P.GAMMA/CISUPPER35 REACTION
ENERGY STATES OF LOW-LYING IMPURITIES UNDER STRESS
EXCITED STATES OF BA /134/
EXCITED STATES WITH COLLECTIVE PROPERTIES IN LIGHT NUCLEI FINAL REPORT APRIL 1968

AFOSR66-1370
ARL 66-0308
AFOSR67-0373
AFOSR67-0451
ARL 68-0129
AFOSR67-0905
AFOSR67-2446
AFOSR66-1764
ARL 67-0047
ARL 67-1176
AFOSR66-2401
ARL 68-0113
AFOSR67-0874
AFOSR66-0584
ARL 67-0111
AFOSR66-0455
AFOSR66-0074
AFOSR66-2688
AFOSR66-1407
AFOSR67-0975
AFOSR67-0976
AFOSR67-2360
AFOSR66-1544
AFOSR66-0421
AFOSR67-1836
AFOSR67-1876
AFOSR67-2429
ARL 68-1142
AFOSR67-2504
AFOSR66-0185
AFOSR66-0493
AFOSR67-0895
AFOSR67-1146
AFOSR67-0048
AFOSR67-1706
AFOSR66-1857
ARL 67-1314
AFOSR66-2656
AFOSR66-1708
AFOSR66-1844
AFOSR67-0414
AFOSR67-1308
AFOSR66-2570
AFOSR67-1650
AFOSR67-1708
AFOSR66-2202
AFOSR67-1041
AFOSR66-2283
AFOSR67-0081
AFOSR67-0746
AFOSR66-2415
AFOSR66-2049
AFOSR67-1869
AFOSR67-1754
AFOSR67-2676
AFOSR67-2618
AFOSR66-0983
AFOSR66-1300
AFOSR66-2291
AFOSR67-0974
AFOSR66-1091
AFOSR67-0972
AFOSR67-1222
AFOSR67-0025
AFOSR67-0974
ARL 68-0144
AFOSR67-0973
AFOSR66-1562
AFOSR66-2690

AFOSR67-2299

AFOSR66-2505

AFOSR66-0942
AFOSR66-2894
AFOSR66-2504
AFOSR66-2493

AFOSR67-0073
AFOSR67-1403

AFOSR67-2559
AFOSR67-1002
AFOSR67-1713
AFOSR67-2227
AFOSR66-1548
AFOSR66-1596
AFOSR66-1994
ARL 67-1039
ARL 67-1245
ARL 68-0124
ARL 68-1171
AFOSR67-2594
AFOSR66-0792

EXCITED STATES OF AROUND EXCITON COMPLEXES IN COS
TRAPPING STATES IN STRIPPING REACTIONS
ELECTRON STATES IN DILUTE DISORDERED ALLOYS
HYPOTHECAL STATES AND FUNCTIONAL RELATIONS WITH CORTICOSUBCORTICAL SYSTEMS IN ATTENTION AND LEARNING
PARTICLE-HOLE STATES IN THE ALPHA PARTICLE WITH REALISTIC FORCES
PARTICLE HOLE STATES IN CLOSED SHELL NUCLEI
ISOMERIC ANALOG STATES IN HEAVY NUCLEI V RESONANCES IN ZR-90 FROM PROTON INELASTIC SCATTERING
ISOMERIC ANALOG STATES IN CISUPPER33
ISOMERIC ANALOG STATES IN MASS-35 NUCLEI
ISOMERIC ANALOG STATES IN CISUPPER33
ISOMERIC ANALOG STATES IN 25-10 SHELL NUCLEI
ISOMERIC ANALOG STATES IN THE 9-0 SHELL
TRAPPED EXCITON STATES IN THE ALKALI HALIDES
ISOMERIC ANALOGUE STATES IN HEAVY NUCLEI IV SAMARIUM ISOTOPES
QUESTION OF SINGLET STATES OF PARAMAGNETIC IMPURITIES IN METALS
LOW-LYING SUPERFLUID STATES IN A ROTATING ANNULUS
CONCURRENT SLOW PHOTON STATES AND INFRARED DIVERGENCES I CLASSICAL CURRENTS
STUDY OF THE HYDROGEN STATES OF H2
DISCRIMINATING AMONG STATES OF CONSCIOUSNESS BY EEG MEASUREMENTS A STUDY OF FOUR SUBJECTS
EXCITATION OF THE 4F STATES OF HELIUM
FORMATION OF RESONANT STATES IN NEGATIVE K MESON PLUS PROTON INTO NEGATIVE K MESON PLUS PROTON BETWEEN 0.6 AND 1.2
LIFETIMES OF RESONANCE STATES IN ALKALI ATOMS
INVESTIGATION OF EXCITED STATES OF P SUPPER 3 / WITH THE SI SUPPER 30/P. /P SUPPER 31 REACTION
STUDIES OF THE ELECTRONIC STATES OF SIMPLE LIQUIDS
LOW-LYING EXCITED TRIPLET STATES AND INTERSYSTEM CROSSING IN AROMATIC HYDROCARBONS
INVESTIGATIONS OF EXCITED STATES OF IMPURITY CENTERS BY ELASTIC AND ELECTRIC FIELDS
PROPERTIES OF SOME EXCITED STATES IN CISUPPER33 REACTION
SURFACE EFFECTS AND SURFACE STATES IN COS
QUENCHING OF EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS BY CONJUGATED DIENES
OPTICAL MIXING IN THE ATOMIC STATES OF A HE/NE LASER
FORMATION OF EXCITED MOLECULAR STATES IN THE POSITIVE COLUMN OF A HELIUM DISCHARGE
EMISSION FROM EXCITED TERMINAL STATES OF BOUND EXCITON COMPLEXES
JESUPPER32 AND 2JESUPPER32 STATES IN OOD-A NUCLEI FROM SUPPER33 TO SUPPER 31
INVESTIGATION OF ORDERED MAGNETIC STATES AND THEIR CORRELATIONS TO OPTICAL AND ELECTRICAL PROPERTIES OF SELECTED
CURRENT ALGORITHMS APPLIED TO MESON STATES
ANISOTROPY IN TUNNELING DENSITY OF STATES IN PURE TYPE-II SUPERCONDUCTORS
ANALYSIS OF 3-BOOY ANGULAR MOMENTUM STATES IN PI-N INTERACTIONS
EQUIVALENT FIELD THEORIES AND BOUND STATES
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP FINAL REPORT FEB 1967
INTEGRAL REPRESENTATION OF INVARIANT STATES OF B-ALPHA-RAA
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP FINAL REPORT OCT 1967
LIFETIME OF THE FIRST EXCITED ATOMIC STATES OF RUBIDIUM 87 ATOM
A REMARK ON DETERMINING THE NUMBER OF STATES OF A SEQUENTIAL MACHINE
SOME REMARKS ABOUT THE LOCALIZATION OF STATES IN A QUANTUM FIELD THEORY
NEUTRON THRESHOLDS TO RESONANT ANALOGUE STATES
THE TURBULENCE CLIMATOLOGY OF THE UNITED STATES BETWEEN 20,000 AND 40,000 FEET ESTIMATED FROM AIRCRAFT REPORTS AND
DE-EXCITATION RATES OF EXCITED ELECTRONIC STATES IN SOLIDS
SPIN DEGENERACY IN THE AMO HYDROGEN EXCITED STATES OF THE BENZENE MOLECULE
ZEEMAN SPLITTING OF BOUND EXCITON EXCITED STATES IN COS
OPTICAL MODEL CALCULATION OF THE ELECTRONIC STATES OF MIXED DISORDERED SYSTEMS
RESCATTERING EFFECTS IN THREE-PARTICLE FINAL STATES I - THE MODEL
RESCATTERING EFFECTS IN THREE-PARTICLE FINAL STATES II - NUMERICAL RESULTS
DISTRIBUTIONS OF RADAR ECHOES OVER THE UNITED STATES
THE REACTION OF MOLECULES IN EXCITED ELECTRONIC STATES WITH PARAMAGNETIC GASES FINAL REPORT FEB 1967
GEOPHYSIOLOGY OF THE MIDCONTINENT REGION UNITED STATES PART 1 SCOPE METHODS AND PRINCIPLES PART 2 NORTHERN AREA PART 3
BAND STRUCTURE DEFORMATION POTENTIALS AND EXCITON STATES IN SOLID XENON
CONJUGATED DIENES AS QUENCHERS FOR EXCITED SINGLET STATES OF AROMATIC HYDROCARBONS
RADIATIVE AND COLLISION-INDUCED RELAXATION OF ATOMIC STATES IN THE 2P3P CONFIGURATION OF NEON
NEW INVESTIGATION OF THE SUPER 5 SUPER-AUTOIONIZING STATES OF HE AND H
PSEUDOPOTENTIAL THEORY OF ATOMIC AND MOLECULAR HYDROGEN STATES
DIPOLE POLARIZABILITIES OF THE 2SUPPER3SUB1 AND 2SUB0 STATES OF HE AND LI PLUS
USE OF MODEL POTENTIALS IN THE STUDY OF MOLECULAR HYDROGEN STATES
GAMMA-RAY ANGULAR CORRELATION STUDIES AND ISOMERIC ANALOG STATES IN 25-10 SHELL NUCLEI
A METHOD OF DETERMINING ANGULAR MOMENTA OF NUCLEAR EXCITED STATES
MOLECULAR ORBITAL STUDIES OF THE GROUND AND LOW-LYING EXCITED STATES OF THE HELIUM HYDRIDE MOLECULAR ION
THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS II THE TRIPLET STATES OF THE PARACYCLOPHANES
CATIONS AND OXY CATIONS OF IODINE III THE 1 AND LOWER OXIDATION STATES OF IODINE IN SULFURIC ACID
THE TRAVEL TIMES OF P WAVES TO 30 DEGREES IN THE CENTRAL UNITED STATES AND UPPER MANTLE STRUCTURE FINAL REPORT JULY
STUDY OF SCIENTIFIC AND TECHNICAL DATA ACTIVITIES IN THE UNITED STATES VOLUME II PART C PRELIMINARY CENSUS OF OF
AN APPARATUS FOR THE PRECISE DETERMINATION OF LIFETIMES OF ATOMIC STATES
THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS IV THE ELECTRONIC STATES OF THE PARACYCLOPHANE ANION
AN INVESTIGATION OF SEISMIC WAVE PROPAGATION IN THE EASTERN UNITED STATES
INTERMEDIATE EXCITATIONS IN MOLECULAR CRYSTALS A STUDY OF THE EXCITED STATES OF CRYSTALLINE IODINE
RESEARCH DIRECTED TOWARD THE STUDY OF SEISMICITY IN THE SOUTHEASTERN UNITED STATES FINAL REPORT JAN 1967
SOME OBSERVATIONS CONCERNING THE SUPERMULTIPLY OF NEGATIVE -PARITY EXCITED STATES IN THE ALPHA PARTICLE
PSYCHOPHYSIOLOGICAL CORRELATES OF HUMAN INFORMATION PROCESSING UNDER ALTERED STATES OF CONSCIOUSNESS FINAL REPORT JUNE
ABSOLUTE MEASUREMENT OF INELASTIC COLLISION CROSS SECTIONS FOR VIBRONIC EXCITED STATES
COMPUTER ASSISTED ELECTROENCEPHALOGRAPHIC ANALYSIS OF CHICK PYRIDOXINE DEFICIENCY STATES
EFFECT OF IMPRISONMENT OF RADIATION IN SODIUM VAPOR ON THE MEASURED LIFETIME OF THE 3 SUPER 2P STATES
REACTIVITY CHANGES IN THE CENTRAL NERVOUS SYSTEM CONCOMITANT WITH CHRONIC FEAR AND FOOD DEPRIVED STATES
INFRARED MAGNETO-OPTICAL STUDIES OF LINE-WIDTH ANOMALIES CAUSED BY RESONANT POLARON COUPLING TO MAGNETIC STATES IN

STATIC

STATIC AND DYNAMIC INSTABILITIES OF A PROPPELLANT LINE
STATIC SU/6/2 AND FUNCTIONAL SUBSTITUTION
ON THE STATIC RESPONSE OF ANNEALED ALUMINUM
INFLUENCE OF EXCHANGE ON THE STATIC POLARIZATION OF AN ELECTRON GAS
MAGNETIC MOMENT TO SECOND ORDER FOR AXISYMMETRIC STATIC FIELD
WIND-TUNNEL MEASUREMENT AT M EQUALS 4.24 OF SOME STATIC AND DYNAMIC AERO-DYNAMIC CHARACTERISTICS OF FINNED MISSILES
NOISE EMISSION OF ELECTRODELESS RING DISCHARGES WITH STATIC MAGNETIC FIELD
ON ANTENNA IMPEDANCES IN A CO2 PLASMA WITH A PERPENDICULAR STATIC MAGNETIC FIELD

STATION

OPTIMAL STATION KEE-111 / THE LA LIBRATION POINT
GEOMETRIC STATION A D TRAJECTORY ESTIMATION FINAL REPORT FEB 1968
AZIMUTHAL VARIATION OF 1.5 STATION RESIDUALS
SITE SELECTION FOR A SEISMIC ARRAY STATION AND CRUSTAL STUDIES IN NORWAY 1965 FINAL REPORT FEB 1967
SOLAR DAILY VARIATION RECORDED AT A LOW LATITUDE STATION BY EAST AND WEST POINTING TELESCOPES DURING PERIODS OF

STATIONARY

STATIONARY EMPTY SPACES ENERGY AND EUCLIDEAN BEHAVIOR /FRENCH/
ON THE STATIONARY SOLUTIONS OF THE NAVIER-STOKES EQUATIONS IN TWO DIMENSIONS

ARL 68-0224
AFOSR68-1280
AFOSR68-1685
AFOSR67-2584
AFOSR67-1622
ARL 68-1105
AFOSR68-1296
ARL 67-1196
ARL 67-1280
ARL 68-0038
ARL 68-1208
ARL 68-1205
AFOSR67-1155
AFOSR67-2193
AFOSR67-1057
AFOSR67-0917
AFOSR67-1599
AFOSR67-2671
AFOSR68-0447
AFOSR68-1063
AFOSR67-0792
AFOSR67-0600
ARL 68-0009
AFOSR68-1095
ARL 67-1089
ARL 67-1299
ARL 67-1036
ARL 68-1372
AFOSR68-0835
ARL 67-0804
AFOSR67-0532
ARL 68-1370
ARL 68-0045
AFOSR67-0593
AFOSR67-0577
AFOSR67-1742
AFOSR67-2622
AFOSR68-1631
AFOSR67-0368
AFOSR67-1599
AFOSR68-0523
AFOSR68-2108
AFOSR68-2102
AFOSR67-2613
AFOSR68-0896
AFOSR68-0337
AFOSR67-2775
AFOSR68-2565
ARL 67-1287
AFOSR68-2301
AFOSR68-0747
AFOSR68-0748
AFOSR67-0232
AFOSR67-0280
AFOSR67-0314
AFOSR67-2764
AFOSR67-0109
AFOSR67-0309
AFOSR67-0199
AFOSR67-0092
AFOSR67-0803
AFOSR68-1185
ARL 67-1038
ARL 67-1248
AFOSR68-2080
AFOSR67-0093
AFOSR67-0546
AFOSR67-1644
AFOSR68-1403
AFOSR68-1767
AFOSR67-0644
AFOSR68-1943
AFOSR67-2445
AFOSR67-0069
AFOSR67-0572
AFOSR67-0679
AFOSR67-2402
AFOSR68-0045
AFOSR67-1890
AFOSR67-1129
AFOSR68-0663
ARL 68-1374

AFOSR67-1395
AFOSR68-2749
AFOSR67-2447
ARL 68-0082
AFOSR67-0318
ARL 68-0286
ARL 68-1139
AFOSR68-0576

ARL 67-1009
AFOSR68-0098
AFOSR67-0026
AFOSR67-1370
AFOSR67-0794

AFOSR67-2503
AFOSR68-2432

STATIONARY - CONTINUED

| | |
|--|---|
| OPTIMAL STATIONARY CONTROL OF A LINEAR SYSTEM WITH STATE-DEPENDENT NOISE
ON THE EXTERIOR STATIONARY PROBLEM FOR THE NAVIER-STOKES EQUATIONS AND ASSOCIATED PERTURBATION PROBLEMS
FLOW STRUCTURES WITH STATIONARY CORES
AN ELECTRIC ARC HELD STATIONARY BY A MAGNETIC FIELD IN A UNIFORM FLOW THEORY FOR LOW REYNOLDS NUMBER FLOW
FORMATION OF MOVING AND STATIONARY DETONATION WAVES IN FLOWING COMBUSTIBLE MIXTURES
CAVITY FLOWS CONTAINING STATIONARY CORES
MULTIPLE REGRESSION WITH STATIONARY ERRORS
AN EXTENSION OF THE VALIDITY OF THE STATIONARY PHASE FORMULA
TWO MODES OF MOMENTUM TRANSFER FOR A STATIONARY ARC IN A TRANSVERSE MAGNETIC FIELD
PROPERTIES OF A HARMONIC CRYSTAL IN A STATIONARY NONEQUILIBRIUM STATE
ESTIMATION OF THE INNOVATION VARIANCE OF A STATIONARY TIME SERIES
UNIFORM ASYMPTOTIC EXPANSIONS OF INTEGRALS WITH STATIONARY POINT NEAR ALGEBRAIC SINGULARITY
KINETIC THEORY OF A SPHERICAL ELECTROSTATIC PROBE IN A STATIONARY PLASMA
EPICENTRIC MOTION OF AN ELASTIC HALF-SPACE DUE TO BURIED STATIONARY AND MOVING LINE SOURCES
THE INFLUENCE OF ELECTRICAL RESISTIVITY ON THE WIND STABILITY OF STATIONARY EQUILIBRIA | AFOSR67-2299
AFOSR68-2526
ARL 67-0192
ARL 68-0025
AFOSR68-0482
ARL 67-1048
AFOSR67-0789
AFOSR67-2688
ARL 68-1333
AFOSR67-2618
AFOSR68-1630
AFOSR67-1625
AFOSR67-1897
AFOSR68-0808
AFOSR67-2434 |
| STATIONS
RECORDING CAPABILITIES OF SOME SPANISH SEISMOLOGICAL STATIONS
VARIATIONS IN SPECTRA OF P WAVES RECORDED AT CANADIAN ARCTIC SEISMOGRAPH STATIONS | AFOSR67-2750
AFOSR67-0144 |
| STATISTIC
POINT INTERVAL ESTIMATION FROM ONE-ORDER STATISTIC OF THE LOCATION PARAMETER OF AN EXTREME-VALUE DISTRIBUTION WITH
FIRST LINEAR UNBIASED ESTIMATORS OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION USING ORDER STATISTIC | ARL 67-0027
ARL 67-0261 |
| STATISTICAL
STATISTICAL DESCRIPTION OF A CLASS OF NONGAUSSIAN CHANNELS USING EXPANSIONS BASED ON THE LOGNORMAL DISTRIBUTION
STATISTICAL INVESTIGATION OF IONOSPHERIC DRIFT FINAL REPORT MAY 1967
STATISTICAL COMMUNICATION THEORY FINAL REPORT JUNE 1968
STATISTICAL ASPECTS OF SECOND AND THIRD LAW HEATS
STATISTICAL MECHANICS OF FINITE SYSTEMS ASYMPTOTIC EXPANSIONS I TWO PETIT CANONICAL ENSEMBLES- $\sum N V T$ AND $\sum N P T$
STATISTICAL MECHANISMS IN GENERATION OF THE REG
STATISTICAL INTERDEPENDENCE OF EVENTS IN NEIGHBORING OPTICAL UNITS
STATISTICAL EQUILIBRIUM MODEL ATMOSPHERES FOR EARLY-TYPE STARS III HYDROGEN AND HELIUM CONTINUA
STATISTICAL DECISION PROCESSES IN RECOGNITION AND DETECTION FINAL REPORT APRIL 1968
STATISTICAL MECHANICS OF EQUILIBRIUM NON-EQUILIBRIUM AND QUANTUM MANY-BODY PROCESSES FINAL REPORT DEC 1967
STATISTICAL MECHANICS-A REVIEW OF SELECTED RIGOROUS RESULTS
STATISTICAL MECHANICAL THEORIES OF LIQUID TRANSPORT
STATISTICAL DEPENDENCE BETWEEN RANDOM EFFECTS AND THE NUMBERS OF OBSERVATIONS ON THE EFFECTS FOR THE UNBALANCED
A STATISTICAL SUMMARY OF SOLAR FLARE REPORTS AND OBSERVATORY PRACTICES FOR THE PERIOD 1955 - 1964
A STATISTICAL MODEL OF THE TEMPERATURE FIELD AT SUPERSONIC AIRCRAFT ALTITUDES
A STATISTICAL METHOD FOR EVALUATION OF LIMITING DETECTABLE SAMPLE CONCENTRATIONS
THE STATISTICAL AND COMPUTATIONAL ANALYSIS OF A SIMPLE LEARNING PROGRAM FINAL REPORT MARCH 1968
ON THE STATISTICAL INTERPRETATION OF THERMODYNAMIC ENTROPY IN A STRONGLY COUPLED GAS
INTUITIVE STATISTICAL INFERENCES ABOUT DIFFUSE SYMPOTHESES
SEMINAR ON STATISTICAL MECHANICS
RESULTS ON STATISTICAL ESTIMATION AND HYPOTHESIS TESTING WITH APPLICATION TO THE WEIBULL AND EXTREME-VALUE
ON SEVERAL STATISTICAL CHARACTERISTICS OF MIRA VARIABLES FINAL REPORT OCT 1967
RESEARCH IN STATISTICAL MECHANICS FINAL REPORT OCT 1967
CONSIDERING STATISTICAL AND TIME AVERAGES IN A REGULATION PROBLEM
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION
RELATIVISTIC STATISTICAL MECHANICS AND BLACKBODY RADIATION II SPECTRAL CORRELATIONS
FORMULATION OF STATISTICAL EQUATION OF MOTION OF BLOOD
THE INFLUENCE OF STATISTICAL ERRORS ON THE ABEL INVERSION FINAL REPORT NOV 1967
FURTHER STUDIES OF STATISTICAL METEOROLOGY FINAL REPORT JUNE 1967
VELOCITY INVERSION IN STATISTICAL MECHANICS
PARAMETRIC ANALYSIS OF STATISTICAL COMMUNICATION NETS
DIFFUSION AS A PROBLEM OF STATISTICAL PATH
RESEARCH ON NON EQUILIBRIUM STATISTICAL PHYSICS FINAL REPORT OCT 1966
ON THE OPTIMUM SYNTHESIS OF STATISTICAL COMMUNICATION NETS-PSEUDO PARAMETRIC TECHNIQUES
DISTRIBUTION FUNCTIONS IN THE STATISTICAL THEORY OF TURBULENCE
COMMENT ON PAPER BY C. LOMNITZ /STATISTICAL PREDICTION OF EARTHQUAKES/
SPME-INVARIANTS IN IRREVERSIBLE STATISTICAL MECHANICS
PRESENTATION OF ASPECTS OF CURRENT STATISTICAL RESEARCH
PRIGOGINES THEORY OF NON-EQUILIBRIUM STATISTICAL MECHANICS
A LEARNED METHOD FOR THE ESTIMATION OF STATISTICAL AVERAGES
SPECTRAL EMISSION CALCULATIONS OF THE STATISTICAL MODEL APPLIED TO THE 4.3 MICRONS BANDS OF CARBON DIOXIDE AT HIGH
FUNCTIONAL INTEGRAL REPRESENTATION OF NONEQUILIBRIUM STATISTICAL MECHANICS
ON THE COVARIANT FORMULATION OF CLASSICAL RELATIVISTIC STATISTICAL MECHANICS
AIR PRESSURE DEPENDENCE OF COSMIC RAY INTENSITY METHODS AND RESULTS OF A STATISTICAL ANALYSIS OF NEUTRON MONITOR DATA
SPECIAL UTILITY PROGRAMS TO ENHANCE THE PERFORMANCE OF AN ON-LINE MEDIUM SIZE PROCESSOR USED FOR STATISTICAL | AFCL67-0432
AFCL67-0503
AFCL68-0512
AFOSR67-0555
AFOSR67-1152
AFOSR67-1872
AFOSR67-2540
AFOSR68-1064
AFOSR68-1167
AFOSR68-2097
AFOSR68-2662
AFOSR68-2723
ARL 68-0052
AFCL67-0105
AFCL67-0274
AFOSR68-0338
AFOSR68-0505
AFOSR67-1362
AFOSR68-0673
ARL 67-1257
ARL 68-0068
ORA 67-0010
AFOSR67-2750
AFOSR68-1109
AFOSR67-1270
AFOSR68-1056
AFOSR68-0408
AFML 68-0044
AFCL67-0677
AFOSR68-1837
AFOSR68-2425
AFOSR67-0285
AFOSR67-0927
AFOSR68-0543
AFOSR67-2462
AFCL68-0162
AFOSR68-1027
ARL 67-1019
ARL 68-1443
AFOSR67-0907
AFOSR67-2812
AFOSR67-2146
AFOSR68-1029
AFCL67-0212
AFCL67-0004 |
| STATISTICAL-EQUILIB
STATISTICAL-EQUILIBRIUM MODEL ATMOSPHERES FOR EARLY-TYPE STARS I HYDROGEN CONTINUA | AFOSR67-1962 |
| STATISTICALLY
CONFORMATIONAL ENERGY ESTIMATES FOR STATISTICALLY COILING POLYPEPTIDE CHAINS | AFOSR67-0551 |
| STATISTICIAN
MAN AS AN INTUITIVE STATISTICIAN | AFOSR67-2725 |
| STATISTICS
WORD STATISTICS IN THE GENERATION OF SEMANTIC TOOLS FOR INFORMATION SYSTEMS
PHOTON STATISTICS AND CLASSICAL FIELDS
QUANTUM STATISTICS OF COUPLED OSCILLATOR SYSTEMS
SPIN AND STATISTICS IN S-MATRIX THEORY
RESEARCH IN STATISTICS INFORMATION THEORY AND ANALYSIS FINAL REPORT JULY 1968
SUNSPOT MOTION STATISTICS
ON THE QUANTUM STATISTICS OF MODE MIXING IN NONLINEAR MEDIA
CONFIGURATIONAL STATISTICS OF POLY (ETHYLENE TEREPHTHALATE) CHAINS
CONFIGURATIONAL STATISTICS OF POLYAMIDE CHAINS
PROBABILITY AND STATISTICS FINAL REPORT DEC 1968
THE USE OF ORDER STATISTICS IN ESTIMATION
THE USE OF ORDER STATISTICS IN ESTIMATION
SOME DISTRIBUTION-FREE STATISTICS AND THEIR APPLICATION TO THE SELECTION PROBLEM
INTRODUCTION TO MATHEMATICAL STATISTICS
INTRODUCTION TO PROBABILITY AND STATISTICS
A NOTE ON MOMENTS OF GAMMA ORDER STATISTICS
ON THE RIVARIATE MOMENTS OF ORDER STATISTICS FROM A LOGISTIC DISTRIBUTION
PERCENTAGE POINTS OF WEIBULL TEST STATISTICS | AFOSR68-0237
AFOSR67-0032
AFCL68-0059
AFOSR67-0060
AFOSR68-1480
AFCL68-0635
AFOSR67-0425
AFOSR67-1482
AFOSR67-1483
AFOSR68-2815
ARL 67-1014
ARL 68-0171
AFOSR68-2753
ARL 67-1261
ARL 67-1256
ARL 67-0117
ARL 67-0255
ARL 67-1032 |

TABLES FOR MOMENTS OF GAUSSIAN ORDER STATISTICS
 TABLES FOR THE MOMENTS OF GAUSSIAN ORDER STATISTICS FINAL REPORT AUG 1967 ARL 68-0282
 QUANTITATIVE STUDY OF DISPERSED PARTICLE STATISTICS WITH TRANSMISSION ELECTRON MICROSCOPY ARL 67-0166
 CONFORMATIONAL ENERGY AND CONFIGURATIONAL STATISTICS OF POLY-L-PROLINE AFOSR68-2058
 CONFORMATIONAL ENERGIES AND CONFIGURATIONAL STATISTICS OF COPOLYPEPTIDES CONTAINING L-PROLINE AFOSR67-1099
 ON SELECTION AND RANKING PROCEEDINGS AND ORDER STATISTICS FROM THE MULTINOMIAL DISTRIBUTION ARL 67-1308
 EXACT MOMENTS AND PERCENTAGE POINTS OF THE ORDER STATISTICS AND THE DISTRIBUTION OF THE RANGE FROM THE LOGISTIC ARL 67-0256
 ASYMPTOTICALLY LOCALLY MOST POWERFUL RANK ORDER TEST STATISTICS ARL 68-1267
 DYNAMICAL COMPUTATION OF PHOTON CORRELATIONS AND COUNTING STATISTICS AFOSR67-2283
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME V WEATHER MODIFICATION AFOSR68-2098
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME I THEORY OF STATISTICS AFOSR68-2090
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART I PROBABILITY AFOSR68-2091
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART II PROBABILITY AFOSR68-2092
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME III PHYSICAL SCIENCES AFOSR68-2093
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME IV BIOLOGY AND PROBLEMS AFOSR68-2094
 ASYMPTOTIC NORMALITY OF LINEAR COMBINATIONS OF FUNCTIONS OF ORDER STATISTICS II AFOSR68-1277
 CHARACTERIZATION OF NORMAL AND GENERALIZED TRUNCATED NORMAL DISTRIBUTIONS USING ORDER STATISTICS AFOSR67-0684
 GENERALIZATION OF THEOREMS OF CHERNOFF AND SAVAGE ON THE ASYMPTOTIC NORMALITY OF TEST STATISTICS AFOSR68-1276
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME I THEORY OF STATISTICS AFOSR68-2090

STATUS

INDUCTIVE INFERENCE RESEARCH STATUS SPRING 1967 FINAL REPORT JULY 1967 AFOSR67-0462
 INDUCTIVE INFERENCE RESEARCH STATUS SPRING 1967 FINAL REPORT JULY 1967 AFOSR68-1263
 SUBCUTANEOUS ACTIVITY AS AFFECTED BY THE THERMAL STATUS OF THE SKIN IN A WARM ENVIRONMENT AFOSR68-2003
 BEHAVIORAL AND PERSONALITY EXPECTATIONS ASSOCIATED WITH STATUS POSITIONS AFOSR67-1031

STEADY

STEADY PROFILE OF A FINITE-AMPLITUDE KINEMATIC WAVE ON A GLACIER AFOSR68-1113
 ON THE STEADY MOTIONS PRODUCED BY A STABLE STRATIFICATION IN A RAPIDLY ROTATING FLUID AFOSR68-0376
 EFFECTS OF STEADY DIFFUSE ILLUMINATION ON RATE OF UNITARY TONIC DISCHARGE IN THE CENTRAL VISUAL PATHWAYS OF THE AFOSR68-2700
 TRANSIENT AND STEADY STATE ELECTRORETINAL RESPONSES AFOSR68-2688
 CONSTRUCTION OF STEADY STATE HYDROMAGNETIC DYNAMOS II THE SPHERICAL CONDUCTOR AFOSR67-0976
 MATHEMATICAL THEORY OF STEADY COMPRESSIBLE SHEAR FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS FINAL REPORT ARL 67-0140
 SONIC OSCILLATORY OR STEADY AIRLOADS ON WINGS WITH CONTROL SURFACES AND OTHER DISCONTINUITIES AFOSR68-0419
 ON THE USE OF VARIATIONAL METHODS IN STEADY MAGNETOHYDRODYNAMICS AFOSR67-0416
 ON THE STABILITY AGAINST SHEAR WAVES OF STEADY FLOWS OF NON-LINEAR VISCOELASTIC FLUIDS AFOSR68-2136
 SIMILARITY SOLUTIONS FOR TWO-DIMENSIONAL STEADY VISCOUS MHD BOUNDARY LAYERS AFOSR68-1326
 ON STRONG SMALL PERTURBATION SOLUTIONS FOR STEADY SUPERSONIC FLOWS OF INERT OR REACTING MIXTURES AFOSR67-1032
 VISCOUS AND THERMAL BOUNDARY LAYERS IN INCOMPRESSIBLE STEADY FLOWS ALONG LONGITUDINALLY CURVED SURFACES INCLUDING ARL 68-0227

STEADY-STATE

STEADY-STATE FORCED VIBRATIONS AFOSR67-0897
 ON NON-LINEAR STEADY-STATE SOLUTIONS TO MOVING LOAD PROBLEMS AFOSR67-1439
 DIAGNOSTICS ON STEADY-STATE CROSS-FLOW ARCS, I. LOW CURRENT, FINAL REPORT MAY 1968 ARL 68-0100
 DIAGNOSTICS ON STEADY-STATE CROSS-FLOW ARCS ARL 68-1194
 CONSTRUCTION OF STEADY-STATE HYDROMAGNETIC DYNAMOS I SPATIALLY PERIODIC FIELDS AFOSR67-0124

STEEL

LATTICE DEFECTS IN STAINLESS STEEL SHOCK-LOADED TO PRESSURES ABOVE 1 MEGABAR AFOSR68-2629
 SLIDING OF COPPER-BASED SINTERED MATERIAL AGAINST STEEL IN PARAFINIC MINERAL OIL ARL 67-0018
 THERMAL RECOVERY OF EXPLOSIVE SHOCK-LOADED STAINLESS STEEL AFOSR68-2301
 DISCONTINUOUS YIELDING OF METASTABLE AUSTENITIC STAINLESS STEEL AFOSR67-2310

STEELS

FRACTURE OF STEELS ARL 68-1162
 TRANSGRANULAR STRESS-CORROSION CRACKING MECHANISMS IN HIGH-PURITY AUSTENITIC STAINLESS STEELS AFOSR68-1930

STEEPEST

ON STEEPEST DESCENT AFOSR68-0324
 A GENERALIZED STEEPEST DESCENT ALGORITHM FOR MULTISTAGE OPTIMIZATION PROCESSES FINAL REPORT JUNE 1968 SRL 68-0202
 THE APPLICATION OF THE METHOD OF STEEPEST DESCENT TO A PURSUIT EVASION PROBLEM SRL 68-0017

STEFAN-MUSKELT

EFFECTS OF THE STEFAN-MUSKELT FLOW ON THE APPARENT KINETICS OF HETEROGENEOUS CHEMICAL REACTIONS IN FORCED CONVECTION AFOSR67-0468

STEIN

ON THE HOMOLOGY GROUPS OF STEIN SPACES AFOSR67-1938

STELLAR

STELLAR COLLISIONS AFOSR67-2634
 STELLAR COMPOSITION AND NUCLEAR PROCESSES FINAL REPORT DEC 1967 AFOSR68-0124
 STELLAR INTERFEROMETER AT MARRABRI OBSERVATORY AFOSR68-2308
 THE STELLAR INTERFEROMETER AT MARRABRI AUSTRALIA AFOSR67-0034
 THE STELLAR INTERFEROMETER AT MARRABRI OBSERVATORY - I AFOSR68-1100
 THE STELLAR INTERFEROMETER AT MARRABRI OBSERVATORY - II THE ANGULAR DIAMETERS OF 15 STARS AFOSR68-1797
 THE STELLAR INTERFEROMETER AT MARRABRI OBSERVATORY FINAL REPORT JUNE 1968 AFOSR68-1811
 STUDIES IN STELLAR EVOLUTION V TRANSPORT COEFFICIENTS OF DEGENERATE STELLAR MATTER AFOSR67-1134
 STUDIES IN STELLAR EVOLUTION VI EVOLUTION OF A SOLAR MASS RED GIANT WITH MASS LOSS AFOSR68-2684
 SEVEN PROJECTS IN STELLAR AND UPPER ATMOSPHERIC PHYSICS FINAL REPORT NOV 1968 AFOSR68-0619
 THE CALCULATION OF MODEL STELLAR ATMOSPHERES AFOSR67-1955
 ISOTOPES OF MAGNESIUM IN STELLAR ATMOSPHERES AFOSR68-2516
 ASYMPTOTIC APPROXIMATIONS FOR STELLAR PULSATIONS AFOSR68-2055
 NEW CARBON THIRTEEN INDICATORS IN STELLAR SPECTRA AFOSR67-1121
 RELATIVITY THEORY AND ASTROPHYSICS I STELLAR STRUCTURE FINAL REPORT NOV 1967 AFOSR67-2689
 ON THE OSCILLATIONS AND STABILITY OF ROTATING STELLAR MODELS I MATHEMATICAL TECHNIQUES AFOSR68-2696
 INVESTIGATION OF ELECTRONIC FRINGE DETECTOR FOR A STELLAR INTERFEROMETER FINAL REPORT FEB 1967 AFOSR67-0117
 RADIATIVE TRANSFER I THE FLUX-TEMPERATURE RELATION AND NON-GRAY STELLAR ATMOSPHERES AFOSR67-1348
 STUDIES IN STELLAR EVOLUTION V TRANSPORT COEFFICIENTS OF DEGENERATE STELLAR MATTER AFOSR67-1134

STELLAR-WIND

VISCOUS-TRANSONIC FLOW IN THE ACCRETION AND STELLAR-WIND PROBLEMS AFOSR67-1444

STEM

BRAIN STEM STIMULATION AND ETHOLOGICAL STUDIES ON BIRDS FINAL REPORT FEB 1967 AFOSR67-1099
 BRAIN STEM STRUCTURES RESPONSIBLE FOR THE ELECTROENCEPHALOGRAPHIC PATTERNS OF DESYNCHRONIZED SLEEP AFOSR67-1460

STEM - CONTINUED

BRAIN STEM SYSTEMS AND BEHAVIOR FINAL REPORT JULY 1967 AFOSR67-2012
 BRAIN STEM MECHANISMS OF SLEEP AFOSR67-2102
 BRAIN STEM STIMULATION AND ETHOLOGICAL STUDIES ON BIRDS FINAL REPORT JAN 1966 AFOSR66-2300
 VISCERAL APPARENT ACTIVITY EFFECTS ON BRAIN STEM RETICULAR FORMATION FINAL REPORT JULY 1966 AFOSR66-2040
 DEEP SLEEP INDUCTION BY ELECTRICAL STIMULATION OF THE BRAIN STEM AND CEREBRAL CORTEX AFOSR66-2045
 ELECTROCLINICAL EFFECTS OF SELECTIVE PHARMACOLOGICAL INACTIVATION OF THE BRAIN STEM AN EXPERIMENTAL STUDY AFOSR67-0803

STEMS

DETONATIVE MACH STEMS FINAL REPORT SEPT 1964 AFOSR6A-2343

STFP

A TWO-SEGMENT COLUMN PROCEDURE FOR SINGLE STEP ISOLATION OF DEXTRAN FROM RED CELL SUSPENSIONS AFOSR67-1683
 SUPERSONIC FLOW SEPARATION ON A REARWARD FACING STEP AFOSR67-0656
 SURFACE RECOMBINATION EFFICIENCIES IN FLOWS CONTAINING STEP -FUNCTION INCREASES IN ATOMIC OXYGEN FINAL REPORT MARCH AFOSR66-0893
 INVESTIGATION OF FLOW SEPARATION OVER A REARWARD-FACING STEP IN A HYPERSONIC STREAM ARL 66-0060
 SUPERSONIC SEPARATED FLOW DOWNSTREAM OF A REARWARD FACING STEP AFOSR67-2897
 AN EXPERIMENTAL STUDY OF SUPERSONIC FLOW OVER A REARWARD FACING STEP ARL 67-0031
 THE FLOW FIELD AND HEAT TRANSFER DOWNSTREAM OF A REARWARD FACING STEP IN SUPERSONIC FLOW FINAL REPORT MARCH 1967 ARL 67-0056
 THE INFLUENCE OF DAMPING ON THE SHAPING OF A SHALLOW ARCH UNDER A STEP PRESSURE LOAD AFOSR66-1095
 NUMERICAL CALCULATION OF THE LOW REYNOLDS NUMBER FLOW OVER A BLUNT WEDGE WITH REARWARD FACING STEP FINAL REPORT JULY ARL 67-0151
 HEAT TRANSFER IN THE LAMINAR SUPERSONIC SEPARATED FLOW BEHIND AN ANISYMMETRICAL BACKWARD FACING STEP ARL 66-0218

STEPS

STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360 AFOSR66-0763
 HEAT TRANSFER AND RELATED SUPERSONIC FLOW STRUCTURE FOR AERODYNAMIC REARWARD-FACING SURFACE STEPS ARL 67-1279

STEPS--GREAT

JOURNEYS IN SCIENCE SMALL STEPS--GREAT STRIDES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 18TH AFOSR66-2345

STEREO

STEREO CHEMISTRY OF SELECTED COMPLEXES OF FIRST ROW TRANSITION ELEMENTS ARL 66-1046

STEREOCHEMICAL

STEREOCHEMICAL EQUILIBRIUM IN CHAIN MOLECULES AFOSR67-1296
 STEREOCHEMICAL COURSE OF THE FREE-RADICAL ADDITION OF HYDROGEN BROMIDE TO 1-CHLORO-4-T-BUTYLCYCLOHEXENE AFOSR66-2794
 STEREOCHEMICAL CHANGES IN TRANSITION METAL COMPLEXES ARL 67-1172

STEREOCHEMISTRY

STEREOCHEMISTRY OF 9-DIMETHYLAMINO-9,10-DIHYDRO-6,6-DIMETHYLPHENANTHRENE AFOSR66-2495
 STEREOCHEMISTRY OF 2-SENINORBORNENONE AFOSR66-2500
 STEREOCHEMISTRY OF TRANSITION METAL COMPLEXES ARL 66-1079
 STUDIES IN STEREOCHEMISTRY XXXVIII OPEN-CHAIN VS CYCLIC MODELS FOR 1,3-ASYMMETRIC INDUCTION IN ADDITION REACTIONS AFOSR66-2443
 THE CHEMISTRY OF CARBANIONS XVI THE STEREOCHEMISTRY OF ALKYLATION OF THE 1-ACETYL AND 1-CYANO DERIVATIVES OF AFOSR66-2627
 THE ABSOLUTE CONFIGURATION OF METHYL ALLYL SULFONIDE STEREOCHEMISTRY OF THE GRIGNARD SYNTHESIS OF OPTICALLY ACTIVE AFOSR67-0660

STEREOELECTRONIC

DECARBONYLATION STUDIES IN THE ENDO-AND EXOTRICYCLO /3,2,1,02,4/OCTEN-8-ONE SERIES STEREOELECTRONIC REQUIREMENTS FOR AFOSR66-0709

STEREOISOMERISM

STEREOISOMERISM IN BIERGOSTATRIENOL AFOSR66-2211

STEREOMUTATION

ON THE STEREOMUTATION OF SULFOXIDES AFOSR66-0498

STEREOSCOPIC

A STEREOSCOPIC DISPLAY SYSTEM FOR ELECTRON MICROSCOPE INSTRUMENTS AFOSR67-1410

STEREOSEQUENCE

ON STEREOSEQUENCE DISTRIBUTIONS FROM ANIONIC POLYMERIZATIONS AFOSR67-1806

STEREOSPECIFIC

1,3-ASYMMETRIC INDUCTION IN STEREOSPECIFIC ADDITION POLYMER AFOSR66-2442

STERIC

NONPLANAR CYCLOBUTANE STERIC CONTROL IN DEAMINATION OF CIS AND TRANS-3-ISOPROPYLCYCLOBUTYLAMINE AFOSR67-2391
 MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION XL STERIC HINDRANCE TO ENERGY TRANSFER AFOSR67-0094

STERN-VOLMER

MECHANISTIC CONSEQUENCES OF CURVED STERN-VOLMER PLOTS THE PHOTOLYSIS OF CYCLOBUTANONE AFOSR66-0044

STEROCHEMISTRY

THE CHEMISTRY OF CARBANIONS XV THE STEROCHEMISTRY OF ALKYLATION OF 4-T-BUTYLCYCLOHEXANONE AFOSR66-2485

STEROELECTRONIC

STEROELECTRONIC REQUIREMENTS FOR THE TYPE II CLEAVAGE OF CIS- AND TRANS-4-T-BUTYLCYCLOHEXANONES AFOSR66-1556

STICKING

ORIENTATION-DEPENDENT STICKING COEFFICIENT IN THE GERMANIUM-OXYGEN SYSTEM AFOSR66-0555

STIFFENED

THE BUCKLING OF DISCRETELY STIFFENED CONICAL SHELLS AFOSR66-2352
 BUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHELLS AFOSR66-0065
 BUCKLING OF DISCRETELY RING STIFFENED CYLINDRICAL SHELLS AFOSR66-1468
 ON THE STABILITY OF ECCENTRICALLY STIFFENED CYLINDRICAL SHELLS UNDER AXIAL COMPRESSION AFOSR67-2447
 INFLUENCE OF THE ECCENTRICITY EFFECT IN STIFFENED CYLINDRICAL SHELLS BUCKLING UNDER EXTERNAL PRESSURE AFOSR67-0467

| | |
|--|--------------|
| STIFFENER | |
| THE INFLUENCE OF STIFFENER GEOMETRY AND SPACING ON THE BUCKLING OF FULLY COMPRESSED CYLINDRICAL AND CONICAL SHELLS | AFOSR66-0670 |
| STIFFENERS | |
| GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM STIFFENERS | AFOSR67-0967 |
| GENERAL INSTABILITY OF CYLINDRICAL SHELLS WITH NON-UNIFORM STIFFENERS | AFOSR67-1029 |
| STIFFNESS | |
| STIFFNESS OF FINITELY DEFORMABLE MEMBRANES FINAL REPORT JULY 1967 | AFOSR68-0241 |
| STIFFNESS-MATRICES | |
| ELEMENT STIFFNESS-MATRICES FOR BOUNDARY COMPATIBILITY AND FOR PRESCRIBED BOUNDARY STRESSES | AFOSR67-1940 |
| STILBESTROL | |
| HYDROGEN ADDITION RADICALS OF STILBESTROL NPHESTROL AND BENZESTROL | AFOSR68-1821 |
| STIMULABILITY | |
| STUDY OF TRAPPING PROPERTIES AND IR STIMULABILITY OF ZINC SULPHIDE | ARL 67-0277 |
| STIMULATED | |
| STIMULATED BRILLOUIN SCATTERING FINAL REPORT FEB 1968 | AFOSR68-0112 |
| ELECTRON BEAM STIMULATED EMISSION OF II-VI COMPOUNDS | ARL 67-1312 |
| ENERGY AND MODEL FOR INFRARED STIMULATED EMISSION IN ZnS SINGLE CRYSTALS | ARL 68-1453 |
| CHARACTERISTICS OF THE STOKES EMISSION IN THE STIMULATED BRILLOUIN SCATTERING PROCESS | AFOSR67-0051 |
| PHOTOMECHANICAL AMPLIFICATION OF LIGHT AND THE GENERATION OF HYPERSOUND BY THE STIMULATED BRILLOUIN PROCESS | AFOSR68-0021 |
| DIRECT OBSERVATION OF HOLE-BURNING LORENTZ WIDTHS AND COLLISION BROADENING USING STIMULATED EMISSION TECHNIQUES | AFOSR67-2663 |
| STIMULATING | |
| STUDIES ON THE ECHYPHYLAXIS TO ALPHA-METHYL METATYRAMINE WITH SPECIAL REFERENCE TO ITS CENTRAL STIMULATING ACTION | AFOSR68-2711 |
| STIMULATION | |
| STIMULATION OF OPTICAL EMISSIONS IN ATMOSPHERIC GASES FINAL REPORT DEC 1966 | AFOSR67-0058 |
| STIMULATION OF JUPITER'S RADIO EMISSION BY IO | AFOSR67-2744 |
| BRAIN STEM STIMULATION AND ETHOLOGICAL STUDIES ON BIRDS FINAL REPORT FEB 1967 | AFOSR67-1000 |
| ARTIFICIAL STIMULATION OF EARTHQUAKES | AFOSR68-2206 |
| BRAIN STEM STIMULATION AND ETHOLOGICAL STUDIES ON BIRDS FINAL REPORT JAN 1966 | AFOSR68-2390 |
| ADAPTATION OF LOUDNESS TO NONAURAL STIMULATION | AFOSR67-1450 |
| DEEP SLEEP INDUCTION BY ELECTRICAL STIMULATION OF THE BRAIN STEM AND CEREBRAL CORTEX | AFOSR68-0946 |
| SOME TECHNIQUES FOR THE ELECTRICAL BRAIN STIMULATION OF SMALL UNRESTRAINED ANIMALS | AFOSR67-0133 |
| DEFENSIVE BEHAVIOUR AND THE AFTER EFFECTS OF BRAIN STIMULATION IN THE RING DOVE /STREPTOPALIA RISORIA/ | AFOSR68-0606 |
| LOUDNESS AS A FUNCTION OF THE DURATION OF AUDITORY STIMULATION | AFOSR68-2857 |
| RAPID COMMUNICATION A NEW TECHNIQUE FOR A STABLE PHOTIC STIMULATION OF FREE-MOVING ANIMALS | AFOSR67-1594 |
| RECOVERY OF EVOKED POTENTIALS IN VISUAL SYSTEM FOLLOWING INTENSE STIMULATION | AFOSR67-2846 |
| SURGICAL IMMOBILIZATION OF THE EYE AND PUPIL PERMITTING STABLE PHOTIC STIMULATION OF FREELY MOVING CATS | AFOSR68-2958 |
| TEMPORAL INTEGRATION OF PERCEPTUAL RESPONSE TO SUPRALIMINAL ELECTRICAL STIMULATION | AFOSR67-2930 |
| THE EXCITABILITY OF OPTIC NERVE FIBERS IN THE LATERAL GENICULATE NUCLEUS AFTER STIMULATION OF VISUAL CORTEX | |
| STIMULI | |
| DISCRIMINABILITY OF STIMULI VARYING IN PHYSICAL AND RETINAL ORIENTATION | AFOSR67-2007 |
| PERCEPTION OF DYNAMIC STIMULI FINAL REPORT SEPT 1968 | AFOSR68-1926 |
| A METHOD FOR RESTRICTING STIMULI TO THE FRONTAL OR LATERAL VISUAL FIELD OF EACH EYE SEPARATELY IN PIGEON | AFOSR67-2112 |
| REPRESENTATION OF AURAL STIMULI BY SINGLE UNITS IN PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS | AFOSR68-2776 |
| MONITORING RESPONSES TO VISUAL STIMULI IN ONCORHINUS FASCICATUS DALLAS | AFOSR67-0715 |
| INTER-Hemispheric Comparison of Visual Stimuli in the Pigeon | AFOSR67-2130 |
| RED-WINGED BLACKBIRD RESPONSES TO ACOUSTIC STIMULI FINAL REPORT FEB 1967 | AFOSR67-0717 |
| IDENTIFICATION OF SEQUENTIAL AUDITORY AND VISUAL STIMULI | AFOSR67-1815 |
| AMPLITUDE CHANGES OF THE EEG POTENTIAL EVOKED BY OPTIC STIMULI DURING SLEEP IN MAN /ITALIAN/ | AFOSR67-1855 |
| SINGLE UNIT STUDIES OF CORTICAL CODING OF SIMPLE ACOUSTIC STIMULI | AFOSR68-2771 |
| ANALYSIS OF RESPONSES OF HANSEN YASTF UNITS TO GUSTATORY AND THERMAL STIMULI | AFOSR67-2626 |
| STIMULUS | |
| STIMULUS PRONUNCIABILITY IN AURAL PAIRED-ASSOCIATE LEARNING | AFOSR67-1927 |
| STIMULUS RECOGNITION IN AURAL PAIRED-ASSOCIATE LEARNING | AFOSR67-1876 |
| LEARNING THEORY FOR STIMULUS AND RESPONSE CONTINUA FINAL REPORT JUNE 1967 | AFOSR67-1484 |
| AN EXPERIMENTAL COMPARISON OF STIMULUS AND RESPONSE TRANSLATED POWER FUNCTIONS FOR BRIGHTNESS | AFOSR68-0949 |
| ELECTROCHEMICAL BEHAVIOR OF METALS AS STIMULUS ELECTRODES | AFOSR67-1117 |
| DYNAMICS OF RETICULAR AND LIMBIC POST STIMULUS DISCHARGE | AFOSR68-0479 |
| PARALLEL VERSUS SERIAL PROCESSES IN MULTIDIMENSIONAL STIMULUS DISCRIMINATION | AFOSR67-1805 |
| REDUCTION OF NOREPINEPHRINE IN THE LOWER BRAINSTEM BY PSYCHOLOGICAL STIMULUS | AFOSR68-2697 |
| STUDIES WITH RATS I. BRAIN MECHANISM IN FEAR SUPPRESSION II. COMPLEXITY AND STIMULUS CHOICE III. ACQUISITION LATENCY AND | ARL 67-0012 |
| THE RANCHURUNG PHENOMENON FAILURES OF IMMEDIATE RECALL CORRELATED WITH REPETITION OF ELEMENTS WITHIN A STIMULUS | AFOSR67-1820 |
| STIMULUS-DEPENDENT | |
| STIMULUS-DEPENDENT ANTAGONISM OF THE ALPHA-METHYLTYROSINE- INDUCED LOWERING OF BRAIN CATECHOLAMINES BY LPVO | AFOSR68-2060 |
| STIR | |
| EVALUATION OF FARADAY SHIELDED STIR COILS FOR ION CYCLOTRON RESONANCE HEATING OF PLASMA | AFOSR67-0817 |
| STOCHASTIC | |
| STOCHASTIC MIXING MODELS FOR CHEMICAL REACTORS | AFOSR67-2228 |
| STOCHASTIC CONVERGENCE | AFOSR68-2740 |
| A STOCHASTIC MODEL OF THE FREQUENCY AND DURATION OF WEATHER EVENTS | AFOSR67-0125 |
| A STOCHASTIC MODEL OF MESSAGE INTERCHANGE ON A CHANNEL WITH TRANSMISSION DELAY | AFOSR67-2130 |
| HOURLY STOCHASTIC ASSOCIATED MATRICES | AFOSR67-2814 |
| THE USE OF STOCHASTIC APPROXIMATION TO SOLVE THE SYSTEM IDENTIFICATION PROBLEM | AFOSR68-2278 |
| STABILITY OF STOCHASTIC DYNAMICAL SYSTEMS | AFOSR67-1276 |
| AN AUTOMATIC STOCHASTIC PREDICTOR | AFOSR68-0773 |
| REALIZATION OF STOCHASTIC SYSTEMS | AFOSR67-2231 |
| ON LINEAR FORMS STOCHASTIC INTEGRALS | AFOSR67-1969 |
| ON THE CONTROL OF STOCHASTIC SYSTEMS | AFOSR68-0814 |
| A NEW APPROACH TO STOCHASTIC CONTROL | AFOSR68-2021 |
| OPTIMAL DISCOUNTED STOCHASTIC CONTROL FOR DIFFUSION PROCESSES | AFOSR68-0160 |
| INVARIANT ESTIMATION OF STOCHASTIC SYSTEM PARAMETERS | AFOSR67-2244 |
| A METHOD FOR THE SOLUTION OF STOCHASTIC PROBLEMS IN LINEAR THERMOPLASTICITY AND HEAT CONDUCTION | AFOSR67-0290 |

| | |
|--|--------------|
| A DISCRETE APPROACH TO CERTAIN STOCHASTIC EIGENVALUE PROBLEMS | AFOSR67-1692 |
| OPTIMAL CONTROL OF DISCRETE-TIME STOCHASTIC SYSTEMS | AFOSR67-0366 |
| ON PRODUCTS OF FINITE DIMENSIONAL STOCHASTIC MATRICES | AFOSR68-0369 |
| OPTIMAL CONTROL OF CONTINUOUS-TIME STOCHASTIC SYSTEMS | AFOSR67-0424 |
| OPTIMAL CONTROL WITH LINEAR STOCHASTIC EQUATIONS AND QUADRATIC COST | AFOSR67-0387 |
| MATHEMATICS IN SCIENCE AND ENGINEERING STOCHASTIC STABILITY AND CONTROL | AFOSR67-0708 |
| OPTIMAL ADAPTIVE FILTER REALIZATIONS FOR SAMPLE STOCHASTIC PROCESSES WITH AN UNKNOWN PARAMETER | AFOSR67-1546 |
| DIFFERENTIAL EQUATIONS - STABILITY OF A CLASS OF LINEAR STOCHASTIC SYSTEMS /FRENCH/ | AFOSR67-0893 |
| STOCHASTICALLY | |
| MAXIMUM LIKELIHOOD ESTIMATION OF THE DISTRIBUTIONS OF TWO STOCHASTICALLY ORDERED RANDOM VARIABLES | AFOSR67-1012 |
| STOICHIOMETRIC | |
| PROPERTIES OF CHAPMAN-JOUQUET DETONATIONS IN STOICHIOMETRIC HYDROGEN-OXYGEN MIXTURES DILUTED WITH HELIUM AND HYDROGEN | ARL 67-0019 |
| SPECIFIC HEAT RATIOS AND ISENTROPIC EXPONENTS FOR CONSTANT VOLUME COMBUSTION OF STOICHIOMETRIC MIXTURES OF HYDROGEN | ARL 67-0017 |
| STOKES | |
| STOKES PARADOX IN KINETIC THEORY | AFOSR68-2403 |
| CORRECTION TO STOKES LAW FOR A CHARGED SPHERE MOVING IN A POLARIZABLE COMPRESSIBLE LIQUID | AFOSR68-0218 |
| CHARACTERISTICS OF THE STOKES EMISSION IN THE STIMULATED BRILLOUIN SCATTERING PROCESS | AFOSR67-0091 |
| RELATIVISTIC SPINOR FORMULATION OF STOKES PARAMETERS WITH APPLICATION TO THE INVERSE COMPTON EFFECT | AFOSR67-1045 |
| INTEGRATION OF THE UNSTEADY NAVIER STOKES EQUATIONS BY FINITE DIFFERENCES | ARL 67-1064 |
| STOKES-EINSTEIN | |
| SMOLUCHOWSKI EQUATION FOR SYSTEMS WHICH DO NOT OBEY THE STOKES-EINSTEIN RELATION | ARL 67-0048 |
| STONE | |
| DETERMINATION OF TRACE ELEMENTS IN STONE METEORITES BY ACTIVATION ANALYSIS /GERMANY/ | AFOSR67-1999 |
| STOP | |
| A FAST MECHANICAL BEAM STOP AND OTHER AUXILIARY BEAM CONTROL EQUIPMENT | AFOSR68-0898 |
| STOPPING | |
| STOPPING CROSS SECTIONS IN BORON OF LOW ATOMIC NUMBER ATOMS WITH ENERGIES FROM 15 TO 140 KEV | AFOSR67-1756 |
| A PHOTOMETRIC DEVICE FOR THE IDENTIFICATION OF MULTIPLE CHARGED PARTICLES STOPPING IN NUCLEAR EMULSIONS | AFOSR67-1244 |
| STORAGE | |
| COMPUTER STORAGE OF CONTOUR-MAP DATA | AFOSR68-2577 |
| SIZING OF STORAGE TANKS FOR OFF-GRADE MATERIAL | AFOSR67-2229 |
| THE ARL CORP DRICK STORAGE HEATER | ARL 67-1220 |
| COMBINATORIAL DOCUMENT STORAGE AND RETRIEVAL | AFOSR67-0621 |
| HAPE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS | ARL 68-1169 |
| HAPE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS | ARL 68-1382 |
| BIOLOGICAL PRINCIPLES OF INFORMATION STORAGE AND RETRIEVAL | AFOSR68-0774 |
| HANDSCOFF TIME DIFFERENCES BY DYNAMIC STORAGE OF FLIP-FLOP PULSES | AFOSR67-0545 |
| INTRANEURONAL MECHANISMS FOR INFORMATION STORAGE FINAL REPORT MARCH 1968 | AFOSR68-0811 |
| PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE | AFOSR67-0463 |
| PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE FINAL REPORT NOV 1967 | AFOSR68-0005 |
| SOME FACTORS AFFECTING CATECHOLAMINE UPTAKE STORAGE AND RELEASE IN ADRENERGIC NERVE GRANULES | AFOSR68-0872 |
| EXTREMELY HIGH DENSITY MAGNETIC INFORMATION STORAGE | AFOSR68-1363 |
| HUMAN PERFORMANCE IN INFORMATION PROCESSING AND STORAGE FINAL REPORT JULY 1967 | AFOSR67-1874 |
| PHOTOGRAPHIC RECORDINGS WITH ENHANCED CONTRAST USING THE STORAGE IMAGE AMPLIFIER, AND APPLICATIONS IN RESEARCH FINAL | ARL 68-0100 |
| IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS | ARL 68-0163 |
| ON-LINE TYPEWRITER ACCESS TO CLASSIFICATION TABLES ON DRUM STORAGE | AFOSR68-1604 |
| HAPE EARTH IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS | ARL 68-1177 |
| HAPE EARTH STABILIZED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS | ARL 68-0158 |
| STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360 | AFOSR68-0763 |
| THE SPARSA ATMOSPHERIC ELECTRICITY DETECTION SYSTEM AS MODIFIED BY THE ADDITION OF THE IMAGE STORAGE TUBE | AFOSR67-0163 |
| STORFO | |
| TYPES OF INFORMATION STORED IN SINGLE NEURONS | AFOSR67-1371 |
| STORES | |
| SELECTIVE PROTECTION OF 5-HYDROXYTRYPTAMINE STORES AGAINST THE ACTION OF RESERPINE BY TREATMENT WITH METATYROSINE AS A TOOL FOR SELECTIVE PROTECTION OF CATECHOLAMINE STORES AGAINST RESERPINE | AFOSR68-0605 |
| | AFOSR68-2710 |
| STORING | |
| STORING LIGHT AND CURRENT IN CRYSTALS | ARL 68-0248 |
| STORM | |
| LIFE-CYCLE OF A SUMMER STORM FROM RADAR RECORDS | AFOSR68-0305 |
| APPLICATION OF DOPPLER RADAR TO STORM DYNAMICS FINAL REPORT JAN 1967 | AFOSR67-0100 |
| RESEARCH IN FOUR-DIMENSIONAL DIAGNOSIS OF CYCLONIC STORM CLOUD SYSTEMS FINAL REPORT OCT 1967 | AFOSR67-0617 |
| PEARL-TYPE MICROPULSATIONS ASSOCIATED WITH MAGNETIC STORM SUDDEN COMMENCEMENTS | AFOSR67-0249 |
| STORMS | |
| THE BALANCE LEVEL IN CONVECTIVE STORMS | AFOSR67-0113 |
| CONVECTIVE OVERTURNING AND SUMMER STORMS | AFOSR68-0163 |
| STRAIN | |
| STRAIN AGEING OF COMMERCIAL PURE ALUMINUM | AFOSR67-0600 |
| STRAIN ENERGY AND METASTABILITY OF 3-DIMENSIONAL DISLOCATION ARRAYS FINAL REPORT AUG 1968 | AFOSR68-2502 |
| DYNAMIC STRAIN CONCENTRATION FACTOR FOR A NOTCH | AFOSR68-0827 |
| CRITICAL STRAIN FIELD IN THE VICINITY OF A STABLE FRACTURE | AFOSR68-1749 |
| EVIDENCE FOR THE SEAT OF THE STRAIN - PRODUCING FORCES | AFOSR67-2144 |
| GROUND STATES OF SIGMA-BONDED MOLECULES II STRAIN ENERGIES OF CYCLOPROPANES AND CYCLOPROPENES | AFOSR67-2227 |
| TRANSIENT RESPONSE OF AN ELASTIC SHELL IN PLANE STRAIN | AFOSR67-1508 |
| THE CHANGE IN ELECTRICAL RESISTIVITY WITH PLASTIC DEFORMATION OF COPPER AT DIFFERENT STRAIN RATES | AFOSR67-1480 |
| STRAIN-GRADIENT | |
| STRAIN-GRADIENT THEORIES OF MICROSTRUCTURE | AFOSR68-0109 |

| | | |
|--|-------------|--------------|
| STRAIN-GRADIENT | - CONTINUED | |
| AN APPLICATION OF STRAIN-GRADIENT THEORY TO NONHOMOGENEOUS MATERIALS | | AFOSR68-2224 |
| STRAIN-INDUCED | | |
| STRAIN-INDUCED SPLITTING OF EXCITON LINES IN WURTZITE TYPE II-VI CRYSTALS | | ARL 66-0356 |
| STRAIN-INDUCED SPLITTING OF EXCITON LINES IN WURTZITE TYPE II-VI CRYSTALS | | ARL 66-1486 |
| STRAINED | | |
| INNER DISPLACEMENTS OF STRAINED MCP METALS | | AFOSR68-0874 |
| STRAINING | | |
| TWO WHISKER STRAINING DEVICES SUITABLE FOR LOW TEMPERATURES | | AFOSR68-0913 |
| STRAINS | | |
| DIFFERENTIATION OF STREPTOMYCES STRAINS BY GAS CHROMATOGRAPHY | | AFOSR68-2170 |
| DIFFERENCES IN IMMUNE RESPONSE TO SYNTHETIC ANTIGENS IN TWO INBRED STRAINS OF GUINEA-PIGS | | AFOSR67-2350 |
| STRANGENESS | | |
| SEARCH FOR A GARTON OF POSITIVE STRANGENESS | | AFOSR67-0026 |
| STRATEGIES | | |
| THE RELATIVE EFFECTIVENESS OF FIVE INSTRUCTIONAL STRATEGIES | | AFOSR68-2150 |
| STRATIFICATION | | |
| ON THE STEADY MOTIONS PRODUCED BY A STABLE STRATIFICATION IN A RAPIDLY ROTATING FLUID | | AFOSR68-0378 |
| STRATIFIED | | |
| THE BUILD UP OF A STRATIFIED FLUID | | AFOSR67-1575 |
| LINEAR THEORY OF ROTATING STRATIFIED FLUID MOTIONS | | AFOSR67-2121 |
| A UNIFIED LINEAR THEORY OF HOMOGENEOUS AND STRATIFIED ROTATING FLUIDS | | AFOSR68-0389 |
| ELECTROMAGNETIC SCATTERING FROM CYLINDRICAL AND SPHERICAL STRATIFIED BODIES | | AFOSR67-2606 |
| STRATOSPHERE | | |
| THE DYNAMICS OF THE STRATOSPHERE DURING THE 1968 WARMING | | AFCL67-0366 |
| JOURNAL WIND VARIATIONS IN THE STRATOSPHERE FINAL REPORT MAR 1968 | | AFCL68-0373 |
| AEROSOL MEASUREMENTS IN THE TROPOSPHERE AND STRATOSPHERE | | AFCL67-0103 |
| A STUDY OF MESOSCALE FEATURES OF SUMMERTIME MINIMUM WIND FIELDS IN THE LOWER STRATOSPHERE | | AFCL67-0601 |
| STRATOSPHERIC | | |
| STRATOSPHERIC HUMIDITY SENSING WITH THE ALPHA RADIATION HYGROMETER | | AFCL67-0604 |
| A STRATOSPHERIC GENERAL CIRCULATION EXPERIMENT INCORPORATING DIABATIC HEATING AND OZONE PHOTOCHEMISTRY | | AFCL67-0344 |
| A NOTE ON THE STRATOSPHERIC INFRARED SKY RADIANCE | | AFOSR68-2780 |
| OBSERVATIONS OF STRATOSPHERIC CLEAR-AIR TURBULENCE AND MOUNTAIN WAVES OVER THE SIERRA NEVADA MOUNTAINS FINAL REPORT | | AFCL68-0001 |
| STRAY-FIELD | | |
| MAGNETORESISTANCE OF STRAY-FIELD COUPLED FILMS | | AFOSR68-0164 |
| STREAM | | |
| ON THE ASYMPTOTIC FORM OF THE STREAM FUNCTION FOR THE FLOW OF AN OSBEN-LIKE FLUID PAST A PARABOLIC CYLINDER | | AFOSR67-1346 |
| HEAT TRANSFER RATE MEASUREMENTS IN A LOW DENSITY HYPERVELOC STREAM OF ARGON | | AFOSR68-2640 |
| DEFLECTION AND INTERACTION OF A TRANSVERSE JET AND A SUPERSONIC STREAM FINAL REPORT MAY 1968 | | AFOSR68-1619 |
| ENHANCEMENT OF HEAT AND MASS TRANSFER IN A STAGNATION REGION BY FREE STREAM VORTICITY | | ARL 68-0022 |
| WAKE MEASUREMENTS BEHIND A CONE SUSPENDED MAGNETICALLY IN A MACH NUMBER 6.3 STREAM | | AFOSR68-1565 |
| INVESTIGATION OF FLOW SEPARATION OVER A REARWARD-FACING STEP IN A HYPERSONIC STREAM | | ARL 68-0080 |
| THE EFFECT OF MASS INJECTION ON HEAT TRANSFER FROM A PARTIALLY DISSOCIATED GAS STREAM | | AFOSR67-2597 |
| STREAMERS | | |
| BUBBLE ANNIHILATION IN CAVITATION STREAMERS | | AFOSR68-2298 |
| MAGNETIC-FIELD STRUCTURE ASSOCIATED WITH CORONAL STREAMERS | | AFOSR68-2652 |
| STREAMING | | |
| MAGNETICALLY INDUCED PLASMA STREAMING AND THE MOTION OF ELECTRIC ARCS | | ARL 68-1310 |
| MAGNETICALLY INDUCED PLASMA STREAMING AND ITS APPLICATION TO AEROSPACE TECHNOLOGY | | ARL 68-1319 |
| MAGNETICALLY INDUCED PLASMA STREAMING AND MOTION OF ELECTRIC ARCS | | ARL 68-1326 |
| HEAT TRANSFER FROM A CIRCULAR CYLINDER BY ACOUSTIC STREAMING | | ARL 68-0334 |
| NATURAL CONVECTION FROM A HORIZONTAL CYLINDER IN THE PRESENCE OF A SOUND FIELD GIVING LARGE STREAMING REYNOLDS NUMBERS | | ARL 68-0048 |
| STREAMLINES | | |
| COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS | | ARL 68-1261 |
| MATHEMATICAL THEORY OF STEADY COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS FINAL REPORT | | ARL 67-0140 |
| STREAMS | | |
| MISFIRE ON MIXING OF COAXIAL STREAMS FINAL REPORT MARCH 1967 | | ARL 67-0058 |
| ELECTROSTATIC CHARGING OF FLUID STREAMS | | ARL 67-1344 |
| RESEARCH ON ELECTROSTATIC CHARGED DROPLET STREAMS, FINAL REPORT OCT 1967 | | ARL 67-0211 |
| A NOTE ON THE MIXING OF TWO PARALLEL SUBSONIC STREAMS | | ARL 68-0135 |
| STREAMWISE | | |
| INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW PART II FINAL REPORT JULY 1968 | | ARL 68-0133 |
| INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW, PART I FINAL REPORT JULY 1968 | | ARL 68-0134 |
| PRELIMINARY ANALYTICAL EXPLORATIONS OF HEAT TRANSFER FROM BOUNDARY LAYERS CONTAINING STREAMWISE VORTICES, FINAL REPORT | | ARL 67-0280 |
| STRENGTH | | |
| STRENGTH RESPONSE PARAMETERS OF NATURAL SOIL SURFACES AND THEIR APPLICATION TO THE LANDING PROBLEM OF AIRCRAFT | | AFCL67-0583 |
| STRENGTH OF ELASTICS | | AFOSR68-2274 |
| STRAIN STRENGTH OF TWELVE GROSSLY DEFORMED METALS AT HIGH PRESSURES AND TEMPERATURES | | AFCL67-0475 |
| FATIGUE STRENGTH - STRESS CONCENTRATION EQUATION FOR ALUMINUM ALLOY 245-T3 | | AFOSR67-2837 |
| MEASUREMENT OF TENSILE STRENGTH OF CERAMICS | | AFOSR68-1409 |
| FREQUENCY DEPENDENCY OF THE FIELD STRENGTH COMPONENTS OF A DIPOLE EMBEDDED IN A CONDUCTING MEDIUM | | AFCL68-0174 |

STRENGTH

- CONTINUED

EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC STRENGTH OF COMPOSITES
MICROSTRUCTURAL ANALYSIS AFFECTING TENSILE STRENGTH OF ALUMINUM OXIDE
THE RELATION BETWEEN THE ELECTRONIC OSCILLATION STRENGTH AND THE HAUFENING AND STATIONARY DEFLECTIONS
FIBER REINFORCED NICKEL ALLOYS FOR HIGH TEMPERATURE-HIGH STRENGTH APPLICATIONS FINAL REPORT JAN 1967
RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH FINAL REPORT FEB 1968
THE EFFECT OF AND ON THE STAGE ACTIVITY OF INSECT ACTIVITY AT LOW IONIC STRENGTH
THEORETICAL STUDY OF THE RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH FINAL REPORT FEB

AF 54-57-100
AF 54-57-101
AF 54-57-102
AF 54-57-103
AF 54-57-104
AF 54-57-105

STRENGTHENING

STRENGTHENING OF SAPPHIRE BY PRECIPITATED CONTAINING TITANIC
PRECIPITATION STRENGTHENING IN AL-20-20 ALLOY
INTERRELATION BETWEEN G.P. ZONES PRECIPITATION AND STRENGTHENING IN ALUMINUM-TITAN ALLOY

AF 54-57-106
AF 54-57-107
AF 54-57-108

STRENGTHS

STRENGTHS OF LINES IN THE SUN I AND SUN II IMPURITY BANDS OF H SUB 20 FINAL REPORT FEB 1967
OSCILLATION STRENGTHS FOR HIGH-LEVEL TRANSMISSIONS IN HYDROGEN
GENERALIZED OSCILLATION STRENGTHS AT SMALL DEVIATION ANGLES FOR THE ONE-ANGLE 4 TO TWO-ANGLE 5 TRANSMISSION IN HELIUM
THE ALGEBRA OF SCALAR AND VECTOR VECTOR STRENGTHS IN RECTANGULAR
AN EXPERIMENTAL DETERMINATION OF THE ISOTROPIC STRENGTHS FOR SOME TRANSMISSIONS IN THE STRAIN BANDS OF POLYCRYSTALLINE
EXCITED-STATE WAVEFUNCTIONS EXCITATION ENERGIES AND OSCILLATION STRENGTHS IN OXYGEN
EXCITED-STATE WAVEFUNCTIONS EXCITATION ENERGIES AND OSCILLATION STRENGTHS FOR NEUTRON AND PROTON
ELECTRON DRIFT VELOCITIES IN LIQUEFIED HELIUM AND OSCILLATION AT LOW ELECTRIC FIELD STRENGTHS

AF 54-57-109
AF 54-57-110
AF 54-57-111
AF 54-57-112
AF 54-57-113
AF 54-57-114
AF 54-57-115
AF 54-57-116

STREPTOMYCES

DIFFERENTIATION OF STREPTOMYCES STRAINS BY USE OF OPTOGRAPHY

AF 54-57-117

STREPTOMYXIA

DEFENSIVE BEHAVIOR AND THE AFTER EFFECTS OF STIMULATION IN THE BIRD GIVE STREPTOMYXIA NISIDIAN

AF 54-57-118

STRESS

STRESS PROPAGATION AND SPALLATION OF METALS IN HIGH-PRESSURE PLASMA
STRESS AND DEFORMATION ANALYSIS OF POLYCRYSTALLINE FINAL REPORT MAR 1967
STRESS WAVE PROPAGATION IN A PRESTRESSED METAL FINAL REPORT MAR 1967
STRESS WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC MEDIUM SUBJECTED TO INTENSIVE ELECTROMAGNETIC RADIATION
STRESS AND DILATION FIELDS OF THE FIBER DEFLECTION IN LURIC CRYSTALS
STRESS BOUNDARY VALUE PROBLEMS FOR INFINITE WEDGES
STRESS FIELD IN THE VICINITY OF AN INFINITE CRACK
STRESS WAVE GENERATION IN A TEMPERATURE-DEPENDENT ABSORBING MEDIUM BY IMPULSIVE ELECTROMAGNETIC RADIATION
THE STRESS INTENSITY FACTOR FOR A GRIFITH CRACK IN AN ELASTIC BODY IN WHICH BODY FORCES ARE ACTING
THE STRESS INTENSITY FACTOR FOR A BURNING-SHAPED CRACK IN AN ELASTIC BODY UNDER THE ACTION OF SYMMETRIC BODY FORCES
THE STRESS INTENSITY FACTORS FOR A GRIFITH CRACK BOUND SURFACES ARE LOADED ASYMMETRICALLY
THE STRESS INTENSITY FACTORS FOR A GRIFITH CRACK IN AN ELASTIC BODY IN WHICH THERE IS AN ASYMMETRICAL DISTRIBUTION IN
CREEP STRESS CONCENTRATION AT A CIRCULAR HOLE IN AN INFINITE PLATE
THERMAL STRESS AND THE ELECTROCARDIOGRAM A TECHNICAL STUDY
EFFECT OF STRESS AND PARA-CHLOROPHENYLAMINE UPON BRUSH SEROTININ N-HYDROXY-DEHYDROACETIC ACID AND CATECHOLAMINES IN
EFFECT OF STRESS ON CO-SINGLE CRYSTALS
WALL SHEAR STRESS DISTRIBUTION FOR FLOW AROUND A CIRCULAR CYLINDER AT REYNOLDS NUMBER BETWEEN 40 AND 340
EFFECTS OF STRESS ON RISK TAKING
REACTIONS TO STRESS FINAL REPORT JAN 1967
EXCHANGE ENERGY STRESS AND MOMENTUM IN A BICO PERIPHERAL
THEORY OF IMPACT STRESS PROPAGATION AND DYNAMIC FRACTURE
INTERNAL ELASTIC STRESS FIELD IN A CONTINUOUS CLOSE-PACKED FILAMENTARY COMPOSITE MATERIAL UNDER UNIAxIAL TENSION
EFFECTS OF AXIAL STRESS ON THE EXCITON LEVELS IN BIRTHITE-LIKE COMPOUNDS
EFFECT OF UNIAxIAL STRESS ON THE EXCITON SPECTRUM OF PENCIL-CHORD-TYPE ZNSe AND ZnS
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A GRIFITH CRACK IN AN ELASTIC SOLID IN WHICH BODY FORCES ARE ACTING
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A BURNING-SHAPED CRACK IN AN ELASTIC SOLID UNDER THE ACTION OF SYMMETRIC
THE EFFECT OF UNIAxIAL STRESS ON COSE
DISLOCATION DYNAMICS IN STRESS RELAXATION
THE DETERMINATION OF THE STRESS INTENSITY FACTORS OF A CRACK IN COSE AND GRIFITH CRACKS WHICH SURFACES ARE LOADED
THE EFFECTS OF TASK-INDUCED STRESS ON DIFFERENTIAL REPORT APR 1967
SHOCK WAVES PRODUCED BY SMALL STRESS INCREMENTS IN UNIAxIAL MEDIUM
LOW ASSESSMENT OF DIFFERENTIAL EARLY STRESS IN PETS FINAL REPORT NOV 1967
THEORY VS EXPERIMENT FOR FINITE AMPLITUDE STRESS WAVES
EXCHANGE TORQUE POWER AND MOMENTUM FLOW AND STRESS IN A BICO PERIPHERAL
INTERACTION OF BEHAVIORAL AND PHYSIOLOGICAL STRESS REACTIONS
THEORY AND METHODS IN THE STUDY OF ORGANIZATIONAL STRESS FINAL REPORT MAY 1967
PERSONALITY CORRELATES OF CATECHOLAMINE EXCRETION UNDER STRESS
AN APPLICATION OF THE EXTENDED HARTFORD METHOD TO THE STRESS ANALYSIS OF A CLAMPED RECTANGULAR PLATE
THE DISASTER RESEARCH CENTER SIMULATION STUDIES OF UNDER STRESS FINAL REPORT FEB 1967
SPLITTING OF EXCITON LINES IN BIRTHITE-LIKE CRYSTALS BY UNIAxIAL STRESS
AN ELASTO-PLASTIC ANALYSIS OF CIRCULAR RINGS WITH TEMPERATURE DEPENDENT FIELD STRESS
PLANE WAVE PROPAGATION IN THE HALF SPACE WITH RANDOM EXCITATION AND CORRELATION BETWEEN STRESS AND TEMPERATURE FIELD
A VARIATIONAL PRINCIPLE AND THE CONSEQUENCE OF A FINITE ELEMENT METHOD BASED ON ASSUMED STRESS DISTRIBUTION

AF 54-57-119
AF 54-57-120
AF 54-57-121
AF 54-57-122
AF 54-57-123
AF 54-57-124
AF 54-57-125
AF 54-57-126
AF 54-57-127
AF 54-57-128
AF 54-57-129
AF 54-57-130
AF 54-57-131
AF 54-57-132
AF 54-57-133
AF 54-57-134
AF 54-57-135
AF 54-57-136
AF 54-57-137
AF 54-57-138
AF 54-57-139
AF 54-57-140
AF 54-57-141
AF 54-57-142
AF 54-57-143
AF 54-57-144
AF 54-57-145
AF 54-57-146
AF 54-57-147
AF 54-57-148
AF 54-57-149
AF 54-57-150
AF 54-57-151
AF 54-57-152
AF 54-57-153
AF 54-57-154
AF 54-57-155
AF 54-57-156
AF 54-57-157
AF 54-57-158
AF 54-57-159
AF 54-57-160
AF 54-57-161
AF 54-57-162
AF 54-57-163
AF 54-57-164
AF 54-57-165
AF 54-57-166
AF 54-57-167
AF 54-57-168
AF 54-57-169
AF 54-57-170
AF 54-57-171
AF 54-57-172
AF 54-57-173
AF 54-57-174
AF 54-57-175
AF 54-57-176
AF 54-57-177
AF 54-57-178
AF 54-57-179
AF 54-57-180
AF 54-57-181
AF 54-57-182
AF 54-57-183
AF 54-57-184
AF 54-57-185
AF 54-57-186
AF 54-57-187
AF 54-57-188
AF 54-57-189
AF 54-57-190
AF 54-57-191
AF 54-57-192
AF 54-57-193
AF 54-57-194
AF 54-57-195
AF 54-57-196
AF 54-57-197
AF 54-57-198
AF 54-57-199
AF 54-57-200

STRESS-CORROSION

TRANSGRANULAR STRESS-CORROSION CRACKING MECHANISMS IN HIGH-PURITY AUSTENITIC STAINLESS STEELS

AF 54-57-201

STRESS-STRAIN

STRESS-STRAIN ISOTHERMS FOR POLY-DIMETHYLSILOXANE NETWORKS

AF 54-57-202

STRESS-TENSOR

STRESS-TENSOR COMMUTATORS AND SCHWINGER TERMS

AF 54-57-203

STRESSED

ROLE OF EXCITON DISPERSION AND PRECIPITATION INTERACTIONS ON THE SHAPE OF RAYON PROFILES IN STRESSED MANGANESE

AF 54-57-204

STRESSES

FINITE-DIFFERENCE SOLUTIONS FOR PLANE STRESSES
WHY IS THE SCHWARZSCHILD SOLUTION INTERPRETATION OF THE SPATIAL STRESSES
ELEMENT STIFFNESS-MATRICES FOR BOUNDARY COMPATIBILITY AND FIN REINFORCED BOUNDARY STRESSES

AF 54-57-205
AF 54-57-206
AF 54-57-207

STRESSORS

THE EFFECTS OF PHYSICAL AND SYMBOLIC STRESSORS ON PERCEPTUAL MECHANISMS FINAL REPORT JUNE 1968

AF 54-57-208

| | |
|---|---|
| STRETCH | |
| A NOTE ON THE STRETCH FUNCTION | AFOSR66-2013 |
| STRETCHING | |
| OBSERVATION OF CENTRIFUGAL STRETCHING IN SAMARIUM ISOTOPE 152
THE INTERRELATION BETWEEN THE SI-M STRETCHING FREQUENCY /NU SUB SI-M SI-M/ AND REACTIVITY IN THE OZONE-HYDROSILANE
POLYFLUORINATED AROMATIC ESTERS PREPARATION AND CARBONYL STRETCHING FREQUENCIES | AFOSR67-1446
ARL 66-1066
AFOSR67-1987 |
| STRIA | |
| THE PROPERTIES OF THE STRIA TERMINALIS FIBRES | AFOSR67-1331 |
| STRIATED | |
| REINNERVATION OF SMOOTH AND STRIATED MUSCLE BY SENSORY NERVE FIBERS | AFOSR66-0704 |
| STRIATIONS | |
| VELOCITY OF MOVING STRIATIONS | ARL 66-0010 |
| STRIDES | |
| JOURNEYS IN SCIENCE SMALL STEPS--GREAT STRIDES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH SCIENTIFIC SEMINAR 12TH | AFOSR66-2365 |
| STRING | |
| THE NONLINEAR OSCILLATIONS OF A STRING | AFOSR66-0666 |
| STRINGS | |
| HIERARCHY METHODS FOR RANDOM VIBRATIONS OF ELASTIC STRINGS AND BEAMS | AFOSR66-0372 |
| STRIP | |
| CRUSTAL STUDY OF A CONTINENTAL STRIP FROM THE ATLANTIC OCEAN TO THE ROCKY MOUNTAINS
THE UNIQUENESS OF SOLUTIONS OF THE HEAT EQUATION IN AN INFINITE STRIP | AFOSR67-0316
AFOSR67-1276 |
| STRIFE | |
| RESEARCH ON STRIFE DOMAIN STRUCTURES IN FERROMAGNETIC METAL FILMS FINAL REPORT JAN 1967 | AFOSR67-0210 |
| STRIPPED | |
| ON A NEW SOURCE OF HIGHLY STRIPPED HEAVY IONS | AFOSR66-0346 |
| STRIPPING | |
| DEUTERON STRIPPING ON A REALISTIC NUCLEUS
TRAPPING STATES IN STRIPPING REACTIONS | AFOSR67-2306
AFOSR66-1266 |
| STRONG | |
| STRONG INITIAL- AND FINAL-STATE INTERACTIONS IN NONRESONANT HYPER-NUCLEAR DECAYS AND IN PARITY-VIOLATING REACTIONS
STRONG DECAYS OF HIGH-SPIN BARYON RESONANCES IN O/A.2/
ON STRONG SMALL PERTURBATION SOLUTIONS FOR STEADY SUPERSONIC FLOWS OF INERT OR REACTING MIXTURES
THE EFFECT OF STRONG F F FIELDS ON AN INFRARED SPECTROMETER
THE EFFECT OF STRONG CORRELATIONS ON BARYON-BARYON WEAK INTERACTIONS
INVESTIGATION OF STRONG BLAST WAVES AND THE DYNAMICS OF LASER INDUCED PLASMAS IN HIGH PRESSURE GASES
PLASMA HEATING BY STRONG SHOCK WAVES
DYNAMICAL THEORY OF STRONG INTERACTIONS
POSSIBLE VANISHING OF STRONG INTERACTION CROSS-SECTION AT INFINITE ENERGIES
SUPERCONDUCTIVITY IN A STRONG SPIN-EXCHANGE FIELD
THEORY OF SELF-INDUCED STRONG INTERACTIONS
IRREGULAR REFRACTION OF A STRONG SHOCK WAVE BY A WEDGE OF HOT GAS
AN EVOLUTIONARY SEQUENCE FOR STRONG RADIO SOURCES
SKIN-FRICTION MEASUREMENTS IN STRONG INTERACTION
GENERALIZED MAGNETO-IONIC THEORY FOR STRONG ELECTRIC FIELDS
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELD I. GENERAL THEORY
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELDS II. LOWEST ORDER CORRECTIONS
DECAY CORRELATIONS OF PHOTO-PRODUCED PIONS IN THE STRONG ABSORPTION MODEL
RADIATIVE CORRECTIONS TO LEPTONIC DECAYS AND COMPOSITE MODELS FOR STRONG INTERACTIONS
THEORETICAL AND EXPERIMENTAL STUDIES OF SHOCK WAVE-LAMINAR BOUNDARY LAYER INTERACTION IN THE STRONG INTERACTION REGIME | ARL 67-0112
AFOSR67-2029
AFOSR66-0187
AFOSR67-1032
AFOSR67-0349
AFOSR67-0573
AFOSR66-0232
AFOSR66-2681
AFOSR67-1196
AFOSR67-0273
AFOSR67-0126
AFOSR66-0575
ARL 67-0229
AFOSR66-1081
ARL 66-0344
AFOSR67-0397
ARL 67-0180
ARL 67-0150
AFOSR67-0272
AFOSR67-2797 |
| STRONG-COUPLING | |
| STRONG-COUPLING SUPERCONDUCTOR AT NONZERO TEMPERATURE
STRONG-COUPLING THEORY OF PARAFLECTRIC IMPURITIES IN ALKALI HALIDES | AFOSR67-0373
AFOSR67-1666 |
| STRONGLY | |
| SPATIAL RESOLUTION OF THE VOLUME EMISSION COEFFICIENT IN STRONGLY SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY
ON THE STATISTICAL INTERPRETATION OF THERMODYNAMIC ENTROPY IN A STRONGLY COUPLED GAS | ARL 66-0174
AFOSR67-1362 |
| STRONTIUM | |
| MAGNETIC SUSCEPTIBILITY OF BARIUM MOLYBDATE/IV/ AND STRONTIUM MOLYBDATE/IV/ IN THE RANGE 2-300 DEGREES K
PARAMAGNETIC-RESONANCE STUDY OF THE DYNAMIC JAHN-TELLER EFFECT IN CALCIUM FLUORIDE SCANDIUM TWO PLUS AND STRONTIUM | AFOSR67-1478
AFOSR67-1203 |
| STRUCTURAL | |
| STRUCTURAL EFFECTS ON THE COMPLEXING ABILITY OF ALKYL DIPHENYLPHOSPHINATES WITH MAGNESIUM IODIDE
STRUCTURAL AND FUNCTIONAL ADAPTATION IN A VISUAL SYSTEM
STRUCTURAL INSTABILITY FINAL REPORT JUNE 1968
STRUCTURAL CHEMISTRY AND BONDING IN INORGANIC COMPOUNDS FINAL REPORT DEC 1968
ON STRUCTURAL PROPERTIES OF LINEAR CONSTANT MULTIVARIABLE SYSTEMS
SOME STRUCTURAL PROBLEMS OF SPACE FLIGHT
EXPERIENCES OF STRUCTURAL INTERACTION BOUNDARIES FOR RANDOM EXCITATION
THERMAL DIFFUSION AND STRUCTURAL ORDER IN LIQUIDS
ORGANOMETALLIC SULFUR COMPLEXES X STRUCTURAL AND BONDING CHARACTERIZATION OF A TRIMERIC MERCAPTOCOBALT CARBONYL
MAGNETIC ELECTRON SPIN RESONANCE OPTICAL AND STRUCTURAL STUDIES OF THE ISOMORPHOUS SERIES SODIUM SCANDIUM-IRON
QUALITATIVE THEORY OF DIFFERENTIAL VIBRATIONS AND STRUCTURAL STABILITY | AFOSR67-0751
AFOSR66-0700
AFOSR66-1194
AFOSR66-2843
AFOSR67-1376
AFOSR67-2797
AFOSR66-0032
ARL 66-1218
AFOSR66-2461
AFOSR66-1477
AFOSR67-2203 |
| STRUCTURAL-FUNCTIONAL | |
| THE SECRETORY CYCLE OF SUPRAOPTIC NEURONS IN THE RAT A STRUCTURAL-FUNCTIONAL CORRELATION | AFOSR67-2004 |

STRUCTURALLY

STRUCTURALLY STABLE SYSTEMS ON OPEN MANIFOLDS ARE NEVER DENSE
STACKING FAULT ENERGIES OF THE STRUCTURALLY RELATED COPPER-GALLIUM ALPHA AND ZETA PHASES

AFOSR68-2260
AFOSR67-1404

STRUCTURE

STRUCTURE AND SPECTRA OF SOLAR ATMOSPHERE FINAL REPORT APR 1968
STRUCTURE OF DIMETHYLGLODOL/111/ COMPOUNDS SPECTROSCOPIC STUDIES ON THE AQUO ION AND SEVERAL COORDINATION COMPOUNDS
STRUCTURE OF THIOPHENECROMIUM THIOCARBONYL
STRUCTURE OF VELOCITY SPACE-TIME CORRELATIONS IN A BOUNDARY LAYER
STRUCTURE OF LIQUIDS III AN X-RAY DIFFRACTION STUDY OF FLUID ARGON
STRUCTURE OF LIQUIDS IV DIRECT CORRELATION FUNCTIONS OF LIQUID ARGON
STRUCTURE OF THE ETA DECAY INTO 3 PIONS AMPLITUDE
STRUCTURE AND PROPERTIES OF LIQUID WATER
STRUCTURE OF LIQUIDS VI SOME CHARACTERISTICS OF FIRST-ORDER DENSITY EXPANSIONS OF RADIAL DISTRIBUTION DIRECT
STRUCTURE OF LIQUIDS PART 7 - DETERMINATION OF INTER-MOLECULAR POTENTIAL FUNCTIONS AND CORRELATION FUNCTIONS IN
STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT NOV 1967
STRUCTURE OF UNITARY SCATTERING AMPLITUDES
STRUCTURE OF $\chi_{\text{C-3}}$ BY DECAY
STRUCTURE TRANSFORMATIONS ON CLEAVED AND ANNEALED GELI SURFACES
STRUCTURE AND GE-71 COUPLING OF THE GEM SUBSCRIPT 3 RADICAL
STRUCTURE OF EVENTS AND AUTONATA
STRUCTURE AND EXTENSIONS OF A THEORY OF CURRENTS
STRUCTURE SENSITIVE PROPERTIES OF INTERMEDIATE SOLID SOLUTIONS FINAL REPORT AUG 1968
STRUCTURE OF BANDE DES COMPOSES II-VI
STRUCTURE OF A METHODOLOGY FOR ENVIRONMENTAL PROJECTIONS FINAL REPORT JUNE 1967
O STRUCTURE AND INNER-SHELL VACANCIES IN KRYPTON-NEON AND KRYPTON-KRYPTON COLLISIONS
THE STRUCTURE OF HEXAMETHYLENECHROMIUM TRICARBONYL WITH COMMENTS ON THE DIBENZENECHROMIUM STRUCTURE
ARC STRUCTURE IN A MAGNETIC ANNUAL DISCHARGE
THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL II/1/ CYANIDE COMPLEX CONTAINING THE TETRADENTATE LIGAND TRIS/3-
THE STRUCTURE OF THE LEVEL SURFACES OF A LYAPUNOV FUNCTION
THE STRUCTURE OF TURNING POINT BOUNDARY LAYERS
THE STRUCTURE OF THE OPTIMAL TRACKING PROBLEM FOR DISTRIBUTED-PARAMETER SYSTEMS
THE STRUCTURE OF NORMAL SHOCK WAVES IN A BINARY GAS MIXTURE
THE STRUCTURE OF WALL INFINITY
THE STRUCTURE OF ELECTROLYTE SOLUTIONS IN HYDROGEN BONDED SOLVENTS
FINE STRUCTURE OF THE INSECT CORNEA AND CORNEAL NIPPLED DURING ONTOGENESIS
FINE STRUCTURE OF FOURTH ENERGY LEVELS OF SINGLY IONIZED HELIUM
ROLL STRUCTURE LEADERSHIP AND NEGOTIATION EFFECTIVENESS
BAND STRUCTURE OF DEFORMATION POTENTIALS AND EXCITON STATES IN SOLID BENZON
BAND STRUCTURE OF DISMUTH PSEUDOPOTENTIAL APPROACH
FINE STRUCTURE OF HELIOTIC CHROMOSOMES
BAND STRUCTURE AND DISPERSION RELATIONS IN II-VI COMPOUNDS
FINE STRUCTURE IN THE OPTICAL ABSORPTION EDGE OF ZN SUBSTITUTED-X SOLID SOLUTIONS
BAND STRUCTURE OF GASES
SHOCK STRUCTURE IN A GAS OF RIGID NONCENTRAL PARTICLES
ON THE STRUCTURE OF THE UPPER MANTLE
ON THE STRUCTURE OF ALFVEN SHOCKS
CHANGE STRUCTURE OF THE CALCIUM ISOTOPES
ON THE STRUCTURE OF SEQUENTIAL MACHINE REALIZATIONS
ON THE STRUCTURE OF IONIZATION FRONTS
DEFECT STRUCTURE OF A-MMSUB2050495
CRYSTAL STRUCTURE OF A 1:1 MIXTURE OF TWO IRON CARBONYL SULFUR COMPLEXES
FRICTION STRUCTURE AND MAGNETO-OPTICAL EFFECTS IN ZINC SULFIDE
CRYSTAL STRUCTURE OF THE MEDITERRANEAN SEA BY SURFACE WAVES PART I GROUP VELOCITY
CRYSTAL STRUCTURE OF THE MEDITERRANEAN SEA PART II PHASE VELOCITY AND TRAVEL TIMES
SURFACE STRUCTURE OF CLEAN GOLD AND SILVER SURFACES
QUANTUM STRUCTURE IN THE DIELECTRIC FUNCTION OF METALS AND ANOMALOUS PROPAGATION MODES
CRYSTAL STRUCTURE AND MOLECULAR MOTION OF SOLID CARBON DISULFIDE
NUCLEAR STRUCTURE OF SC SUPPER 43 II. GAMMA-RAY ANGULAR CORRELATIONS
NUCLEAR STRUCTURE OF SC SUPPER 43 I. ENERGY LEVELS AND DECAY SCHEMES
MESOSCALE STRUCTURE OF THE ATMOSPHERE IN REGION: ON CLEAR-AIR TURBULENCE VOLUME I
ALGEBRAIC STRUCTURE OF LINEAR DYNAMICAL SYSTEMS I THE MODULE OF SIGMA
ALGEBRAIC STRUCTURE OF SUPERCONVERGENCE RELATIONS
HYPERFINE STRUCTURE OF THE V EQUALS 0 J EQUALS 1 STATE IN RB SUPERSUBSCRIPT 85F RB SUPERSUBSCRIPT 7F K SUPERSUBSCRIPT 3F AND K
ELECTRONIC STRUCTURE OF ORGANIC MOLECULES AND ORGANIC SEMICONDUCTORS FINAL REPORT JUNE 1967
ELECTRONIC STRUCTURE OF THE MANGANATE CHROMATE VANADATE ION FROM THE METAL POTASSIUM X-RAY SPECTRA
ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON ATOMS FINAL REPORT FEB 1967
ELECTRONIC STRUCTURE AND GROUND STATE OF SCANDIUM MONOFLUORIDE
A POSSIBLE STRUCTURE FOR C-VIOLATING ELECTROMAGNETIC INTERACTIONS
ELECTRONIC STRUCTURE AND GEOMETRY OF HYDROGEN CYANIDE
ELECTRONIC STRUCTURE AND STABILITY OF THE INORGANIC PULMINATES
GROWTH AND STRUCTURE OF SINGLE-CRYSTAL FILMS FINAL REPORT JULY 1968
THE DEFECT STRUCTURE OF METAL OXIDES
ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS -- REFINEMENT OF FIRST-PRINCIPLES ENERGY BAND MODELS
ELECTRONIC STRUCTURE AND OPTICAL PROPERTIES OF MIXED CRYSTALS
ELECTRONIC STRUCTURE OF II-VI AND III-V COMPOUNDS AS CALCULATED BY THE OPW METHOD
ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS -- EMPIRICALLY-ADJUSTED OPW ENERGY BAND CALCULATIONS
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF CRYSTALS
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF SILICON CARBIDE
ELECTRONIC STRUCTURE AND OPTICAL SPECTRUM OF GGE, SNTF, PBS, PRSF AND POTE
ENERGY BAND STRUCTURE OF SEMICONDUCTORS FINAL REPORT DEC 1968
RESEARCH ON STRUCTURE CHARACTERIZATION OF CONTINUOUS FILAMENTS MATERIALS
THE CRYSTAL STRUCTURE OF BASIC ZIRCONIUM SULPHATE TETRAHYDRATE
THE CRYSTAL STRUCTURE OF POTASSIUM ALUMINATE
ENERGY BAND STRUCTURE OF COPROUS OXIDE IN THE VICINITY OF THE FUNDAMENTAL EDGE FROM MAGNETO-OSCILLATORY ABSORPTION
THE CRYSTAL STRUCTURE OF THE METAHYDRATED CALCIUM SALT OF HEXACYANOISOBUTYLENE
RELATION OF STRUCTURE TO FUNCTION IN HEMOGLOBIN
ENERGY BAND STRUCTURE OF COS USING SELF-CONSISTENT OPW AND PSEUDOPOTENTIAL METHODS
ENERGY BAND STRUCTURE OF CUCI, CUCL, CUI, AND AGI
THE INTERNAL STRUCTURE OF HYDROGEN-AIR DIFFUSION FLAMES
OPTICAL FINE STRUCTURE AND VISUAL ORIENTATION FINAL REPORT OCT 1968
THE HYPERFINE STRUCTURE OF THE 2P 2P LEVELS OF LITHIUM
A STUDY OF THE STRUCTURE OF THE TURBULENT BOUNDARY LAYER WITH AND WITHOUT LONGITUDINAL PRESSURE GRADIENTS
IONIZING SHOCK STRUCTURE IN A MAGNETIC GAS
MAGNETIC-FIELD STRUCTURE ASSOCIATED WITH CORONAL STREAMERS
THE EQUILIBRIUM STRUCTURE OF A SHOCK-HEATED CORONA
PREPARATION AND STRUCTURE OF A TETRAMERIC CYCLOPENTADIENYLIRON SULFIDE
PREPARATION AND STRUCTURE OF $\chi_{\text{C/SUB3/SUB2/CO/SUB6 SUB25/}}$ AN ORGANOMETALLIC COMPLEX CONTAINING A TETRAHEDRAL-LIKE
COMMENTS ON THE STRUCTURE OF ELECTROLYTE SOLUTIONS BASED ON THERMAL DIFFUSION MEASUREMENTS
STUDY OF NUCLEAR STRUCTURE AND INTERACTIONS FINAL REPORT FEB 1968
GEMS, AN ON-LINE STRUCTURE FOR THE NEGOTIATION OF INQUIRIES FINAL REPORT SEPT 1967
RELATIVISTIC BAND STRUCTURE OF GGE, SNTF, POTE, PRSF AND PBS
RELATIVISTIC BAND STRUCTURE OF COMPOUND SEMICONDUCTORS
KATASTROPHIC SURFACE STRUCTURE OF THE W/110/ FACE
THE METALLOGRAPHIC STRUCTURE OF CONTINUOUS VAPOR DEPOSITED SiC FILAMENTS
THE PREPARATION AND STRUCTURE OF ZIRCONIA SPHERES

AFCL6A-0295
AFOSR67-0481
AFOSR67-0728
AFOSR67-0660
AFOSR67-1181
AFOSR67-1182
AFOSR67-1748
AFOSR67-2088
AFOSR67-2576
AFOSR67-2577
AFOSR67-2708
AFOSR67-2825
AFOSR68-0275
AFOSR68-1870
AFOSR68-1950
AFOSR68-2187
AFOSR68-2538
AFOSR68-2741
ARL 67-0237
ARL 67-0004
AFOSR68-2762
AFOSR67-0741
AFOSR67-2049
AFOSR67-2172
AFOSR67-2174
AFOSR68-0648
AFOSR68-1826
AFOSR68-2248
ARL 67-1055
ARL 68-1087
AFOSR67-0903
AFOSR67-1221
AFOSR67-1571
AFOSR67-2764
AFOSR68-0820
AFOSR68-2173
ARL 67-0285
ARL 68-0305
ARL 68-1429
AFOSR67-2461
AFOSR67-0143
AFOSR67-0248
AFOSR67-0911
AFOSR67-1764
AFOSR68-0749
ARL 67-1345
AFOSR67-0727
AFOSR67-1702
AFOSR67-2142
AFOSR67-2415
AFOSR68-0887
AFOSR68-1788
AFOSR68-1813
ARL 68-1341
ARL 68-1342
AFCL67-0115
AFOSR67-1469
AFOSR67-2454
AFOSR68-2415
AFCL67-0517
AFOSR67-0493
AFOSR67-0899
AFOSR67-1146
AFOSR67-1357
AFOSR67-2463
AFOSR68-0613
AFOSR68-1909
ARL 67-1160
ARL 68-0244
ARL 68-1058
ARL 68-1349
ARL 68-1410
ARL 68-1411
ARL 68-1413
ARL 68-1419
AFCL68-0631
ARL 67-0290
AFOSR67-1309
AFOSR67-1310
AFOSR67-2331
AFOSR68-0483
AFOSR68-0491
ARL 67-0081
ARL 68-1405
AFOSR67-0649
AFOSR68-2336
AFCL6A-0537
AFOSR67-0004
AFOSR67-1578
AFOSR68-0652
AFCL68-0312
AFOSR67-0721
AFOSR67-1659
ARL 67-1245
AFOSR68-0391
AFOSR68-1337
ARL 68-1421
ARL 68-1423
AFOSR68-1414
ARL 68-0164
AFOSR67-1354

- SMALL SCALE VELOCITY STRUCTURE IN THE 30 - 60 KM REGION DEDUCED FROM PAIRED ROBIN SOUNDINGS
INFRARED SPECTRA AND STRUCTURE OF SILICON COBALT TETRACARBONYLS
MOTION OF THE VORTEX STRUCTURE IN TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELD
INFRARED SPECTRA AND STRUCTURE OF PHOSPHINE AND SUBSTITUTED PHOSPHINE COMPLEXES OF GALLIUM TRIHALIDES
RECOVERY OF ROCKSALT STRUCTURE CDS TO ROOM PRESSURE
STUDIES OF THE DEFECT STRUCTURE OF NONSTOICHIOMETRIC RUTILE, TiO₂SUB-2
ANALYSIS OF SPACE-TIME STRUCTURE IN ELEMENTARY PARTICLE PHYSICS
ON THE ELECTROMAGNETIC STRUCTURE OF THE YUKAWA MESON II
NEW STUDIES OF THE BAND STRUCTURE OF THE DIAMOND-TYPE CRYSTALS
HIGH TEMPERATURE DEFECT STRUCTURE OF FERRIC OXIDE
HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NiO
HIGH-TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NiO
HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NiO
THE INFLUENCE OF NETWORK STRUCTURE ON THE PERFORMANCE OF LEARNING SYSTEMS
THREE-DIMENSIONAL CRYSTAL STRUCTURE OF BENZENECROMIUM TRICARBONYL WITH FURTHER COMMENTS ON THE DIBENZENCHROMIUM
THE CRYSTAL AND MOLECULAR STRUCTURE OF 1-METHYLAmino-7-METHYLAmino-1,3,5-CYCLOHEPTATRIENE
TIME SERIES WITH PERIODIC STRUCTURE
THE CRYSTAL AND MOLECULAR STRUCTURE AND THE SOLUTION CONFORMATION OF DIMETHYLGLYO /III/ HYDROXIDE AN INORGANIC
OBSERVATIONS OF THE SPATIAL STRUCTURE OF INTERSTELLAR HYDROGEN I HIGH-RESOLUTION OBSERVATIONS OF A SMALL REGION
RELATIONSHIP BETWEEN DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF CERAMIC MATERIALS
SEMICONDUCTOR HETEROJUNCTION STRUCTURE STUDIES FINAL REPORT SEPT 1968
THE PRESSURE AND THE INTERNAL STRUCTURE OF EARTH /SPANISH/
THERMONUCLEAR DETONATION WAVE STRUCTURE
INVESTIGATION OF THE TURBULENT STRUCTURE AND DRIFT MOTIONS IN THE IONOSPHERE FINAL REPORT APR 1967
CURRENT RESEARCH ON THE DEFECT STRUCTURE AND TRANSPORT PROPERTIES OF COMPOUND SEMICONDUCTORS AT AIRI
NEW STUDIES OF THE ENERGY BAND STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS AND SEMIMETALS
MAGNETIC FIELDS AND SMALL-SCALE STRUCTURE OF THE SOLAR ATMOSPHERE
THE FORMATION OF THE MACROVORTEX STRUCTURE IN HARD SUPERCONDUCTORS
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF A₂O₃VO₂SUB₁ SURF.0.87YOSUB2/ ELECTROLYTE
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF HFO SUB 2
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF ZROSUB
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF SCOSUB2OSUB3
D WAVE DIFFRACTION THEORY AND THE STRUCTURE OF THE CORE- MANTLE BOUNDARY
SEISMIC EVIDENCE FOR A NEW LAYERED STRUCTURE OF THE EARTH'S CORE
ORGANOMETALLIC SULFUR COMPLEXES II STRUCTURE OF A HEXANUCLEAR COBALT CARBONYL SULFUR COMPLEX CONTAINING A
PENTACOORDINATE SILICON THE CRYSTAL STRUCTURE OF DIMETHYLSILYLAMINE PENTANER
ORGANOMETALLIC SULFUR COMPLEXES XII STRUCTURE OF A HEXAMERIC MERCAPTODICOBALT CARBONYL SULFIDE COMPLEX
PART I RESEARCH ON THE HETEROGENEOUS STRUCTURE OF THE SOLAR ATMOSPHERE A PROGRESS REPORT 1964-6 PART II LANGUAGES NO
WATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE
WATCH RECOGNITION IN CHROMOSOME BAND STRUCTURE
INTERBAND MAGNETOREFLECTION AND BAND STRUCTURE OF HGTE
PHOTOREMISSION STUDY OF THE ELECTRONIC STRUCTURE OF COFE
STUDY OF ATMOSPHERIC CONSTITUENTS AND STRUCTURE BY MEASUREMENT OF TRANSMISSION AND ABSORPTION OF MILLIMETER WAVES OF
INCIDENT AND REFLECTED IONIZING SHOCK STRUCTURE
MICROHARDNESS ANISOTROPY IN ROCK SALT STRUCTURE OXIDES
KINETIC MODELS FOR A GAS WITH INTERNAL STRUCTURE
HEAT TRANSFER AND RELATED SUPERSONIC FLOW STRUCTURE FOR AERODYNAMIC REARWARD-FACING SURFACE STEPS
RELATIVITY THEORY AND ASTROPHYSICS 3 STELLAR STRUCTURE FINAL REPORT NOV 1967
RELATIVITY THEORY AND ASTROPHYSICS 2 GALACTIC STRUCTURE FINAL REPORT NOV 1967
PHOTOREMISSION INVESTIGATION OF THE ELECTRONIC STRUCTURE OF CHROMIUM
HERMITEAN ANALYTICITY AND S-WAVE SINGULARITY STRUCTURE
USE OF MICROANALYSIS FOR DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES
ORGANOMETALLIC SULFUR COMPLEXES VI THE MOLECULAR STRUCTURE A TRICYCLIC COMPLEX TRICOBALT ENNEACARBONYL SULFIDE
CHLORINE-35 NUCLEAR QUADRUPOLE RESONANCE AND THE STRUCTURE OF THE BICHLORIDE ION IN TETRAMETHYLAMMONIUM BICHLORIDE
HETEROGENEOUS NUCLEATION AND ITS INFLUENCE ON THE STRUCTURE OF THIN FILMS /GERMAN/
THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER
THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER
CHEMICAL REACTIONS IN ELECTRICAL DISCHARGES II THE STRUCTURE OF THE POSITIVE COLUMN IN D-C GLOW DISCHARGES THROUGH
PRELIMINARY RESULTS OF AN INVESTIGATION OF CRUSTAL STRUCTURE IN SOUTHEASTERN EUROPE
ORGANOMETALLIC SULFUR COMPLEXES VIII THE MOLECULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGED DIMERIC COMPLEX OF MOLYBDENUM
ORGANOMETALLIC SULFUR COMPLEXES XI PREPARATION AND STRUCTURE OF A PENTAMERIC MERCAPTODICOBALT CARBONYL COMPLEX
RESEARCH ON THE STABILITY OF THE BODY-CENTERED-CUBIC STRUCTURE IN METALS AND ALLOYS FINAL REPORT AUG 1968
STUDY OF SEISMICITY MECHANICS OF FAULTING AND CRUSTAL STRUCTURE WITHIN THE BASIN AND RANGE AND ADJOINING PROVINCES
USE OF A MICROTHERMODYNAMICS IN DETERMINING THE DEFECT STRUCTURE OF METAL OXIDES
MAGNETIC PROPERTIES OF IRON OXIDE AS RELATED TO THE DEFECT STRUCTURE
MICROWAVE SPECTRUM VIBRATION-ROTATION INTERACTION MOLECULAR STRUCTURE AND DIPOLE MOMENT OF 1-METHYLPENTABORANE /9/
MAGNETIC PROPERTIES OF IRON SUB OXYGEN AS RELATED TO THE DEFECT STRUCTURE
PIETZ-OPTICAL CONSTANTS DEFORMATION POTENTIALS AND THE ELECTRONIC STRUCTURE OF COPPER
THE USE OF THE COORDINATION NUMBER IN THE INTERPRETATION OF FLUID STRUCTURE
RELATING THE LOW TEMPERATURE CONDUCTIVITY OF RUTILE TO ITS DEFECT STRUCTURE
THEORY OF METRIC CHANGE IN SECOND-ORDER PHASE TRANSITION IN PEROVSKITE STRUCTURE
SPECTROPHOTOMETRY OF GALACTIC MOLECULAR INTERNAL RADIATION AND INTERNAL MASS STRUCTURE OF HII EMISSION REGIONS FINAL
SOLUTION TO THE PHENOMENOLOGICAL PROBLEM OF A MAGNETIC LINE SOURCE ABOVE A PLANE STRUCTURE THAT SUPPORTS N-EXCITED
THE IONIZATION ENERGIES OF SOME PHENOTHIAZINE TRANQUILIZERS AND MOLECULES OF SIMILAR STRUCTURE
DETERMINATION OF THE MEAN VALUES OF CONDUCTIVITY AND DIELECTRIC CONSTANT FROM THE FIELD STRUCTURE OF A MAGNETIC DIPOLE
THE TRAVEL TIMES OF P WAVES TO 30 DEGREES IN THE CENTRAL UNITED STATES AND UPPER MANTLE STRUCTURE FINAL REPORT JULY
POSSIBLE CONFORM INVARIANT INTERNAL DYNAMICAL BEHAVIOR AND INTERNAL RIEMANNIAN SPACE TIME STRUCTURE OF ELEMENTARY
THE STRUCTURE OF HEXAMETHYLBENZENCHROMIUM TRICARBONYL WITH COMMENTS ON THE DIBENZENCHROMIUM STRUCTURE
RELATION BETWEEN PHOTOELASTICITY ELECTROSTRICTION AND FIRST ORDER RAMAN EFFECT IN CRYSTALS OF THE DIAMOND STRUCTURE
- STRUCTURED
STRUCTURED FLUORESCENCE SPECTRUM OF ANTHRAcene VAPOR
STRUCTURES
STRUCTURES ON NON-MANIFOLDS
FLOW STRUCTURES WITH STATIONARY CORES
BRAIN STEM STRUCTURES RESPONSIBLE FOR THE ELECTROENCEPHALOGRAPHIC PATTERNS OF DESYNCHRONIZED SLEEP
FINITE MESH STRUCTURES AND PROPOSITIONAL LOGIC
THE CRYSTAL STRUCTURES OF RARE-EARTH MONOSILICIDES
TREES AND MESH STRUCTURES
STUDY ON PERIODIC STRUCTURES IN FOW PARTS
DYNAMIC STABILITY OF STRUCTURES - INTERNATIONAL CONFERENCE ON DYNAMIC STABILITY OF STRUCTURES 18-20 OCT 1965
ROLE OF VARIOUS BRAIN STRUCTURES ON PHYSIOLOGICAL FUNCTIONS FINAL REPORT DEC 1967
MICROWAVE SPECTRA AND STRUCTURES OF ISOTHIAZOLE 1,2,4 DIADIAZOLE AND IMIDAZOLE
TRENDS IN CHEMISORBED STRUCTURES ON /110/ SURFACES OF FCC REFRACTORY METALS
RADIATION STUDY ON MOS STRUCTURES
RADIATION STUDY ON MOS STRUCTURES
RADIATION STUDY ON MOS STRUCTURES
RADIATION STUDY ON MOS STRUCTURES
AFOSR PROGRAM ON LIQUID STRUCTURES FINAL REPORT OCT 1967
STUDY OF ALUMINA CRYSTAL STRUCTURES /AUTOMATION OF THE VFRNEUSL PROCESS/ FINAL REPORT MAR 1967
GLOBAL EXISTENCE OF SPIN STRUCTURES FOR GRAVITATIONAL FIELDS
RESEARCH ON STRIP DOMAIN STRUCTURES IN FERROMAGNETIC METAL FILMS FINAL REPORT JAN 1967
- APCRL67-0263
AFOSR67-1367
AFOSR68-0840
AFOSR68-1831
ARL 67-0177
ARL 67-0980
AFOSR67-0401
AFOSR67-2086
APCRL67-0388
ARL 67-0137
ARL 68-0161
ARL 68-0199
ARL 68-1170
AFOSR68-1380
AFOSR67-0725
AFOSR68-0482
AFOSR68-1115
AFOSR68-2863
AFOSR68-1008
ARL 68-1158
APCRL68-0340
APCRL68-0930
AFOSR67-1539
AFOSR68-1603
APCRL67-0188
ARL 68-1196
ARL 68-1409
APCRL67-0216
AFOSR67-2240
ARL 67-0126
ARL 67-0176
ARL 68-1171
ARL 68-1172
AFOSR67-1188
AFOSR67-2115
AFOSR67-2191
AFOSR68-0041
AFOSR68-2431
APCRL67-0094
AFOSR67-0710
AFOSR67-1549
AFOSR68-0022
APCRL67-0405
APCRL67-0548
AFOSR68-2531
ARL 68-1176
AFOSR67-1280
ARL 67-1270
AFOSR67-2689
AFOSR67-2688
AFOSR68-0920
AFOSR67-1135
ARL 68-1144
AFOSR67-1784
AFOSR68-0679
AFOSR67-0506
ARL 68-1186
ARL 68-1380
AFOSR67-0671
AFOSR67-2158
AFOSR67-2210
AFOSR68-2735
AFOSR68-1002
AFOSR67-0529
ARL 67-0160
AFOSR67-1679
AFOSR68-2808
AFOSR68-1873
AFOSR68-0723
AFOSR68-1555
ARL 68-1146
ARL 68-0243
APCRL68-0078
APCRL68-0084
AFOSR68-1254
APCRL67-0494
AFOSR67-1844
ARL 67-1331
AFOSR67-0741
AFOSR68-0932
- AFOSR68-0730
AFOSR67-1419
ARL 67-0192
AFOSR67-1480
AFOSR67-1525
AFOSR67-1752
AFOSR67-1504
APCRL68-0043
AFOSR68-0478
AFOSR68-0394
AFOSR68-1059
ARL 67-1120
APCRL67-0062
APCRL67-0381
APCRL68-0045
APCRL68-0321
AFOSR67-2512
APCRL67-0148
AFOSR68-2264
APCRL67-0210

STRUCTURES - CONTINUED

CRYSTAL CHEMISTRY OF ABSORB STRUCTURES I INVESTIGATIONS ON ABSOR SECTIONS IN THE TERNARY SYSTEMS NAME EARTH-ALUMINUM-
RESEARCH ON ENERGY ABSORBING STRUCTURES PART V
RESEARCH ON ENERGY ABSORBING STRUCTURES PART VI FINAL REPORT MARCH 1968
WAVE PROPAGATION ALONG PERIODIC STRUCTURES AND PLASMA SLAB FINAL REPORT MAY 1967
ON THE LIFETIME OF VISCOELASTIC STRUCTURES IN A RANDOM TEMPERATURE FIELD
EFFECT OF INNOVATION ON SUBCORTICAL STRUCTURES IN MONKEYS
ANALYSIS OF DISTRIBUTED AMPLIFIER STRUCTURES
ONE-DIMENSIONALLY INCONGRUENT SURFACE STRUCTURES
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER INTENSITY
LEAST-SQUARES REFINEMENT OF MOLECULAR STRUCTURES FROM GASEOUS ELECTRON-DIFFRACTION SECTOR-MICROPHOTOMETER DATA III
RELIABILITY APPROXIMATIONS FOR COMPLEX STRUCTURES
PARAMETRIC RESONANCE OF ONE-DIMENSIONAL STRUCTURES SUBJECTED TO PERIODIC IMPACTS
FUNDAMENTAL PROBLEMS OF FUTURE AEROSPACE STRUCTURES FINAL REPORT SEPT 1967
NATURAL VIBRATIONS OF FINITELY DEFORMABLE STRUCTURES
SOLID FLUORINE AND SOLID CHLORINE CRYSTAL STRUCTURES AND INTERMOLECULAR FORCES
ELECTROMAGNETIC RADIATION FROM QUASI-PERIODIC STRUCTURES FINAL REPORT JULY 1967
SIMPLIFIED LANGUAGE FOR ABSTRACT MATHEMATICAL STRUCTURES
NEW PHOTOCROMIC COMPOUNDS WITH SUBP-NITROBENZYL STRUCTURES
PHOTOSYNTHETIC REACTIONS OF CHLOROPLASTS WITH UNUSUAL STRUCTURES
GUIDING AND SCATTERING OF ELECTROMAGNETIC FIELDS BY CORRUGATED STRUCTURES
ELECTROENCEPHALOGRAPHIC CORRELATES OF LEARNING IN SUBCORTICAL AND CORTICAL STRUCTURES
GENERALIZED IMPEDANCE BOUNDARY CONDITIONS WITH APPLICATIONS TO SURFACE WAVE STRUCTURES
ON MARTIN'S LOWER BOUND FOR RESPONSE TIME OF IMPULSIVELY LOADED RIGID-PLASTIC STRUCTURES
COMPARISON OF THE ROLES OF THE SUBTHALAMUS AND OF VARIOUS GYRO-NESECEPHALIC STRUCTURES IN THE MAINTENANCE OF
ON THE POSSIBLE ROLE OF DISLOCATIONS IN GENERATING ORDERED AND DISORDERED SHEAR STRUCTURES
THEORY OF DYNAMICAL SYSTEMS REPRESENTED BY DIFFERENTIAL EQUATIONS AND ALGEBRAIC STRUCTURES
DYNAMIC STABILITY OF STRUCTURES - INTERNATIONAL CONFERENCE ON DYNAMIC STABILITY OF STRUCTURES 18-20 OCT 1965
THE ANALYSIS OF EXPERIMENTAL DATA OBTAINED FROM STABILITY STUDIES ON ELASTIC COLUMN AND PLATE STRUCTURES
AFOSR67-2737
AFOSR67-2884
AFOSR68-0489
AFOSR67-0441
AFOSR68-0381
AFOSR67-2167
AFOSR67-1230
AFOSR68-1816
AFOSR67-0276
AFOSR67-0276
AFOSR67-0277
AFOSR67-1918
AFOSR68-0763
AFOSR67-2176
AFOSR68-0347
AFOSR68-2788
AFOSR67-0440
AFOSR68-2328
AFOSR67-0246
AFOSR68-0496
AFOSR67-0609
AFOSR68-0314
AFOSR67-0819
AFOSR68-1332
AFOSR67-0101
AFOSR67-2710
AFOSR68-2209
AFOSR68-0478
AFOSR67-1289

STUDENT
STUDENT POLITICS
THE TRANSFORMATION OF THE INDIAN STUDENT MOVEMENT
INFLUENCE OF A CAMPUS ENVIRONMENT ON STUDENT COMMITMENT TO A PARA-MILITARY ORGANIZATION FINAL REPORT OCT 1968
A REPORT ON THE EFFECT OF DEGREE OF CONFIDENCE IN STUDENT TESTING
AFOSR68-0946
AFOSR68-0869
AFOSR68-1894
AFOSR68-2161

STUDENTS
A SELECT BIBLIOGRAPHY ON STUDENTS POLITICS AND HIGHER EDUCATION
AFOSR68-0870

STUDIED
F AND M TRAPS IN ALKALI HALIDES STUDIED BY MEANS OF PHOTOSTIMULATED THERMOLUMINESCENCE
SPECIAL REVIEW PART I PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH
SPECIAL REVIEW PART II PHYSIOLOGICAL EFFECTS OF EXTREME HEAT AS STUDIED IN THE FINNISH SAUNA BATH
AFOSR67-1342
AFOSR67-2267
AFOSR67-2268

STUDIES
STUDIES OF ELECTRON SCATTERING IN THIN FILMS FINAL REPORT MAY 1967
STUDIES OF ANTENNA BREAKDOWN IN THE PRESENCE OF A PLASMA SHEATH INCLUDING EFFECTS OF FORCED CONVECTION
STUDIES OF THE FORMATION OF PRECIPITATION IN CONVECTION
STUDIES FOR A GEODETIC LASER SYSTEM FINAL REPORT MAY 1967
STUDIES IN RADIO ASTRONOMY FINAL REPORT MAR 1967
STUDIES OF GUIDED ELECTROMAGNETIC WAVES IN THE PRESENCE OF AXIALLY NONUNIFORM OR RANDOM PERTURBATIONS
STUDIES OF AIRGLOW AND AURORA PHENOMENA USING INSTRUMENTATION TECHNIQUE FINAL REPORT MAR 1967
STUDIES OF OPTICAL MATERIALS FINAL REPORT AUG 1967
STUDIES OF THE EQUATORIAL IONOSPHERE USING TRANSMISSIONS FROM ACTIVE SATELLITES FINAL REPORT SEPT 1967
STUDIES IN TRANSFORMATIONAL GRAMMAR AND RELATED TOPICS FINAL REPORT JAN 1968
STUDIES OF THERMIONIC ENERGY CONVERSION FINAL REPORT APR 1968
STUDIES OF SPATIAL IRREGULARITIES IN THE IONOSPHERE AND THEIR VARIATIONS WITH TIME FINAL REPORT FEB 1968
STUDIES OF NITRIC OXIDE CHEMILUMINESCENCE USING BOUNDARY LAYER APPROXIMATIONS FINAL REPORT APR 1968
STUDIES IN THE DYNAMICAL PREDICTION AND INTERPRETATION OF WEATHER SYSTEMS FINAL REPORT OCT 1968
STUDIES IN RING EXPANSION FINAL REPORT DEC 1968
STUDIES OF MOLYBDENUM ALUMINA IN THE ARC-IMAGE FURNACE
STUDIES ON THE INTERACTION OF LIGHT AND PARTICLE BEAMS FINAL REPORT MARCH 1967
STUDIES IN STELLAR EVOLUTION V TRANSPORT COEFFICIENTS OF DEGENERATE STELLAR MATTER
STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS /SPANISH/
STUDIES OF ARTIFICIALLY DISTURBED SENSORY COORDINATION IN MAN FINAL REPORT MAY 1967
STUDIES ON THE QUANTUM YIELD OF THE PHOTODISSOCIATION OF CARBON MONOXIDE FROM HEMOGLOBIN AND MYOGLOBIN
STUDIES IN PROBLEM SOLVING SUBJECT 3 ON THE CRYPT- ARITHMETIC TASK DONALD PLUS GERALD EQUALS ROBERT
STUDIES OF LOW-ENERGY IONIC COLLISIONS FINAL REPORT NOV 1967
STUDIES OF THERMALLY ACTIVATED COMPLEXED-CURRENT PROCESSES FINAL REPORT NOV 1967
STUDIES OF PRIMARY COSMIC RAYS IN THE ENERGY REGION 10-14 EV TO 10-17 EV /POLIVIAN AIR SHOWER JOINT EXPERIMENT/
STUDIES ON INTESTINAL SUCRASE AND ON INTESTINAL SUGAR TRANSPORT V ISOLATION AND PROPERTIES OF SUCRASE-ISOMALTASE FROM
STUDIES ON INTESTINAL SUCRASE AND INTESTINAL SUGAR TRANSPORT VI LIBERATION OF ALPHA-GLUCOSE BY SUCRASE AND ISOMALTASE
STUDIES OF ATTITUDE AND ATTITUDE MEASUREMENT FINAL REPORT MARCH 1968
STUDIES ON THE NEUROVEGETATIVE AND BEHAVIORAL FUNCTIONS OF THE BRAIN SEPTAL AREA
STUDIES ON THE MANGANESE OF THE CHLOROPLAST
STUDIES OF THE PECULIAR A STARS V CONTINUOUS ENERGY DISTRIBUTIONS
STUDIES OF THE ELECTRONIC STATES OF SIMPLE LIQUIDS
STUDIES IN SOCIAL AND POLITICAL BEHAVIOR AND CHANGE COMMUNIST CHINA FINAL REPORT JUNE 1968
STUDIES OF THE EMISSION FROM INDIUM ANTIMONIDE
STUDIES IN STEREOCHEMISTRY X-RAY DIFFRACTION VS CYCLIC MODELS FOR 1,3-ASYMMETRIC INDUCTION IN ADDITION REACTIONS
STUDIES OF SEQUENTIAL DETECTION SYSTEMS WITH UNCERTAINTY FEEDBACK
STUDIES OF A THEORY FOR NETWORK DESIGN FINAL REPORT NOV 1968
STUDIES OF MICROWAVE SHEAR WAVES IN SOLIDS
STUDIES IN STELLAR EVOLUTION VI EVOLUTION OF A SOLAR MASS RED GIANT WITH MASS LOSS
STUDIES ON THE TACHYPHYLAXIS TO ALPHA-METHYL HYDROXYRAPHINE WITH SPECIAL REFERENCE TO ITS CENTRAL STIMULATING ACTION
STUDIES ON CORTICOTECTAL ACTIVITY IN THE UNANESTHETIZED MID-PONTINE CAT
STUDIES ON THE COMPETENCE OF SINGLE CELLS TO PRODUCE ANTIBODIES OF TWO SPECIFICITIES
STUDIES WITH RATS I. BRAIN MECHANISM IN FEAR SUPPRESSION II. COMPLEXITY AND STIMULUS CHOICE III. ACQUISITION LATENCY AND
STUDIES OF THE EFFECT STRUCTURE OF NONSTOICHIOMETRIC RUTILE, TiO₂SUB-2
STUDIES OF UNIMOLECULAR REACTIONS OF TRIATOMIC MOLECULES
STUDIES ON AN INERT GAS DISK HALL GENERATOR DRIVEN IN A SHOCK TUNNEL
STUDIES OF THE PHYSICAL AND CHEMICAL PROPERTIES OF SOLID SURFACES FINAL REPORT NOVEMBER 1968
STUDIES OF THE LEADING EDGE EFFECT ON THE RAREFIED HYPERSONIC FLOW OVER A FLAT PLATE
STUDIES ON AN INERT GAS DISK HALL GENERATOR WITH AN UPSTREAM PRE-IONIZING DISCHARGE
STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS
STUDIES OF RADIATIONLESS TRANSITIONS IN CONDENSED PHASE USING NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY
STUDIES OF HYDROGEN-AIR SUPERSONIC COMBUSTION AT LOW DENSITIES
STUDIES CONCERNING HYDROLYSIS OF METALLIC IONS 55. VANADIUM /III/ IN 3 MOLAR KCL MEDIUM/
NEW STUDIES OF THE BAND STRUCTURE OF THE DIAMOND-TYPE CRYSTALS
NEW STUDIES OF INTRA- AND INTERMOLECULAR INTERACTIONS FINAL REPORT SEPT 1967
NEW STUDIES OF THE ENERGY BAND STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS AND SEMIMETALS
SOME STUDIES IN GAME PLAYING WITH A DIGITAL COMPUTER
AFAL 67-0072
AFOSR67-0190
AFOSR67-0199
AFOSR67-0229
AFOSR67-0242
AFOSR67-0298
AFOSR67-0431
AFOSR67-0467
AFOSR68-0020
AFOSR68-0032
AFOSR68-0050
AFOSR68-0125
AFOSR68-0143
AFOSR68-0541
AFOSR67-0036
AFOSR67-0564
AFOSR67-0949
AFOSR67-1134
AFOSR67-1293
AFOSR67-1548
AFOSR67-1691
AFOSR67-2169
AFOSR67-2660
AFOSR67-2769
AFOSR68-0186
AFOSR68-0194
AFOSR68-0195
AFOSR68-0295
AFOSR68-0415
AFOSR68-0492
AFOSR68-0900
AFOSR68-1095
AFOSR68-1437
AFOSR68-2041
AFOSR68-2443
AFOSR68-2450
AFOSR68-2610
AFOSR68-2637
AFOSR68-2684
AFOSR68-2711
AFOSR68-2715
AFOSR68-2726
ARL 67-0012
ARL 67-0290
ARL 67-1091
ARL 67-1235
ARL 68-0194
ARL 68-1000
ARL 68-1020
ARL 68-1077
ARL 68-1123
ARL 68-1350
AFOSR67-1294
AFOSR67-0382
AFOSR67-2180
ARL 68-1409
AFOSR67-0298

BASIC STUDIES REGARDING LINE BROADENING FINAL REPORT OCTOBER 1968
 RECENT STUDIES ON OPTIMIZATION FOR ELASTIC STABILITY OF CYLINDRICAL AND CONICAL SHELLS
 RECENT STUDIES OF MOLECULAR BEAM SCATTERING FROM CONTINUOUSLY DEPOSITED GOLD FILMS
 RECENT STUDIES OF GASEOUS ION REACTIONS
 RECENT STUDIES ON D14
 N.M.R. STUDIES OF OPTICAL INVERSION OF OCTAHEDRAL COMPLEXES
 FURTHER STUDIES OF STATISTICAL METEOROLOGY FINAL REPORT JUNE 1967
 KINETIC STUDIES ON HEMOGLOBIN BY FLASH PHOTOLYSIS FINAL REPORT JAN 1967
 FURTHER STUDIES ON MONAMINE METABOLISM AND BEHAVIOUR IN RABBITS CHRONICALLY TREATED WITH RESERPINE
 FURTHER STUDIES ON THE IMMUNOGENICITY OF D-AMINO ACID POLYMERS
 OPTICAL STUDIES OF LOCALIZED MAGNONS AND EXCITONS
 BONDING STUDIES OF ORGANOMETALLIC COMPOUNDS OF BORON AND E GROUP IV ELEMENTS. PART I. HEATS OF HYDROLYSIS AND BOND
 FURTHER STUDIES ON THE VELOCITY FUNCTION OF MOVEMENT DETECTING CLASS-2 NEURONS IN THE PROS RETINA
 FURTHER STUDIES ON DISTRIBUTED ADAPTATION IN NEURONIC NETWORKS FINAL REPORT AUG 1967
 FURTHER STUDIES ON ELECTROMAGNETIC MEANS OF ADDING HEAT AND KINETIC ENERGY TO A GAS FINAL REPORT JULY 1968
 OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS
 OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS
 OPTICAL STUDIES OF DEEP ELECTRON TRAPS IN GaP
 RESEARCH STUDIES AND INVESTIGATION OF METEOROLOGICAL PHENOMENA FINAL REPORT APR 1968
 INFRARED STUDIES OF DIMETHYLSILYLAMINE AND METHYLDISILYLAMINE BY THE MATRIX-ISOLATION TECHNIQUE
 KINETICS STUDIES ON MEMOPROTEINS BY FLASH PHOTOLYSIS FINAL REPORT JAN 1968
 AFTERGLOW STUDIES IN NITROGEN
 SATELLITE STUDIES IN LOW ALTITUDES FINAL REPORT JUNE 1968
 GAS LASER STUDIES IN THE 100 TO 1 000 MICRON RANGE FINAL REPORT DEC 1966
 MICROWAVE STUDIES OF IONIZATION PHENOMENA IN GASEOUS DISCHARGES FINAL REPORT MARCH 1967
 /SPANISH/ STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS XIII POLYMERIZATION OF TELLURATES IN ONE MOLAR NaCl SOLUTION
 GAS LASER STUDIES IN THE 100 TO 1000 MICRON RANGE FINAL REPORT SEPT 1967
 NUMERICAL STUDIES IN GAS DYNAMICS FINAL REPORT APRIL 1968
 RADIATION STUDIES OF ARC HEATED NITROGEN, OXYGEN, AND ARGON PLASMAS FINAL REPORT MAY 1968
 DIAGNOSTIC STUDIES OF WEATHER SYSTEMS OF LOW AND HIGH LATITUDES /ROSSBY NUMBER 1/ FINAL REPORT APRIL 1967
 LOCAL MODE STUDIES OF LI-DEFECT COMPLEXES IN Ga-As AND B-P PAIRS IN Si FINAL REPORT APR 1968
 LABORATORY STUDIES OF PROPAGATION OF MAGNETIC DISTURBANCES IN THE MAGNETOSPHERE FINAL REPORT JULY 1968
 SHOCK TUBE STUDIES OF IONIZED GASES FINAL REPORT AUG 1968
 PHOTOLYSIS STUDIES UTILIZING RADIOACTIVE TRACERS FINAL REPORT APRIL 1967
 SHOCK WAVE STUDIES USING A PLASMA WIND TUNNEL
 PARAMETRIC STUDIES OF ELECTROMAGNETIC SPRAYING
 TRANSITION STUDIES OF POLY /2,6-DIMETHYL 1,4-PHENYLENE ETHER/
 DETONATION STUDIES IN GASEOUS NON-CARBON CONTAINING SYSTEMS
 THEORETICAL STUDIES ON INELASTIC COLLISIONS OF ELECTRONS WITH ATOMS AND MOLECULES FINAL REPORT MAY 1968
 THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS II THE TRIPLET STATES OF THE PARACYCLOPHANES
 THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS III THE ABSORPTION AND EMISSION SPECTRA OF A MULTILAYERED
 THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS IV THE ELECTRONIC STATES OF THE PARACYCLOPHANE ANION
 SOLID-STATE STUDIES OF OXYGEN-DEFICIENT TANTALUM PENTOXIDE
 BIOCHEMICAL STUDIES OF NEURONS AND GLIA DURING LEARNING AND DIFFERENT FUNCTIONAL CONDITIONS FINAL REPORT MAY 1967
 TIME DOMAIN STUDIES OF SHORT PERIOD TELESEISMIC P PHASES FINAL REPORT SEPT 1967
 SOLID STATE STUDIES OF POTASSIUM MOLYBDENUM BRONZES
 SOLID STATE STUDIES OF ALKALI METALS IN TRANSITION-METAL OXIDES
 COMPARATIVE STUDIES OF THE ATTACK OF PYROLYTIC AND ISOTROPIC GRAPHITE BY ATOMIC AND MOLECULAR OXYGEN AT HIGH
 THEORETICAL STUDIES IN ELEMENTARY PARTICLES NUCLEAR & LOW TEMPERATURE PHYSICS
 SINGLE UNIT STUDIES OF CORTICAL CODING OF SIMPLE ACOUSTIC STIMULI
 PERFORMANCE STUDIES OF PLASMA ACCELERATORS
 FUNDAMENTAL STUDIES RELATING TO THE RADIATION CHEMISTRY OF SMALL ORGANIC MOLECULES FINAL REPORT JAN 1967
 SOME RECENT STUDIES OF PROPERTIES OF S-D SMOEL NUCLEI
 EXPERIMENTAL STUDIES OF THE ARCTIC D-REGION FINAL REPORT JAN 1967
 ALBERTA HAIL STUDIES 1966
 EXPERIMENTAL STUDIES OF PULSED MICROWAVE BREAKDOWN EFFECTS IN A HYPERSONIC AIR PLASMA FINAL REPORT FEB 1968
 EXPERIMENTAL STUDIES OF ATOMIC HYDROGEN RECOMBINATION AT GLASS AND QUARTZ SURFACES FINAL REPORT MARCH 1967
 MATHEMATICAL STUDIES OF NONLINEAR CIRCUITS FINAL REPORT FEB 1968
 PLASMA FRONT STUDIES FINAL REPORT MARCH 1968
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 EXPERIMENTAL STUDIES ON FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 EXPERIMENTAL STUDIES OF FREE AND FORCED CONVECTION HEAT TRANSFER AT EXTREMELY HIGH PRANDTL NUMBERS
 SCINTILLATION STUDIES USING THE EARLY BIRD SYNCHRONOUS SATELLITE 136-MHZ SIGNAL
 WEATHER RADAR STUDIES FINAL REPORT JULY 1968
 REACTION RATE STUDIES OF GASEOUS UNIMOLECULAR ISOMERIZATIONS FINAL REPORT OCT 1967
 SPECTROSCOPIC STUDIES OF THE VAPORIZATION OF HIGH TEMPERATURE MATERIALS FINAL REPORT APRIL 1966
 SPECTROSCOPIC STUDIES OF RUTHENIUM /1/ COMPLEXES. ASSIGNMENT OF THE LUMINESCENCE
 SPECTROSCOPIC STUDIES IN A HIGH-TEMPERATURE HYDROGEN-ARC PLASMA
 IONIZING SHOCK STUDIES IN AN ELECTROMAGNETICALLY DRIVEN SHOCK TUBE
 CRYSTAL GROWTH STUDIES OF THE ALKALI METALS THE RARE EARTHS AND COBALT FINAL REPORT AUG 1967
 FIELD EMISSION STUDIES OF THE SURFACE MIGRATION OF REACTORY METALS FINAL REPORT OCT 1967
 SINGLE-CRYSTAL STUDIES OF ELECTRICAL CONDUCTIVITY SEEBECK EFFECT AND HALL VOLTAGE IN SODIUM VANADIUM BRONZE AND A
 HIGH RESOLUTION STUDIES IN THE FAR INFRARED FINAL REPORT JUNE 1967
 DECARBONYLATION STUDIES IN THE ENDO-AND EXOTRICYCLO /3,2,1,0,2,4/OCTEN-8-ONE SERIES STEREOELECTRONIC REQUIREMENTS FOR
 HIGH RESOLUTION STUDIES OF DISCRETE RADIO SOURCES
 ENERGY TRANSFER STUDIES IN THE LIQUID PHASE RADIOLYSIS OF RARE GAS-HYDROGEN MIXTURES
 RADIATION DAMAGE STUDIES OF SILICON PHOTODETECTORS AND MAGNETIC DEVICES FINAL REPORT APR 1968
 NOSSBAUER EFFECT STUDIES OF SURFACE REACTIONS FINAL REPORT APRIL
 FLASH PHOTOLYSIS STUDIES OF 1,3,5-CYCLOOCTATRIENE A REVERSIBLE RING OPENING
 FARADAY ROTATION STUDIES IN Mg-O AND Ca-O COLOUR CENTRES
 SPECTROPHOTOMETRIC STUDIES OF GASEOUS MOLECULE VII. THE IRREGULAR PLANETARY NEBULA NGC 2440
 LUNAR OCCULTATION STUDIES OF FIVE WEAK RADIO SOURCES OF SMALL ANGULAR SIZE
 LUNAR OCCULTATION STUDIES OF SIX WEAK RADIO SOURCES
 MOLECULAR ORBITAL STUDIES OF THE GROUND AND LOW-LYING EXCITED STATES OF THE HELIUM HYDRIDE MOLECULAR ION
 THERMOGRAVIMETRIC STUDIES OF METAL B-DIKETONATES
 COSMIC RAY NEUTRON STUDIES FINAL REPORT DEC 1967
 PLASMA WIND TUNNEL STUDIES OF COLLISION FREE FLOWS AND SHOCKS
 MASS SPECTROMETRIC STUDIES OF ION-MOLECULE REACTIONS
 SPECTROPHOTOMETRIC STUDIES OF GASEOUS MOLECULE XI. THE PLANETARY NGC 6563
 MASS SPECTROMETRIC STUDIES OF GASEOUS ION REACTIONS
 MASS SPECTROMETRIC STUDIES OF NEGATIVE ION-MOLECULE REACTIONS
 MAGNETOSPHERIC TAIL STUDIES I ANALYSIS OF HOURLY AVERAGED IMP-C DATA IN THE MAGNETOSPHERIC TAIL 2 UNCOUPLING OF
 RADIATION SYNTHESIS STUDIES FINAL REPORT APR 1968
 HIGH-MAGNETIC-FIELD STUDIES OF ORTHORHOMBIC AND RHOMBOHEDRAL /ALUMINUM IRON OXIDE/ COMPOUNDS
 PHOTOPOLYMERIZATION STUDIES II IMAGING AND OPTICAL FIXING
 NEGATIVE ION IMPACT STUDIES
 NEGATIVE ION IMPACT STUDIES
 FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS AND WHISKERS FINAL REPORT MAR 1967
 FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELETS FINAL REPORT SEPT 1968
 NEUROPHARMACOLOGICAL STUDIES AND POSTULATES ON EXCITATION AND DEPRESSION IN THE CENTRAL NERVOUS SYSTEM
 ENERGETIC AND ANGULAR STUDIES OF /ARGON-DEUTERIUM POSITIVE MOLECULAR ION AND NITROGEN-DEUTERIUM POSITIVE MOLECULAR
 RADAR THOMSON SCATTER STUDIES OF PHOTOELECTRONS IN THE IONOSPHERE AND LANDAU DAMPING
 ISOMERIC ANALOG STATE STUDIES IN THE BARIUM REGION
 NO-O CHEMILUMINESCENCE STUDIES FLIGHT AND WIND TUNNEL EXPERIMENTS FINAL REPORT JAN 1967
 TRANSIENT INTERFERENCE STUDIES OF PASSIVELY Q-SWITCHED RUBY LASER EMISSION
 LASER TEMPERATURE-JUMP STUDIES OF FAST REACTIONS FINAL REPORT NOV 1967

ARL 68-0196
 AFOSR68-1787
 AFOSR68-2219
 ARL 68-1086
 ARL 68-1099
 ARL 68-1302
 AFOSR67-0677
 AFOSR67-0821
 AFOSR67-2274
 AFOSR68-0536
 AFOSR68-0882
 AFOSR68-1828
 AFOSR68-2703
 ARL 67-0121
 ARL 68-0115
 ARL 68-0139
 ARL 68-0184
 ARL 68-1350
 AFOSR68-0082
 AFOSR67-2041
 AFOSR68-0824
 AFOSR67-0423
 AFOSR68-0491
 AFOSR67-0689
 AFOSR67-1112
 AFOSR67-1306
 AFOSR67-2828
 AFOSR68-1228
 ARL 68-0103
 AFOSR67-0128
 AFOSR68-0196
 AFOSR68-0415
 AFOSR68-0529
 AFOSR67-1079
 AFOSR68-0167
 AFOSR68-1258
 AFOSR68-2514
 ARL 68-1076
 AFOSR68-0299
 AFOSR67-0093
 AFOSR67-0226
 AFOSR67-0644
 AFOSR67-1437
 AFOSR67-1490
 AFOSR67-2519
 AFOSR67-2621
 AFOSR67-2739
 AFOSR68-1286
 AFOSR68-1426
 AFOSR68-2771
 AFOSR68-2830
 ARL 67-0114
 ARL 68-1237
 AFOSR67-0882
 AFOSR67-0687
 AFOSR68-0145
 AFOSR67-1111
 AFOSR68-0643
 AFOSR68-1034
 ARL 68-1316
 ARL 68-1318
 ARL 68-1321
 AFOSR67-0655
 AFOSR68-0407
 AFOSR67-2449
 AFOSR68-1211
 AFOSR68-1576
 ARL 68-1141
 AFOSR67-1814
 AFOSR67-1882
 AFOSR67-2406
 AFOSR68-1474
 AFOSR67-1607
 AFOSR68-0709
 AFOSR68-1925
 ARL 67-1186
 AFOSR68-0820
 AFOSR67-0923
 AFOSR67-2403
 AFOSR68-1706
 ARL 68-0294
 AFOSR67-1730
 AFOSR68-1121
 AFOSR68-2080
 ARL 67-0214
 AFOSR68-0006
 AFOSR67-1160
 ARL 67-1240
 ARL 68-0200
 ARL 68-1125
 ARL 68-1181
 AFOSR67-0551
 AFOSR68-0322
 AFOSR67-1688
 AFOSR68-2012
 ARL 68-0317
 ARL 68-1052
 AFOSR67-0107
 AFOSR68-0414
 AFOSR67-1316
 AFOSR67-1374
 AFOSR68-1637
 ARL 67-1174
 AFOSR67-0193
 AFOSR68-0844
 AFOSR67-2800

| | |
|--|--------------|
| ULTRAVIOLET REFLECTION STUDIES OF COS/COS ₂ SOLID SOLUTIONS | ARL 67-1320 |
| KINETIC AND EQUILIBRIUM STUDIES OF THE THERMAL DECOMPOSITION OF 2-METHYL-2-PROPANOL | AFOSR67-1909 |
| NEAR SURFACE DISPERSION STUDIES AT TONTO FOREST SEISMOLOGICAL OBSERVATORY | AFOSR67-2090 |
| ELECTRON SPIN RESONANCE STUDIES OF DEUTERIUM ISOTOPE EFFECTS A NOVEL RESONANCE-INTEGRAL PERTURBATION | AFOSR68-0304 |
| GREENLAND ICE CAP NOISE STUDIES PROJECT BLUE ICE FINAL REPORT JUNE 1968 | AFOSR68-1940 |
| S-BAND TELEMETRY ANTENNA STUDIES SOUNDING ROCKET RESEARCH AND DEVELOPMENT PROBLEMS | AFCL68-0331 |
| S-BAND TELEMETRY ANTENNA STUDIES MISP-TIP ARRAY AND OTHER SYSTEMS | AFCL68-0339 |
| S-BAND TELEMETRY ANTENNA STUDIES CAVITY-MOUNTED ARRAY | AFCL68-0620 |
| ULTRAVIOLET REFLECTIVITY STUDIES OF COS/3R SINGLE CRYSTAL SOLID SOLUTIONS | ARL 67-1013 |
| REPORT OF JOINT SATELLITE STUDIES GROUP ANNUAL MEETING OSD APRIL 1968 FINAL REPORT APR 1968 | AFCL68-0260 |
| ATMOSPHERIC TRANSMITTANCE STUDIES FINAL REPORT APR 1968 | AFCL68-0278 |
| VOLTAHMETRIC AND SPECTRAL STUDIES ON ZIRCONIUM IN CHLORIDE MEDIA IN ACETONITRILE | AFOSR68-2268 |
| INFRA-RED MAGNETO-OPTICAL STUDIES OF LINE-BIOT ANOMALIES CAUSED BY RESONANT POLARON COUPLING TO MAGNETIC STATES IN | ARL 68-1374 |
| MULTISPECTRAL PHOTOGRAPHIC STUDIES OF A RED-BRO FACIES MINAS BASIN NOVA SCOTIA | AFCL67-0603 |
| NUCLEAR MAGNETIC RESONANCE STUDIES OF POINT DEFECTS IN BARIUM FLUORIDE CRYSTALS | AFOSR67-0594 |
| NUCLEAR MAGNETIC RESONANCE STUDIES OF 3-ACETYLATED-D- CAMPHORATO COBALT III STUDIES | ARL 68-1179 |
| ANALYTICAL AND EXPERIMENTAL STUDIES OF MICROWAVE INTERACTION WITH A HYPERSONIC AIR PLASMA | AFCL67-0201 |
| MAGNETO-OPTICAL AND RELATED STUDIES IN SIMPLE OXIDE CRYSTALS FINAL REPORT MARCH 1968 | AFOSR68-0481 |
| THEORETICAL AND EXPERIMENTAL STUDIES OF INFRARED EMISSION DURING THE LAUNCH PHASE /U/ FINAL REPORT DEC 1966 | AFCL67-0173 |
| THEORETICAL AND EXPERIMENTAL STUDIES OF MECHANICAL PROPERTIES OF ROCK FINAL REPORT MAY 1968 | AFCL68-0281 |
| THEORETICAL AND EXPERIMENTAL STUDIES IN CHEMICAL PHYSICS FINAL REPORT NOV 1966 | AFOSR67-0041 |
| THEORETICAL AND EXPERIMENTAL STUDIES OF SHOCK WAVE-LAMINAR BOUNDARY LAYER INTERACTION IN THE STRONG INTERACTION REGIME | ARL 67-0112 |
| THEORETICAL AND EXPERIMENTAL STUDIES AT HIGH MASS FLOW RATES IN HIGH PRESSURE CONSTRICTED ARCS | ARL 68-1490 |
| RADIOCHEMICAL AND HISTOCHEMICAL STUDIES ON THE EFFECTS OF IMPRAPHINE-LIKE DRUGS AND DEXTRO-AMPHETAMINE ON CENTRAL AND | AFOSR67-0865 |
| GAMMA-RAY ANGULAR CORRELATION STUDIES AND ISOMERIC ANALOG STATES IN 25-10 SHELL NUCLEI | ARL 67-1036 |
| COMPUTER COMPILER ORGANIZATION STUDIES FINAL REPORT MAY 1967 | AFCL67-0443 |
| LOW-ENERGY ELECTRON DIFFRACTION STUDIES OF EPITAXIAL GROWTH OF SILVER AND GOLD IN ULTRAHIGH VACUUM | AFOSR67-1173 |
| ELECTRON-PARAMAGNETIC-RESONANCE STUDIES OF THE FLUORINE DONOR IN BERYLLUM OXIDE | AFOSR68-0680 |
| NUCLEAR SPIN-LATTICE RELAXATION STUDIES | AFOSR68-1684 |
| USE OF SYNTHETIC POLYPEPTIDES IN STUDIES ON THE CONTROL OF ANTIBODY FORMATION | AFOSR68-0534 |
| PAS-INFRARED AND MILLIMETER WAVE STUDIES OF KENON HEXAFLUORIDE | AFOSR68-1628 |
| INVESTIGATION OF SPEECH PROCESSING STUDIES FINAL REPORT OCT 1967 | AFCL67-0413 |
| REVIEW OF CLINICAL AND EXPERIMENTAL STUDIES IN CONDITIONAL REFLEXES PSYCHO AND NEUROPHYSIOLOGY IN USSR CZECHOSLOVAKIA | AFOSR67-1246 |
| BIOPHYSICAL AND ELECTROPHYSIOLOGICAL STUDIES OF SENSORY MECHANISMS FINAL REPORT DEC 1968 | AFOSR68-2769 |
| HIGH-FREQUENCY PARAMAGNETIC-RESONANCE STUDIES OF TRIVALENT OXYPROSIUM IN CALCIUM FLUORIDE | AFOSR67-1009 |
| THE S-WAVE PROJECT FOR FOCAL MECHANISM STUDIES EARTHQUAKES OF 1963 | AFCL67-0086 |
| LINE INTENSITY AND PRESSURE BROADENING STUDIES IN HYDROGEN FLUORIDE-AND OTHER PROBLEMS IN INFRARED SPECTROSCOPY FINAL | AFCL67-0612 |
| SEMICONDUCTOR HETEROJUNCTION STRUCTURE STUDIES | AFCL68-0340 |
| SEMICONDUCTOR HETEROJUNCTION STRUCTURE STUDIES FINAL REPORT SEPT 1968 | AFCL68-0530 |
| THE S WAVE PROJECT FOR FOCAL MECHANISM STUDIES FINAL REPORT MARCH 1968 | AFOSR67-0301 |
| BRAIN STEM STIMULATION AND ETHNOLOGICAL STUDIES ON RIRDS FINAL REPORT FEB 1967 | AFOSR67-1099 |
| BRAIN STEM STIMULATION AND ETHNOLOGICAL STUDIES ON RIRDS FINAL REPORT JAN 1968 | AFOSR68-2390 |
| HALOMETHYL-METAL COMPOUNDS THE FURTHER STUDIES OF THE ARYL /BROMOCHLOROETHYL/ MERCURY-OLEFIN REACTION | AFOSR68-2805 |
| THE DISASTER RESEARCH CENTER SIMULATION STUDIES OF UNDER STRESS FINAL REPORT FEB 1967 | AFOSR68-0751 |
| CIS-TRANS ISOMERIZATION AND PULSED LASER STUDIES OF SUBSTITUTED INDIGO DYES | AFOSR68-0659 |
| CONTINUATION OF BASIC RESEARCH IN CRUSTAL STUDIES FINAL REPORT JULY 1967 | AFOSR67-1541 |
| NEUROPHYSIOLOGICAL AND NEUROPHARMACOLOGICAL STUDIES OF CORTICAL EVOKED RESPONSES FINAL REPORT JUNE 1966 | AFOSR67-0599 |
| THE USE OF CONTENT ANALYSIS FOR EXPLANATORY STUDIES | AFOSR67-2096 |
| USE OF A SUPERF H ₂ SUPERS H ₂ A IN POLARIZATION STUDIES | AFOSR67-0534 |
| A FAST OPTICAL PARENKOV SYSTEM FOR DIRECTIONAL STUDIES OF POSSIBLE GAMMA-RAY SOURCES | AFOSR68-2725 |
| GAS CHROMATOGRAPHY AND NUCLEAR MAGNETIC RESONANCE STUDIES OF SOME METAL CHELATES | ARL 67-1121 |
| MEGACYCLE AND KILOMEGACYCLE ULTRASONIC ATTENUATION STUDIES IN METALS FINAL REPORT MARCH 1968 | AFOSR68-0739 |
| STRUCTURE OF DIMETHYLGOLD/III/ COMPOUNDS SPECTROSCOPIC STUDIES ON THE AQUO ION AND SEVERAL COORDINATION COMPOUNDS | AFOSR67-0481 |
| SITE SELECTION FOR A SEISMIC ARRAY STATION AND CRUSTAL STUDIES IN NORWAY 1965 FINAL REPORT FEB 1967 | AFOSR67-1370 |
| MAGNETIC ELECTRON SPIN RESONANCE OPTICAL AND STRUCTURAL STUDIES OF THE ISOMORPHOUS SERIES SODIUM SCANDIUM-IRON | AFOSR68-1677 |
| THE ANALYSIS OF EXPERIMENTAL DATA OBTAINED FROM STABILITY STUDIES ON ELASTIC COLUMN AND PLATE STRUCTURES | AFOSR67-1259 |
| A MODIFIED TIME-OF-FLIGHT MASS SPECTROMETER FOR HIGH PRESSURE STUDIES OF IONIC REACTIONS | ARL 67-1131 |
| APPLICATION OF A TEMPERATURE-OSCILLATION METHOD TO THERMOMAGNETIC STUDIES OF MAGNETIC PHENOMENA AT LOW TEMPERATURES | AFOSR68-1014 |
| NUCLEAR MAGNETIC RESONANCE STUDIES OF 3-ACETYLATED-D- CAMPHORATO COBALT III STUDIES | ARL 68-1179 |
| ELECTRICAL MEASUREMENTS AND NUCLEAR ACTIVATION TECHNIQUES FOR RADIATION DAMAGE STUDIES AND IMPURITY ANALYSIS IN | AFCL67-0596 |
| DIETARY PHOSPHINE COMPLEXES OF NICKEL SPECTRAL MAGNETIC AND PROTON RESONANCE STUDIES A PLANAR-TETRAHEDRAL | AFOSR67-0936 |
| DETERMINATION OF RATES OF RACEMIZATION OF ALUMINUM BETA-DIKETONATE COMPLEXES BY NMR STUDIES OF RACEMIC MIXTURES | ARL 67-1261 |
| IONIC PROCESSES IN CYCLOHEXANE- IMPLICATIONS OF MASS SPECTROMETRIC DATA FOR RADIOLYSIS STUDIES | ARL 68-1235 |
| DEVELOPMENT OF A HIGH PRESSURE TIME-OF-FLIGHT MASS SPECTROMETER FOR IONMOLECULE REACTION STUDIES | ARL 67-1107 |
| AREA OFFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME VIII-SUPPORTING STUDIES ON TECHNOLOGY AND AND | ORA 67-0011 |
| DIETARY PHOSPHINE COMPLEXES OF COBALT SPECTRAL MAGNETIC AND ELECTRON PARAMAGNETIC RESONANCE STUDIES | AFOSR67-2796 |
| ABSOLUTE DETERMINATION OF FLOW PARAMETERS IN A LOW DENSITY HYPERSONIC TUNNEL. PART I ELECTRON BEAM STUDIES OF | ARL 68-1114 |
| A GENERAL FORMULATION AND SOLUTION OF CHEMICAL RATE EQUATIONS FOR USE IN NON-EQUILIBRIUM COMBUSTION STUDIES | AFOSR67-2021 |
| CRYSTAL GROWTH OF ALPHA FERRIC OXIDE AND GALLIUM DOPED FERRIC OXIDE BY THE FLUX METHOD AND SEGREGATION STUDIES OF IRON | AFOSR67-0353 |
| A REVIEW OF THE APPLICABILITY OF THE SOUTHWELL PLOT TO THE INTERPRETATION OF TEST DATA OBTAINED FROM STABILITY STUDIES | AFOSR67-1441 |
| STUDIO | |
| A DIGITAL COMPUTER FOR THE ELECTRONIC MUSIC STUDIO | AFOSR68-0776 |
| STUDYING | |
| A RESONATOR TECHNIQUE FOR STUDYING DISPERSION IN LONGITUUDINALLY MAGNETIZED PLASMA GUIDES | AFOSR67-0827 |
| USE OF ULTRASONIC INTERFEROMETRY TECHNIQUE FOR STUDYING ELASTIC PROPERTIES OF ROCKS | AFOSR68-1514 |
| STURM-LIOUVILLE | |
| A NOTE ON FAMILIES OF SINGULAR STURM-LIOUVILLE SYSTEMS | AFOSR67-0838 |
| STYLES | |
| SOME EFFECTS OF COMBINING CLOSE PUNITIVE AND SUPPORTIVE STYLES OF SUPERVISION FINAL REPORT JUNE 1968 | AFOSR68-0317 |
| STYRENE | |
| POLYMERIZATION OF STYRENE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM VANADIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS | AFOSR67-2643 |
| SUB-AUDIO | |
| STUDY OF SUB-AUDIO GERMAGNETIC FLUCTUATIONS FINAL REPORT FEB 1967 | AFCL67-0063 |
| SUB-FREEZING | |
| REFRACTOMETER ADSORPTION IN TRANSIENTS AND AT SUB-FREEZING TEMPERATURES FINAL REPORT JUNE 1968 | AFCL68-0413 |
| SUR-MILLIMETER | |
| SUR-MILLIMETER WAVE GENERATION AND SPECTROSCOPY FINAL REPORT JUNE 1968 | AFOSR68-2200 |

| | |
|---|--------------|
| SUB-OPTIMAL | |
| SUB-OPTIMAL CONTROL OF NON-LINEAR SINGLE INPUT SYSTEMS | AFOSR66-2348 |
| SUB-THREE | |
| A NEW BOND MODEL FOR THE VIBRATIONAL FORCE CONSTANTS OF NON-PLANAR XY SUB-THREE MOLECULES | AFOSR66-0188 |
| SUBACUTE | |
| SLEEP STUDY IN SUBACUTE SCLEROSING LEUCOENCEPHALITIS /RSRE/ /FIRST RESULTS/ | AFOSR66-2698 |
| SUBALGEBRA | |
| POWER-ASSOCIATIVE ALGEBRAS IN WHICH EVERY SUBALGEBRA IS AN IDEAL | AFOSR67-1240 |
| SUBALGEBRAS | |
| ON SUBALGEBRAS WHICH SURVIVE CONTRACTION | AFOSR66-0764 |
| SUBATMOSPHERIC | |
| PHOTOCHEMICAL IGNITION OF GASEOUS FUEL-OXIDIZER MIXTURES AT SUBATMOSPHERIC PRESSURES | AFOSR66-1833 |
| SUBATOMIC | |
| THE RELATIVISTIC POSITION OPERATOR AT SUBATOMIC LEVEL | AFOSR67-1774 |
| SUBCLASS | |
| ON A SUBCLASS OF THREE-DIMENSIONAL HARMONIC FUNCTIONS DEFINED BY THE BERGMAN-WHITTAKER OPERATOR | AFOSR66-2506 |
| SUBCORTICAL | |
| EFFECT OF INNOVATION ON SUBCORTICAL STRUCTURES IN MONKEYS | AFOSR67-2167 |
| HYPEROTONIC URFA ITS EFFECTS ON CORTICAL AND SUBCORTICAL EVOKED POTENTIALS IN CAT | AFOSR67-0722 |
| ELECTROENCEPHALOGRAPHIC CORRELATES OF LEARNING IN SUBCORTICAL AND CORTICAL STRUCTURES | AFOSR66-0314 |
| SUBENERGY | |
| NORMAL THRESHOLDS IN SUBENERGY VARIABLES | AFOSR67-0329 |
| SUBGROUP | |
| INHOMOGENEOUS COMPLETION OF NON-COMPACT SEMISIMPLE GROUPS WITH THE MAXIMAL COMPACT SUBGROUP AS LITTLE GROUP | AFOSR67-0473 |
| SUBHARMONIC | |
| ON SUBHARMONICITY OF DOUBLY SUBHARMONIC FUNCTIONS | AFOSR67-1335 |
| ON THE EXISTENCE OF NON-TANGENTIAL LIMITS OF SUBHARMONIC FUNCTIONS | AFOSR67-1355 |
| SUBJECT | |
| STUDIES IN PROBLEM SOLVING SUBJECT 3 ON THE CRYPT- ARITHMETIC TASK DONALD PLUS GERALD EQUALS ROBERT | AFOSR67-2149 |
| GAIN OPTIMIZATION FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM FLUCTUATIONS | AFOSR67-0489 |
| OPTIMUM SPATIAL PROCESSING IN A NOISY ENVIRONMENT FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM ERRORS | AFOSR67-0310 |
| SUBJECTED | |
| PARAMETRIC RESONANCE OF ONE-DIMENSIONAL STRUCTURES SUBJECTED TO PERIODIC IMPACTS | AFOSR66-0753 |
| APPROXIMATE ANALYTICAL SOLUTION FOR SATELLITE ORBITS SUBJECTED TO SMALL THRUST OR DRAG | AFOSR67-2288 |
| STRESS WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC HALF- SPACE SUBJECTED TO IMPULSIVE ELECTROMAGNETIC RADIATION | AFOSR67-2453 |
| NON-EXISTENCE OF SNAP-THROUGH FOR CLAMPED SHALLOW PLASTIC ARCHES SUBJECTED TO IMPULSIVE LOADING | AFOSR66-0770 |
| SUBJECTIVE | |
| SUBJECTIVE PROBABILITIES INFERRED FROM ESTIMATES AND BETS | AFOSR66-0362 |
| THE SUBJECTIVE RESPONSE TO THE THERMAL ENVIRONMENT | AFOSR66-1519 |
| SUBJECTS | |
| ELECTROD. PROBLEMS IN CENTRAL NERVOUS MONITORING IN PERFORMING SUBJECTS | AFOSR66-1653 |
| DISCRIMINATING AMONG STATES OF CONSCIOUSNESS BY EEG MEASUREMENTS A STUDY OF FOUR SUBJECTS | AFOSR66-0487 |
| SUBLATTICES | |
| CONCERNING THE UNIQUENESS OF A MOLECULAR FIELD SOLUTION FOR TWO MAGNETIC SUBLATTICES | AFOSR66-0593 |
| SUBLIMATION | |
| THE VAPOR PRESSURE VAPOR DIMERIZATION AND HEAT OF SUBLIMATION OF ALUMINUM FLUORIDE USING THE ENTRAINMENT METHOD | AFOSR66-1262 |
| VAPOR PRESSURES, HEATS OF VAPORIZATION, AND HEATS OF SUBLIMATION OF VOLATILE LANTHANIDE CHELATES | ARL 67-1120 |
| ISOTOPIC DIFFERENCES IN THE ZERO DEGREE K VOLUME AND SUBLIMATION ENERGIES OF SOLID NEON AND ARGON | AFOSR67-0489 |
| SUBMANIFOLDS | |
| IMPLICIT SUBMANIFOLDS | AFOSR66-2434 |
| SUMMATRICES | |
| PRINCIPAL SUMMATRICES 3 LINEAR INEQUALITIES | AFOSR66-1633 |
| PRINCIPAL SUMMATRICES II THE UPPER AND LOWER QUADRATIC INEQUALITIES | AFOSR66-1955 |
| PRINCIPAL SUMMATRICES V SOME RESULTS CONCERNING PRINCIPAL SUMMATRICES OF ARBITRARY MATRICES | AFOSR66-2246 |
| SUMMEXILLARY | |
| CENTRAL CONTROL OF NORADRENALINE CONTENT IN RAT PINEAL AND SUMMEXILLARY GLANDS | AFOSR67-1104 |
| SURMERGED | |
| DYNAMICS OF SURMERGED REINFORCED CYLINDRICAL SHELLS | AFOSR66-2241 |
| TRANSITION TO TURBULENCE FOR SURMERGED INCOMPRESSIBLE AND FREE COMPRESSIBLE FLUID JETS | AFOSR67-1894 |
| NATURE AND OPTIMISATION OF THE GROUND-LATERAL-WAVE EXCITED BY SURMERGED ANTENNAS | AFOSR67-1862 |
| SUBMICRON | |
| EVAPORATION OF SUBMICRON PLATINUM PARTICLES IN A SHOCK TUBE | ARL 66-0144 |

SUBMILLIMETER
SUBMILLIMETER RADIATION RESEARCH AND GENERATION WITH A RACETRACK MICROTRON FINAL REPORT DEC 1967
DETECTION OF SUBMILLIMETER WAVES BY HARMONIC MIXING AFOSR66-0114
AFOSR67-0402

SUBMILLIMETER-WAVE
MILLIMETER- AND SUBMILLIMETER-WAVE SPECTRA AND MOLECULAR CONSTANTS OF SILVER CHLORIDE AFOSR67-0380

SUBMINIATURP
NPN SUBMINIATURE AMPLIFIER-TRANSMITTERS FOR TELEMETERING BIOPOTENTIALS AFOSR67-1286

SUBMONOIDS
ON A QUESTION CONCERNING CERTAIN FREE SUBMONOIDS AFOSR68-0143

SUBOXIDES
SILICON SUBOXIDES ARL 68-1083
CLASSES OF SILICON SUBOXIDES ARL 67-1109
CLASSES OF SILICON SUBOXIDES ARL 67-1341
CLASSES OF SILICON SUBOXIDES ARL 68-1230

SUBP-METHOXYTOLUENE
AROMATIC OXIDATION BY ELECTRON TRANSFER I OXIDATIONS OF SUBP-METHOXYTOLUENE AFOSR67-0241

SUBP-NITROBENZYL
NEW PHOTOCHROMIC COMPOUNDS WITH SUBP-NITROBENZYL STRUCTURES AFOSR67-0246

SUBPROGRAM
A FORTRAN IV SUBPROGRAM FOR PLOTTING CURVES ON A CALCOMP 563 DIGITAL PLOTTER AFCL68-0319

SUBSCRIPT
LOWER CASE N SUBSCRIPT J MIXING IN ORIENTED A SUPERScript 2 P SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY COLLISIONS AFOSR68-1073
STRUCTURE AND GE-73 COUPLING OF THE GPM SUBSCRIPT 3 RADICAL AFOSR68-1950
THE SUPERCONDUCTING TRANSITION TEMPERATURE OF LANTHANUM SUBSCRIPT ONE MINUS X GADOLINIUM SUB X ALUMINUM SUB TWO AFOSR68-1966
LOWER CASE N SUBSCRIPT J MIXING IN ORIENTED A SUPERScript 2 P SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY COLLISIONS AFOSR68-1973
EXPERIMENTS ON THE P SUPERScript 3P STATE OF HELIUM I A MEASUREMENT OF THE E SUPERScript 3P SUBSCRIPT 1-2 SUPERScript AFOSR68-1984

SUBSERVING
MECHANISM SUBSERVING COLOR CODING IN THE VERTEBRATE RETINA FINAL REPORT DEC 1968 AFOSR67-0177
MECHANISMS SUBSERVING COLOR CODING IN THE VERTEBRATE RETINA FINAL REPORT MARCH 1968 AFOSR68-0907

SUBSET
ON THE PROPERTIES OF SUBSET SELECTION PROCEDURES ARL 68-0272

SUBSONIC
SUBSONIC OSCILLATORY OR STEADY AIRLOADS ON WINGS WITH CONTROL SURFACES AND OTHER DISCONTINUITIES AFOSR68-0419
A SUBSONIC D-REGION PROBE EXPERIMENT USING AN ULTRAVIOLET SOURCE TO PRODUCE IONS AND FREE ELECTRONS AFCL67-0050
A NOTE ON THE MIXING OF TWO PARALLEL SUBSONIC STREAMS ARL 68-0035

SUBSTITUENT
SUBSTITUENT EFFECTS ON FLUORINE-19 CHEMICAL SHIFTS IN SATURATED SYSTEMS AFOSR68-1591
SUBSTITUENT EFFECTS IN THE OXIDATIVE OF ORGANOSILANES BY OZONE ARL 68-0316

SUBSTITUTED
PHOSPHONIC ACIDS AND ESTERS XIX SYNTHESIS OF SUBSTITUTED PHENYL- AND ARYLPHOSPHONATES BY THE PHOTOINITIATED ARYLATION AFOSR68-0736
INFRARED SPECTRA AND STRUCTURE OF PHOSPHINE AND SUBSTITUTED PHOSPHINE COMPLEXES OF GALLIUM TRIHALIDES AFOSR68-1531
CIS-TRANS ISOMERIZATION AND PULSED LASER STUDIES OF SUBSTITUTED INDIGO DYES AFOSR68-0659
ELECTRONIC ABSORPTION SPECTRA OF ION PAIRS COMPOSED OF SUBSTITUTED ANINE PICRATES IN ACETONITRILE AFOSR68-1695
THE THERMAL DECOMPOSITION OF COPPER /II/ CHELATES OF N- SUBSTITUTED THIOPICOLINAMIDES AFOSR67-0234

SUBSTITUTION
SUBSTITUTION IN FAMILIES OF LANGUAGES AFCL68-0592
LIGAND SUBSTITUTION DYNAMICS AFOSR68-2675
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR II CONCOMITANT ELECTROPHILIC AND NUCLEOPHILIC CATALYSIS OF THE AFOSR67-0031
MECHANISMS OF SUBSTITUTION REACTIONS SULFINYL SULFUR SOLVOLYSIS OF ARYL SULFINYL SULFONES IN ACETIC ACID-WATER AFOSR67-0074
MECHANISMS OF SUBSTITUTION AT SULFINYL SULFUR III THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD AFOSR67-0117
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XVII RELATIONSHIPS AS INTERMEDIATES IN THE BASE-CATALYZED AFOSR67-0360
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXII RELATIONSHIPS AND POSITION OF PROTONATION OF ALLYLIC ANIONS AFOSR67-0429
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON XXII BEHAVIOR OF PHENYLALLYLIC ANIONS AND THEIR CONJUGATED ACIDS AFOSR67-0447
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR IV THE HYDROLYSIS OF SULFINYL SULFONES /SULFINIC ANHYDRIDES/ AFOSR67-2192
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR V HALIDE AND ACETATE ION CATALYSIS OF THE SOLVOLYSIS OF AFOSR68-0711
MECHANISMS OF ELECTROPHILIC SUBSTITUTION IN METALLOCEPES THE INSIDE-OUTSIDE RELATIONSHIP AFOSR68-0433
A CHEMICAL KINETIC STUDY OF SUBSTITUTION REACTIONS IN COORDINATION COMPOUNDS FINAL REPORT JUNE 1968 AFOSR68-1670
STATIC SU /6/ AND FUNDAMENTAL SUBSTITUTION AFOSR68-2749
ON THE THEORY OF BOOLEAN FORMULAS SUBSTITUTION REPLACEMENTS AND PRIME FORMULAS AFCL67-0541
A FAMILY OF CODES FOR THE CORRECTION OF SUBSTITUTION AND SYNCHRONIZATION ERRORS AFCL67-0591
ORIENTATION AND REACTIVITY IN FREE RADICAL AROMATIC SUBSTITUTION FINAL REPORT APRIL 1967 AFOSR67-1059
THE USES OF NUCLEAR MAGNETIC RESONANCE IN THE STUDY OF LIGAND SUBSTITUTION PROCESSES AFOSR67-2826
ELECTRONIC SPECTRA OF CESIUM SALTS OF CARRANIONS II SPECTROSCOPIC EFFECTS OF PHENYL SUBSTITUTION IN BENZYL ANIONS AFOSR68-1092

SUBSTORMS
CHANGES IN VAN ALLEN RADIATION ASSOCIATED WITH POLAR SUBSTORMS AFOSR68-1054

SUBSTRATES
DEPOSITION OF SILICON NITRIDE ON METAL-COATED SUBSTRATES AFOSR67-1567
INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES ARL 67-0004
INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES ARL 68-0066
INVESTIGATION OF HIGH-TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES FINAL REPORT NOVEMBER 1968 ARL 68-0212
CHOICE BETWEEN AUTOTROPHY AND HETEROTROPHY IN PSEUDONAS ORALATICUS GROWTH IN MIXED SUBSTRATES AFOSR68-2776

SUBSYSTEMS
THE CONTROL OF LEARNING IN SMALL SUBSYSTEMS OF A PROGRAMMED EDUCATIONAL SYSTEM AFOSR67-2722

| | |
|---|--------------|
| SURTALAMUS | |
| COMPARISON OF THE ROLES OF THE SURTALAMUS AND OF VARIOUS SUBCORTICOPHALLIC STRUCTURES IN THE MAINTENANCE OF | AFOSR67-0101 |
| SURTORNAMENTS | |
| ON THE PROBLEM OF RECONSTRUCTING A TOURNAMENT FROM SUBTOURNAMENTS | AFOSR67-0733 |
| SUBTRACTIONS | |
| SUBTRACTIONS IN DISPERSION RELATIONS | AFOSR67-2032 |
| SUBTYPES | |
| TWO SUBTYPES OF TYPE PI MICROFLUORESCENCES | AFOSR67-0880 |
| SUCCESSIVE | |
| SUCCESSIVE APPROXIMATION OF SOLUTIONS OF MOLODINSKY'S BASIC INTEGRAL EQUATION | AFOSR67-0806 |
| SUCRASE | |
| SUCRASE AND SUGAR TRANSPORT IN THE SMALL INTESTINE | AFOSR68-0694 |
| STUDIES ON INTESTINAL SUCRASE AND ON INTESTINAL SUGAR TRANSPORT V ISOLATION AND PROPERTIES OF SUCRASE-ISOMALTASE FROM | AFOSR68-0194 |
| STUDIES ON INTESTINAL SUCRASE AND INTESTINAL SUGAR TRANSPORT VI LIBERATION OF ALPHA-GLUCOSE BY SUCRASE AND ISOMALTASE | AFOSR68-0195 |
| SUCRASE-ISOMALTASE | |
| STUDIES ON INTESTINAL SUCRASE AND ON INTESTINAL SUGAR TRANSPORT V ISOLATION AND PROPERTIES OF SUCRASE-ISOMALTASE FROM | AFOSR68-0194 |
| SUCTION | |
| AN INVESTIGATION OF THE EFFECT OF SUCTION ON HYPERSONIC LAMINAR BOUNDARY-LAYER SEPARATION | ARL 68-0084 |
| ELIMINATION OF BOUNDARY-LAYER SEPARATION BY SLOT SUCTION | ARL 68-1116 |
| SUDDEN | |
| PLASMA RESPONSE TO THE SUDDEN APPLICATION OF AN ELECTRIC FIELD | AFOSR68-2399 |
| AURORAL-ZONE ELECTRON PRECIPITATION ACCOMPANYING A SUDDEN IMPULSE IN THE GEOMAGNETIC FIELD | AFOSR67-1389 |
| PEARL-TYPE MICROFLUORESCENCES ASSOCIATED WITH MAGNETIC STORM SUDDEN COMMENCEMENTS | AFOSR67-0249 |
| SUDOMOTOR | |
| SUDOMOTOR ACTIVITY AS AFFECTED BY THE THERMAL STATUS OF THE SKIN IN A WARM ENVIRONMENT | AFOSR68-2803 |
| SUFFICIENCY | |
| SUFFICIENCY PROOFS FOR THE PROBLEM OF THE OPTIMUM TRANSVERSAL CONTOUR | AFOSR67-1596 |
| SUFFICIENT | |
| NECESSARY AND SUFFICIENT CONDITION FOR A CONVEX SET TO BE CLOSED | AFOSR67-0781 |
| SUGAR | |
| SUCRASE AND SUGAR TRANSPORT IN THE SMALL INTESTINE | AFOSR68-0694 |
| A NONLINEAR MODEL FOR BLOOD SUGAR CONTROL IN THE HUMAN BODY | ARL 67-1031 |
| MATHEMATICAL MODEL FOR BLOOD SUGAR REGULATION | ARL 68-1265 |
| STUDIES ON INTESTINAL SUCRASE AND INTESTINAL SUGAR TRANSPORT VI LIBERATION OF ALPHA-GLUCOSE BY SUCRASE AND ISOMALTASE | AFOSR68-0195 |
| STUDIES ON INTESTINAL SUCRASE AND ON INTESTINAL SUGAR TRANSPORT V ISOLATION AND PROPERTIES OF SUCRASE-ISOMALTASE FROM | AFOSR68-0194 |
| SUGARS | |
| INTESTINAL DIGESTION AND ABSORPTION OF SUGARS AND PEPTIDES FINAL REPORT APRIL 1968 | AFOSR68-1398 |
| SUGGESTED | |
| ON THE SUGGESTED CEREBRAL DOMINANCE FOR CONSCIOUSNESS | AFOSR67-1430 |
| SUGGESTION | |
| A QUANTITATIVE STUDY OF PAIN AND ITS REDUCTION THROUGH HYPNOTIC SUGGESTION | AFOSR67-2212 |
| SPECIFIC MOTOR RESPONSE DURING SLEEP TO SLEEP-ADMINISTERED MEANINGFUL SUGGESTION AN EXPLORATORY INVESTIGATION | AFOSR67-1853 |
| SUITABLE | |
| A SOLID STATE POLARIMETER SUITABLE FOR ROCKET-BORNE IONOSPHERIC DIFFERENTIAL ABSORPTION MEASUREMENTS | AFOSR67-0373 |
| TWO WHISKER STRAINING DEVICES SUITABLE FOR LOW TEMPERATURES | AFOSR68-0913 |
| OSCILLATORS MODULATORS AND MIXERS SUITABLE FOR INTEGRATED CIRCUIT REALIZATION | AFOSR67-1178 |
| A QUASISTATIONARY TIME-VARIABLE SYNTHESIS SUITABLE FOR INTEGRATED CIRCUITS | AFOSR68-0887 |
| DETERMINATIONS OF STATE-VARIABLE EQUATIONS FOR ADMITTANCE DESCRIPTIONS SUITABLE FOR THE COMPUTER | AFOSR68-2893 |
| SULFATE | |
| CRYSTALLIZATION OF FERROUS AMMONIUM SULFATE ON A SEED IN MAGNETIC FIELDS UP TO KILOGERSTED | AFOSR67-1729 |
| THE EFFECTS OF HIGH MAGNETIC FIELDS ON THE ISOTHERMAL DISSOLUTION AND GROWTH RATES OF FERROUS AMMONIUM SULFATE | AFOSR67-2740 |
| SULFENATES | |
| THE THERMAL RACEMIZATION OF ALLYLIC SULFOXIDES AND THE INTERCONVERSION OF ALLYLIC SULFOXIDES AND SULFENATES MECHANISM | AFOSR68-2497 |
| SULFINIC | |
| MECHANISMS OF REACTIONS OF THIOL SULFINATES /SULFINIC ANHYDRIDES/ I THE THIOL SULFINATE-SULFINIC ACID REACTION | AFOSR67-2010 |
| SULFUR | |
| OPTICAL PROPERTIES OF ALPHA MANGANESE SULFIDE | AFOSR67-1753 |
| SULFIDE | |
| THE CADMIUM SULFIDE THIN FILM SOLAR CELL | ARL 67-1319 |
| THE CADMIUM SULFIDE THIN FILM SOLAR CELL | ARL 68-1412 |
| THIN FILM CADMIUM SULFIDE SOLAR CELLS | ARL 67-1293 |
| SPOT TEST DETECTION OF SULFIDE IN MINERALS | ARL 67-0096 |
| FABRICATION OF CADMIUM SULFIDE THIN FILM SOLAR CELLS FOR SPACE VEHICLE TESTING FINAL REPORT DEC 1967 | ARL 67-0202 |
| CONFORMANT FLUORESCENCE FROM ZINC SULFIDE EXCITED BY TWO-PHOTON ABSORPTION | AFOSR68-2116 |
| THE IRGGE EMISSION BANDS IN CADMIUM SULFIDE | ARL 68-0233 |

SULFIDE

- CONTINUED

DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE USE IN ENERGY CONVERSION WITH SOFT AND HARD X-RAY
 GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE
 GREEN EDGE EMISSION BANDS IN UNDOPED CADMIUM SULFIDE
 THE LOW TEMPERATURE SPECIFIC HEAT OF EUROPIUM SULFIDE IN A MAGNETIC FIELD
 GREEN EDGE EMISSION BANDS IN CHLORINE-DOPED CADMIUM SULFIDE
 EXCITON STRUCTURE AND MAGNETO-OPTICAL EFFECTS IN ZINC SULFIDE
 NUCLEAR SPIN-LATTICE RELAXATION IN SEMICONDUCTING CADMIUM SULFIDE
 MEASUREMENT OF THE EPR PARAMETERS OF COBALT IN CUBIC CADMIUM SULFIDE
 AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF CADMIUM SULFIDE SINGLE-CRYSTAL PLATELETS
 NUCLEAR SPIN-LATTICE RELAXATION IN SINGLE CRYSTALS OF CADMIUM SULFIDE
 PREPARATION AND STRUCTURE OF A TETRAMERIC CYCLOPENTADIENYLIRON SULFIDE
 EXPERIMENTS ON THE A C ELECTROLUMINESCENCE OF COPPER DOPED ZINC SULFIDE SINGLE CRYSTALS
 ANALYTICAL TECHNIQUES FOR THE DETERMINATION OF TRACE IMPURITIES IN CADMIUM SULFIDE FINAL REPORT JULY 1968
 ION-MOLECULAR REACTIONS OF PROHANE IONS WITH BENZENE, 1,3-BUTADIENE, HYDROGEN SULFIDE, AND NITRIC OXIDE
 A STUDY OF THE 4000- AND 800-Å LINES IN THE LOW-TEMPERATURE EMISSION OF CADMIUM SULFIDE
 ORGANOMETALLIC SULFUR COMPLEXES XII STRUCTURE OF A HEXAMERIC MERCAPTODICOBALT CARBONYL SULFIDE COMPLEX
 ORGANOMETALLIC SULFUR COMPLEXES VI THE MOLECULAR STRUCTURE A TRICYCLIC COMPLEX TRICOBALT ENNEACARBONYL SULFIDE
 DISPERSIVE AND NONDISPERSIVE X-RAY FLUORESCENCE METHODS FOR THE DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE AND

ARL 67-1243
 ARL 67-1244
 AFOSR67-0299
 AFOSR67-0294
 ARL 68-0300
 AFOSR67-1702
 ARL 68-1624
 ARL 67-1205
 ARL 67-0231
 ARL 68-0254
 AFOSR67-0723
 AFOSR67-0355
 ARL 68-0132
 ARL 68-0058
 ARL 68-1479
 AFOSR68-2431
 AFOSR67-1714
 ARL 68-1051

SULFIDES

ION RADICALS XII THE REACTIONS OF DIARYL SULFIDES AND SULFOXIDES BENZENE THIOL SULFONATE AND BENZENESULFINIC ACID IN
 THE FORMATION OF CATIONS AND CATION RADICALS FROM AROMATIC SULFIDES AND SULFOXIDES

AFOSR67-1636
 AFOSR67-2332

SULFINATES

THE ABSOLUTE CONFIGURATION OF SULFOXIDES AND SULFINATES

AFOSR68-2499

SULFINIC

THE MECHANISM OF THE DISPROPORTIONATION OF SULFINIC ACIDS RATE AND EQUILIBRIUM CONSTANTS FOR THE SULFINIC ACID-
 MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR IV THE HYDROLYSIS OF SULFINYL SULFONES /SULFINIC ANHYDRIDES/
 THE MECHANISM OF THE DISPROPORTIONATION OF SULFINIC ACIDS RATE AND EQUILIBRIUM CONSTANTS FOR THE SULFINIC ACID-

AFOSR67-0075
 AFOSR67-2192
 AFOSR67-0075

SULFINYL

MECHANISMS OF SUBSTITUTION AT SULFINYL SULFUR III THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD
 MECHANISMS OF SUBSTITUTION REACTIONS SULFINYL SULFUR SOLVOLYSIS OF ARYL SULFINYL SULFONES IN ACETIC ACID-WATER
 MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR II CONCOMITANT ELECTROPHILIC AND NUCLEOPHILIC CATALYSIS OF THE
 MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR IV THE HYDROLYSIS OF SULFINYL SULFONES /SULFINIC ANHYDRIDES/
 MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR V HALIDE AND ACETATE ION CATALYSIS OF THE SOLVOLYSIS OF
 THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD SULFINYL SULFUR THE NUCLEOPHILE-CATALYZED HYDROLYSIS
 MECHANISMS OF SUBSTITUTION REACTIONS SULFINYL SULFUR SOLVOLYSIS OF ARYL SULFINYL SULFONES IN ACETIC ACID-WATER
 MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR IV THE HYDROLYSIS OF SULFINYL SULFONES /SULFINIC ANHYDRIDES/

AFOSR67-0117
 AFOSR67-0074
 AFOSR67-0031
 AFOSR67-2192
 AFOSR68-0711
 AFOSR68-2049
 AFOSR67-0074
 AFOSR67-2192

SULFONPHENYLENES

ACID-BASE INDICATOR PROPERTIES OF SULFONPHENYLENES AND BENZENS IN ACETONITRILE

AFOSR67-0218

SULFONES

MECHANISMS OF SUBSTITUTION REACTIONS SULFINYL SULFUR SOLVOLYSIS OF ARYL SULFINYL SULFONES IN ACETIC ACID-WATER
 MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR IV THE HYDROLYSIS OF SULFINYL SULFONES /SULFINIC ANHYDRIDES/

AFOSR67-0074
 AFOSR67-2192

SULFONIUM

CHEMICAL SHIFT NONEQUIVALENCE OF DIASSTEREOTOPIC GROUPS IN SULFONIUM SALTS

AFOSR67-1574

SULFOXIDE

ELECTROCHEMISTRY IN DIMETHYL SULFOXIDE
 THERMAL RACEMIZATION OF BENZYL P-TOLYL SULFOXIDE AND THERMAL REARRANGEMENT OF BENZYL P-TOLYLSULFONATE
 THE ABSOLUTE CONFIGURATION OF METHYL ALLYL SULFOXIDE STEREOCHEMISTRY OF THE GRIGNARD SYNTHESIS OF OPTICALLY ACTIVE

AFOSR67-0331
 AFOSR68-2408
 AFOSR67-0680

SULFOXIDES

ON THE STEREOISOMERIZATION OF SULFOXIDES
 RACEMIZATION AND CLEAVAGE OF SULFOXIDES BY METHYLLITHIUM
 THE ABSOLUTE CONFIGURATION OF SULFOXIDES AND SULFINATES
 THE THERMAL RACEMIZATION OF ALLYLIC SULFOXIDES AND THE INTERCONVERSION OF ALLYLIC SULFOXIDES AND SULFONATES MECHANISM
 DIRECT CONFIGURATIONAL CORRELATION OF SULFOXIDES AND PHOSPHINE OXIDES BY INTERSYSTEM MATCHING OF COTTON EFFECTS
 ION RADICALS XII THE REACTIONS OF DIARYL SULFIDES AND SULFOXIDES BENZENE THIOL SULFONATE AND BENZENESULFINIC ACID IN
 THERMAL RACEMIZATION OF DIARYL ALKYL ARYL AND DIARYL SULFOXIDES BY PYRAMIDAL INVERSION
 THE EFFECT OF RING SIZE ON THE RATE OF PYROLYSIS OF CYCLOALKYL PHENYL SULFOXIDES
 ABSOLUTE CONFIGURATION AND OPTICAL ROTATORY DISPERSION OF METHYL ALKYL SULFOXIDES
 THE FORMATION OF CATIONS AND CATION RADICALS FROM AROMATIC SULFIDES AND SULFOXIDES
 THE THERMAL RACEMIZATION OF ALLYLIC SULFOXIDES AND THE INTERCONVERSION OF ALLYLIC SULFOXIDES AND SULFONATES MECHANISM
 MECHANISMS OF PHOTOCHEMICAL REACTIONS IN SOLUTION LV NAPHTHALENE-SENSITIZED PHOTORACEMIZATION OF SULFOXIDES

AFOSR68-0408
 AFOSR67-2424
 AFOSR68-2499
 AFOSR68-2497
 AFOSR68-2333
 AFOSR67-1634
 AFOSR68-2490
 AFOSR67-1614
 AFOSR68-1720
 AFOSR67-2332
 AFOSR68-2497
 AFOSR68-1904

SULFUR

ORGANOMETALLIC SULFUR COMPLEXES VI THE MOLECULAR STRUCTURE A TRICYCLIC COMPLEX TRICOBALT ENNEACARBONYL SULFIDE
 ORGANOMETALLIC SULFUR COMPLEXES IX STRUCTURE OF A HEXANUCLEAR COBALT CARBONYL SULFUR COMPLEX CONTAINING A
 ORGANOMETALLIC SULFUR COMPLEXES VIII THE MOLECULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGED DIMERIC COMPLEX OF MOLYBDENUM
 ORGANOMETALLIC SULFUR COMPLEXES XII STRUCTURE OF A HEXAMERIC MERCAPTODICOBALT CARBONYL SULFIDE COMPLEX
 ORGANOMETALLIC SULFUR COMPLEXES X STRUCTURAL AND BONDING CHARACTERIZATION OF A TRIMERIC MERCAPTODICOBALT CARBONYL
 ORGANOMETALLIC SULFUR COMPLEXES XI PREPARATION AND STRUCTURE OF A PENTAMERIC MERCAPTODICOBALT CARBONYL COMPLEX
 SIMPLE METHOD FOR MAKING SULFUR TARGETS
 ION RADICALS FROM ORGANIC SULFUR SELENIUM TELLURIUM AND PHOSPHORUS COMPOUNDS FINAL REPORT FEB 1968
 NUCLEOPHILIC DISPLACEMENTS AT SULFUR III THE EXCHANGE OF OXYGEN-18 BETWEEN SODIUM THIOSULFATE-O-18 AND WATER
 FLUORESCENCE AND PHOSPHORESCENCE OF SULFUR DIOXIDE VAPOR
 MECHANISMS OF SUBSTITUTION AT SULFINYL SULFUR III THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD
 COMPLETE PHOTON AND NATURALLY OCCURRING SULFUR ISOTOPE SUPER 335 HYPERFINE SPLITTINGS IN THE THIANTHRENE CATION
 AN INVESTIGATION OF METHODS OF PRODUCING SULFUR TRIOXIDE IN JET EXHAUSTS THROUGH ADDITION OF FUEL ADDITIVES TO JPA
 OXIDATION-REDUCTION REACTIONS OF ORGANIC SULFUR COMPOUNDS FINAL REPORT JAN 1967
 MECHANISMS OF SUBSTITUTION REACTIONS SULFINYL SULFUR SOLVOLYSIS OF ARYL SULFINYL SULFONES IN ACETIC ACID-WATER
 MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR II CONCOMITANT ELECTROPHILIC AND NUCLEOPHILIC CATALYSIS OF THE
 MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR IV THE HYDROLYSIS OF SULFINYL SULFONES /SULFINIC ANHYDRIDES/
 MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR V HALIDE AND ACETATE ION CATALYSIS OF THE SOLVOLYSIS OF
 CRYSTAL STRUCTURE OF A 1:1 MIXTURE OF TWO IRON CARBONYL SULFUR COMPLEXES
 TRANSITION-METAL COMPLEXES CONTAINING NITROGEN PHOSPHORUS OR SULFUR
 THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD SULFINYL SULFUR THE NUCLEOPHILE-CATALYZED HYDROLYSIS
 ORGANOMETALLIC SULFUR COMPLEXES IX STRUCTURE OF A HEXANUCLEAR COBALT CARBONYL SULFUR COMPLEX CONTAINING A

AFOSR67-1714
 AFOSR67-2191
 AFOSR67-2210
 AFOSR68-2431
 AFOSR68-2461
 AFOSR68-2735
 ARL 67-0024
 AFOSR68-0302
 AFOSR67-2314
 AFOSR68-2869
 AFOSR67-0117
 AFOSR68-1312
 AFOSR68-0257
 AFOSR67-0247
 AFOSR67-0074
 AFOSR67-0031
 AFOSR67-2192
 AFOSR68-0711
 AFOSR67-0727
 AFOSR68-0343
 AFOSR68-2068
 AFOSR67-2191

SULFUR-BRIDGED
 OHSANOMETALLIC SULFUR COMPLEXES VIII THE MOLECULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGED DINERIC COMPLEX OF MOLYBDENUM AFOSR67-2710

SULFURIC
 ION RADICALS XI THE REACTIONS OF THIOXANTHENE AND THIOXANTHENE 10-OXIDE IN SULFURIC ACID AFOSR67-0022
 KINETICS OF OSMIUM-CATALYZED REACTION BETWEEN CERIUM(IV) AND ARSENIC(III) IN SULFURIC ACID MEDIUM AFOSR68-0366
 CATIONS AND OXY CATIONS OF IODINE III THE I AND LOWER OXIDATION STATES OF IODINE IN SULFURIC ACID AFOSR67-0846

SULPHATE
 MESOSUBA ASSOCIATION AND SULPHATE CHELATION A SOLVENT NMR STUDY AFOSR67-0726
 THE CRYSTAL STRUCTURE OF BASIC ZIRCONIUM SULPHATE TETRAHYDRATE AFOSR67-1309

SULPHIDE
 FIELD EMISSION FROM CADMIUM SULPHIDE AFOSR67-0317
 STUDY OF TRAPPING PROPERTIES AND IN EXITATION OF ZINC SULPHIDE ARL 67-1098
 STUDY OF TRAPPING PROPERTIES AND IR SYMMILABILITY OF ZINC SULPHIDE ARL 67-0277
 ACUSTOELECTRIC OSCILLATIONS CURRENT SATURATION AND ELECTRON DRIFT MOBILITY IN CADMIUM SULPHIDE CRYSTALS AFCL67-0286

SULPHINAMIDES
 THE SYNTHESIS OF OPTICALLY ACTIVE SULPHOXIDES FROM SULPHINAMIDES AFOSR68-1469

SULPHOXIDES
 THE SYNTHESIS OF OPTICALLY ACTIVE SULPHOXIDES FROM SULPHINAMIDES AFOSR68-1469

SULPHUR
 RESEARCH ACTIVITIES AT THE SULPHUR GROVE OBSERVATORY, 1965-1967 ARL 67-1098

SULPHUR-32
 OPTICAL-MOORE ANALYSIS OF THE SULPHUR-32-ALPHA ALPHA SULPHUR-32 ELASTIC SCATTERING FROM 10.0 TO 17.6 MEV AFOSR68-1702

SUMMABILITY
 TOPOLOGY OF SUMMABILITY SETS AFOSR67-2322

SUMMARIZATION
 A SUMMARIZATION OF TECHNICAL AND SCIENTIFIC REPORTS ISSUED BY THE ATMOSPHERE RESEARCH LABORATORY - PAPERS PRESENTED AFCL67-0466

SUMMARIZING
 RESEARCH IN ELECTROMAGNETIC RADIATION AND ANTENNAS A SUMMARIZING REVIEW FINAL REPORT DEC 1967 AFCL67-0667

SUMMARY
 SUMMARY OF PUBLISHED MEASUREMENTS FROM THE ATOMIC BEAR GROUP AT THE UNIVERSITY OF CALIFORNIA FROM APRIL 1962 TO MAY AFOSR67-0661
 A STATISTICAL SUMMARY OF SOLAR FLARE REPORTS AND OBSERVATORY PRACTICES FOR THE PERIOD 1963 - 1964 AFCL67-0108
 AUDITORY COMMUNICATION /SUMMARY/ AFOSR67-2436
 RESEARCH IN NUCLEAR ACOUSTIC RESONANCE A SUMMARY AFOSR68-1846

SUMMATION
 DISPLACEMENT AND THE SUMMATION OF FRUSTRATION AFOSR67-1684

SUMMER
 SUMMER INSTITUTE IN SYSTEMATICS 1967 - TRANSCRIPT OF LECTURES SUMMER INSTITUTE IN SYSTEMATICS WORKING CONFERENCE 25 AFOSR68-1345
 LIFE-CYCLE OF A SUMMER STORM FROM RADAR RECORDS AFCL68-0305
 CONVECTIVE OVERTURNING AND SUMMER STORMS AFCL68-0183
 OFFICER TRAINING IN TRANSITION A PARTICIPANT-OBSERVER STUDY OF AN AIR FORCE ROTC SUMMER FIELD TRAINING UNIT AFOSR68-1917
 A WORLD-WIDE INVESTIGATION OF THE MID-LATITUDE EVENING INCREASE OF THE F SUB O F SUB 2 IN THE SUMMER HEMISPHERE FINAL AFCL68-0098
 RADAR SPECTROGRAPHIC ESTIMATES OF IONIC COMPOSITION FROM 225 TO 1400 KILOMETERS FOR SOLAR MINIMUM WINTER AND SUMMER AFOSR67-0804

SUMMERTIME
 A STUDY OF MESOSCALE FEATURES OF SUMMERTIME MINIMUM WIND FIELDS IN THE LOWER STRATOSPHERE AFCL67-0601

SUMS
 ON LIMITS OF RIEMANN SUMS AND THE RANGE OF INTEGRALS AFOSR68-1026
 ON THE OSCILLATION OF SUMS OF RANDOM VARIABLES AFOSR67-1015
 CONVERGENCE RATES FOR WEIGHTED SUMS OF RANDOM VARIABLES FINAL REPORT APRIL 1968 AFOSR68-1072
 AN ALGEBRAIC TREATMENT OF FLUCTUATIONS OF SUMS OF RANDOM VARIABLES AFOSR68-1642
 COMPLEX ANGULAR MOMENTUM AND INFINITE HELICITY SUMS AFOSR68-0779
 INEQUALITIES COMPLEMENTARY TO CAUCHY'S INEQUALITY FOR SUMS OF REAL NUMBERS AFOSR68-0181
 SOME RESULTS GIVING RATES OF CONVERGENCE IN THE LAW OF LARGE NUMBERS FOR WEIGHTED SUMS OF INDEPENDENT RANDOM VARIABLES AFOSR67-0942

SUNSPOT
 SUNSPOT MOTION STATISTICS AFCL68-0635
 ON THE ROTATIONAL TEMPERATURE OF A SUNSPOT AFOSR67-1184
 CLASSIFICATION OF SOLAR PROMINENCES FOR SUNSPOT CYCLE NO 19 - 1964 AFCL67-0035
 CLASSIFICATION OF SOLAR PROMINENCES FOR SUNSPOT CYCLE NO 19 /1955-1964/ - SUMMARY AFCL67-0209
 RESEARCHES IN THE FIELD OF SOLAR RADIO NOISE AS WELL AS OPTICAL SUNSPOT PHENOMENA FINAL REPORT APR 1967 AFCL67-0508

SUNSPOTS
 SUNSPOTS AND MAGNETOHYDRODYNAMIC FLOWS AFCL68-0476
 ON THE K-LINE OF CA II IN SUNSPOTS AFCL68-0201
 ON THE K-LINE OF CA II IN SUNSPOTS AFCL68-0203
 THE VELOCITY FIELD SURROUNDING SUNSPOTS AS DERIVED FROM OBSERVATIONS OF HA AFCL68-0202

SUPER
 AN N2 SUPER - RECOGNIZER FOR CONTEXT FREE GRAMMARS AFOSR67-2714
 LONG-RANGE 31P SUPER IN SPIN-SPIN COUPLINGS IN BENZYL AND TOLYL PHOSPHORUS COMPOUNDS AFOSR67-2373
 ZERO SOUND IN H2 SUPER 3 IN A MAGNETIC FIELD AFCL68-0169
 TRIMETHYLENEMETHANE SUPER 1 AFOSR68-2905
 A DECOMPOSITION FOR L SUPER ONE-BOUNDED MARTINGALES AFOSR68-0968
 GROUND STATE PARITY OF SUPER 227 AC ARL 68-0308
 CORRECTIONS OF ORDER 1/N SUPER 2 TO CAPTURE AFOSR67-0914

SUPERCONDUCTORS - CONTINUED

| | |
|---|--------------|
| PROPERTIES OF AN ABRIKOSOV FLUID IN TYPE-II SUPERCONDUCTORS | AFOSR66-1840 |
| ANOMALOUS SCATTERING BY MAGNETIC IMPURITIES IN SUPERCONDUCTORS | AFOSR67-1056 |
| FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II SUPERCONDUCTORS II PURE LIMIT | AFOSR67-2467 |
| FLUCTUATIONS OF THE ORDER PARAMETER IN TYPE-II SUPERCONDUCTORS I DIRTY LIMIT | AFOSR67-2488 |
| GALVANOMAGNETIC AND RELATED EFFECTS IN TYPE-II SUPERCONDUCTORS | AFOSR67-2748 |
| QUANTUM THEORY OF SUPERFLUID VORTICES II TYPE-II SUPERCONDUCTORS | AFOSR68-0440 |
| THE FORMATION OF THE MACROVORTICE STRUCTURE IN HARD SUPERCONDUCTORS | AFOSR67-2250 |
| IMPURITY DEPENDENCE OF THE CRITICAL FIELD IN ANISOTROPIC SUPERCONDUCTORS | AFOSR67-0701 |
| ANISOTROPY IN TUNNELING DENSITY OF STATES IN PURE TYPE-II SUPERCONDUCTORS | AFOSR67-1742 |
| EFFECT OF PAULI PARAMAGNETISM ON MAGNETIC PROPERTIES OF HIGH-FIELD SUPERCONDUCTORS | AFOSR67-0040 |
| USE OF POINT CONTACTS TO OBTAIN DIRECT EVIDENCE OF FLUX MOTION IN SUPERCONDUCTORS | AFOSR67-1770 |
| TONKASH EFFECT AS A PROBE OF THE DISPERSION RELATION OF ELECTRONS IN GAPLESS SUPERCONDUCTORS | AFOSR67-0039 |
| SUPERCONVERGENCE | |
| SUPERCONVERGENCE AND CURRENT ALGEBRA | AFOSR68-0844 |
| SUPERCONVERGENCE SUM RULES IN NUCLEON-NUCLEON SCATTERING | AFOSR68-0566 |
| SUPERCONVERGENCE AND CURRENT ALGEBRA FOR A SPIN ONE HALF TARGET | AFOSR68-1240 |
| CONSPIRACY AND SUPERCONVERGENCE IN PION-PIOTON PRODUCTION | AFOSR67-2699 |
| SOME REMARKS ON SUPERCONVERGENCE RELATIONS | AFOSR68-0271 |
| SOME CONSPIRACY AND SUPERCONVERGENCE PROPERTIES OF SCATTERING AMPLITUDES IN THE HELICITY FORMALISM | AFOSR68-1140 |
| ALGEBRAIC STRUCTURE OF SUPERCONVERGENCE RELATIONS | AFOSR67-2456 |
| PERTURBATIVE APPROACH TO SUPERCONVERGENCE RELATIONS AND CURRENT ALGEBRA | AFOSR68-2215 |
| THE RESONANCE APPROXIMATION IN SUPERCONVERGENCE RELATIONS | AFOSR67-1642 |
| LOW-ENERGY THEOREMS DISPERSION RELATIONS AND SUPERCONVERGENCE SUM RULES FOR COMPTON SCATTERING | AFOSR68-1261 |
| RECIPROCAL BOOTSTRAP OF THE VECTOR AND TENSOR TRAJECTORIES FROM SUPERCONVERGENCE | AFOSR68-2548 |
| SUPERCONVERGENT | |
| SUPERCONVERGENT AMPLITUDES IN NUCLEON COMPTON SCATTERING | AFOSR68-0278 |
| SUPERCONVERGENT AMPLITUDES AND REPRESENTATIONS OF $SL(2, \mathbb{R})$ | AFOSR68-1213 |
| UVA 6/ AND SUPERCONVERGENT SUM RULES FOR MESON-BARYON SCATTERING | AFOSR67-1704 |
| SUPER-AUTOTONIZING | |
| NEW INVESTIGATION OF THE SUPER-5 SUPER-AUTOTONIZING STATES OF HE AND H | AFOSR67-0199 |
| SUPERENERGY | |
| GRAVITATIONAL SUPERENERGY AS A GENERATOR OF CANONICAL TRANSFORMATION | AFOSR68-0447 |
| SUPERFLUID | |
| SUPERFLUID FLOW TRANSITIONS IN ROTATING NARROW ANNULI | AFOSR68-1317 |
| LOW-LYING SUPERFLUID STATES IN A ROTATING ANNULUS | AFOSR67-0917 |
| STABILITY OF SUPERFLUID FLOW IN AN ANNULUS | AFOSR67-0010 |
| THRESHOLD FOR SUPERFLUID VORTEX LINES IN A ROTATING ANNULUS | AFOSR67-2569 |
| QUANTUM THEORY OF SUPERFLUID VORTICES I LIQUID HELIUM II | AFOSR67-2821 |
| QUANTUM THEORY OF SUPERFLUID VORTICES II TYPE-II SUPERCONDUCTORS | AFOSR68-0440 |
| RESEARCH ON VORTICITY IN SUPERFLUID HELIUM FINAL REPORT DEC 1966 | AFOSR67-0307 |
| ALTERNATING CURRENT JOSEPHSON EFFECT IN SUPERFLUID HELIUM | AFOSR67-1772 |
| PVT RELATIONS IN SOLID HELIUM - THREE / HELIUM - FOUR / MEASUREMENTS WITH SUPERFLUID HELIUM FINAL REPORT JUNE 1967 | AFOSR68-0158 |
| SUPERFLUIDITY | |
| QUANTIZED VORTICES IN AN IMPERFECT BOSE GAS AND THE BREAKDOWN OF SUPERFLUIDITY IN LIQUID HELIUM II | AFOSR68-0070 |
| SUPERIMPOSED | |
| INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES FINAL REPORT FEB 1967 PART II | AFOSR67-0171 |
| INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES FINAL REPORT MAR 1968 | AFOSR68-0211 |
| SUPERIOR | |
| LONG RANGE RECORDING OF LAKE SUPERIOR 1960 SHOT POINTS FINAL REPORT JAN 1968 | AFOSR68-1508 |
| SUPERMULTIPLY | |
| SOME OBSERVATIONS CONCERNING THE SUPERMULTIPLY OF NEGATIVE -PARITY EXCITED STATES IN THE ALPHA PARTICLE | AFOSR67-0572 |
| SUPERMULTIPLIES | |
| PROPERTIES OF THE 1/4-DIMENSIONAL SU(4) SUPERMULTIPLIES OF NEGATIVE-PARITY EXCITATIONS OF OXYGEN 16 USING REALISTIC | AFOSR67-2691 |
| SUPERNOVA | |
| NUCLEAR GAMMA RAYS FROM SUPERNOVA REMNANTS | AFOSR67-1095 |
| SEARCH FOR GAMMA RADIATION FROM SUPERNOVA REMNANTS FINAL REPORT JAN 1967 | AFOSR67-0410 |
| DISCUSSION OF OBSERVATIONS OF QUASI-STELLAR RADIO SOURCES RADIO GALAXIES AND SUPERNOVA REMNANTS | AFOSR68-1751 |
| SUPERNOVAE | |
| SUPERNOVAE AND INTERSTELLAR GAS DYNAMICS | AFOSR68-2017 |
| SUPERPARAMAGNETIC | |
| SUPERPARAMAGNETIC BEHAVIOR OF SOLIDS AT LIQUID HELIUM TEMPERATURES FINAL REPORT FEB 1967 | AFOSR67-2002 |
| SUPERPARAMAGNETIC MAGNETOPHOSPHATE PRECIPITATES FROM DILUTE SOLUTIONS OF IRON IN MAGNESIUM OXIDE | AFOSR67-2756 |
| SUPERSCRIPIT | |
| EXPERIMENTS ON THE 2 SUPERSCRIPIT 3P STATE OF HELIUM I A MEASUREMENT OF THE 2 SUPERSCRIPIT 3P SUBSCRIPT 1-2 SUPERSCRIPIT | AFOSR68-1844 |
| LOWER CASE M SUBSCRIPT J MIXING IN ORIENTED 4 SUPERSCRIPIT 2 P SUBSCRIPT ONE HALF POTASSIUM ATOMS INDUCED BY COLLISIONS | AFOSR68-1073 |
| COLLISIONAL DEPOLARIZATION OF MAGNETICALLY ORIENTED 4 SUPERSCRIPIT 2P POTASSIUM ATOMS | AFOSR68-1843 |
| HYPERFINE STRUCTURE OF THE V EQUALS 0 J EQUALS 1 STATE IN AN SUPERSCRIPIT 8SP RB SUPERSCRIPIT 7F K SUPERSCRIPIT 3OF AND K | AFOSR68-2415 |
| EXPERIMENTS ON THE 2 SUPERSCRIPIT 3P STATE OF HELIUM I A MEASUREMENT OF THE 2 SUPERSCRIPIT 3P SUBSCRIPT 1-2 SUPERSCRIPIT | AFOSR68-1844 |
| HYPERFINE STRUCTURE OF THE V EQUALS 0 J EQUALS 1 STATE IN RB SUPERSCRIPIT 8SP RB SUPERSCRIPIT 7F K SUPERSCRIPIT 3OF AND K | AFOSR68-2415 |
| EXPERIMENTS ON THE 2 SUPERSCRIPIT 3P STATE OF HELIUM I A MEASUREMENT OF THE 2 SUPERSCRIPIT 3P SUBSCRIPT 1-2 SUPERSCRIPIT | AFOSR68-1844 |
| SUPERSEDING | |
| THE EFFECT OF SUPERSSEDING SIGNALS | AFOSR67-1407 |
| SUPERSELECTION | |
| CHANGE SUPERSELECTION RULE | AFOSR67-2831 |

SPECULATIONS ON PARTICLES SUPERSELECTION RULES AND COMPOSITES

AFOSR67-2243

SUPERSONIC

SUPERSONIC FLOW SEPARATION ON A BACKWARD FACING STEP
 SUPERSONIC SEPARATED FLOW DOWNSTREAM OF A BACKWARD FACING STEP
 SUPERSONIC BURNING AND COMBUSTION FINAL REPORT NOV 1967
 SUPERSONIC WIND-TUNNEL TESTS OF WAVY-WALLED CYLINDERS
 SUPERSONIC COMBUSTION SIMULATION
 SUPERSONIC COMBUSTION SIMULATION
 COLLIGUOUS SUPERSONIC COMBUSTION
 EXPLORATIONS OF SUPERSONIC SHEAR FLOW OVER A CAVITY
 DIFFUSIONAL-TYPE SUPERSONIC COMBUSTION AT LOW DENSITIES
 INTEGRAL THEORY FOR SUPERSONIC TURBULENT BAYE FLOWS
 BLUNT-TRAILING-EDGE SUPERSONIC COMPRESSOR
 DIFFUSION FLAMES AND SUPERSONIC COMBUSTION FINAL REPORT OCT 1966
 DIFFUSION FLAMES AND SUPERSONIC COMBUSTION FINAL REPORT OCT 1967
 LAMINAR SEPARATION IN SUPERSONIC AND HYPERSONIC FLOWS FINAL REPORT SEPT 1966
 THE SHOCK TUNNEL AS A SUPERSONIC COMBUSTION TEST FACILITY
 STUDIES OF HYDROGEN-AIR SUPERSONIC COMBUSTION AT LOW DENSITIES
 AN EXPERIMENTAL STUDY OF SUPERSONIC FLOW OVER A REARWARD FACING STEP
 A LIMITING CONDITION FOR SUPERSONIC INVISCID INTERACTION IN THE CORNER OF INTERSECTING WEDGES FINAL REPORT MAY 1968
 HEAT TRANSFER AND RELATED SUPERSONIC FLOW STRUCTURE FOR AERODYNAMIC REARWARD-FACING SURFACE STEPS
 EXPERIMENTAL TECHNIQUES FOR SUPERSONIC COMBUSTION RESEARCH IN A SHOCK TUNNEL
 INTRODUCTION TO LECTURES ON SUPERSONIC TURBOMACHINERY
 HEAT TRANSFER IN THE LAMINAR SUPERSONIC SEPARATED FLOW BEHIND AN AXISYMMETRICAL BACKWARD FACING STEP
 DEVELOPMENT OF A FACILITY FOR SUPERSONIC COMBUSTION SIMULATION
 ANALYSIS OF FLUID DYNAMICS OF SUPERSONIC COMBUSTION PROCESSES CONTROLLED BY MIXING
 INSULATED BOUNDARY LAYERS IN A SUPERSONIC MAGNETOHYDRAULIC CHANNEL
 THE FLOW FIELD IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO-DIMENSIONAL WEDGE-PLAT PLATE MODEL.
 FIRST ORDER FREQUENCY EFFECTS IN SUPERSONIC PANEL FLUTTER OF FINITE CYLINDRICAL SHELLS
 ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
 ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
 COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC FLUTTER OF CIRCULAR CYLINDRICAL SHELLS
 ON COMPARING THEORY AND EXPERIMENT FOR THE SUPERSONIC FLUTTER OF CIRCULAR CYLINDRICAL SHELLS
 A TUBE WIND TUNNEL FOR HIGH REYNOLDS NUMBER SUPERSONIC TESTING
 NONLINEAR OSCILLATIONS OF ELASTIC PANELS IN A SUPERSONIC NONVISCID AIRSTREAM
 APPLICATION OF BLUNT TRAILING EDGE GLADINGS TO SUPERSONIC COMPRESSOR STAGES FINAL REPORT MAY 1967
 A STATISTICAL MODEL OF THE TEMPERATURE FIELD AT SUPERSONIC AIRCRAFT ALTITUDES
 ON STRONG SMALL PERTURBATION SOLUTIONS FOR STEADY SUPERSONIC FLOWS OF INERT OR REACTING MIXTURES
 BOUNDARY LAYER TRANSITION ON CONES AND SPHERES AT SUPERSONIC SPEEDS-EFFECTS OF ROUGHNESS AND COOLING
 THEORY OF LAMINAR VISCID-INVISCID INTERACTIONS IN SUPERSONIC FLOW
 PENETRATION AND INTERACTION OF A TRANSVERSE JET AND A SUPERSONIC STREAM FINAL REPORT MAY 1968
 EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE SUPERSONIC COMPRESSOR ROTORS OF DIFFERENT BLADE THICKNESSES AND
 ROTOR PERFORMANCE OF THE 82-11 BLUNT TRAILING EDGE BLADE SUPERSONIC COMPRESSOR
 ON THE CALCULATION OF UNSTEADY NONLINEAR THREE-DIMENSIONAL SUPERSONIC FLOW PAST WINGS FINAL REPORT JAN 1968
 A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW
 A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW
 ATOMIZATION AND VAPORIZATION OF A LIQUID SHEET EXPOSED TO A SUPERSONIC AIRSTREAM
 HIGH SPEED CASCADE TESTING AND ITS APPLICATION TO AXIAL FLOW SUPERSONIC COMPRESSORS
 EXPERIMENTALLY DETERMINED SHOCK CONFIGURATIONS IN A HIGH-SOLIDITY SUPERSONIC ROTOR
 THE VELOCITY, PRESSURE AND TEMPERATURE DISTRIBUTION IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO DIMENSIONAL
 AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
 AN INTEGRAL METHOD FOR THE CALCULATION OF HEAT TRANSFER RATE IN LAMINAR SUPERSONIC SEPARATED FLOWS
 THE FLOW FIELD AND HEAT TRANSFER DOWNSTREAM OF A REARWARD FACING STEP IN SUPERSONIC FLOW FINAL REPORT MARCH 1967
 DISCUSSION ON A CHAMBER TO MEASURE ION NUMBER DENSITIES UNDER LOW PRESSURE AND SUPERSONIC SPEED
 LAMINAR BOUNDARY-LAYER SEPARATION AND NEAR-WAKE FLOW FOR A SMOOTH BLUNT BODY AT SUPERSONIC AND HYPERSONIC SPEEDS
 LAMINAR HEAT TRANSFER TO A TWO DIMENSIONAL BLUNT FLAT NOSE BODY IN TRANSONIC AND SUPERSONIC FLOW
 APPLICATION OF THE BLUNT TRAILING EDGE BLADE CONCEPT TO LOW MACH TIP RATIO TRANSONIC SUPERSONIC COMPRESSORS FINAL
 AN EXPERIMENTAL STUDY ON THE AEROELASTIC STABILITY OF THIN CYLINDRICAL SHELLS AT THE LOWER SUPERSONIC MACH NUMBERS
 RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II: GAP EFFECTS OF A BLUNT SLAR DELTA WING AT MODERATE SUPERSONIC

AFOSR67-0656
 AFOSR67-2592
 AFOSR68-0578
 ARL 67-0281
 ARL 67-1217
 ARL 67-1218
 ARL 68-1232
 ARL 67-0197
 ARL 67-1281
 AFOSR68-2429
 ARL 68-1306
 AFOSR67-0098
 AFOSR68-0066
 AFOSR67-0615
 AFOSR67-0847
 ARL 68-1350
 ARL 67-0031
 ARL 68-0099
 ARL 67-1270
 AFOSR68-1105
 ARL 67-1226
 ARL 68-0218
 ARL 67-0156
 ARL 68-1118
 AFOSR68-1536
 ARL 67-0005
 AFOSR67-2591
 ARL 67-0037
 ARL 67-0269
 AFOSR68-0239
 AFOSR67-0836
 ARL 68-0031
 AFOSR68-1861
 ARL 67-0120
 AFOSR67-0274
 AFOSR67-1032
 AFOSR67-2048
 AFOSR68-1569
 AFOSR68-1419
 ARL 68-1228
 ARL 68-0820
 AFOSR68-0517
 ARL 68-0215
 ARL 68-1335
 AFOSR68-1821
 ARL 68-1015
 ARL 68-1227
 ARL 68-0155
 ARL 68-0087
 ARL 68-0189
 ARL 67-0056
 AFOSR67-0199
 AFOSR67-2468
 ARL 68-0014
 ARL 68-0110
 ARL 67-0006
 AFOSR68-1036

SUPERVISION

SOME EFFECTS OF COMBINING CLOSE PUNITIVE AND SUPPORTIVE STYLES OF SUPERVISION FINAL REPORT JUNE 1967

AFOSR68-0317

SUPPER

SECOND S SUPPER PLUS T EQUALS I LEVEL IN SUPPER 30 P
 REACTION S SUPPER 36 P, GAMMA /CI SUPPER 37 AND PROPERTIES OF CI SUPPER 37
 DECAY OF NO SUPPER 147
 DECAY OF CF SUPPER 143
 DECAY OF CE SUPPER 143
 DECAY OF NO SUPPER 147
 DECAY OF CE SUPPER 143
 DECAY OF NO SUPPER 147
 PROPERTIES OF P SUPPER 30 LEVELS FROM THE SI SUPPER 29 P, GAMMA/P SUPPER 30 REACTION, I
 PROPERTIES OF P SUPPER 30 LEVELS
 THE DECAY OF CE SUPPER 143
 PROPERTIES OF CI SUPPER 37 FROM THE S SUPPER 36 P, GAMMA CI SUPPER 37 REACTION
 ENERGY LEVELS IN CI SUPPER 35
 ANALOG DOUBLET IN CI SUPPER 35
 ANALOG DOUBLET IN CI SUPPER 35
 RESONANCE LEVELS IN P SUPPER 30 FROM THE SI SUPPER 29 P,P SI SUPPER 24 REACTION
 ELASTIC RELATION IN CA SUPPER PLUS PLUS DOPED NACL
 NUCLEAR STRUCTURE OF SC SUPPER 43 II. GAMMA-RAY ANGULAR CORRELATIONS
 NUCLEAR STRUCTURE OF SC SUPPER 43 I. ENERGY LEVELS AND DECAY SCHEMES
 MULTIPOLARITY ASSIGNMENTS IN IR SUPPER 193
 MULTIPOLARITY ASSIGNMENTS IN IR SUPPER 193
 AN ISOMERIC ANALOG STATE WITH L F SUPPER 7 - OVER 2 CONFIGURATION IN SUPPER 37 CL
 REACTION S SUPPER 36 P, GAMMA /CI SUPPER 37 AND PROPERTIES OF CI SUPPER 37
 INVESTIGATION OF EXCITED STATES OF P SUPPER 3 / WITH THE SI SUPPER 30/P. /P SUPPER 31 REACTION
 ELECTRON PARAMAGNETIC RESONANCE OF MN SUPPER 2 PLUS IN LIF
 PROPERTIES OF CI SUPPER 37 FROM THE S SUPPER 36 P, GAMMA CI SUPPER 37 REACTION
 SECOND S SUPPER PLUS T EQUALS I LEVEL IN SUPPER 30 P
 RESONANCE LEVELS IN P SUPPER 30 FROM THE SI SUPPER 29 P,P SI SUPPER 24 REACTION
 PROPERTIES OF P SUPPER 30 LEVELS FROM THE SI SUPPER 29 P, GAMMA/P SUPPER 30 REACTION, I
 PENETRATION EFFECTS FOR THE 1st KEY TRANSITION IN CS SUPPER 133
 INTERNAL CONVERSION ELECTRON STUDY OF THE DECAY OF RU SUPPER 103
 PROPERTIES OF CI SUPPER 37 FROM THE S SUPPER 36 P, GAMMA CI SUPPER 37 REACTION
 RESONANCE LEVELS IN P SUPPER 30 FROM THE SI SUPPER 29 P,P SI SUPPER 24 REACTION
 REACTION S SUPPER 36 P, GAMMA /CI SUPPER 37 AND PROPERTIES OF CI SUPPER 37
 PROPERTIES OF P SUPPER 30 LEVELS FROM THE SI SUPPER 29 P, GAMMA/P SUPPER 30 REACTION, I
 STUDY OF THE INTERNAL CONVERSION ELECTRON SPECTRUM IN THE DECAY OF OS SUPPER 193

ARL 68-0012
 ARL 68-014A
 ARL 68-0311
 ARL 68-0312
 ARL 68-1198
 ARL 68-1202
 ARL 68-1201
 ARL 68-1214
 ARL 67-0182
 ARL 68-1338
 ARL 68-1345
 ARL 68-1339
 ARL 68-1208
 ARL 68-1212
 ARL 68-1340
 ARL 68-1337
 ARL 67-1186
 ARL 68-1341
 ARL 68-1342
 ARL 68-1211
 ARL 68-1341
 ARL 67-0111
 ARL 68-014A
 ARL 68-0009
 ARL 67-1152
 ARL 68-1339
 ARL 68-0012
 ARL 68-1337
 ARL 67-0182
 ARL 67-1043
 ARL 68-0313
 ARL 68-1339
 ARL 67-1337
 ARL 68-0148
 ARL 67-0182
 ARL 67-1042

SUPPER333

IF SUPPER7SUBR AND 2PSUPPER3SUBR STATES IN QOD-A NUCLEI FROM SUPPER333 TO SUPPER 41CA

ARL 68-0045

SUPPLEMENT

SUPPLEMENT TO TEST INSTRUCTION MANUAL NO 10 COSMIC RAY TABLES ASYMPTOTIC DIRECTIONS VARIATIONAL COEFFICIENTS AND CUTOFF
 RIBLINOGRAPHY OF LUNAR AND PLANETARY RESEARCH SUPPLEMENT NO 2 - 1966
 TABLE OF MARTRE-POCK SELF CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT III FINAL REPORT JAN 1967
 TABLE OF MARTRE-POCK SELF CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT IV FINAL REPORT FEB 1968

AFCL68-0030
 AFCL67-0818
 ARL 67-0014
 ARL 68-0026

SUPPLEMENTS

STANDARD ATMOSPHERIC SUPPLEMENTS 1966 FINAL REPORT JULY 1967

AFCL67-0446

SUPPORT

PERFORMANCE AND LIFE SUPPORT IN ALTITUDE ENVIRONMENTS
 ATMOSPHERIC RESEARCH IN SUPPORT OF ATMOSPHERIC IONIZATION EFFECTS
 PHYSICAL AND HALLISTIC TESTS IN SUPPORT OF SOUNDING ROCKET VEHICLES FINAL REPORT MAY 1967
 REFURBISHMENT TEST INTEGRATION AND FIELD SUPPORT OF SCIENTIFIC INSTRUMENTS FOR THE OVI-13 SATELLITE FINAL REPORT JUN

AFOSR68-2096
 AFCL68-0318
 AFCL67-0278
 AFCL68-0286

SUPPORTED

MOSSBAUER EFFECT SPECTRA OF A SUPPORTED IRON CATALYST
 THE LOW TEMPERATURE OXIDATION OF AMMONIA OVER A SUPPORTED RUTHENIUM CATALYST
 MOSSBAUER EFFECT SPECTRA OF AMMONIA ADSORPTION ON A SUPPORTED IRON CATALYST
 THE EFFECT OF A UNIFORMLY DISTRIBUTED LATERAL LOAD UPON THE BUCKLING OF A CONTINUOUSLY SUPPORTED BEAM

AFOSR67-2473
 AFOSR67-2601
 AFOSR67-2472
 AFOSR67-1398

SUPPORTIVE

SOME EFFECTS OF COMBINING CLOSE PUNITIVE AND SUPPORTIVE STYLES OF SUPERVISION FINAL REPORT JUNE 1968

AFOSR68-0317

SUPPORTS

POLYGONAL AND SUPPORT-RACK PLATES WITH CUT-OUTS AND COLUMN SUPPORTS
 SOLUTION TO THE PHENOMENOLOGICAL PROBLEM OF A MAGNETIC LINE SOURCE ABOVE A PLANE STRUCTURE THAT SUPPORTS N-EXCITED

AFOSR68-2612
 AFCL68-0084

SUPPRESSION

SUPPRESSION OF SLEEP BY P CHLOROPHTHANNETANINE AND P CHLOROPHTHALLANINE /FRENCH/
 SUPPRESSION OF REFUG CUTS AT Y 0 DUE TO UNIVERSALITY OF FACTORIZED RESIDUES
 SUPPRESSION OF NON-LINEARITIES IN THE PIGEONS ELECTRORETINOGRAM /ERG/
 INFRARED RADIATION AND SUPPRESSION FROM THE EXHAUST PLUME OF JET AIRCRAFT DURING AFTERBURNER OPERATION
 A STUDY OF INFRARED RADIATION AND ITS SUPPRESSION FROM THE EXHAUST PLUMES OF JET AIRCRAFT DURING AFTERBURNER
 A STUDY OF RADIATION CHARACTERISTICS AND ITS SUPPRESSION FROM THE PLUME OF A JET AIRCRAFT DURING AFTERBURNER
 ROTATING CRYSTAL SPECTROMETERS WITH AND WITHOUT AN AUXILIARY DEVICE FOR SUPPRESSION OF UNWANTED REFLEXIONS

AFOSR67-2663
 AFOSR68-0834
 AFOSR68-2087
 ARL 68-1433
 ARL 68-1301
 ARL 67-0271
 AFOSR67-2697

SUPRALIMINAL

TEMPORAL INTEGRATION OF PERCEPTUAL RESPONSE TO SUPRALIMINAL ELECTRICAL STIMULATION

AFOSR68-2958

SUPRAOPTIC

THE SECRETORY CYCLE OF SUPRAOPTIC NEURONS IN THE RAT A STRUCTURAL-FUNCTIONAL CORRELATION
 NEUROSECRETORY ACTIVITY IN SUPRAOPTIC NUCLEUS OF NORMAL RATS

AFOSR67-2094
 AFOSR67-2095

SUPRATHRESHOLD

THE MEASUREMENT OF SUPRATHRESHOLD PAIN

AFOSR67-1197

SURFACE

SURFACE FIELDS OF LINEAR ANTENNAS IN FREE SPACE DIELECTRIC RODS AND MAGNETOIONIC MEDIA
 SURFACE AND CHAIN-BOUNDARY DIFFUSION OF GOLD-COPPER
 SURFACE RECOMBINATION VELOCITIES AND DIFFUSION LENGTHS IN GAS
 SURFACE LATTICE DYNAMICS OF SILVER I LOW-ENERGY ELECTRON DEBYE-WALLER FACTOR
 SURFACE EFFECTS IN REEDED COMBUSTION PRODUCTS /PROCEEDINGS OF A SPECIALISTS MEETING AGARD PROPULSION AND ENERGETICS
 SURFACE DISLOCATION SOURCES AND PLASTIC FLOW IN SILVER MONOCRYSTALS
 SURFACE ASYMMETRY MECHANISM FOR FRACTIONAL ORDER PEAKS OBSERVED IN LEED BEAMS FROM METALS
 SURFACE LATTICE DYNAMICS OF SILVER II LOW-ENERGY ELECTRON THERMAL DIFFUSE SCATTERING
 SURFACE TEMPERATURE MEASUREMENTS ON SOLID PROPELLANTS DURING IGNITION
 SURFACE STRUCTURE OF CLEAN GOLD AND SILVER SURFACES
 SURFACE MEASUREMENTS ON SHARP PLAT PLATES AND WEDGES IN LOW-DENSITY HYPERSONIC FLOW
 SURFACE RECOMBINATION EFFICIENCIES IN FLOWS CONTAINING STEP-FUNCTION INCREASES IN ATOMIC OXYGEN FINAL REPORT MARCH
 SURFACE SPIN WAVES
 SURFACE STABILIZED FREE RADICALS
 SURFACE SCATTERING AND OTHER SURFACE PHENOMENA FINAL REPORT JULY 1968
 SURFACE EFFECTS AND SURFACE STATES IN COS
 THE SURFACE EFFECTS DUE TO BODY FORCES IN THE INTERIOR OF AN ELASTIC HALF-SPACE
 NEAR SURFACE DISPERSION STUDIES AT TONTO FOREST SEISMOLOGICAL OBSERVATORY
 SOME SURFACE EFFECTS IN AN ELECTRON GAS
 FREE SURFACE PROBLEMS IN FLUID FLOW
 PLAYS SURFACE MORPHOLOGY MISCELLANEOUS INVESTIGATIONS
 THE FREE SURFACE OF ALUMINUM AND DILUTE ALUMINUM-ZINC ALLOYS
 EFFECT OF SURFACE ROUGHNESS ON AXISYMMETRIC LAMINAR SEPARATED FLOWS AT M EQUALS 5.0
 MULTI-MODE SURFACE WAVE DIFFRACTION BY A RIGHT-ANGLED WEDGE
 METASTABLE SURFACE STRUCTURE OF THE W/110/ FACE
 THE STUDY OF SURFACE CHEMISTRY BY THERMOSHAVER EFFECT
 EXCITATION OF SURFACE WAVES BY EVENTS IN SOUTHERN ALGERIA
 EVIDENCE OF THE SURFACE ORIGIN OF THE 1/K NOISE
 LOW TEMPERATURE SURFACE EMISSION IN SEDED COMBUSTION PRODUCTS
 AN ESTIMATE OF THE SURFACE TEMPERATURE OF VPNUIS INDEPENDENT OF PASSIVE MICROWAVE RADIMETRY
 SURVEY OF EFFECT OF SURFACE PROPERTIES ON ANODE EROSION, FINAL REPORT APRIL 1968
 SURFACE EFFECTS AND SURFACE STATES IN COS
 THE SHAPE OF THE MASS SURFACE IN THE REGION OF 90 NEUTRONS
 ANTENNA PROCESSING FOR SURFACE TARGET DETECTION
 SEISMIC BODY WAVES AND SURFACE WAVES
 THE EFFECT OF VACUUM ON SURFACE DAMAGE IN FATIGUE FINAL REPORT SEPT 1967
 DIFFRACTIVE OF LIGHT BY SURFACE ACOUSTIC WAVES
 THE EFFECT OF DIFFERENT SURFACE BARRIER MODELS ON THE NOTTINGHAM ENERGY EXCHANGE PROCESS
 DIAGNOSIS OF SPACECRAFT SURFACE PROPERTIES AND DYNAMICAL MOTIONS BY OPTICAL PHOTOMETRY
 FLAME PROPAGATION OVER THE SURFACE OF A PLASTIC FUEL IN AN OXIDIZING ATMOSPHERE FINAL REPORT OCT 1967
 MOSSBAUER EFFECT STUDIES OF SURFACE REACTIONS FINAL REPORT APRIL
 ONE-DIMENSIONALLY INHOMOGENEOUS SURFACE STRUCTURES
 SURFACE SCATTERING AND OTHER SURFACE PHENOMENA FINAL REPORT JULY 1968
 A STUDY OF THE NIOTIUM /110/ SURFACE USING LOW ENERGY ELECTRON DIFFRACTION TECHNIQUES
 FIELD EMISSION STUDIES OF THE SURFACE MIGRATION OF REFRACTORY METALS FINAL REPORT OCT 1967

AFCL68-0574
 AFOSR67-0037
 AFOSR67-0453
 AFOSR67-0833
 AFOSR67-1216
 AFOSR67-1493
 AFOSR67-2316
 AFOSR67-2475
 AFOSR68-0034
 AFOSR68-0057
 AFOSR68-0645
 AFOSR68-0893
 AFOSR68-0923
 AFOSR68-1313
 AFOSR68-1900
 ARL 68-1372
 AFOSR67-1287
 AFOSR67-2090
 AFOSR68-0277
 AFOSR68-2609
 AFCL68-0133
 AFOSR67-0435
 AFOSR68-2586
 AFCL67-0073
 AFOSR68-1464
 AFOSR68-1885
 AFOSR67-2149
 AFOSR67-0367
 AFOSR67-0697
 AFOSR68-1053
 ARL 68-0069
 ARL 68-1372
 AFOSR67-1757
 AFCL68-0119
 AFCL68-0374
 AFOSR67-2399
 AFOSR68-0083
 AFOSR68-0402
 ARL 68-1344
 AFOSR68-1163
 AFOSR67-0923
 AFOSR68-1816
 AFOSR68-1900
 ARL 67-0025
 AFOSR67-2406

A STUDY OF THE MECHANISM OF SEA SURFACE SCATTERING
A COLLECTION OF SEMI CONTROLLED SURFACE THERMAL ACCOMMODATION COEFFICIENT MEASUREMENTS
AMPLIPOLAR CARRIER TRANSPORT AND SURFACE RECOMBINATION VELOCITY IN SEMICONDUCTOR SURFACE LAYERS
VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE II BOUNDARY VALUE PROBLEMS FOR THE MINIMAL SURFACE EQUATION
VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE III THE DIRICHLET PROBLEM WITH INFINITE DATA
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS
S-D MODEL WITH NON-SPHERICAL FERMION SURFACE
INDIRECT COUPLING OF PHOTONS TO THE SURFACE PLASMON
INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES FINAL REPORT FEB 1967 PART II
INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES FINAL REPORT MAR 1968
THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION WITH INFINITE DATA
THE DIRICHLET PROBLEM FOR THE MINIMAL SURFACE EQUATION IN HIGHER DIMENSIONS
ULTRAVIOLET RADIATION AND THE TERRESTRIAL SURFACE
SYNAPTIC TRANSMISSION AND ITS RELATION TO SURFACE CHEMISTRY OF NERVE CELLS FINAL REPORT FEB 1968
CRUSTAL STRUCTURE OF THE MEDITERRANEAN SEA BY SURFACE WAVES PART I GROUP VELOCITY
EFFECT OF A MAGNETIC FIELD ON A LAYER OF FREE SURFACE MERCURY
CYCLOTRON RESONANCE INVESTIGATION OF THE FERMION SURFACE OF CADMIUM
LOW-FIELD DE HAAS-VAN ALPHEN STUDY OF THE FERMION SURFACE OF ALUMINUM
A P-FLUORINE VULTS ARGON BEAM SCATTERING AT A SOLID SURFACE AND OBSERVATIONS OF RADIATION ACCOMPANYING THE BEAM
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE NO 110 SURFACE
LOW ENERGY ELECTRON DIFFRACTION STUDY OF THE 7A/112/ SURFACE
A THEORY FOR THE SLIP-FLUID BOUNDARY CONDITIONS OVER A SURFACE DEFINED BY ARBITRARY GAS-SURFACE INTERACTION PARAMETERS
LEED STUDY OF EFFECTS OF GAS ADSORPTION ON THE NO 110 SURFACE
LEED STUDY OF EFFECTS OF GAS ADSORPTION ON THE NO 110 SURFACE
ON THE RING OF HOLOMORPHIC FUNCTIONS ON AN OPEN RIEMANN SURFACE
DEPTH OF PENETRATION OF RADIATING IONS INTO A SPATTERED SURFACE FINAL REPORT FEB 1967
TRANSIENT MOTION OF AN ELASTIC HALF-SPACE DUE TO A MOVING SURFACE LINE LOAD
QUANTUM SPECTROSCOPY OF THE LOW FIELD OSCILLATIONS OF THE SURFACE IMPEDANCE
QUANTUM SPECTROSCOPY OF THE LOW-FIELD OSCILLATIONS IN THE SURFACE IMPEDANCE
ON THE BEHAVIOR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE THEORETICAL STUDY FOR NORMAL INCIDENCE
ON THE BEHAVIOR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE ADDITIONAL THEORETICAL STUDY FOR NORMAL INCIDENCE
LEED STUDY OF THE GROWTH OF ALUMINUM FILMS ON THE 7A/110/ SURFACE
APPENDIX TO A PRIORI ESTIMATES FOR SOLUTIONS OF THE MINIMAL SURFACE EQUATION
THE LOCAL RING OF THE GENUS THREE MODULUS SPACE AT KLEIN'S 100 SURFACE
GENERALIZED IMPEDANCE BOUNDARY CONDITIONS WITH APPLICATIONS TO SURFACE WAVE STRUCTURES
ELECTRON PARAMAGNETIC RESONANCE OF METHYL RADICALS ON POROUS GLASS SURFACE
TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED NO 110 SURFACE FOR LOW PRIMARY ENERGIES
TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED NO 110 SURFACE FOR LOW PRIMARY ENERGIES
DYNAMIC RUCKLING OF A CIRCULAR RING CONSTRAINED IN A RIGID CIRCULAR SURFACE
THE USE OF PRECISE SCHOTTKY DATA IN THE ANALYSIS OF THE METAL-VACUUM SURFACE BARRIER FOR THERMIONIC EMITTERS I-
INTERACTION OF A CHEMICALLY REACTING LAMINAR BOUNDARY LAYER AND AN ABLATING SURFACE PART I ANALYSIS
ELECTROMAGNETIC SCATTERING IN THE TIME DOMAIN IN A PERFECTLY CONDUCTING CURVED SURFACE
AMPLIPOLAR CARRIER TRANSPORT AND SURFACE RECOMBINATION VELOCITY IN SEMICONDUCTOR SURFACE LAYERS
HYPERSONIC FLOW OF BLUNT DELTA WINGS AT LOW ANGLES OF ATTACK I SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION
HEAT TRANSFER AND RELATED SUPRSONIC FLOW STRUCTURE FOR AERODYNAMIC REARWARD-FACING SURFACE STEPS
EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE STABILITY OF AIR FLOW OVER A WATER SURFACE
VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE II BOUNDARY VALUE PROBLEMS FOR THE MINIMAL SURFACE EQUATION

SURFACE-TO-AIR

SMALL SURFACE-TO-AIR MISSILES IN A LIMITED WAR ENVIRONMENT FINAL REPORT MAR 1968

ORA 68-0004

SURFACES

RIEMANN SURFACES WHICH ARE DOUBLES OF PLANE DOMAINS
REFRACTORY METAL SURFACES
ELECTRICALLY CHARGED SURFACES AND THE PHOTOGRAPHIC PROCESS
FINDINGS ON PLANETARY SURFACES AND ATMOSPHERES FROM A STUDY OF THE PHOTOGRAPHIC COLLECTIONS OF THE I A U PLANETARY
THE STRUCTURE OF THE LEVEL SURFACES OF A LYAPUNOV FUNCTION
REFLECTS NEAR IONIC CRYSTAL SURFACES
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES FINAL REPORT APRIL 1968
CHEMICAL DYNAMICS ON CRYSTAL SURFACES FINAL REPORT SEPT 1966
FOG FORMATION CONDITIONS NEAR COOL SURFACES
MOLECULAR BEAM SCATTERING FROM SOLID SURFACES
SELF-DIFFUSION ON NEARLY PURE METALLIC SURFACES
ATOMIC AND MOLECULAR KINETICS ON SOLID SURFACES FINAL REPORT FEB 1968
STABILITY OF IONIC AND PARTIALLY IONIC SURFACES
STUDY OF THERMIONIC CONVERTER ELECTRODE SURFACES USING THE ELECTRON MIRROR MICROSCOPE
ANGLE DEPENDENT REFLECTIVITY OF NATURAL SURFACES 1 - 12 MICRON FINAL REPORT AUG 1968
LOW-ENERGY ELECTRON DIFFRACTION STUDY OF SURFACES OF ANTIMONY AND BISMUTH
AUGER ELECTRON SPECTROSCOPY OF FCC METAL SURFACES
RADAR REFLECTING PROPERTIES OF CONDUCTING SURFACES FINAL REPORT JUNE 1968
TRENDS IN CHEMISORBED STRUCTURES ON /110/ SURFACES OF FCC REFRACTORY METALS
SURFACE STRUCTURE OF CLEAN GOLD AND SILVER SURFACES
STRENGTH RESPONSE PARAMETERS OF NATURAL SOIL SURFACES AND THEIR APPLICATION TO THE LANDING PROBLEM OF AIRCRAFT
BENDING AND MOBILITY OF HPAL ATOMS ON CRYSTAL SURFACES FINAL REPORT JULY 1968
A METHOD FOR DETERMINING CATALYTIC EFFICIENCY OF SURFACES
INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES
INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES FINAL REPORT OCT 1968
SECONDARY-ELECTRON EMISSION FROM GLYCEROL-COATED COPPER SURFACES
THE STRESS INTENSITY FACTORS FOR A GRIFFITH CRACK WHOSE SURFACES ARE LOADED ASYMMETRICALLY
STRUCTURE TRANSFORMATIONS ON CLEAVED AND ANNEALED GELI SURFACES
STUDIES OF THE PHYSICAL AND CHEMICAL PROPERTIES OF SOLID SURFACES FINAL REPORT NOVEMBER 1968
SELF-DIFFUSION OF RADIOACTIVE TRACERS ACROSS DISCONTINUOUS SURFACES
EFFECT OF GAPS ON THE LOADING DISTRIBUTION OF PLANAR LIFTING SURFACES
ADSORPTION ON NIOBIUM/110/, TANTALUM/1 0/, AND VANADIUM/110 /SURFACES
SUPRSONIC OSCILLATORY OR STEADY AIRLOADS ON WINGS WITH CONTROL SURFACES AND OTHER DISCONTINUITIES
ON SOME NON-LINEAR BOUNDARY PROBLEMS FOR THE EQUATION OF MINIMAL SURFACES
INVESTIGATIONS OF THE POLARIZATION OF LIGHT REFLECTED BY NATURAL SURFACES
PARAMAGNETIC RESONANCE SPECTRA OF METHYL RADICALS ON POROUS GLASS SURFACES
EXPERIMENTAL STUDIES OF ATOMIC HYDROGEN RECOMBINATION AT GLASS AND QUARTZ SURFACES FINAL REPORT MARCH 1967
DETERMINATION OF THE THERMAL ACCOMMODATION COEFFICIENTS OF GASES ON CLEAN SURFACES AT TEMPERATURES ABOVE 300 DEGREES K
THE DETERMINATION OF THE STRESS INTENSITY FACTORS OF A PAIR OF COPLANAR GRIFFITH CRACKS WHOSE SURFACES ARE LOADED
VISCOSUS AND THERMAL BOUNDARY LAYERS IN INCOMPRESSIBLE STEADY FLOWS ALONG LONGITUDINALLY CURVED SURFACES INCLUDING
A REPRESENTATION OF A BOUNDED FUNCTION AS INFINITE PRODUCT IN A DOMAIN WITH CERRHAN-SHILOV BOUNDARY SURFACES

SURFACES--KINETIC

CONVECTIVE DIFFUSION LIMITATIONS ON THE RATES OF CHEMICAL REACTIONS AT SOLID SURFACES--KINETIC IMPLICATIONS

AFOSR67-2756

AFOSR67-1861
AFOSR67-1921
AFOSR67-2269
AFOSR68-0804
AFOSR68-2240
AFOSR67-0859
AFOSR67-1778
AFOSR67-1928
AFOSR67-2305
AFOSR68-0771
AFOSR68-0804
AFOSR68-1229
AFOSR67-0171
AFOSR68-0211
AFOSR68-0251
AFOSR68-2227
AFOSR68-0572
AFOSR68-0525
AFOSR67-2142
AFOSR68-0829
AFOSR67-0437
AFOSR67-1963
AFOSR68-2354
ARL 68-1217
ARL 68-1065
AFOSR67-1911
ARL 68-0219
ARL 68-1821
AFOSR68-1500
AFAL 67-0003
AFOSR67-0312
AFOSR68-0561
AFOSR68-1560
AFOSR68-1734
AFOSR68-1741
ARL 68-0642
AFOSR68-1884
AFOSR67-2350
AFOSR67-0519
AFOSR67-0196
ARL 68-0318
ARL 68-1220
AFOSR67-1945
AFOSR67-0189
ARL 68-0029
AFOSR67-0287
AFOSR67-2269
AFOSR67-0005
ARL 67-1270
AFOSR68-2621
AFOSR68-0256

AFOSR68-2647
ARL 67-1130
AFOSR67-1670
AFOSR67-0504
AFOSR67-2174
AFOSR67-2392
AFOSR67-1890
AFOSR67-1757
AFOSR68-2308
AFOSR68-2665
AFOSR68-0846
AFOSR67-0084
AFOSR68-0456
ARL 68-1056
AFOSR68-0101
AFOSR68-0551
AFOSR67-2698
AFOSR68-1A05
AFOSR68-0346
ARL 67-1129
AFOSR68-0057
AFOSR67-0583
AFOSR68-1645
AFOSR67-2246
AFOSR67-2431
AFOSR68-2581
AFOSR68-0303
AFOSR68-0853
AFOSR68-1870
ARL 68-0194
ARL 68-1334
AFOSR68-1602
ARL 67-0153
AFOSR68-0419
AFOSR68-2754
AFOSR67-0049
AFOSR67-2263
AFOSR67-1111
AFOSR67-1922
AFOSR68-2188
ARL 68-0227
AFOSR68-2602

SURGICAL
SURGICAL IMMOBILIZATION OF THE EYE AND PUPIL PERMITTING STABLE PHOTIC STIMULATION OF FREELY MOVING CATS
VISUAL EVOKED POTENTIALS AS RECORDED FROM THE SCALP AND FROM THE VISUAL CORTIX BEFORE AND AFTER SURGICAL REMOVAL OF
AFOSR67-2848
AFOSR67-1481

SURROUND
EFFECTS OF SURROUND ILLUMINATION ON VISUAL PERFORMANCE - AN ANNOTATED BIBLIOGRAPHY FINAL REPORT JULY 1967
EXPERIMENTAL STUDY OF THE EFFECTS OF SURROUND BRIGHTNESS AND SIZE ON VISUAL PERFORMANCE FINAL REPORT SEP 1967
ANRL 67-0103
ANRL 67-0102

SURROUNDING
FORCED MOTIONS OF SHELLS AND PLATES SURROUNDED BY AN ACOUSTIC FLUID
AFOSR68-0106

SURROUNDING
THE VELOCITY FIELD SURROUNDING SUNSPOTS AS DERIVED FROM OBSERVATIONS OF HA
THE STUDY OF PLASMA SURROUNDING REENTRY BODIES AND RESULTANT INTERACTION WITH MICROWAVE RADIATION FINAL REPORT APR
RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL II-AN INVESTIGATION OF THE VARIOUS PLASMA DISCHARGES SURROUNDING A
AFOSR68-0202
AFOSR68-0239
AFOSR67-0977

SURTSKY
PROCEEDINGS OF THE SURTSKY RESEARCH CONFERENCE /2ND/ REYKJAVIK ICELAND 28 THRU 28 JUNE 1967 PP1-108 FINAL REPORT JUNE
AFOSR68-2175

SURVEY
SURVEY OF AUTOMATED LANGUAGE PROCESSING 1966
SURVEY OF COMPUTER LANGUAGES FOR SYMBOLIC AND ALGEBRAIC MANIPULATIONS PROCEEDINGS OF IFIPS CONFERENCE ON SYMBOL
SURVEY OF EFFECT OF SURFACE PROPERTIES ON ANODE EROSION, FINAL REPORT APRIL 1968
SURVEY OF HIGH PRESSURE ELECTRIC ARC TECHNOLOGY
SURVEY ON RESEARCH ON Q-MACHINE PLASMAS
A SURVEY OF METHODS FOR MEASUREMENTS OF RADIATION FIELDS FROM THE AFCL LINEAR ACCELERATOR
A SURVEY OF METHODS FOR CONTROLLING THE ALTITUDE OF FREE BALLOONS WITH AIR BALLAST SYSTEMS
A SURVEY OF HIGHER-ORDER BOUNDARY LAYER THEORY
A SURVEY OF PROGRESS IN CODING THEORY IN THE SOVIET UNION FINAL REPORT DEC 1967
GENERAL SURVEY OF DESIGN AUTOMATION OF DIGITAL COMPUTERS
A RADIO SURVEY OF THE REGION OF NGC 4781
CRITICAL SURVEY OF MAGNETO-FLUID-DYNAMICS PART I - RESEARCH IN INDIA PART II - RESEARCH IN AUSTRIA AND GERMANY
PH TIME-TERM SURVEY NORWAY-SCOTLAND 1967 FINAL REPORT MAY 1968
A MICRO-EARTHQUAKE SURVEY OF THE SAN ANDREAS FAULT SYSTEM IN SOUTHERN CALIFORNIA
ON-LINE DEBUGGING TECHNIQUES A SURVEY
LASER DAMAGE A SELECTED LITERATURE SURVEY
MACROSCOPIC FINITE RESISTIVITY INSTABILITIES-A LITERATURE SURVEY
HAZARDS IN COMBINATIONAL AND SEQUENTIAL SWITCHING CIRCUITS A SURVEY
AFOSR67-0269
AFOSR67-0811
ARL 68-0069
ARL 68-1210
ARL 68-1442
AFOSR67-0301
AFOSR67-0372
AFOSR67-2291
AFOSR68-0590
AFOSR67-0666
AFOSR67-1977
ARL 68-0062
AFOSR68-1424
AFOSR67-2143
AFOSR67-0080
AFOSR67-0137
AFOSR67-1086
AFOSR68-0370

SURVIVE
ON SURALGEBRAS WHICH SURVIVE CONTRACTION
AFOSR68-0764

SUSCEPTIBILITIES
MAGNETIC SUSCEPTIBILITIES OF THE HEAVIER RARE EARTH SODIUM MOLYBDATE
LOW-TEMPERATURE SUSCEPTIBILITIES OF RHODIUM AND IRIUM WITH IRON IMPURITIES
MAGNETOELECTRIC SUSCEPTIBILITIES OF S-STATE ATOMIC SYSTEMS
AFOSR68-2743
AFOSR67-1532
AFOSR68-0119

SUSCEPTIBILITY
MAGNETIC SUSCEPTIBILITY OF URANIUM TRIFLUORIDE IN THE RANGE 2-300 DEGREES K
MAGNETIC SUSCEPTIBILITY OF BARIUM MOLYBDATE/IV/ AND STRONTIUM MOLYBDATE/IV/ IN THE RANGE 2-300 DEGREES K
DE HAS - VAN ALPHEN SUSCEPTIBILITY MEASUREMENTS ON P-TYPE ANTIMONY TRI-TELLURIDE
A COMPARISON OF HYPNOTIC SUSCEPTIBILITY AS ASSESSED BY DIAGNOSTIC RATINGS AND INITIAL STANDARDIZED TEST SCORES
TEMPERATURE DEPENDENCE OF THE SPIN SUSCEPTIBILITY OF A NEARLY FERROMAGNETIC FERRI LIQUID
A FURTHER ATTEMPT TO MODIFY HYPNOTIC SUSCEPTIBILITY THROUGH REPEATED INDIVIDUALIZED EXPERIENCE
PHENOMENOLOGICAL THEORY OF THE RESISTIVITY AND SUSCEPTIBILITY OF DILUTE RHODIUM-IRON AND IRIUM-IRON ALLOYS
AFOSR67-1608
AFOSR68-1478
AFOSR68-0152
AFOSR67-1639
AFOSR68-2397
AFOSR67-2724
AFOSR67-2660

SUSPENDED
WAKE MEASUREMENTS BEHIND A CONE SUSPENDED MAGNETICALLY IN A MACH NUMBER 4.3 STREAM
AFOSR68-1655

SUSPENSION
MAGNETIC WIND-TUNNEL-MODEL SUSPENSION AND BALANCE SYSTEMS
CONTRIBUTION TO THE KNOWLEDGE OF MAGNETIC BALANCE AND SUSPENSION SYSTEMS
CALIBRATION STUDY FOR A SIX-DEGREE-OF-FREEDOM MAGNETIC BALANCE AND SUSPENSION SYSTEM
MOMENTUM AND HEAT TRANSFER IN LAMINAR FLOW OF GAS WITH LIQUID DROPLET SUSPENSION OVER A CIRCULAR CYLINDER
ARL 67-1217
ARL 67-0286
ARL 67-1230
ARL 67-0288

SUSPENSIONS
COMBUSTION OF ALUMINUM, MAGNESIUM, AND BORON SUSPENSIONS IN HYDROCARBON FUELS
COMBUSTION OF BORON, MAGNESIUM, AND ALUMINUM SUSPENSIONS IN HYDROCARBON FUELS
A TWO-SEGMENT COLUMN PROCEDURE FOR SINGLE STEP ISOLATION OF DEXTRAN FROM RED CELL SUSPENSIONS
ARL 68-0319
ARL 68-1045
AFOSR67-1683

SWEDISH
HOW NATURE HAS SOLVED A DIFFICULT OPTICAL PROBLEM /SWEDISH/
AFOSR67-0902

SWEEP
IMPROVED SWEEP MODULATOR FOR HIGH DC VOLTAGES
AFOSR68-2799

SWEEP-FREQUENCY
A COMPILATION OF SOLAR RADIO SWEEP-FREQUENCY OBSERVATIONS 1955-1964
AFOSR68-0391

SWEEP
BOUNDARY LAYER INSTABILITY ON SWEEP WINGS /GERMAN/
AFOSR67-2606

SWEEP-RACK
POLYGONAL AND SWEEP-BACK PLATES WITH CUT-OUTS AND COLUMN SUPPORTS
AFOSR68-2612

SWIMMING
SEMICIRCULAR CANAL AND OTOLITHIC ORGAN FUNCTION IN FREE SWIMMING FISH FINAL REPORT SEPT 1968
AFOSR68-2150

SWIRL

COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS
NATURE OF THE FLOW IN A SWIRL CHAMBER HAVING ENOUGH FLOW REVERSAL FINAL REPORT JULY 1968
COMPUTATION OF AXIAL-SYMMETRIC TRANSONIC SWIRL FLOWS BY THE UNSTEADY FLOW APPROACH
MATHEMATICAL THEORY OF STEADY COMPRESSIBLE SWIRL FLOWS WITH CLOSED STREAMLINES AT HIGH REYNOLDS NUMBERS FINAL REPORT
HEAT TRANSFER AND PRESSURE DROP IN TUBE GENERATED SWIRL FLOW
THE LAX-WENDROFF METHOD APPLIED TO AXIAL SYMMETRIC SWIRL FLOW
AN EXPERIMENTAL STUDY OF THE FLOW IN A LOW-PRESSURE SWIRL CHAMBER

ARL 66-1261
ARL 66-0131
ARL 66-0070
ARL 67-0140
AFOSR67-1999
ARL 67-1270
ARL 66-0072

SWIRLING

STUDY OF SWIRLING FLUID FLOWS FINAL REPORT OCTOBER 1968

ARL 66-0173

SWITCH-ON

NUMERICAL EXPERIMENTS OF MAGNETOHYDRODYNAMIC SHOCKS AND THE STABILITY OF SWITCH-ON SHOCKS

AFOSR67-2078

SWITCHING

NON-BINARY SWITCHING THEORY
MATHEMATICAL THEORY OF SWITCHING CIRCUITS AND AUTOMATA UNIVERSITY OF CALIF PRESS 1968 FINAL REPORT SEPT 1968
TWO LEVEL REALIZATION OF SWITCHING FUNCTIONS WITH A MINIMUM OF THRESHOLD GATES
REALIZATION OF A CLASS OF SWITCHING FUNCTIONS BY THRESHOLD LOGIC NETWORKS
HAZARDS IN COMBINATIONAL AND SEQUENTIAL SWITCHING CIRCUITS A SURVEY
TECHNIQUES FOR THE OPTIMAL DESIGN AND SYNTHESIS OF SWITCHING CIRCUITS

AFOSR68-0817
AFOSR68-2318
AFOSR68-1920
AFOSR68-1809
AFOSR68-0370
AFOSR68-2006

SYDNEY

PRELIMINARY RESULTS FROM THE SYDNEY UNIVERSITY GIANT AIR SHOWER RECORDER

AFOSR68-1965

SYMBOL

SURVEY OF COMPUTER LANGUAGES FOR SYMBOLIC AND ALGEBRAIC MANIPULATIONS PROCEEDINGS OF IFIPS CONFERENCE ON SYMBOL

AFOSR67-0811

SYMBOLIC

THE EFFECTS OF PHYSICAL AND SYMBOLIC STRESSORS ON PERCEPTIVE MECHANISMS FINAL REPORT JUNE 1968
SURVEY OF COMPUTER LANGUAGES FOR SYMBOLIC AND ALGEBRAIC MANIPULATIONS PROCEEDINGS OF IFIPS CONFERENCE ON SYMBOL

AFOSR68-1516
AFOSR67-0811

SYMBOLS

THE ROLE OF ENGLISH, LANGUAGES AND SYMBOLS IN CHEMISTRY

ARL 66-1013

SYMMETRIC

SYMMETRIC DUALITY IN MATHEMATICAL PROGRAMMING
SYMMETRIC DUALITY IN MATHEMATICAL PROGRAMMING
SYMMETRIC DUALITY FOR QUADRATIC PROGRAMMING IN COMPLEX SPACE
SYMMETRIC DUALITY FOR VARIATIONAL PROBLEMS
A PROPERTY OF SYMMETRIC /INTERCHANGEABLE/ RANDOM VARIABLES
AN HARMONICITY IN THE SYMMETRIC AND ASYMMETRIC CH VIBRATIONS OF ETHYLENE
COVARIANT DECOMPOSITION OF SYMMETRIC TENSORS AND THE GRAVITATIONAL CAUCHY PROBLEM
ON THE NUMERICAL INTEGRATION OF A SYMMETRIC SYSTEM OF DIFFERENCE-DIFFERENTIAL EQUATIONS OF NEUTRAL TYPE
AN ITERATIVE SOLUTION FOR ROTATIONALLY SYMMETRIC NON-LINEAR MEMBRANE PROBLEMS
THE LAX-WENDROFF METHOD APPLIED TO AXIAL SYMMETRIC SWIRL FLOW
THE RIFMANN MATRIX OF 22 PLUS 17-DIMENSIONAL SYMMETRIC-HYPERBOLIC SYSTEMS
CONVERGENCE OF POISSON INTEGRALS FOR BOUNDED SYMMETRIC DOMAINS
ON THE ANALYTIC PROPERTIES OF SOLUTIONS FOR A GENERALIZED AXIALLY SYMMETRIC SCHRÖDINGER EQUATION
AN INVESTIGATION OF THE ANALYTIC PROPERTIES OF SOLUTIONS TO THE GENERALIZED AXIALLY SYMMETRIC REDUCED WAVE EQUATION IN
A USERS MANUAL FOR A COMPUTER PROGRAM TO REDUCE SPECTROGRAPHIC DATA FROM A ROTATIONALLY SYMMETRIC PLASMA, FINAL REPORT
THE STRESS INTENSITY FACTOR FOR A PENNY-SHAPED CRACK IN AN ELASTIC BODY UNDER THE ACTION OF SYMMETRIC BODY FORCES
NEW METHOD FOR OBTAINING EMISSION COEFFICIENTS FROM EMITTED SPECTRAL INTENSITIES PART I CIRCULARLY SYMMETRIC LIGHT
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A PENNY-SHAPED CRACK IN AN ELASTIC SOLID UNDER THE ACTION OF SYMMETRIC

ARL 67-1029
ARL 67-1030
ARL 68-0090
ARL 68-0275
AFOSR67-0874
AFOSR67-2844
AFOSR68-0112
AFOSR68-0874
AFOSR67-2087
ARL 67-1270
AFOSR67-0520
AFOSR68-2736
AFOSR67-0837
AFOSR68-0768
ARL 68-0003
AFOSR68-0832
ARL 67-0038
AFOSR68-1835

SYMMETRIES

SYMMETRIES OF NULL INFINITY
PHASE-SPACE SYMMETRIES OF A RELATIVISTIC PLASMA
ALL POSSIBLE SYMMETRIES OF THE S MATRIX
DYNAMICAL REARRANGEMENT OF SYMMETRIES IN THE COMPLEX SCALAR FIELD
DISPERSION RELATIONS AND HIGHER SYMMETRIES
SPACE-TIME AND ORIGIN OF INTERNAL SYMMETRIES
ON THE RELATIONSHIP BETWEEN INTERNAL AND SPACE-TIME SYMMETRIES

ARL 67-1050
AFOSR68-2502
AFOSR67-2501
AFOSR67-1513
AFOSR67-0585
AFOSR67-1479
AFOSR68-2744

SYMMETRIZABLE

ON SYMMETRIZABLE DIFFERENTIAL OPERATORS

AFOSR68-2656

SYMMETRIZATION

SIMPLIFICATION AND SYMMETRIZATION OF THE FIKKAN RELATION FOR VISCOSITY OF CRITICAL MIXTURES

AFOSR67-1261

SYMMETRY

SYMMETRY OF MIXED THIRD ORDER ELASTIC CONSTANTS
SYMMETRY BREAKING IN NON-ABELIAN GAUGE THEORIES
SYMMETRY OF GROUND STATE IN A DILUTE MAGNETIC METAL ALLOY
SYMMETRY PROPERTIES OF THE NORMAL VIBRATIONS OF A CRYSTAL
SYMMETRY PRINCIPLES AT HIGH ENERGY FIFTH CORAL GABLES CONFERENCE JANUARY 24-26 1968 FINAL REPORT JULY 1968
SYMMETRY CHANGES, PHASE TRANSITIONS AND FERROELECTRICITY
O/A / SYMMETRY AND REGGE-POLE THEORY
O/A / SYMMETRY AND REGGE-POLE THEORY
SU(3) SYMMETRY EXCHANGE DEGENERACY AND LORENTZ-POLE CLASSIFICATION OF CONSPIRATOR FAMILIES
PARTIAL SYMMETRY
INTERNAL SYMMETRY AND THE C P T OPERATIONS
THEORY OF SYMMETRY CHANGE IN SECOND-ORDER PHASE TRANSITION IN PEROVSKITE STRUCTURE
ON THE USE OF SYMMETRY TO SIMPLIFY THE CONSTITUTIVE EQUATIONS OF ISOTROPIC MATERIALS WITH MEMORY
PERMUTATIONS ON SYMMETRY CLASSES
ON THE QUESTION OF CHARGE SYMMETRY IN D-D REACTIONS
REMARKS ON NONLEPTONIC DECAYS IN SU(3) SYMMETRY
DAUGHTERS FROM ANALYTICITY PLUS CROSSING SYMMETRY
THE BEHAVIOR OF THE ANGULAR CORRELATION SYMMETRY ANGLE FOLLOWING INELASTIC SCATTERING OF HELIUM 3 PARTICLES FROM
A THEOREM ON RANK WITH APPLICATIONS TO MAPPINGS ON SYMMETRY CLASSES OF TENSORS
RESONANCE SATURATION OF AXIAL CHARGE COMMUTATORS SU(3) SYMMETRY AND SCALAR MESONS
THE NUCLEON-NUCLEON SCATTERING LENGTH THE THREE-BODY PROBLEM AND CHARGE SYMMETRY
AN IMPROVED DIFFERENTIAL APPROXIMATION FOR RADIATIVE TRANSFER WITH SPHERICAL SYMMETRY
SPATIAL RESOLUTION OF EMISSION AND ABSORPTION COEFFICIENTS IN SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY

AFOSR67-1107
AFOSR67-1750
AFOSR68-0584
AFOSR68-0863
AFOSR68-1619
ARL 67-0230
AFOSR67-1801
AFOSR68-0189
AFOSR68-1483
AFOSR67-1960
AFOSR68-1949
ARL 68-0243
AFOSR68-2667
AFOSR67-1054
AFOSR67-0566
AFOSR68-0156
AFOSR67-2701
AFOSR68-1384
AFOSR67-2476
AFOSR67-2241
AFOSR67-2194
AFOSR68-2840
ARL 67-0279

SYMMETRY - CONTINUED

SPATIAL RESOLUTION OF THE VOLUME EMISSION COEFFICIENT IN STRONGLY SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY ARL 68-0174

SYMMETRY-BREAKING

SPECTRAL REPRESENTATIONS FOR SYMMETRY-BREAKING PARAMETERS AFOSR68-2724

SYMPATHECTOMY

THE EFFECT OF OXYTOCIN AND ADRENALINE ON BLOOD FLOW IN THE HIND LIMB OF THE DOG FOLLOWING CHRONIC LUMBAR SYMPATHECTOMY AFOSR67-2672

SYMPATHOMIMETIC

EFFECT OF DIRECTLY AND INDIRECTLY ACTING SYMPATHOMIMETIC AMINES ON ADRENERGIC TRANSMITTER GRANULES AFOSR68-2729

SYNOPSIS

GENERALIZED NETWORKS PROCEEDINGS OF THE SYMPOSIUM ON SYNOPSIS SERIES VOL XVI NEW YORK N Y APRIL 12-14 1966 POLYTECHNIC AFOSR67-0844

MATHEMATICAL ASPECTS OF COMPUTER SCIENCE PROCEEDINGS OF SYNOPSIS IN APPLIED MATHEMATICS MATHEMATICAL ASPECTS OF AFOSR68-1019

SYMPOSIUM

THE 1967 TEXAS SYMPOSIUM ON RELATIVISTIC ASTROPHYSICS ARL 67-1332

1967 INTERNATIONAL SYMPOSIUM ON INFORMATION THEORY SAN REMO ITALY 11-15 SEPTEMBER 1967 /ABSTRACTS OF PAPERS ONLY/ AFOSR68-1040

SEVENTH INTERNATIONAL SYMPOSIUM ON FREE RADICALS PADUA ITALY SEPTEMBER 8-10 1966 FINAL REPORT SEPT 1966 AFOSR67-1796

PROCEEDINGS OF THE THIRD SYMPOSIUM ON THE PLASMA SHEATH- PLASMA ELECTROMAGNETICS OF HYPERSONIC FLIGHT VOLUME II AFCL67-0280

PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME V WEATHER MODIFICATION AFOSR68-2095

PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME I THEORY OF STATISTICS AFOSR68-2090

PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART I PROBABILITY AFOSR68-2091

PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART II PROBABILITY AFOSR68-2092

PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME III PHYSICAL SCIENCES AFOSR68-2093

PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME IV BIOLOGY AND PROBLEMS AFOSR68-2094

GENERALIZED NETWORKS PROCEEDINGS OF THE SYMPOSIUM ON SYNOPSIS SERIES VOL XVI NEW YORK N Y APRIL 12-14 1966 POLYTECHNIC AFOSR67-0844

PROCEEDINGS FOURTH AFCL SCIENTIFIC BALLBOON SYMPOSIUM AFCL67-0078

ELECTRONIC PROCESSES TRANSACTIONS OF THE 1966 SYMPOSIUM CLEVELAND OHIO 1-6 MAY 1966 FINAL REPORT MAY 1966 AFOSR67-0651

MINIATURE LAYERS AND TURBULENCE-INTERNATIONAL SYMPOSIUM ON BOUNDARY LAYERS AND TURBULENCE INCLUDING GEOPHYSICAL AFOSR68-0885

THIRD INTERNATIONAL SYMPOSIUM ON HOT ATOM CHEMISTRY SYMPOSIUM LAFAYETTE INDIANA 1-2 APR 66 AFOSR67-0338

ANIMAL SONAR SYSTEM BIOLOGY AND BIOLOGY VOLUMES 1 AND 2 SYMPOSIUM ON SONIC MODELS OF THE ANIMAL SONAR SYSTEM VILLA AFOSR67-2074

ADVANCES IN HOT WIRE ANEMOMETRY PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON HOT WIRE ANEMOMETRY FINAL REPORT JULY AFOSR68-1492

PRIMARRAS JORNADAS LATINO AMERICANAS DE ACUSTICA /FIRST LATIN AMERICAN SYMPOSIUM ON ACOUSTICS CORDOBA ARGENTINA 17-23 MAY AFOSR67-1954

SYNAPTIC

SYNAPTIC TRANSMISSION AND ITS RELATION TO SURFACE CHEMISTRY OF NERVE CELLS FINAL REPORT FEB 1968 AFOSR68-0525

SYNCHRONIZABILITY

A STUDY OF ERROR CORRECTING CODES III SYNCHRONIZABILITY AND COMMON FREEDOM AFCL67-0045

SYNCHRONIZABLE

ON A FAMILY OF ERROR CORRECTING AND SYNCHRONIZABLE CODES AFCL68-0092

SYNCHRONIZATION

SYNCHRONIZATION AND DECOMPOSITION OF FINITE AUTOMATA AFOSR68-2319

MODE SYNCHRONIZATION PHENOMENA IN UNIVERSAL PLASMA INSTABILITIES AFOSR67-0895

A FAMILY OF CODES FOR THE CORRECTION OF SUBSTITUTION AND SYNCHRONIZATION ERRORS AFCL67-0591

SYNCHRONOUS

SYNCHRONOUS DETECTION VS PULSE COUNTING FOR SENSITIVE PHOTOMULTIPLIER DETECTION SYSTEMS AFOSR68-2117

SCINTILLATION STUDIES USING THE EARLY RISE SYNCHRONOUS SATELLITE 136-MHZ SIGNAL AFCL67-0655

LARGE VOLUME PULSED FIELD COILS APPLICATIONS TO SYNCHRONOUS PULSE OPERATION FROM 250 TO 500 KILOGAUSS AFOSR67-2374

SYNCHROTRON

SYNCHROTRON RADIATION OF NEUTRINOS AND ITS ASTROPHYSICAL SIGNIFICANCE AFOSR67-1147

THERMAL INSTABILITY RESULTING FROM SYNCHROTRON RADIATION AFOSR67-2635

SYNTACTIC

SYNTACTIC ANALYSIS AFCL67-0305

SYNTAX

SYNTAX ANALYSIS BY A PRODUCTION LANGUAGE AFOSR67-0254

SYNTAX DIRECTED INTERPRETATION OF NATURAL LANGUAGE AFOSR67-1758

SYNTHESES

PHOSPHONIC ACIDS AND ESTERS XIX SYNTHESIS OF SUBSTITUTED PHENYL- AND ARYLPHOSPHONATES BY THE PHOTOINITIATED ARLATION AFOSR68-0736

SYNTHESES

SYNTHESIS AND CHARACTERISTICS OF ARYLSULFINIDE POLYMERS AFML 67-0054

SYNTHESIS OF INORGANIC POLYMERS AFML 67-0134

SYNTHESIS OF CYCLOPENTADIENIDE DERIVATIVES AFOSR67-0204

SYNTHESIS OF ATROPINE LABELED WITH C14 IN THE TROPINE RING AND EFFECT OF COLD ACCLIMATION ON ATROPINE METABOLISM FINAL AFOSR67-2030

SYNTHESIS OF TROPINE-LABELED ATROPINE I MICRO METHODS FOR THE SYNTHESIS OF TROPINE AND FOR ITS ESTERIFICATION WITH AFOSR67-2104

SYNTHESIS OF IODIUM CARBONYL AND IODIUM CARBONYL AFOSR68-0351

SYNTHESIS AND SOLVOLYTIC REACTIVITY OF ENDO-ANTI-AND ENDO- SYN-8-TRICYCLO[3.2.1.0.2]OCTANE DERIVATIVES. EXTENSIVE AFOSR68-0710

SYNTHESIS OF ACTIVE AND PASSIVE COMPATIBLE IMPEDANCES AFOSR68-1239

SYNTHESIS OF LINEAR SEQUENTIAL CIRCUITS FROM INPUT-OUTPUT RELATIONS AFOSR68-2057

SYNTHESIS AND ABSOLUTE CONFIGURATION OF OPTICALLY ACTIVE PHOSPHINE OXIDES AND PHOSPHINATES AFOSR68-2496

SYNTHESIS OF AZO COMPOUNDS BY REARRANGEMENT OF HYDRAZONES ARL 67-1190

SYNTHESIS AND PROPERTIES OF ALKAROMATIC CHLOROCARBONS. FINAL REPORT JUN 1968 ARL 68-0107

SYNTHESIS OF FINITE PASSIVE N-POINTS WITH PRESCRIBED POSITIVE REAL MATRICES OF SEVERAL VARIABLES RADCL 67-0365

A SYNTHESIS OF SHORT-PERIOD P-WAVE RECORDS FROM DISTANT EXPLOSION SOURCES AFCL67-0640

THE SYNTHESIS OF OPTICALLY ACTIVE SULPHONIDES FROM SULPHINAMIDES AFOSR68-1480

ON THE SYNTHESIS OF TWO-DIMENSIONAL ARRAYS WITH DESIRABLE CORRELATION PROPERTIES AFOSR68-1140

NETWORK SYNTHESIS AND SENSITIVITY RESEARCH FINAL REPORT SEPT 1967 AFAL 67-0221

A NOVEL SYNTHESIS OF 2,3-SECO-A-NOM-5 ALPHA-CHOLESTANE-2,3-DIOL AFOSR68-2235

RADIATION SYNTHESIS STUDIES FINAL REPORT APR 1968 AFCL68-0322

IMPEDANCE SYNTHESIS VIA STATE-SPACE TECHNIQUES AFOSR68-2505

RESEARCH IN SYNTHESIS AND CHARACTERIZATION OF HIGHLY ARLATED ORGANOSILICON COMPOUNDS FINAL REPORT JULY 1967 ARL 67-0159

ANALYSIS AND SYNTHESIS OF UNEQUALLY SPACED ARRAYS USING THE Z-TRANSFORM AFCL67-0270

SYNTHESIS

- CONTINUED

ANALYSIS AND SYNTHESIS OF NETWORKS USING RESONATORS COMPATIBLE WITH INTEGRATED ELECTRONICS
ANALYSIS AND SYNTHESIS OF DISCRETE-TIME SYSTEMS WITH CONTROL SIGNALS OF VARIABLE AMPLITUDE AND PULSE-WIDTH
ACTIVE NETWORK SYNTHESIS USING PRACTICAL AMPLIFIERS
ORGANOMETALLIC SYNTHESIS OF REACTIVE INTERMEDIATES FINAL REPORT JAN 1968
ON THE OPTIMUM SYNTHESIS OF STATISTICAL COMMUNICATION NETS-PSEUDO PARAMETRIC TECHNIQUES
STATE-VARIABLE SYNTHESIS FOR INSENSITIVE INTEGRATED CIRCUIT TRANSFER FUNCTIONS
STATE-VARIABLE SYNTHESIS OF INTEGRATED-CIRCUIT DISTRIBUTED RC TRANSFER FUNCTIONS
LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM INTERMETALLIC COMPOUNDS
LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM INTERMETALLIC COMPOUNDS
STUDY OF MODULAR SYNTHESIS OF SEQUENTIAL MACHINES FINAL REPORT AUG 1967
NETWORK FUNCTION SYNTHESIS USING NON-IDEAL GROUNDING AMPLIFIERS AND RC ONE-PORTS
LINEAR MULTIPORT SYNTHESIS
TRANSFER FUNCTION SYNTHESIS USING RESONATORS AND SOME ACTIVE RC RESONATORS
REGULATION OF RNA SYNTHESIS FINAL REPORT MAY 1968
BASIC RESEARCH ON SYNTHESIS OF NEW PHOSPHORUS-NITROGEN REAGENTS FINAL REPORT MAY 1968
A NEW METHOD FOR THE SYNTHESIS OF RADICAL CATIONS OF AROMATIC HYDROCARBONS
A ONE-STEP HIGH YIELD SYNTHESIS OF NONODECANHYDRO EICOSABDRANE TRIANION
THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE
THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE FINAL REPORT FEB 1968
THEORY OF TENSOR APPERTURE SYNTHESIS
FACTORS CONTROLLING PROTEIN SYNTHESIS FINAL REPORT JAN 1967
DECOUPLING IN THE DESIGN AND SYNTHESIS OF MULTIVARIABLE CONTROL SYSTEMS
ANISOTROPIC MEDIA AND NETWORK SYNTHESIS FINAL REPORT OCT 1967
A QUASILINEAR TIME-VARIABLE SYNTHESIS SUITABLE FOR INTEGRATED CIRCUITS
A FINITE STATE APPROACH TO THE SYNTHESIS OF BIOENGINEERING CONTROL SYSTEMS
BRIDGED RING SYSTEMS-III THE SYNTHESIS OF CYCLOHEPTENE CARBOXYLIC ACIDS
NEW HYDROAROMATIC COMPOUNDS XVII SYNTHESIS OF SOMAZARENES
LINEAR SEQUENTIAL CIRCUITS ANALYSIS SYNTHESIS AND APPLICATIONS
AN ADAPTIVE COMPUTING SYSTEM FOR THE SYNTHESIS OF THRESHOLD LOGIC NETWORKS
TECHNIQUES FOR THE OPTIMAL DESIGN AND SYNTHESIS OF SWITCHING CIRCUITS
AN AZO-HYDRAZONE TAUTOMERISM AND APALRANE SYNTHESIS
UTILIZATION OF THE LAMBDA FUNCTIONS IN THE ANALYSIS AND SYNTHESIS OF NONPULSE ANTENNA DIFFERENCE PATTERNS
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XXII THE SYNTHESIS OF UNUSUAL CYCLOPENTADIENYLNIOLYDENUM NITROSYL
LOGIC NETS THEIR CHARACTERIZATION RELIABILITY AND EFFICIENT SYNTHESIS FINAL REPORT OCT 1967
SYNTHESIS OF TROPINE-LABELED ATROPINE I MICRO METHODS FOR THE SYNTHESIS OF TROPINE AND FOR ITS ESTERIFICATION WITH
THE ABSOLUTE CONFIGURATION OF METHYL ALLYL SULFOXIDE STEREOCHEMISTRY OF THE GRIGNARD SYNTHESIS OF OPTICALLY ACTIVE
CIGENOLEMENTS OF THE FINITE FOURIER TRANSFORM AND THEIR APPLICATION TO ANTENNA PATTERN SYNTHESIS
APPLICATION OF GENERALIZED FUNCTION THEORY TO NETWORK REALIZABILITY THEORY AND TIME DOMAIN SYNTHESIS OF POSITIVE-REAL
FROM RESEARCH TO APPLICATION A FOLLOW-UP EFFECTIVENESS STUDY OF GRANT AF-AFOSR 177-63 COMPUTER ANALYSIS AND SYNTHESIS

AFCL67-0472
AFOSR67-1467
AFOSR67-0390
AFOSR68-0167
AFOSR68-0843
AFOSR68-0942
AFOSR68-2804
ARL 68-1188
ARL 68-1381
AFCL67-0404
AFCL68-0111
AFOSR67-0633
AFCL67-0130
AFOSR68-1423
ARL 68-0101
AFOSR68-0396
AFOSR68-1726
AFCL67-0290
AFOSR68-0109
AFCL67-0226
AFOSR67-0303
AFOSR68-1330
AFCL67-0806
AFOSR68-0887
AFOSR67-0451
AFOSR68-0733
AFOSR68-0618
AFOSR68-0038
AFOSR68-0039
AFOSR68-2006
ARL 67-1117
AFOSR68-0838
AFOSR68-0692
AFOSR67-0619
AFOSR67-2104
AFOSR67-0610
AFOSR67-0342
AFCL68-0389
AFOSR67-1819

SYNTHESIZER

A RFAL TIME FOURIER TRANSFORM SYNTHESIZER
DEVELOPMENT AND EVALUATION OF VCODER SYNTHESIZER FOR THE KY-585/U VCODER

AFCL67-0049
AFCL67-0002

SYNTHESIZING

SYNTHESIZING THE WAVEFORMS OF RATS PULSES

AFOSR67-2124

SYNTHETIC

SYNTHETIC ARRAY MAPPING AND TARGET DETECTION /U/
USE OF SYNTHETIC POLYPEPTIDES IN STUDIES ON THE CONTROL OF ANTIBODY FORMATION
ENDOLATE ANIONS AS SYNTHETIC INTERMEDIATES
DIFFERENCES IN IMMUNE RESPONSE TO SYNTHETIC ANTIGENS IN TWO INBRED STRAINS OF GUINEA-PIGS
INDUCTION OF UNRESPONSIVENESS TO A SYNTHETIC ANTIGEN CAPABLE OF PROVOKING EXCLUSIVELY DELAYED-TYPE SENSITIVITY IN
NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1966
NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1967
FORMATION AND ISOLATION OF RABBIT ANTIBODIES TO A SYNTHETIC ANTIGEN OF LOW MOLECULAR WEIGHT
RIS /TRIMETHYLSILYLCHLOROMETHYL/ MERCURY A NEW AND USEFUL REAGENT IN SYNTHETIC ORGANOSILICON CHEMISTRY

AFCL67-0649
AFOSR68-0534
AFOSR67-2678
AFOSR67-2350
AFOSR68-0535
AFOSR67-0610
AFOSR68-0520
AFOSR67-2349
AFOSR68-1883

SYSTEM

SYSTEM FOR OBSERVING SMALL NONLINEARITIES IN TUNNEL JUNCTIONS
SYSTEM DESIGN EVALUATION AND COSTING--IN PLAIN ENGLISH
SYSTEM FOR MEASURING FREQUENCIES UP TO 345 GHZ
SYSTEM IDENTIFICATION AND THE PRINCIPLE OF RANDOM CONTRACTION MAPPING
SYSTEM FOR MEASURING MICROGRAM WEIGHT CHANGES UNDER CONTROLLED OXYGEN PARTIAL PRESSURE TO 1800 DEGREES C
A SYSTEM FOR AUTOMATIC COLLECTION OF GEOMAGNETIC DATA IN DIGITAL FORM FINAL REPORT FEB 1967
A SYSTEM FOR AUTOMATIC COLLECTION AND PROCESSING OF GEOMAGNETIC DATA IN DIGITAL FORM
A SYSTEM TO PERFORM REAL-TIME FOURIER SPECTROSCOPY
A SYSTEM OF INEQUALITIES FOR THE INCOMPLETE GAMMA FUNCTION AND THE NORMAL INTEGRAL
THE SYSTEM ZIRCONIA-HAFNIA
ANTENNA SYSTEM OPTIMIZATION BY TRANSCOMPARISON FUNCTION MAXIMIZATION THEORY
ANTENNA SYSTEM OPTIMIZATION BY TRANSCOMPARISON FUNCTION MAXIMIZATION APPLICATIONS
DISCRETE SYSTEM THEORY AND BIOCONTROL SYSTEM FINAL REPORT AUG 1968
A GASEOUS SYSTEM OF HIGH LUMINOUS EFFICIENCY
A LISP 1.5 SYSTEM FOR THE M44 COMPUTER FINAL REPORT JAN 1967
PROGRAM OF SYSTEM RESEARCH FINAL REPORT DEC 1968
OBSERVATION SYSTEM BIAS ESTIMATION FROM SATELLITE OBSERVATIONS FINAL REPORT AUG 1967
RESEARCH IN SYSTEM THEORY FINAL REPORT OCT 1968
ANIMAL SONAR SYSTEM BIOLOGY AND BIOINICS VOLUMES 1 AND 2 SYMPOSIUM ON BIONIC MODELS OF THE ANIMAL SONAR SYSTEM VILLA
UHF TELEMETRY SYSTEM TEST FLIGHT
THE DMN 940 LISP SYSTEM
BALLOON DELIVERY SYSTEM /U/
A REPRESENTATION SYSTEM FOR PARSING PROCEDURES
THE PDMAF ASSEMBLY SYSTEM
SCADS A PROGRAMMING SYSTEM FOR THE SIMULATION OF COMBINED ANALOG DIGITAL SYSTEMS
RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH FINAL REPORT FEB 1968
POSITIVE ION SENSING SYSTEM FOR THE MEASUREMENT OF SPACECRAFT PITCH AND YAW AIR FORCE D-10 EXPERIMENT FLOWN ON GEMINI
A NONLINEAR DISCRETE SYSTEM EQUIVALENCE OF INTEGRAL PULSE FREQUENCY MODULATION SYSTEMS
THE ZIRCONIA-SCANDIA SYSTEM
LASER FOG DISORDERLY SYSTEM FINAL REPORT JUNE 1967
A GAMMA RAY DETECTING SYSTEM FINAL REPORT MAY 1967
AN ADAPTIVE COMPUTING SYSTEM FOR THE SYNTHESIS OF THRESHOLD LOGIC NETWORKS
THE FORTMAN DEDUCTIVE SYSTEM
PORTABLE SEISMIC ARRAY SYSTEM
A STEREOSCOPIC DISPLAY SYSTEM FOR ELECTRON MICROSCOPE INSTRUMENTS
AN ACOUSTICAL TRACKING SYSTEM USING A DELTA CORRELATOR
A NEW POLAR AXIS MOTION SYSTEM
A FAST OPTICAL CEREKOV SYSTEM FOR DIRECTIONAL STUDIES OF POSSIBLE GAMMA-RAY SOURCES
AN ADAPTIVE TREE PRUNING SYSTEM A LANGUAGE FOR PROGRAMMING HEURISTIC TREE SEARCHES
PROPERTIES OF THE ADAPSE SYSTEM FROM THE SHEATH OF SQUID GIANT AXONS
RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND FINAL REPORT OF
RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND
A UNIQUE DOUBLE DEPOSITION SYSTEM

AFOSR67-0509
AFOSR67-1998
AFOSR68-0658
AFOSR68-1798
ARL 68-0088
AFCL67-0281
AFCL68-0259
AFCL68-0401
ARL 67-0259
ARL 68-0046
AFCL67-0150
AFCL67-0168
AFOSR68-2310
ARL 67-1101
AFCL67-0647
AFOSR68-2877
AFCL67-0630
AFOSR68-2405
AFOSR67-2074
AFCL68-0445
AFCL67-0450
AFCL67-0582
AFOSR68-1301
AFOSR67-2401
AFOSR67-2518
AFOSR68-2886
AFCL67-0158
AFOSR68-2323
ARL 67-1338
AFCL67-0399
AFOSR67-1215
AFOSR68-0039
AFOSR68-0818
AFCL68-0308
AFOSR67-1410
AFOSR67-1564
AFOSR67-0209
AFOSR68-2725
AFOSR68-0038
AFOSR68-1707
AFOSR68-0812
AFOSR68-2330
AFCL67-0096

AN INTEGRATED METEOR RADAR SYSTEM FOR WIND AND DENSITY MEASUREMENTS IN THE UPPER ATMOSPHERE FINAL REPORT MAY 1967
 STUDIES FOR A GEODETIC LASER SYSTEM FINAL REPORT MAY 1967
 ON RELATING THE BEHAVIOR OF A SYSTEM TO THE BEHAVIOR OF ITS CONSTITUENTS A THEORY OF CELLULAR DIFFERENTIATION AND THE
 DESIGN FOR MAINTENANCE OF THE SYSTEM BANDWIDTH IN THE PRESENCE OF PARAMETER CHANGES FINAL REPORT MAR 1967
 SUPERCONDUCTIVITY IN THE ALLOY SYSTEM INDIUM-THALLIUM
 A COMPUTER-AIDED INSTRUCTIONAL SYSTEM FOR TRANSMISSION LINE SIMULATION
 RADAR OBSERVATIONS OF THE SOLAR SYSTEM
 THE FLUOROSULFURIC ACID SOLVENT SYSTEM V IODINE TRIFLUOROSULFATE
 THE FLUOROSULFURIC ACID SOLVENT SYSTEM IV THE SOLUTES WATER AND POTASSIUM NITRATE
 THE FLUOROSULFURIC ACID SOLVENT SYSTEM II SOLUTIONS OF ANTIMONY TETRAPHOSPHIDE ANTIMONY PENTAPHOSPHIDE
 STABILITY CONDITIONS FOR A BODEN SYSTEM INTERACTING WITH A PARTLY REPULSIVE AND PARTLY ATTRACTIVE POTENTIAL
 OPTICAL EXTINCTION IN THE COLLOID SYSTEM NaCl-Na
 AN ANALYSIS OF THE AN/PSS-16-ROSE SYSTEM
 SATELLITE DATA REDUCTION PROCESSOR SYSTEM
 DESIGN OF THE G-81 MULTI-PROCESSOR SYSTEM
 BULK COME IN A 360/87 TIME-SHARING SYSTEM
 INVARIANT ESTIMATION OF STOCHASTIC SYSTEM PARAMETERS
 CONTROL OF A DISTRIBUTED PARAMETER SYSTEM WITH A FREE BOUNDARY
 A FORMAL DEDUCTIVE PROBLEM-SOLVING SYSTEM
 AN ADVANCED METEOROLOGICAL SOUNDING SYSTEM PHASE II /PROOF-OF-CONCEPT/
 SATELLITE INSTRUMENTATION PROCESSOR SYSTEM FINAL REPORT MAY 1968
 A BROAD-RANGE MAGNETIC SPECTROGRAPH SYSTEM FOR ROUTINE ANGULAR DISTRIBUTION DETERMINATIONS
 RECIPROCAL CONTROLS BETWEEN NERVOUS SYSTEM AND ENDOCRINE SECRETION FINAL REPORT FEB 1967
 MATRIX ELEMENTS FOR A THREE-NUCLEON SYSTEM /II/
 MATRIX ELEMENTS FOR A THREE-NUCLEON SYSTEM /I/
 LARGE APERTURE SEISMIC TELEMETERING SYSTEM FOR CENTRAL ALASKA
 EFFECTS OF THE LESIONS OF THE RAPHE SYSTEM UPON SLEEP AND CEREBRAL SEROTONIN /FRENCH/
 AIRBORNE RECONNAISSANCE MAGNETOMETER SYSTEM /U/ FINAL REPORT DEC 1967
 AIRBORNE RECONNAISSANCE MAGNETOMETER SYSTEM (U) FINAL REPORT JUNE 1968
 PLAN FOR IMPLEMENTING AN INFORMATION SYSTEM FOR MARINE SCIENCES LITERATURE
 SYRMAN EFFECT IN A SPINLESS TWO-BODY SYSTEM
 ANGULAR FUNCTIONS FOR A THREE NUCLEON SYSTEM
 AN ANALYSIS ON THE 6250-ANGSTROM BAND SYSTEM OF CS₂
 DISCRETE SYSTEM THEORY AND BIOCONTROL SYSTEM FINAL REPORT AUG 1968
 THERMODYNAMICS OF THE TUNGSTEN-OXYGEN SYSTEM
 A HYBRID DATA ACQUISITION AND CONTROL SYSTEM FOR A HYPERSONIC WIND TUNNEL COMPLEX
 A ROCKET BORNE AIR DENSITY MEASUREMENT SYSTEM UTILIZING ELECTRON-BREMSSSTRAHLUNG-CALIBRATION AND FLIGHT
 THE MOMENTUM EQUATION OF A SOLID-FLUID SYSTEM
 MODELS ANALYSIS AND APPROXIMATIONS FOR SYSTEM RELIABILITY AND AVAILABILITY
 A MULTICATEGORY PATTERN CLASSIFICATION SYSTEM
 OPTIMAL STATIONARY CONTROL OF A LINEAR SYSTEM WITH STATE-DEPENDENT NOISE
 GRAVITATIONAL RADIATION FROM THE SOLAR SYSTEM
 RECOVERY OF EVOKED POTENTIALS IN VISUAL SYSTEM FOLLOWING INTENSE STIMULATION
 MONOAMINERGIC MECHANISMS IN THE NERVOUS SYSTEM OF LUMBRICUS TERRESTRIS A /
 SPATIAL REMAPPING IN THE PRIMATE VISUAL SYSTEM
 NARROW BAND LONG RANGE COLOR TELEVISION SYSTEM INCORPORATING COLOR ANALYZER
 HUMAN INFORMATION-PROCESSING CONCEPTS FOR SYSTEM ENGINEERS
 COMPARATIVE NEUROPHYSIOLOGY OF THE VISUAL SYSTEM FINAL REPORT SEPT 1967
 REACTIVITY CHANGES IN THE CENTRAL NERVOUS SYSTEM CONCOMITANT WITH CHRONIC FEAR AND FOOD DEPRIVED STATES
 ON MODE CANCELLATION IN THE MULTIVARIABLE SYSTEM
 COMPARATIVE NEUROPHYSIOLOGY OF THE VISUAL SYSTEM FINAL REPORT SEPT 1968
 INDUCTION-HEATED HIGH-TEMPERATURE BALANCE SYSTEM
 RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEM
 FORCED OSCILLATION OF A SECOND ORDER RELAY SYSTEM WITH DAMPING
 ANGULAR RESOLUTION OF A PASSIVE TWO-ANTENNA SYSTEM
 INVESTIGATION OF MAG0340 DISPLAY OPERATING SYSTEM IMPROVEMENTS FINAL REPORT DEC 1968
 ON THE NUMERICAL INTEGRATION OF A SYMMETRIC SYSTEM OF DIFFERENCE-DIFFERENTIAL EQUATIONS OF NEUTRAL TYPE
 STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360
 THE SPARSE ATMOSPHERIC ELECTRICITY DETECTION SYSTEM AS MODIFIED BY THE ADDITION OF THE IMAGE STORAGE TUBE
 ALTITUDE PROFILE OF THE INFRARED ATMOSPHERIC SYSTEM OF OXYGEN IN THE DAYGLOW
 A SOLUTION FOR A CLASS OF PROBLEMS OF LINEAR SYSTEM OPTIMIZATION /ITALIAN/
 THEORETICAL STUDY OF THE RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH FINAL REPORT FEB
 PRESSURE-VOLUME-TEMPERATURE RELATIONS IN THE SYSTEM METHANE-TETRAFLUOROMETHANE I GAS DENSITIES AND THE PRINCIPLE OF
 POSITION OF THE COUNTY IN THE ADMINISTRATIVE SYSTEM
 HIGH PRESSURE HIGH TEMPERATURE CRYSTAL GROWTH SYSTEM
 THE DESIGN AND USE OF AN FM/AM RADIOTELEMETRY SYSTEM FOR MULTICHANNEL RECORDING OF BIOLOGICAL DATA
 AN EXPERIMENTAL ON-LINE INFORMATION RETRIEVAL SYSTEM
 NATURE OF VESICLES ASSOCIATED WITH THE NERVOUS SYSTEM OF CEPHALOPODS
 APPLICATION OF INFORMATION THEORY TO THE NERVOUS SYSTEM FINAL REPORT APRIL 1967
 AN ADAPTIVE MULTICATEGORY PATTERN CLASSIFICATION SYSTEM
 STRUCTURAL AND FUNCTIONAL ADAPTATION IN A VISUAL SYSTEM
 THE USE OF STOCHASTIC APPROXIMATION TO SOLVE THE SYSTEM IDENTIFICATION PROBLEM
 RESEARCH ON INFORMATION PROCESSING IN THE CENTRAL SYSTEM FINAL REPORT AUG 1967
 A DIGITAL AIRBORNE METEOROLOGICAL DATA COLLECTION SYSTEM
 A LARGE DYNAMIC RANGE MICROWAVE POWER MEASUREMENT SYSTEM EMPLOYING FEEDBACK
 ON CONSTRUCTING FORMAL INTEGRALS OF A HAMILTONIAN SYSTEM NEAR AN EQUILIBRIUM POINT
 NONPLANAR CYCLOBUTANE I THE 3-ISOPROPYLCYCLOBUTYL SYSTEM NUCLEAR MAGNETIC RESONANCE SPECTRA OF ALCOHOLS AND AMINES
 A METHODOLOGY FOR EVALUATING TIME-SHARED COMPUTER SYSTEM USAGE
 A MICRO-EARTHQUAKE SURVEY OF THE SAN ANDREAS FAULT SYSTEM IN SOUTHERN CALIFORNIA
 CHARACTERISTICS OF A HIGH PRESSURE A.C. ARC HEATER SYSTEM, FINAL REPORT DEC 1967
 PROPERTIES OF THE ARC MAGNETO PLASMA DEVICE PART I SYSTEM OPERATION AND PLASMA GENERATION FINAL REPORT MAY 1968
 GENERALIZED TRANSFORMATION TO A ROTATING COORDINATE SYSTEM IN QUANTUM MECHANICS
 THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON I A CONNECTION TO THE ADIABATIC
 THE POLARIZATION OF A CLOSED-SHELL CORE OF AN ATOMIC SYSTEM BY AN OUTER ELECTRON II EVALUATION OF THE POLARIZABILITIES
 ION CYCLOTRON INSTABILITIES IN A ROUNDED BEAM-PLASMA SYSTEM
 EQUILIBRIUM THERMODYNAMIC DATA FOR THE H₂SO₄-H₂O SYSTEM
 NON-EQUILIBRIUM SOLUTIONS FOR THE RADIATIVE DECAY OF A SYSTEM OF OSCILLATORS HARMONIC AND ANHARMONIC
 DESIGN PRINCIPLES FOR AN ON-LINE INFORMATION RETRIEVAL SYSTEM
 SOLUTION OF THE SINGULAR CAUCHY PROBLEM FOR A SINGULAR SYSTEM OF PARTIAL DIFFERENTIAL EQUATIONS IN THE MATHEMATICAL
 THE EFFECTS ON LOCOMOTION OF LESIONS TO THE VISUO-MOTOR SYSTEM IN OCTOPUS
 A PSEUDOPOTENTIAL CALCULATION OF THE CO₂-SE MIXED ALLOY SYSTEM
 THE THERMAL DECOMPOSITION OF OXYGEN DIFLUORIDE IN A FLOW SYSTEM
 ON THE PSYCHOLOGICAL IMPORTANCE OF TIME IN A TIME SHARING SYSTEM
 A FEASIBILITY AND DESIGN STUDY FOR AN AIRBORNE RADIORETIC SYSTEM TO MEASURE REMOTELY THE VERTICAL PROFILE OF
 COMMUNICATION AND INFORMATION THEORY ASPECTS OF THE NERVOUS SYSTEM FINAL REPORT JULY 1967
 THERMODYNAMIC PROPERTIES AND PHASE EQUILIBRIA IN THE H₂O-D₂O SYSTEM
 LOCALIZATION OF MONOAMINERGIC NEURONS IN THE CENTRAL NERVOUS SYSTEM OF ASTACUS LINNE /CRUSTACEA/
 A QUANTITATIVE STUDY ON THE MICRO-MOSTRIAL DOPAMINE NEURON SYSTEM IN THE RAT
 NUCLEAR-MAGNETIC-RESONANCE FREE INDUCTION DECAY IN A TWO-SPIN SYSTEM
 A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE OF ACTIONS IN THE SYSTEM BORON TRIFLUORIDE-METHANOL A MODIFIED
 DEVELOPMENT AND ANALYSIS OF MODELS FOR A MAP MATCHING NAVIGATION SYSTEM
 RELIABILITY AND OPTIMUM DESIGN OF THE INTERCONNECTIONS OF A POWER SYSTEM
 CONFIGURATION-INTERACTION STUDY OF THE LINEAR TRI-ATOMIC HYDROGEN SYSTEM
 ORIENTATION-DEPENDENT STICKING COEFFICIENT IN THE GERMANIUM-OXYGEN SYSTEM
 SINGLE PARTICLE GREENS FUNCTION FOR A ONE-DIMENSIONAL MANY-FERMION SYSTEM
 COMPARISON OF MULTIDIMENSIONAL DECISION-THEORETIC ANTENNA PROCESSING SYSTEM AND CONVENTIONAL SYSTEMS

AFCL67-0347
 AFCL67-0229
 AFOSR68-0217
 SRL 67-0007
 AFOSR67-1052
 AFOSR68-1658
 AFOSR67-0187
 AFOSR67-0543
 AFOSR67-0544
 AFOSR67-0545
 AFOSR67-0507
 AFOSR68-1840
 AFCL67-0534
 AFCL67-0561
 AFOSR67-0857
 AFOSR67-1948
 AFOSR67-2244
 AFOSR68-0216
 AFOSR68-0828
 AFCL67-0268
 AFCL68-0294
 AFOSR67-0446
 AFOSR67-0920
 AFOSR67-1359
 AFOSR67-1360
 AFOSR67-2131
 AFOSR67-2564
 AFCL67-0804
 AFCL68-0358
 AFOSR68-0378
 AFOSR68-0742
 AFOSR67-1396
 AFOSR68-1328
 AFOSR68-2310
 ARL 68-0057
 ARL 68-1385
 AFCL67-0613
 AFOSR67-0657
 AFOSR67-1438
 AFOSR67-1946
 AFOSR67-2299
 ARL 67-1031
 AFOSR67-1594
 AFOSR68-0318
 AFOSR68-0248
 ARL 67-1138
 AFOSR67-1799
 AFOSR67-2384
 AFOSR68-0663
 AFOSR68-1606
 AFOSR68-2317
 ARL 67-0171
 AFCL67-0370
 AFOSR67-1025
 AFCL67-0368
 AFCL68-0591
 AFOSR68-0674
 AFOSR68-0763
 AFCL67-0183
 AFCL68-0580
 AFOSR68-0676
 AFOSR68-0666
 AFOSR68-1231
 AFOSR68-2303
 AFCL67-0654
 AFOSR68-0833
 AFOSR68-1600
 AFOSR68-0288
 AFOSR67-0922
 AFOSR68-0279
 AFOSR68-0700
 AFOSR68-2278
 AFCL67-0145
 AFCL67-0420
 AFCL67-0586
 AFOSR67-0136
 AFOSR67-0457
 AFOSR68-0795
 AFOSR67-2143
 ARL 67-0217
 ARL 68-0008
 AFOSR67-1946
 AFCL68-0523
 AFCL68-0524
 AFOSR67-0467
 ARL 68-0205
 AFCL67-0496
 AFOSR67-0423
 AFOSR67-1536
 AFOSR68-0902
 ARL 67-1080
 AFOSR68-1356
 AFCL68-0120
 AFCL68-0107
 AFOSR67-1522
 ARL 68-1163
 AFOSR67-0105
 AFOSR67-0870
 AFOSR67-2641
 AFOSR67-2478
 AFOSR68-2050
 AFOSR67-1707
 AFOSR68-2101
 AFOSR68-0555
 AFOSR68-1465
 AFCL68-0366

A MATHEMATICAL MODEL OF THE FLOW OF DATA IN A MANAGEMENT INFORMATION SYSTEM
 SOLVATION OF EXTRACTED COMPLEX METAL ACIDS IV THE HAUCLA-NITROBENZENE SYSTEM
 TIME EVOLUTION OF THE TOTAL DISTRIBUTION FUNCTION OF A ONE-DIMENSIONAL SYSTEM OF HARD RODS
 NONPLANAR CYCLOBUTANE-II THE METHYL 3-ISOPROPYLCYCLOBUTANE- CARBOXYLATE SYSTEM
 THE CONTROL OF LEARNING IN SMALL SUBSYSTEMS OF A PROGRAMMED EDUCATIONAL SYSTEM
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM PROGRAM MANUAL FINAL REPORT FEB 1968
 DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES DISPLAY SYSTEM OPERATORS MANUAL FINAL REPORT FEB
 SOLVATION OF EXTRACTED COMPLEX METAL ACIDS III THE HAUCLA DISTHL ETHER SYSTEM
 KINETIC EQUATIONS AND DENSITY EXPANSIONS EXACTLY SOLVABLE ONE-DIMENSIONAL SYSTEM
 STABILITY CONDITIONS FOR A MIXED DISTRIBUTED AND LUMPED PARAMETER CONTROL SYSTEM
 MASS SPECTROMETRIC STUDY OF RARE EARTH-CARBON SYSTEMS. I. THE CERIUM-CARBON SYSTEM. II. ATOMIZATION ENERGY OF THE MOCA
 CALIBRATION STUDY FOR A SIX-DEGREE-OF-FREEDOM MAGNETIC BALANCE AND SUSPENSION SYSTEM
 REARRANGEMENT OF CARBONIUM IONS AND FREE RADICALS IN THE BICYCLO /3,1,0/ HEXYL SYSTEM
 PERMANENT INDOMINA AND DIMINUTION OF CYPORAL SEROTONIN BY LESION OF THE RAMF SYSTEM IN THE CAT /FRENCH/
 ELECTROMAGNETIC FIELD IN A SPHERICAL CAVITY WITH A CONCENTRIC ANISOTROPIC SHELL SYSTEM
 DESIGN DEVELOPMENT AND FLIGHT TEST OF THE VIPER DART ROBIN METEOROLOGICAL ROCKET SYSTEM FINAL REPORT JUNE 1968
 SUPERCONDUCTING CRITICAL FIELDS CURRENTS AND TEMPERATURES IN THE Hg-BZ-N TERNARY SYSTEM
 SYSTEMS MANUAL FOR THE EXPERIMENTAL LITERATURE COLLECTION AND REFERENCE RETRIEVAL SYSTEM OF THE CENTER FOR THE
 A COMPUTER PROGRAM FOR CALCULATING SECTIONS OF THE RECIPROCAL LATTICE OF ANY CRYSTAL SYSTEM
 LINKED CLUSTER THEOREM AND THE GREENS FUNCTION EQUATIONS OF MOTION FOR A MANY-FERMION SYSTEM
 NEPHROLOGY FOR THE ANALYSIS OF INTERNAL SOCIAL MOVEMENTS /SOCIAL MOVEMENTS AND SOCIAL SYSTEM CHANGE/
 PROVIDE PAYLOAD FOR AEROSOL ROCKET REFURBISH AND TEST A LUNAR POINTING CONTROL AND TELEMETRY SYSTEM FINAL REPORT NOV
 NEUROPHARMACOLOGICAL STUDIES AND POSTULATES ON EXCITATION AND DEPRESSION IN THE CENTRAL NERVOUS SYSTEM
 ANIMAL SONAR SYSTEM BIOLOGY AND BIOINICS VOLUMES 1 AND 2 SYMPOSIUM ON ACOUSTIC MODELS OF THE ANIMAL SONAR SYSTEM VILLA
 THE BASIC LIMITATIONS IN THERMAL IMAGE DETECTION AS AFFECTED BY COOLING, SPECTRAL MATCHING, THE OPTICAL SYSTEM AND
 MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS OF THE CYANOGEN-OXYGEN-BORON TRICHLORIDE PLASMA SYSTEM
 MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS OF THE CYANOGEN-OXYGEN-BORON TRICHLORIDE PLASMA SYSTEM

SYSTEMATIC

SYSTEMATIC POSITRONIUM CHEMISTRY
 A CHARACTERIZATION OF THE STABLES AND SYSTEMATIC PROCESS /FRENCH/

SYSTEMATICS

SUMMER INSTITUTE IN SYSTEMATICS 1967 - TRANSCRIPT OF LECTURES SUMMER INSTITUTE IN SYSTEMATICS WORKING CONFERENCE 25
 THE DECAY OF TERBIUM-142 AND BETA DECAY SYSTEMATICS
 SUMMER INSTITUTE IN SYSTEMATICS 1967 - TRANSCRIPT OF LECTURES SUMMER INSTITUTE IN SYSTEMATICS WORKING CONFERENCE 25

SYSTEMS

SYSTEMS ANALYSIS AND ADDITIONAL INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND PULSE DOPPLER RADAR
 SYSTEMS MANUAL FOR THE EXPERIMENTAL LITERATURE COLLECTION AND REFERENCE RETRIEVAL SYSTEM OF THE CENTER FOR THE
 ON SYSTEMS WITH UNKNOWN OR UNCERTAIN PARAMETERS
 FORMAL SYSTEMS OF INTUITIONISTIC ANALYSIS I
 CODING SYSTEMS IN PERCEPTION AND COGNITION
 CODING SYSTEMS IN PERCEPTION AND COGNITION
 OPTIMUM SYSTEMS CONTROL
 OPTICAL SYSTEMS FOR NIGHT TIME AIR-SEA RESCUE
 DISCRETE SYSTEMS AND DIGITAL COMPUTER CONTROL
 BRAIN STEM SYSTEMS AND BEHAVIOR FINAL REPORT JULY 1967
 RANDOM SPIN SYSTEMS SOME RIGOROUS RESULTS
 ON DYNAMICAL SYSTEMS WITH HIGH FREQUENCY PARAMETRIC EXCITATION
 FLIGHT CONTROL SYSTEMS AND LAUNCHING TECHNIQUES FOR AIR BALLAST SYSTEMS
 SPECTR ANALYZER SYSTEMS FINAL REPORT JUN 1968
 MODERN COMPUTERS SYSTEMS AND THEIR APPLICATIONS TO A RESEARCH LABORATORY
 IMPROVED CATHODE SYSTEMS FOR HIGH-ENERGY PRIMARY BATTERIES
 ERROR BOUNDS FOR SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS
 INVESTIGATIONS IN SYSTEMS THEORY FINAL REPORT MARCH 1968
 AUTOMATIC CONTROL SYSTEMS FOR LOGGED LOCOMOTION MACHINES
 EXTENDED DYNAMICAL SYSTEMS AND STABILITY THEORY
 ABSTRACT HYDROLOGICAL SYSTEMS AS SEQUENTIAL MACHINES III SOME ALGEBRAIC ASPECTS
 ABSTRACT HYDROLOGICAL SYSTEMS AS SEQUENTIAL MACHINES BEHAVIORAL REVERSIBILITY
 THEORY OF DYNAMICAL SYSTEMS REPRESENTED BY DIFFERENTIAL EQUATIONS AND ALGEBRAIC STRUCTURES
 STRUCTURALLY STABLE SYSTEMS ON OPEN MANIFOLDS ARE NEVER DENSE
 FEEDBACK AND CONTROL SYSTEMS IN SPATIALLY-ORIENTED BEHAVIOR FINAL REPORT SEPT 1967
 CLASSICAL BEHAVIOR OF SYSTEMS OF QUANTUM OSCILLATORS
 ON THE EQUIVALENCE OF SYSTEMS OF PARTIAL DIFFERENTIAL EQUATIONS
 FEEDBACK COMMUNICATION SYSTEMS II FINAL REPORT NOV 1967
 COLLECTIVE METHODS FOR SYSTEMS WITH LONG-RANGE COHERENCE FINAL REPORT MAR 1968
 EMERGENT PROPERTIES OF SYSTEMS
 CONVERG PROGRAMMING AND SYSTEMS OF ELEMENTARY MONOTONIC RELATIONS
 SENSITIVITY OF DISCRETE SYSTEMS TO VARIATION OF SAMPLING INTERVAL
 LINEAR DISCRETE OPTIMAL SYSTEMS WITH SIDE CONSTRAINTS
 LAGRANGE FORMULATION FOR SYSTEMS WITH HIGHER SPIN
 NON-STEADY MODULATED MHD SYSTEMS
 THE PHYSICS OF METASTABLE SYSTEMS FINAL REPORT MAY 1967
 REALIZATION OF STOCHASTIC SYSTEMS
 ON THE RESPONSE OF LINEAR SYSTEMS TO INPUTS WITH LIMITED AMPLITUDES AND SLOPES
 A STABILITY CRITERION FOR SYSTEMS WITH A SINGLE SLOPE -RESTRICTED MONOTONE NONLINEARITY
 SMOLUCHOWSKI EQUATION FOR SYSTEMS WHICH DO NOT OBEY THE STOKES-EINSTEIN RELATION
 DESIGN OF ADAPTIVE CONTROL SYSTEMS THROUGH UTILIZATION OF SENSITIVITY CONCEPTS
 THE INFLUENCE OF OCULOMOTOR SYSTEMS ON VISUAL PERCEPTION
 THE MOORE SCHOOL INFORMATION SYSTEMS LABORATORY
 CONTROL OF LINEAR TIME DELAY SYSTEMS WITH ESSENTIALLY LINEAR COST FUNCTIONALS
 ON THE CONTROL OF STOCHASTIC SYSTEMS
 DIAGNOSTIC STUDIES OF WEATHER SYSTEMS OF LOW AND HIGH LATITUDES /ROSSBY NUMBER 1/ FINAL REPORT APRIL 1967
 OPTIMIZATION OF DISCRETE-TIME SYSTEMS WITH COMBINED MODULATION
 GAS-COOLED COLLOID DISPERSION SYSTEMS
 INVESTIGATIONS OF NITROGEN BAND SYSTEMS PROMINENT IN ELECTRIC DISCHARGES FINAL REPORT MAR 1968
 GENERALIZED LINEAR DIFFERENTIAL SYSTEMS AND RELATED RICCATI MATRIX INTEGRAL EQUATIONS
 DISCRETE LINEAR OPTIMAL CONTROL SYSTEMS WITH ESSENTIALLY QUADRATIC COST FUNCTIONALS
 STATISTICAL MECHANICS OF FINITE SYSTEMS ASYMPTOTIC EXPANSIONS I TWO PRIST CANONICAL ENSEMBLES- /N V T/ AND N P T/
 UNCERTAINTY ANALYSIS IN DYNAMIC SYSTEMS
 THE PHASE AR T2 IN THE TERNARY SYSTEMS LANTHANUM-ANTIMONY- TELLURIUM AND LANTHANUM-TIN-ANTIMONY
 QUANTUM THEORY OF MANY-PARTICLE SYSTEMS
 REFERENCE TIME DISTRIBUTIONS IN SYSTEMS WITH INTERNAL REFLEX
 INFORMATION TRANSFER IN COMPLEX SYSTEMS WITH APPLICATIONS TO REGULATION
 RELAXATION AND MOTION IN SIMPLE SYSTEMS FINAL REPORT MAY 1968
 STUDIES OF SEQUENTIAL DETECTION SYSTEMS WITH UNCERTAINTY FEEDBACK
 A NOTE ON MULTIRATE SAMPLED-DATA SYSTEMS
 STABILITY OF STOCHASTIC DYNAMICAL SYSTEMS
 MAXWELL EQUATIONS AND DETERMINATE SYSTEMS
 SIGNAL FLOW GRAPHS OF SAMPLING-DATA SYSTEMS A NEW FORMULATION
 STABILITY OF LINEAR TIME-INVARIANT SYSTEMS
 AN OBJECTIVE FUNCTION FOR COMPUTER SYSTEMS SCHEDULING OCT 1968

INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW PART II FINAL REPORT JULY 1968 ARL 66-0133
INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW, PART I FINAL REPORT JULY 1968 ARL 66-0134
CHEMICAL TRANSPORT IN NONCONVECTIVE SYSTEMS AFOSR67-0608
FORCED OSCILLATIONS IN SECOND ORDER SYSTEMS WITH BOUNDED NONLINEARITIES AFOSR67-2752
THE SELF-ADJOINTNESS FOR LAGRANGIAN SYSTEMS AFOSR68-1903
LYAPUNOV BOUNDS FOR THE SOLUTION OF SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS ARL 67-1273
INFORMATION PROCESSING IN BIOLOGICAL SYSTEMS FINAL REPORT APRIL 1967 AFOSR67-2262
SOME COMPARISONS BETWEEN THE NERVOUS SYSTEMS OF CEPHALOPODS AND MAMMALS AFOSR68-0286
MATHEMATICAL MODELS OF PHYSIOLOGICAL SYSTEMS ARL 66-1240
MATHEMATICAL MODELS OF PHYSIOLOGICAL SYSTEMS ARL 66-1257
DATA TRANSMISSION AND INSTRUMENTATION SYSTEMS FOR SPACE VEHICLES FINAL REPORT APR 1967 AFCL67-0336
CHARGE AND ENERGY TRANSFER IN ORGANIC SYSTEMS FINAL REPORT MAY 1968 AFOSR68-1344
DEVELOPMENT AND TESTING OF AIR BALLAST SYSTEMS FINAL REPORT OCT 1968 AFCL68-0866
THE PROBLEM OF MULTIPARAMETER ADAPTIVE SYSTEMS HAVING PRECIPITATED POLES AND ZEROS AFOSR67-0765
DAMPING SMALL-SCALE INERTIAL NAVIGATION SYSTEMS AFOSR68-0198
ON OBSERVERS IN MULTI-VARIABLE CONTROL SYSTEMS AFOSR68-2640
MATHEMATICAL MODELING OF PHYSIOLOGICAL SYSTEMS ARL 66-1270
ALGEBRAIC STRUCTURE OF LINEAR DYNAMICAL SYSTEMS I: THE MODULE OF SIGNALS AFOSR67-1469
ANALYSIS AND SYNTHESIS OF DISCRETE-TIME SYSTEMS WITH CONTROL SIGNALS OF VARIABLE AMPLITUDE AND PULSE-WIDTH AFOSR67-1467
CRITICAL DEGENERATENESS IN LARGE LINEAR SYSTEMS AFOSR68-1828
QUANTUM STATISTICS OF COUPLED OSCILLATOR SYSTEMS AFCL68-0069
STABILITY ANALYSIS OF PREDICTIVE CONTROL SYSTEMS AFOSR67-1339
RESEARCH ON ENERGY CONVERSION IN FLOWING SYSTEMS FINAL REPORT JAN 1968 AFOSR68-0284
NON-WHITE RANDOM EXCITATION OF NONLINEAR SYSTEMS ARL 67-1008
INTERACTION OF COHERENT LIGHT WITH ATOMIC SYSTEMS FINAL REPORT DEC 1968 AFCL68-0858
DERIVATIONS OF HIERARCHIES FOR N-PARTICLE SYSTEMS AND VLASOV SYSTEMS BY MEANS OF THE FUNCTIONAL CALCULUS AFOSR67-1806
ADAPTIVE CONTROL OF UNKNOWN TIME VARIABLE SYSTEMS AFOSR68-0233
ON THE RELATIVISTIC DYNAMICS OF POLARIZED SYSTEMS AFOSR68-1663
RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEMS FINAL REPORT MAY 1968 AFCL68-0866
STABILITY OF LINEAR MULTIVARIABLE FEEDBACK SYSTEMS AFOSR68-2645
OPTIMAL CONTROL OF DISCRETE-TIME STOCHASTIC SYSTEMS AFOSR67-0366
COMPLEX MIXING MODELS FOR CHEMICAL REACTION SYSTEMS FINAL REPORT MAY 1967 AFOSR67-2723
OPTIMUM TRANSIENT RESPONSE IN DAMPED LINEAR SYSTEMS AFOSR68-2427
MICROWAVE ALL-PASS NETWORKS FOR ANTENNA FEED SYSTEMS AFCL67-0235
MANAGE MECHANISMS IN THERMAL CONTROL COATING SYSTEMS FINAL REPORT SEPT 1967 AFCL 67-0894
OPTIMUM CRITICAL IMPULSE FOR SNAP-THROUGH IN SYSTEMS OF ONE DEGREE OF FREEDOM AFOSR67-1511
ALGEBRAIC ASPECTS OF THE THEORY OF DYNAMICAL SYSTEMS AFOSR67-2388
ON THE CONTROLLABILITY OF DELAY-DIFFERENTIAL SYSTEMS AFOSR68-0169
MODELS FOR ANALYZING INFORMATION AND COMMAND SYSTEMS FINAL REPORT OCT 1968 AFOSR68-2180
SIGNAL ANALYSIS METHODS FOR ADAPTIVE CONTROL SYSTEMS AFOSR68-2804
MASS SPECTROMETRIC STUDY OF RARE EARTH-CARBON SYSTEMS. I. THE CERIUM-CARBON SYSTEM. II. ATOMIZATION ENERGY OF THE MOCA AFML 67-0335
OPTIMAL CONTROL OF CONTINUOUS-TIME STOCHASTIC SYSTEMS AFOSR67-0424
ERROR DETECTING AND ERROR CORRECTING INDEXING SYSTEMS FOR LARGE SERIAL NUMBERS AFOSR67-1109
SOME LIMIT THEOREMS FOR ORDINARY DIFFERENTIAL SYSTEMS AFOSR67-1906
CONTROLLABILITY AND OBSERVABILITY OF FEEDBACK SYSTEMS AFOSR68-1182
INFRARED RADIATIVE ENERGY TRANSFER IN GASEOUS SYSTEMS FINAL REPORT AUGUST 1968 ARL 66-0151
HYDROLYSE ION TRANSFER REACTIONS IN HYDROCARBON SYSTEMS ARL 66-1042
A MAXIMUM PRINCIPLE OF THE POMERAYGIN TYPE FOR SYSTEMS DESCRIBED BY NONLINEAR DIFFERENCE EQUATIONS AFOSR67-0776
A NOTE ON FAMILIES OF SINGULAR STURM-LIOUVILLE SYSTEMS AFOSR67-2878
CORRELATION EFFECTS IN ATOMS III: FOUR-ELECTRON SYSTEMS AFOSR68-1172
CONTROLLABILITY AND OBSERVABILITY OF COMPOSITE SYSTEMS AFOSR68-2023
OPTIMIZATION OF INFORMATION-PROCESSING OPTICAL SYSTEMS BY TRANSCORRELATION-FUNCTION MAXIMIZATION AFOSR68-2348
SUB-OPTIMAL CONTROL OF NON-LINEAR SINGLE INPUT SYSTEMS AFOSR68-2444
A GENERAL Z-TRANSFORM FORMULA FOR SAMPLED-DATA SYSTEMS ARL 67-1134
CONSECUTIVE ION-MOLECULE REACTIONS IN REACTIVE SYSTEMS AFOSR67-1347
SINGULAR POINTS OF PLANAR ORDINARY DIFFERENTIAL SYSTEMS AFOSR67-2035
FIRST-ORDER PHASE TRANSITIONS IN SPIN-ONE ISING SYSTEMS AFCL67-0636
ERROR DETECTION CONSIDERATIONS IN MULTIPLE RECEPTION SYSTEMS AFOSR67-0426
COLLISIONAL ENERGY TRANSFER THERMAL UNIMOLECULAR SYSTEMS IN THE LOW-PRESSURE REGION AFOSR67-0462
ON THE FEEDBACK CONTROL OF DISTRIBUTED PARAMETER SYSTEMS AFOSR67-0735
THEORY OF QUEUES APPLIED TO TIME-SHARED COMPUTER SYSTEMS AFOSR68-0289
ON LINE SOLUTION OF OPTIMAL NONSTATIONARY LINEAR SYSTEMS ARL 66-1006
POSITION OPERATORS AND LOCALIZABILITY OF QUANTUM SYSTEMS AFOSR67-1546
INTENTIONAL COMBUSTION OSCILLATIONS IN PROPULSION SYSTEMS FINAL REPORT FEB 1967 AFOSR68-0361
BAYESIAN APPROACH TO THE OPTIMIZATION OF ADAPTIVE SYSTEMS AFOSR68-0755
OPTIMUM FILTERING AND CONTROL OF RANDOMLY SAMPLED SYSTEMS AFOSR68-0908
SHARP DEPENDENCE OF THE SPECIFIC HEAT OF MAGNETIC SYSTEMS WITH LONG-RANGE INTERACTIONS AFOSR68-2043
MINIMUM-STATE REALIZATIONS OF LINEAR TIME-VARYING SYSTEMS ARL 67-1212
MAGNETIC WIND-TUNNEL-MODEL SUSPENSION AND BALANCE SYSTEMS AFOSR68-0119
MAGNETOELECTRIC SUSCEPTIBILITIES OF S-STATE ATOMIC SYSTEMS AFOSR68-0456
ASYNCHRONOUS FINITE STATE MODELS OF MANUAL CONTROL SYSTEMS AFOSR68-1361
PROSPECTS FOR SIMULATION AND SIMULATORS OF DYNAMIC SYSTEMS SPARTAN BOOKS NEW YORK 1967 FINAL REPORT JAN 1967 AFCL67-0004
EVALUATION OF PSEUDO-RANDOM DOT-SCANNING TELEVISION SYSTEMS FINAL REPORT JAN 1967 AFCL67-0473
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS AFCL67-0474
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS /U/ AFCL67-0585
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS AFCL68-0037
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS /U/ AFCL68-0038
STUDY TO OBTAIN DESIGN DATA FOR REENTRY ECM ANTENNA SYSTEMS FINAL REPORT MAR 1968 AFCL68-0826
A STUDY OF THE MODAL PROPERTIES OF LINEAR DYNAMICAL SYSTEMS AFOSR68-0290
COLLISIONAL ENERGY TRANSFER IN THERMAL UNIMOLECULAR SYSTEMS DILUTION EFFECTS AND FALLOFF REGION AFOSR68-2494
DETONATION STUDIES IN GASEOUS NON-CARBON CONTAINING SYSTEMS ARL 66-1076
NEGATIVE ION-MOLECULE REACTIONS IN SIMPLE INORGANIC SYSTEMS ARL 66-1436
STABILITY INDICATIVE FUNCTION AND ITS APPLICATION TO SYSTEMS WITH TIME DELAY AFOSR67-1260
A METHOD FOR THE DESIGN OF STABLE NONLINEAR FEEDBACK SYSTEMS AFOSR68-0674
OPTIMIZATION OF THE DETECTABILITY OF ARRAY RECEIVING SYSTEMS AFOSR68-1180
SOME NONLOCAL RESULTS FOR SPARSELY NONLINEAR DYNAMICAL SYSTEMS AFOSR68-2836
OPTIMIZATION OF PERFORMANCE INDICES IN DISCRETE ARRAY SYSTEMS FINAL REPORT NOV 1967 AFCL67-0650
HUMAN FACTORS AND THE DESIGN OF TIME SHARING COMPUTER SYSTEMS AFCL68-0054
OPTIMAL COOPERATIVE RENDEZVOUS OF LINEAR SINGLE INPUT SYSTEMS AFOSR67-1592
CONTROLLABILITY OBSERVABILITY AND STABILITY OF LINEAR SYSTEMS AFOSR68-1304
ON POLE ASSIGNMENT IN MULTI-INPUT CONTROLLABLE LINEAR SYSTEMS AFOSR68-1318
PROCEEDINGS OF THE HAWAII INTERNATIONAL CONFERENCE ON SYSTEMS SCIENCES UNIVERSITY OF HAWAII HONOLULU HAWAII 29-31 AFOSR68-2685
A REMARK ON THE BANG-BANG PRINCIPLE FOR LINEAR CONTROL SYSTEMS IN INFINITE-DIMENSIONAL SPACE AFOSR68-0768
THE DESIGN OF A MORE COMPLEX BUILDING BLOCK FOR DIGITAL SYSTEMS AFCL67-0816
SCATTERING AND REFLECTANCE OF LIGHT FROM AIRBORNE LASER SYSTEMS AFCL68-0479
FINITE-TEMPERATURE TRANSPORT PROPERTIES OF NORMAL FERMI SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE MODEL AFOSR67-0964
TWO-POINT BOUNDARY VALUE PROBLEMS OF LINEAR HAMILTONIAN SYSTEMS AFOSR68-0363
AN UPPER BOUND ON AVERAGE ESTIMATION ERROR IN NONLINEAR SYSTEMS AFOSR68-2115
WAVE INTERACTION IN NONRELATIVISTIC ELECTRON BEAM-PLASMA SYSTEMS AFCL67-0376
NONLINEAR OSCILLATIONS AMPLITUDE BOUNDS FOR SECOND-ORDER SYSTEMS AFOSR67-0816
INPUT SELECTION FOR PARAMETER IDENTIFICATION IN DISCRETE SYSTEMS AFOSR68-0666
5-HYDROXYTRYPTAMINE AND RELATED AMINES IN ENDOCRINE CELL SYSTEMS AFOSR68-2796
S-BAND TELEMETRY ANTENNA STUDIES NOSE-TIP ARRAY AND OTHER SYSTEMS AFCL68-0339
STABILITY THEORY AND THE ASYMPTOTIC BEHAVIOR OF DYNAMICAL SYSTEMS AFOSR67-1084
A CALOMETRIC AND POTENTIOMETRIC STUDY OF MERCURIC BROMIDE SYSTEMS AT 25 DEGREES CENTIGRADE IN THREE MOLAR SODIUM AFOSR67-1312

| | |
|--|--------------|
| ON STRUCTURAL PROPERTIES OF LINEAR CONSTANT MULTIVARIABLE SYSTEMS | AFOSR67-1376 |
| A FREQUENCY-DOMAIN STABILITY CHART FOR NONLINEAR FEEDBACK SYSTEMS | AFOSR68-1325 |
| ON THERMODYNAMIC CONDITIONS FOR THE STABILITY OF EVOLVING SYSTEMS | AFOSR68-1641 |
| CONDENSATION-ENHANCED VAPORIZATION RATES IN NONISOTHERMAL SYSTEMS | AFOSR68-2824 |
| FUNCTIONAL ANALYSIS APPROACH TO THE STABILITY OF NONLINEAR SYSTEMS | RADC 67-0038 |
| A PERFORMANCE CRITERION FOR ADAPTIVE PATTERN CLASSIFICATION SYSTEMS | AFOSR67-0831 |
| THE CONSTRUCTION OF RESONANCE CURVES FOR UNDAINED NONLINEAR SYSTEMS | AFOSR68-1787 |
| RESULTS AND PROBLEMS IN THE THEORY OF DISTRIBUTED PARAMETER SYSTEMS | AFOSR68-2166 |
| DERIVATIONS OF HIERARCHIES FOR N-PARTICLE SYSTEMS AND VLASOV SYSTEMS BY MEANS OF THE FUNCTIONAL CALCULUS | AFOSR67-1806 |
| RESEARCH IN FOUR-DIMENSIONAL DIAGNOSIS OF CYCLONIC STORM CLOUD SYSTEMS FINAL REPORT OCT 1967 | AFOSR67-0817 |
| NATURE OF THE INTERACTION OF SECONDARY ELECTRONS WITH CHEMICAL SYSTEMS | AFOSR68-0941 |
| FLIGHT CONTROL SYSTEMS AND LAUNCHING TECHNIQUES FOR AIR BALLAST SYSTEMS | AFOSR67-0679 |
| APPLICATION OF GAME THEORY TO THE SENSITIVITY DESIGN OF OPTIMAL SYSTEMS | AFOSR67-1517 |
| DECOUPLING IN THE DESIGN AND SYNTHESIS OF MULTIVARIABLE CONTROL SYSTEMS | AFOSR68-1339 |
| SUBSTITUENT EFFECTS ON FLUORINE-19 CHEMICAL SHIFTS IN SATURATED SYSTEMS | AFOSR68-1891 |
| STUDY OF SPECTRAL REPRESENTATIONS FOR SIMPLE QUANTUM-MECHANICAL SYSTEMS | AFOSR67-2106 |
| ON THE STABILITY CONSTRAINTS AND OSCILLATORY BEHAVIOR OF COUPLED SYSTEMS | AFOSR67-2606 |
| CONTRIBUTION TO THE KNOWLEDGE OF MAGNETIC BALANCE AND SUSPENSION SYSTEMS | ARL 67-0283 |
| STUDIES IN THE DYNAMICAL PREDICTION AND INTERPRETATION OF WEATHER SYSTEMS FINAL REPORT OCT 1968 | AFOSR68-0541 |
| THE INFLUENCE OF NETWORK STRUCTURE ON THE PERFORMANCE OF LEARNING SYSTEMS | AFOSR68-1360 |
| OPTIMUM SAMPLING FOR MINIMUM ENERGY SAMPLED DATA FEEDBACK CONTROL SYSTEMS | AFOSR68-2048 |
| THE RIEMANN MATRIX OF 22 PLUS 12-DIMENSIONAL SYMMETRIC HYPERBOLIC SYSTEMS | AFOSR67-0870 |
| A FINITE STATE APPROACH TO THE SYNTHESIS OF AIR-ENGINEERING CONTROL SYSTEMS | AFOSR67-0651 |
| NONCANONICAL STATES AND FUNCTIONAL RELATIONS WITH CORTICOSUBCORTICAL SYSTEMS IN ATTENTION AND LEARNING | AFOSR67-2584 |
| WORD STATISTICS IN THE GENERATION OF SEMANTIC TOOLS FOR INFORMATION SYSTEMS | AFOSR68-0237 |
| THEORY AND APPLICATION OF OPTIMAL CONTROL FOR DISTRIBUTED PARAMETER SYSTEMS - I | AFOSR68-0533 |
| APPLICATIONS OF THE SOLID AND LIQUID STATE CONCEPTS FOR MACROSCOPIC SYSTEMS FINAL REPORT JUNE 1967 | AFOSR67-0614 |
| AMPLITUDE ROUNDS ON PERIODIC AND APERIODIC OSCILLATIONS SECOND-ORDER SYSTEMS | AFOSR67-1776 |
| ASYMPTOTIC SOLUTION OF INITIAL BOUNDARY-VALUE PROBLEMS FOR HYPERBOLIC SYSTEMS | AFOSR68-0900 |
| COMMENTS ON THE CYBERNETICS OF ETHICAL SOCIOLOGICAL AND PSYCHOLOGICAL SYSTEMS | AFOSR67-2731 |
| NIKHOFER NORMALIZATION PROCESS PROGRAM FOR TIME-DEPENDENT HAMILTONIAN SYSTEMS | AFOSR68-0875 |
| THE KRAKATA AIR-SEA WAVES AN EXAMPLE OF PULSE PROPAGATION IN COUPLED SYSTEMS | AFOSR68-1433 |
| A MASS SPECTROMETRIC STUDY OF THE BERYLLIUM OXIDE-BERYLLIUM DIFLUORIDE SYSTEMS AT HIGH TEMPERATURES | AFOSR68-1243 |
| OPTICAL MODEL CALCULATION OF THE ELECTRONIC STATES OF MIXED DISORDERED SYSTEMS | AFOSR68-2391 |
| NIKHOFER NORMALIZATION PROCESS PROGRAM FOR TIME-INDEPENDENT HAMILTONIAN SYSTEMS | AFOSR67-0123 |
| AN ALGORITHM FOR CONSTRUCTING IRREDUCIBLE REALIZATION OF TIME INVARIANT SYSTEMS | AFOSR68-1351 |
| THE STRUCTURE OF THE OPTIMAL TRACKING PROBLEM FOR DISTRIBUTED-PARAMETER SYSTEMS | AFOSR68-1826 |
| DISCRETIZATION SCHEMES AND THE OPTIMAL CONTROL OF DISTRIBUTED-PARAMETER SYSTEMS | AFOSR68-2030 |
| SCADS A PROGRAMMING SYSTEM FOR THE SIMULATION OF COMBINED ANALOG DIGITAL SYSTEMS | AFOSR67-2518 |
| SUM RULES EXAMINER-KRONIG RELATIONS AND TRANSPORT COEFFICIENTS IN CHARGED SYSTEMS | AFOSR68-0428 |
| AN ALGORITHM FOR THE ANALYSIS AND DESIGN OF LINEAR STATE VARIABLE FEEDBACK SYSTEMS | AFOSR68-2049 |
| VARIATIONAL METHODS AND BOUNDARY PROBLEMS FOR ORDINARY LINEAR DIFFERENTIAL SYSTEMS | AFOSR68-2885 |
| SOME CRITICAL REMARKS ON A NEW NUMERICAL METHOD FOR SIMULATION OF DYNAMICAL SYSTEMS | AFOSR67-0064 |
| SHEAR RESISTANCE AND EQUATION OF STATE FOR NONCOHESIVE GRANULAR MACROSCOPIC SYSTEMS | AFOSR67-0379 |
| FIXED-WORD-DURATION VARIABLE-RATE PROCEDURES FOR FEEDBACK COMMUNICATION SYSTEMS | AFOSR67-2020 |
| A THERMODYNAMICAL STUDY OF SEVERAL CORALY 211/2 CHLORIDE-AMINE ONIUM CHLORIDE SYSTEMS | AFOSR68-0074 |
| BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DIFFERENTIAL SYSTEMS | AFOSR67-0442 |
| INVESTIGATIONS ON THE ROLE OF ELECTRON CARRIERS IN PHOTOSYNTHESIS IN CELL-FREE SYSTEMS FINAL REPORT MAY 1967 | AFOSR68-2323 |
| A NONLINEAR DISCRETE SYSTEM EQUIVALENCE OF INTEGRAL PULSE FREQUENCY MODULATION SYSTEMS | AFOSR68-2350 |
| A CONTRIBUTION TO THE SIGNAL-DESIGN PROBLEM FOR INCOHERENT PHASE COMMUNICATION SYSTEMS | AFOSR68-0910 |
| RESEARCH ON THEORETICAL HIGH ENERGY PHYSICS AND QUANTUM THEORY OF MANY PARTICLE SYSTEMS FINAL REPORT DEC 1967 | AFOSR68-2117 |
| SYNCHRONOUS DETECTION VS PULSE COUNTING FOR SENSITIVE PHOTOMULTIPLIER DETECT IN SYSTEMS | AFOSR67-0594 |
| ANALYSIS AND SIMULATION OF WORD-SELECTION PROCEDURES IN ERROR-FREE COMMUNICATION SYSTEMS PART II - PRESENTATION AND | AFOSR67-1657 |
| AN APPROXIMATION TO BOUNDED PHASE COORDINATE CONTROL PROBLEM FOR LINEAR DISCRETE SYSTEMS | AFOSR68-2454 |
| BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DISCRETE CONTROL SYSTEMS | AFOSR67-0372 |
| A SURVEY OF METHODS FOR CONTROLLING THE ALTITUDE OF FREE BALLOONS WITH AIR BALLAST SYSTEMS | AFOSR68-1322 |
| REACTIVE INTERMEDIATES IN THE BICYCLO 23 1 0/2 HEXYL AND BICYCLO 23 1 0/2 HEXYLIDENE SYSTEMS IV THE FREE-RADICAL | AFOSR68-1966 |
| ON THE COMPARISON OF THE SENSITIVITIES OF OPEN-LOOP AND CLOSED-LOOP OPTIMAL CONTROL SYSTEMS | AFOSR67-0340 |
| SIMPLIFIED CONDITIONS FOR CONTROLLABILITY AND OBSERVABILITY OF LINEAR TIME-INVARIANT SYSTEMS | AFOSR67-0298 |
| ON BOUNDED-INPUT-BOUNDED-OUTPUT STABILITY OF A CERTAIN CLASS OF NONLINEAR SAMPLED-DATA SYSTEMS | AFOSR67-1795 |
| COMBUSTION GAS EMITTED RADIATION AND CHEMILUMINESCENCE PHENOMENA IN SOLID-GAS REACTING SYSTEMS FINAL REPORT APRIL 1967 | AFOSR67-1824 |
| RECENT PSYCHOLOGICAL RESEARCH RELEVANT TO THE HUMAN FACTORS ENGINEERING OF MAN-MACHINE SYSTEMS | AFOSR67-2737 |
| CRYSTAL CHEMISTRY OF ARSIB STRUCTURES I INVESTIGATIONS ON ARSIB SECTIONS IN THE TERNARY SYSTEMS BARE EARTH-ALUMINUM- | AFOSR68-1380 |
| ON REPRESENTATIONS AND MODELING IN PROBLEM SOLVING AND ON FUTURE DIRECTIONS FOR INTELLIGENT SYSTEMS | AFOSR68-0366 |
| COMPARISON OF MULTIDIMENSIONAL DECISION-THEORETIC ANTENNA PROCESSING SYSTEM AND CONVENTIONAL SYSTEMS | AFOSR68-1179 |
| A M H D PLANT COMBUSTION TECHNIQUES AND SEEDING VII TEMPERATURE AND VELOCITY MODULATED M H D SYSTEMS | AFOSR68-1902 |
| SMOOTHNESS PROPERTIES OF PERIODIC SOLUTIONS IN THE LARGE OF NONLINEAR HYPERBOLIC DIFFERENTIAL SYSTEMS | AFOSR67-0646 |
| DEVELOPMENT FABRICATION ASSEMBLY AND TESTING OF AXIAL POINTING CONTROL AND ASSOCIATED TELEMETRY SYSTEMS FINAL | ARL 66-1189 |
| RADE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS | ARL 66-1387 |
| RADE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS | |
| SYSTEMS--METHODS | |
| CHEMICAL SOCIETY OF ZURICH-CONFORMATIONAL ANALYSES OF MOBILE SYSTEMS--METHODS AND RESULTS /GERMAN/ | AFOSR68-2422 |
| SYSTEMS--XIII | |
| BRIDGED RING SYSTEMS--XIII THE SYNTHESIS OF CYCLOHEPTENE CARBOXYLIC ACIDS | AFOSR68-0733 |
| T-BUTOXY | |
| CAGE REACTIONS OF T-BUTOXY RADICALS EFFECTS OF VISCOSITY AND OF INTERVENING MOLECULES | AFOSR68-0436 |
| DI-T-BUTYLHYDROTRITE A CONVENIENT SOURCE OF T-BUTOXY RADICALS | AFOSR67-0459 |
| DI-T-BUTYL HYDROTRITE A CONVENIENT SOURCE OF T-BUTOXY RADICALS | AFOSR67-0219 |
| T-BUTYL | |
| REACTION OF ETHYL WITH ISOBUTYL AND T-BUTYL FREE RADICALS | ARL 66-0053 |
| THE SIZE OF A LONE PAIR OF ELECTRONS EVIDENCE FOR AN AXIAL T-BUTYL GROUP | AFOSR67-0023 |
| RADICAL-IONIC REACTION MECHANISMS HOMOLYSIS OF THE CARBONIUM ION T-BUTYL TROPENIUMPERACETATE | AFOSR67-0220 |
| THE COPPER-CATALYZED REACTION OF BENZONITROBENZENE WITH BENZOYL PEROXIDE AND T-BUTYL PEROXIDE NUCLEAR MAGNETIC | AFOSR68-0708 |
| T-INVARIANCE | |
| ELECTRON HELICITY-AND T-INVARIANCE | AFOSR68-1143 |
| T-MATRIX | |
| OFF-ENERGY-SHELL T-MATRIX ELEMENTS FOR LOCAL POTENTIALS CONTAINING HARD CORES | AFOSR68-2273 |
| A NON-LOCAL MODEL T-MATRIX IN A QUASI-THREE-BODY REACTION | AFOSR68-2533 |
| THE DISTORTED WAVE T-MATRIX APPROXIMATION FOR THE α P α REACTION | AFOSR67-0505 |
| TABLE | |
| TABLE OF HARTREE-FOCK SELF CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT III FINAL REPORT JAN 1967 | ARL 67-0014 |
| TABLE OF HARTREE-FOCK SELF CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT IV FINAL REPORT FEB 1968 | ARL 68-0026 |

TABLE

- CONTINUED

| | |
|---|--------------|
| DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES ENTITY TABLE DESIGN FINAL REPORT FEB 1968 | AFCL68-0128 |
| TABLES | |
| TABLES TO FACILITATE FITTING S SUB U FREQUENCY CURVES | AFOSR67-0683 |
| TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES II | AFOSR68-0793 |
| TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES I | AFOSR68-0849 |
| TABLES FOR THE MOMENTS OF GAMMA ORDER STATISTICS FINAL REPORT AUG 1967 | ARL 67-0166 |
| TABLES FOR MOMENTS OF GAMMA ORDER STATISTICS | ARL 68-0282 |
| TABLES OF COEFFICIENTS FOR ANGULAR CORRELATION OF RADIATIVE TRANSITIONS FROM ALIGNED NUCLEI | ARL 68-0330 |
| EXTENSION TABLES FOR THE U S STANDARD ATMOSPHERE 1962 WITH SPECIAL ATTENTION TO THE CALCULATION OF GEOPOTENTIAL | AFCL67-0335 |
| THEORY AND TABLES FOR TESTS OF HYPOTHESES CONCERNING THE MEAN AND THE VARIANCE OF A WEIBULL POPULATION FINAL REPORT | ARL 67-0889 |
| CONTINGENCY TABLES WITH GIVEN MARGINALS | AFOSR68-1427 |
| THE METHOD OF CALCULATION TABLES OF AMPLIFICATION AND AMPLITUDE OF THE MOVEMENTS OF THE EARTH IN CUALQUIER SEISMOGRAPH | AFOSR67-0558 |
| ARGON ELECTRON TRANSITION TABLES | ARL 67-0010 |
| PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY | ARL 68-0240 |
| PHOTOCATHODE-FILTER RESPONSE TABLES OBTAINED BY A NEW METHOD FOR FAST CALCULATION AND PREPARATION OF PHYSICAL DATA BY | ARL 68-0263 |
| ON-LINE TYPEWRITER ACCESS TO CLASSIFICATION TABLES ON COIN STORAGE | AFOSR68-1604 |
| INTERACTION IN MULTIDIMENSIONAL CONTINGENCY TABLES A INFORMATION THEORETIC APPROACH | AFOSR68-2793 |
| PHOTOCATHODE-FILTER COMBINATION RESPONSE CURVES AND TABLES FINAL REPORT MARCH 1967 | ARL 67-0067 |
| SUPPLEMENT TO 105Y INSTRUCTION MANUAL NO 10 COSMIC RAY TABLES ASYMPTOTIC DIRECTIONS VARIATIONAL COEFFICIENTS AND CUTOFF | AFCL68-0030 |
| TACHYPHYLAXIS | |
| STUDIES ON THE TACHYPHYLAXIS TO ALPHA-METHYL METATYRANINE WITH SPECIAL REFERENCE TO ITS CENTRAL STIMULATING ACTION | AFOSR68-2711 |
| TACTILE | |
| TACTILE SPATIAL AFTER EFFECT OR ADAPTATION LEVEL | AFOSR67-1736 |
| LATERAL INTERACTION AND TRANSFER IN THE TACTILE MEMORY OF THE OCTOPUS | AFOSR68-0287 |
| TAIL | |
| MAGNETOSPHERIC TAIL STUDIES I ANALYSIS OF HOURLY AVERAGED IMP-C DATA IN THE MAGNETOSPHERIC TAIL 2 UNCOUPLING OF | AFCL67-0551 |
| ELECTRONS WITHIN THE NEUTRAL SHEET OF THE MAGNETOSPHERIC TAIL | AFOSR68-0654 |
| SPATIAL DISTRIBUTION OF ENERGETIC ELECTRONS IN THE GEOMAGNETIC TAIL | AFOSR67-1190 |
| MAGNETOSPHERIC TAIL STUDIES I ANALYSIS OF HOURLY AVERAGED IMP-C DATA IN THE MAGNETOSPHERIC TAIL 2 UNCOUPLING OF | AFCL67-0551 |
| TAILORED | |
| TEST SECTION CONDITIONS FOR THE TAILORED INTERFACE HYPERSONIC SHOCK TUNNEL | AFOSR67-2026 |
| TAILS | |
| GRAVITATIONAL WAVE TAILS | ARL 67-1049 |
| TAKEN | |
| THE RATE OF CONVERGENCE OF AN ALGORITHM FOR RECOVERING FUNCTIONS FROM NOISY MEASUREMENTS TAKEN AT RANDOMLY SELECTED | AFOSR68-2349 |
| A GENERAL LEAST SQUARE DETERMINATION OF THE IMPEDANCE OF AN ANTENNA FROM SLOTTED LINE MEASUREMENTS ACCOUNT TAKEN OF | AFCL68-0429 |
| TAKING | |
| EFFECTS OF STRESS ON RISK TAKING | AFOSR68-1415 |
| ANALYSIS OF LUE CONVERSATION PROVIDING ACCOUNTS FINDING BREACHES AND TAKING .DES FINAL REPORT AUG 1968 | AFOSR68-1942 |
| TALL | |
| THE RATE OF GROWTH OF TALL THUNDERSTORMS | AFCL68-0412 |
| TALLAHASSEE | |
| OZONE DISTRIBUTION OVER TALLAHASSEE FLORIDA | AFCL67-0347 |
| TANDEM | |
| TANDEM MASS SPECTROMETER FOR STUDY OF ION-MOLECULE REACTIONS FINAL REPORT MAY 1967 | ARL 67-0092 |
| A PULSED-BEAM FACILITY FOR THE UNIVERSITY OF ROCHESTER'S MP TANDEM | AFOSR67-0989 |
| TANGENTIAL | |
| CIRCULAR ANTENNA ARRAYS HAVING TANGENTIAL DIPOLES AS ELEMENTS | AFCL68-0271 |
| STUDY OF CIRCULAR ARRAYS OF RADIAL AND TANGENTIAL DIPOLES | AFCL67-0206 |
| STUDY OF CIRCULAR ARRAYS OF RADIAL AND TANGENTIAL DIPOLES FINAL REPORT FEB 1968 | AFCL68-0187 |
| TANKS | |
| SIZING OF STORAGE TANKS FOR OFF-GRADE MATERIAL | AFOSR67-2224 |
| TANTALUM | |
| MECHANICAL PROPERTIES OF SOME TANTALUM ALLOYS | AFOSR67-1262 |
| SOLID-STATE STUDIES OF OXYGEN-DEFICIENT TANTALUM PENTOXIDE | AFOSR67-1437 |
| TANTALUM/110/ | |
| ADSORPTION ON NIOBIUM/110/, TANTALUM/110/, AND VANADIUM/110 /SURFACES | ARL 67-0153 |
| TAPE | |
| HEAT TRANSFER AND PRESSURE DROP IN TAPE GENERATED SWIRL FLOW | AFOSR67-1959 |
| OPERATION OF A LONG PERIOD SEISMOGRAPH NETWORK UTILIZING MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON | AFCL67-0449 |
| TECHNIQUES AND COMPUTER PROGRAMS TO COMPUTE GRAVITY FROM IN-FLIGHT MAGNETIC TAPE RECORDINGS FINAL REPORT JUNE 1967 | AFCL67-0522 |
| TAPERED | |
| ANTENNA ARRAYS WITH PARTIALLY TAPERED AMPLITUDES | AFCL67-0088 |
| TARGET | |
| ANATOMICAL LOCALIZATION OF TARGET LEARNING AND MEMORY FINAL REPORT NOV 1967 | AFOSR67-2586 |
| SYNTHETIC ARRAY MAPPING AND TARGET DETECTION /U/ | AFCL67-0649 |
| ANTENNA PROCESSING FOR SURFACE TARGET DETECTION | AFCL68-0119 |
| A NOT- ON PROBLEMS WITH DEPTONIC TARGET SETS | AFOSR67-1238 |
| SUPERCONVERGENCE AND CURRENT A GPRFA FOR A SPIN ONE HALF TARGET | AFOSR68-1240 |
| /U/ RADAR SIGNATURE ANALYSIS BASED ON MEASURED DIFFERENTIAL PHASE SHIFTS OF TARGET SCATTERING AT TWO HARMONIC | AFCL67-0476 |

TARGET - CONTINUED

| | |
|---|--|
| TIME OF FLIGHT MEASUREMENTS IN AN ARGON BEAM DEFLECTED BY A HEATED PLATINUM TARGET
THE ELECTROMAGNETIC SCATTERING OF BROAD BANDWIDTH RANDOM SIGNALS BY A DISCRETE TARGET | AFOSR66-0464
AFCL67-0462 |
| TARGETS | |
| RADAR RETURN FROM TARGETS HIDDEN BY GROUND CLUTTER
SIMPLE METHOD FOR MAKING SULFUR TARGETS
SHAPE MEASUREMENT OF SMALL OPTICAL TARGETS FINAL REPORT APR 1967 | AFCL67-0466
ARL 67-0084
AFCL67-0289 |
| TARTRATE | |
| SOME OBSERVATIONS OF THE GEL GROWTH OF DOPED AND UNDOPED CALCIUM TARTRATE CRYSTALS | AFCL67-0304 |
| TASK | |
| TASK PREDICTABILITY AND THE DEVELOPMENT OF TRACKING SKILL UNDER EXTENDED PRACTICE
SECONDARY TASK INTERFERENCE IN THE PERFORMANCE OF TRACKING TASKS
EFFECTS OF TASK CHARACTERISTICS ON GROUP PRODUCTS
INNOVATION IN TASK ORIENTED COMMUNICATION FINAL REPORT AUG 1967
PERCEPTUAL DEFICIT DURING A MENTAL TASK
PUPILLARY RESPONSES IN A PITCH-DISCRIMINATION TASK
ESTIMATION OF THE NUMBER OF HYPOTHESES IN A CONCEPT LEARNING TASK
STUDIES IN PROBLEM SOLVING SUBJECT 3 ON THE CRYPT- ARITHMETIC TASK DONALD PLUS GERALD EQUALS ROBERT
RECOGNITION PERFORMANCE AS A FUNCTION OF DETECTION CRITERION IN A SIMULTANEOUS DETECTION-RECOGNITION TASK | AFOSR67-1008
AFOSR67-1004
AFOSR66-1411
AFOSR67-1868
AFOSR67-2234
AFOSR67-1826
AFOSR66-0819
AFOSR67-2169
AFOSR66-2676 |
| TASK-INDUCED | |
| THE EFFECTS OF TASK-INDUCED STRESS ON SPEECH FINAL REPORT AUG 1967 | AFCL67-0499 |
| TASKS | |
| TOWARD UNDERSTANDING THE ROLE OF TASKS IN BEHAVIORAL RESEARCH
OPTIMAL TIME ALLOCATION ON COMPLEX TASKS
HUMAN PERFORMANCE IN CONTINGENT INFORMATION PROCESSING TASKS
SECONDARY TASK INTERFERENCE IN THE PERFORMANCE OF TRACKING TASKS | AFOSR66-1678
AFOSR66-1102
AFOSR67-1801
AFOSR67-1094 |
| TASTE | |
| MULTIMODAL SENSITIVITY OF TASTE UNITS IN THE RAT
ANALYSIS OF RESPONSES OF HAMSTER TASTE UNITS TO GUSTATORY AND THERMAL STIMULI
NEURAL ORGANIZATION OF SENSORY INFORMATION FOR TASTE | AFOSR67-2389
AFOSR67-2626
AFOSR67-2381 |
| TAURI | |
| THE MANGANESE STAR 55 TAURI II FINE ANALYSIS
NEGATIVE RESULTS IN A SEARCH FOR RADIO EMISSION FROM INFRARED AND T TAURI STARS | AFOSR67-1119
AFOSR67-2778 |
| TAUTOMERISM | |
| VALENCE TAUTOMERISM IN CYCLO-OCTATETRAENERUTHENIUM TRICARBONYL
AN AZO-HYDRAZONE TAUTOMERISM AND AZOALKANE SYNTHESIS | AFOSR67-2290
ARL 67-1117 |
| TAXONOMIC | |
| NUMERICAL CLASSIFICATION FOR TAXONOMIC PROBLEMS | AFOSR66-2033 |
| TAYLORS | |
| ON TAYLORS THEOREM | ARL 68-0280 |
| TO-NICKEL | |
| DISPERSED PARTICLE BEHAVIOR IN TO-NICKEL ALLOY | AFOSR67-1577 |
| TE-DOPED | |
| SOME LOCAL-MODE MEASUREMENTS OF LI-DIFFUSED TE-DOPED GAAS | AFOSR67-2215 |
| TEACHER | |
| THE SCHOOL TEACHER A LINK TO CHINAS FUTURE | AFOSR66-2540 |
| TEACHERS | |
| WHAT PUPILS AND TEACHERS SHOULD KNOW ABOUT GUESSING | AFOSR66-2157 |
| TEAM | |
| INDIVIDUAL PERFORMANCE AND SELF-EVALUATION IN A SIMULATED TEAM
INDIVIDUAL PERFORMANCE AND SELF-EVALUATION AS A FUNCTION OF LEVEL OF TEAM OUTPUT FINAL REPORT SEPT 1967 | AFOSR67-2298
AFOSR67-2494 |
| TECHNETIUM | |
| IS THERE TECHNETIUM IN HR 1105
PARTIAL DERIVATIVE OF T SUB C WITH RESPECT TO PRESSURE FOR TECHNETIUM AND A COMMENT ON ITS SIGN IN RELATION TO THE | AFOSR66-1626
AFOSR66-1806 |
| TECHNICAL | |
| RETRIEVAL OF TECHNICAL DOCUMENTS FINAL REPORT NOV 1967
A SUMMARIZATION OF TECHNICAL AND SCIENTIFIC REPORTS ISSUED BY THE IONOSPHERE RESEARCH LABORATORY - PAPERS PRESENTED
STUDY OF SCIENTIFIC AND TECHNICAL DATA ACTIVITIES IN THE UNITED STATES VOLUME 11 PART C PRELIMINARY CENSUS OF OF
SPACE SCIENCE JOINT URSI/G-AP TECHNICAL SESSION
THERMAL STRESS AND THE ELECTROCARDIOGRAM A TECHNICAL STUDY
PROGRESS REPORT NO 32 TO THE JOINT SERVICES TECHNICAL ADVISORY COMMITTEE
PROGRESS REPORT NO 33 TO THE JOINT SERVICES TECHNICAL ADVISORY COMMITTEE | AFOSR66-0244
AFCL67-0466
AFOSR66-1403
AFOSR67-0832
AFOSR67-2273
AFOSR67-2582
AFOSR66-2163 |
| TECHNIQUE | |
| TECHNIQUE AND APPARATUS FOR DETERMINING THE RESPONSE OF ECINTILLATORS AND SEMICONDUCTORS TO LOW ENERGY X-RAY
A TECHNIQUE FOR SOLVING THE GENERAL REACTION-RATE EQUATIONS IN THE ATMOSPHERE
A TECHNIQUE OF OPTIMIZING DECISION-DIRECTED CHANNEL MEASUREMENTS FOR COHERENT DETECTION
A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW
A TECHNIQUE FOR MEASURING CONCENTRATION IN A TWO COMPONENT SUPERSONIC FLOW
PULSE TECHNIQUE FEASIBILITY STUDY ON MULTIMEGAWATT RF GAS HEATERS AND RESEARCH ON ELECTRODELESS DISCHARGES AT HIGH
DIGITAL TECHNIQUE FOR RECORDING TIME DEPENDENT SPECTRA BY TIME TO PULSE HEIGHT CONVERSION PART A FINAL REPORT APRIL
A SEARCH TECHNIQUE FOR QUASI-PERFECT CODES | AFOSR67-1934
AFCL67-0221
AFOSR67-1590
ARL 68-0215
ARL 68-1335
ARL 68-1102
AFOSR67-2784
AFOSR67-0740 |

TECHNIQUE

- CONTINUED

A SCALING TECHNIQUE FOR THE DESIGN OF IDEALIZED ELECTROMAGNETIC LENSES
 A RESONATOR TECHNIQUE FOR STUDYING DISPERSION IN LONGITUUDINALLY MAGNETIZED PLASMA GUIDES
 A THEORETICAL TECHNIQUE FOR EVALUATING THE TIME DEPENDENT EFFECTS OF GENERAL ELECTRODYNAMIC DRIFTS IN THE F2-LAYER OF THE IONOSPHERE
 A LAUNCH TECHNIQUE FOR HIGH-ALTITUDE BALLOONS
 A HILLCLIMBING TECHNIQUE USING PIECEWISE CUBIC APPROXIMATION
 AN APPROXIMATION TECHNIQUE TO DETERMINE INVERSE FILTERS WITH A MINIMUM NUMBER OF WEIGHTS
 AN APPROXIMATION TECHNIQUE FOR SINGULAR CONTROL PROBLEMS FINAL REPORT DEC 1967
 A NONLOCAL ADDITION TECHNIQUE FOR ASSOCIATIVE PROCESSORS
 ON A NEW COMPUTING TECHNIQUE IN OPTIMAL CONTROL THEORY AND THE MAXIMUM PRINCIPLE
 QUASILINEARIZATION TECHNIQUE FOR SOLUTION OF BOUNDARY LAYER EQUATIONS
 MATHEMATICAL/STATISTICAL TECHNIQUE TO ESTIMATE MAXIMUM AEROSPACE VEHICLE RESPONSE TO WIND FINAL REPORT MAY 1967
 AN EXPERIMENTAL INDIRECT TECHNIQUE FOR THE INDUCTION OF HYPNOSIS WITHOUT AWARENESS
 COMPLEX FOURIER TRANSFORM TECHNIQUE IN VARIABLE COEFFICIENT PARTIAL DIFFERENTIAL EQUATIONS
 BRIEF COMMUNICATION A NEW TECHNIQUE FOR A STABLE PHOTIC STIMULATION OF FREE-MOVING ANIMALS
 A MODIFIED RESIDUE CALCULUS TECHNIQUE
 SPHERICAL-IMPULSION LAUNCHING TECHNIQUE
 USE OF ULTRASONIC INTERFEROMETRY TECHNIQUE FOR STUDYING ELASTIC PROPERTIES OF ROCKS
 INVESTIGATION OF THE LIGHT SCATTERING TECHNIQUE FOR COUNTING AND SIZE DETERMINATION OF MICRON-SIZED METEORITES FINAL
 MATHEMATICAL ANALYSIS OF THE THERMAL WAVE TECHNIQUE FOR LINEAR KINETICS
 ION-MOLECULE REACTIONS BY ION CYCLOTRON RESONANCE TECHNIQUE
 THE MEASUREMENT OF ELECTRON AFFINITIES BY THE GASEOUS ELECTRON CAPTURE TECHNIQUE
 INFRARED STUDIES OF DIMETHYLSILYLAMINE AND METHYLDISILYLAMINE BY THE MATRIX-ISOLATION TECHNIQUE
 DETECTION AND IDENTIFICATION OF SHORT-LIVED FREE RADICALS BY AN ELECTRON SPIN RESONANCE TRAPPING TECHNIQUE

TECHNIQUES

TECHNIQUES IN INTRINSIC ANALYSIS FINAL REPORT NOV 1966
 TECHNIQUES AND COMPUTER PROGRAMS TO COMPUTE GRAVITY FROM IN-FLIGHT MAGNETIC TAPE RECORDINGS FINAL REPORT JUNE 1967
 TECHNIQUES FOR THE OPTIMAL DESIGN AND SYNTHESIS OF SWITCHING CIRCUITS
 TECHNIQUES OF LOW ENERGY X-RAY AND ELECTRON PHYSICS 50 TO 1000 EV REGION
 TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
 TECHNIQUES FOR THE MEASUREMENT OF HIGH RESISTIVITY CERAMICS
 SOME TECHNIQUES FOR THE ELECTRICAL BRAIN STIMULATION OF SMALL UNRESTRAINED ANIMALS
 SOME TECHNIQUES FOR ALGORITHM OPTIMIZATION WITH APPLICATION TO MATRIX ARITHMETIC EXPRESSIONS
 MODERN TECHNIQUES IN ENERGY TRANSFER
 STUDY OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASURING RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT FEB 1968
 COMPUTER TECHNIQUES FOR MAKING REEBS LAW CALCULATIONS OF CONCENTRATIONS FROM SPECTRAL DATA
 NUMERICAL TECHNIQUES IN MATRIX MECHANICS
 DIAGNOSTIC TECHNIQUES FOR ATMOSPHERIC PRESSURE ARCS
 DIAGNOSTIC TECHNIQUES FOR ATMOSPHERIC PRESSURE ARC PLASMAS
 ANALYTICAL TECHNIQUES FOR THE DETERMINATION OF TRACE IMPURITIES IN CADMIUM SULFIDE FINAL REPORT JULY 1968
 COMMENTS ON TECHNIQUES APPLICABLE TO DETERMINATIONS OF SPATIAL DISTRIBUTION OF INTENSITY AND CHROMATICITY
 LOGIC DESIGN TECHNIQUES FOR PROPAGATION LIMITED NETWORKS FINAL REPORT NOV 1967
 EXPERIMENTAL TECHNIQUES FOR SUPERSONIC COMBUSTION RESEARCH IN A SHOCK TUNNEL
 DEVELOPMENT OF TECHNIQUES FOR GEOMAGNETIC FIELD MEASUREMENTS RECORDING AND AUTOMATIC RECORD DIGITIZING FINAL REPORT
 DEVELOPMENT OF TECHNIQUES FOR THE DESIGN AND FABRICATION OF SEISMIC MODEL RECEIVING TRANSDUCERS FINAL REPORT DEC 1968
 LOW TEMPERATURE TECHNIQUES FOR ELECTRON IRRADIATIONS
 ADVANCED ANTENNA TECHNIQUES FINAL REPORT APR 1967
 ON-LINE DEBURRING TECHNIQUES A SURVEY
 PLASMA DIAGNOSTIC TECHNIQUES IN A LINEAR UCTOPOL
 INTEGRAL TRANSFORM TECHNIQUES
 INTEGRAL TRANSFORM TECHNIQUE
 INSTRUMENTATION AND TECHNIQUES FOR UPPER ATMOSPHERE MEASUREMENTS FINAL REPORT JUNE 1967
 LASER FLASH HEATING TECHNIQUES FOR ATOMIC ABSORPTION SPECTROSCOPY
 TRAJECTORY OPTIMIZATION TECHNIQUES
 R M H D PLANT COMBUSTION TECHNIQUES AND SENSING VII TEMPERATURE AND VELOCITY MODULATED M H D SYSTEMS
 THE DEVELOPMENT OF DESIGN TECHNIQUES FOR SINGLE-STAGE SOUNDING ROCKETS FINAL REPORT MAR 1967
 SPECIAL MAGNETIC MEASUREMENT TECHNIQUES
 MULTIPLE ACOUSTIC DIFFRACTION TECHNIQUES FOR FREQUENCY SHIFTING OF LASER SOURCES
 HIGH TEMPERATURE HALL MOBILITY TECHNIQUES IN LOW MOBILITY CONDUCTORS
 AN INVESTIGATION OF QUANTIZATION TECHNIQUES FINAL REPORT FEB 1968
 COMPARATIVE STUDY OF OPTIMIZATION TECHNIQUES FOR SHOCK AND VIBRATION ISOLATION
 IMPEDANCE SYNTHESIS VIA STATE-SPACE TECHNIQUES
 FLIGHT CONTROL SYSTEMS AND LAUNCHING TECHNIQUES FOR AIR HALLAST SYSTEMS
 DOPPLER SIGNAL ANALYSIS AND PROCESSING TECHNIQUES FOR MODIFIED /NONCOHERENT/ C-BAND PULSE DOPPLER RADAR FINAL REPORT FEB
 PLASMA DIAGNOSTICS THROUGH HOLOGRAPHIC TECHNIQUES
 PLASMA DIAGNOSTICS THROUGH HOLOGRAPHIC TECHNIQUES
 SOLUTION OF COUPLED EQUATIONS BY R-MATRIX TECHNIQUES
 A LIMITATION ON THE USE OF CURRENT ALGEBRA TECHNIQUES FOR MESON DECAYS
 RESONANT-REGION RADAR AND OTHER ANTICLUTTER TECHNIQUES /U/
 STUDY OF APPLICATION OF ANTENNA OPTIMIZATION TECHNIQUES FINAL REPORT NOV 1967
 ON THE USE OF EXPERIMENTAL AND COMPUTATIONAL TECHNIQUES IN ANALYZING THE PERFORMANCE OF SCANNED ARRAYS
 APPLICATION OF AUTOMATIC LITERATURE ANALYSIS TECHNIQUES TO PSYCHIATRIC INTERVIEWS
 AN EXPERIMENTAL STUDY OF SOME BASE INJECTION TECHNIQUES AND THE EFFECT OF LARGE PRESSURE GRADIENTS ON TURBULENT
 ELECTRICAL MEASUREMENTS AND NUCLEAR ACTIVATION TECHNIQUES FOR RADIATION DAMAGE STUDIES AND IMPURITY ANALYSIS IN
 PRODUCTION OF IONS BY ELECTROHYDRODYNAMIC SPRAYING TECHNIQUES
 A HIGH PRECISION LOGARITHMIC AMPLIFIER USING SAMPLING TECHNIQUES
 INFRARED WATER COUPLED RESONATOR AND PARALLEL ROTATION TECHNIQUES FOR EXPERIMENTAL IONIZED GAS DIAGNOSTICS
 STUDIES OF AIRGLOW AND AURORA PHENOMENA USING INSTRUMENTATION TECHNIQUES FINAL REPORT MAR 1967
 CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES
 CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES FINAL REPORT APRIL 1968
 INFERENCES OF DYNAMICAL MOTIONS OF THE URSA SATELLITE VIA OPTICAL TECHNIQUES
 DETERMINING HIGH TEMPERATURE DEBYE CONSTANTS WITH THE AID OF X-RAY TECHNIQUES
 RAPID AND ULTRA-SENSITIVE METAL ANALYSIS BY NEW GAS CHROMATOGRAPHIC TECHNIQUES
 HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS
 THEORETICAL AND EXPERIMENTAL INVESTIGATION OF FOCAL PLANE ADAPTIVE ANTENNA TECHNIQUES FINAL REPORT APR 1968
 A STUDY OF THE NIOBIUM /110/ SURFACE USING LOW ENERGY ELECTRON DIFFRACTION TECHNIQUES
 ON THE OSCILLATIONS AND STABILITY OF ROTATING STELLAR MODELS I MATHEMATICAL TECHNIQUES
 ON THE OPTIMUM SYNTHESIS OF STATISTICAL COMMUNICATION NETS-PSEUDO PARAMETRIC TECHNIQUES
 PRESSURE SHIFTS OF INFRARED LINES LOW LOW-TEMPERATURE SPECTRA OF MOLECULES AND TECHNIQUES OF INTERFERENCE SPECTROSCOPY
 HIGHER-ORDER CORRECTIONS TO COLLECTIVE PARTICLE-HOLE EXCITATIONS USING GREEN FUNCTION TECHNIQUES
 DIRECT OBSERVATION OF MULTY-BOUNDED LORENTZ WIDTHS AND COLLISION BROADENING USING STIMULATED EMISSION TECHNIQUES

TECHNOLOGICAL

TECHNOLOGICAL BARRIERS TO AREA ICHN DEFENSE VOLUME I FINAL REPORT AUG 1968

TECHNOLOGIES

THE SCOPE AND AIMS OF THE INFORMATION SCIENCES AND TECHNOLOGIES

TECHNOLOGY

PLASMA ARC TECHNOLOGY AT THE THERMOMECHANICS RESEARCH LABORATORY
 TRANSFER OF TECHNOLOGY TO DEVELOPING COUNTRIES
 RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO AEROSPACE PROBLEMS

AFOSR66-1857
 AFOSR67-0827
 AFCL66-0172
 AFCL67-0672
 AFOSR67-1282
 AFOSR67-1563
 SRL 68-0003
 AFOSR67-1108
 AFOSR68-0919
 AFOSR68-2407
 AFCL67-0394
 AFOSR67-1840
 AFOSR67-2849
 AFOSR68-1699
 AFCL68-0079
 ARL 67-1211
 AFOSR68-1514
 AFCL67-0620
 AFOSR68-1516
 ARL 67-1169
 AFOSR68-1253
 AFOSR67-2041
 AFOSR68-2867

AFCL67-0153
 AFCL67-0522
 AFOSR68-2006
 AFOSR68-2144
 ARL 68-1195
 ARL 68-1378
 AFOSR67-0133
 AFOSR68-2641
 ARL 67-1097
 AFCL68-0102
 AFOSR67-0538
 AFOSR68-1057
 ARL 67-1072
 ARL 67-1075
 ARL 68-0132
 ARL 68-0241
 AFCL68-0002
 AFOSR68-1195
 AFCL67-0415
 AFCL68-0650
 AFCL68-0552
 AFCL67-0317
 AFCL67-0080
 AFOSR68-1799
 ARL 67-1259
 ARL 68-1278
 AFCL67-0371
 AFML 67-0287
 AFOSR67-1377
 AFOSR68-1179
 AFCL67-0233
 AFOSR67-1460
 AFOSR67-0439
 ARL 68-1143
 AFCL68-0150
 AFOSR68-0242
 AFOSR68-2505
 AFCL67-0679
 AFCL68-0176
 AFOSR68-1715
 AFOSR68-1815
 AFOSR68-0651
 AFOSR67-2802
 AFCL68-0052
 AFCL67-0632
 AFCL68-0297
 AFOSR67-2019
 ARL 68-0160
 AFCL67-0596
 AFOSR68-2360
 AFCL68-0191
 AFOSR67-0826
 AFCL67-0431
 AFOSR67-1808
 AFOSR68-1757
 ARL 68-1088
 ARL 68-1106
 ARL 67-1123
 ARL 68-1108
 AFCL68-0249
 ARL 67-0025
 AFOSR68-2696
 AFOSR68-0543
 AFCL68-0490
 AFOSR68-1372
 AFOSR67-2661

ORA 68-0010

AFOSR68-2484

ARL 67-1267
 AFOSR67-0081
 ARL 68-1313

TECHNOLOGY - CONTINUED

RESEARCH IN ARC TECHNOLOGY AND ITS APPLICATION TO AEROSPACE PROBLEMS ARL 68-1324
 MILITARY TRANSFER OF TECHNOLOGY AFOSR67-0231
 PHOTOELASTIC COATING TECHNOLOGY APPLIED TO CONTACT PROBLEMS ARL 67-1324
 AEROSPACE RESEARCH IN ARC TECHNOLOGY AND ITS INDUSTRIAL APPLICATIONS ARL 68-1325
 REVIEW OF SCRAMJET PROPULSION TECHNOLOGY ARL 68-0097
 THE GENERATION OF SCIENCE-BASED TECHNOLOGY IN THE FIELD OF CRYSTALLIZATION AFOSR68-1494
 SURVEY OF HIGH PRESSURE ELECTRIC ARC TECHNOLOGY ARL 68-1219
 PROBLEMS IN RESEARCH ON ELECTRIC ARC TECHNOLOGY ARL 68-1315
 PROGRAM AND PROBLEMS OF RESEARCH IN ARC TECHNOLOGY WITH RESPECT TO AEROSPACE APPLICATIONS ARL 68-1322
 THE FEASIBILITY OF DEVELOPING TRANSFER OF TECHNOLOGY FUNCTIONS AFOSR67-1873
 INFORMATION NEEDS AND USES IN SCIENCE AND TECHNOLOGY AFOSR67-2023
 SOME PROBLEMS IN RESEARCH ON ELECTRIC ARC TECHNOLOGY ARL 68-1317
 HIGH POWER CRYOGENIC AND SUPERCONDUCTING MAGNET TECHNOLOGY ARL 68-1305
 PROGRAM AND PROBLEMS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY ARL 68-1308
 PROGRAM AND PROBLEMS OF RESEARCH ON ELECTRIC ARC TECHNOLOGY ARL 68-1309
 PROGRAM AND PROBLEMS OF RESEARCH IN ELECTRIC ARC TECHNOLOGY ARL 68-1314
 MAGNETICALLY INDUCED PLASMA STREAMING AND ITS APPLICATION TO AEROSPACE TECHNOLOGY ARL 68-1319
 ARPA DEFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME VIII-SUPPORTING STUDIES ON TECHNOLOGY AND AND ORA 67-0011

TECTAL

ELECTROPHYSIOLOGICAL STUDY OF TECTAL RESPONSES TO OPTIC NERVE VOLLY AFOSR67-2547

TECTONIC

TECTONIC FEATURES OF THE EARTH'S CRUST AND UPPER MANTLE FINAL REPORT AUG 1967 AFOSR67-1797
 TECTONIC MOVEMENT AND DEFORMATION RELEASE IN ALASKA FINAL REPORT JUNE 1968 AFOSR68-1933

TECTONICS

SPHERICITY AND TECTONICS OF THE NORTHEAST PACIFIC OCEAN AFCL68-0385
 SEISMOLOGY AND THE NEW GLOBAL TECTONICS AFCL68-0623

TECTONISM

THE MECHANICAL ANALYSIS OF QUATERNARY TECTONISM FINAL REPORT OCT 1967 AFCL67-0630

TECTUM

SENSORY PROPERTIES OF SOME UNITS IN THE TECTUM OF THE FROG FINAL REPORT AUG 1967 AFOSR67-2781

TEETH

A PHOTOSTRESS STUDY OF SPUR GEAR TEETH ARL 67-1219

TEFLON

THE HEATS OF COMBUSTION OF POLYTETRAFLUOROETHYLENE (TEFLON) AND GRAPHITE IN ELEMENTAL FLUORIDE AFOSR67-2013

TELEMETERING

TELEMETERING OF SPIKE ACTIVITY DURING BEHAVIORAL RESPONSE TO ODDORANTS AFOSR68-1983
 LARGE APERTURE SEISMIC TELEMETERING SYSTEM FOR CENTRAL ALASKA AFOSR67-2151
 NEW SURVIVABILITY AMPLIFIER-TRANSMITTERS FOR TELEMETERING BIOPOTENTIALS AFOSR67-1256
 DEVELOPMENT FABRICATION ASSEMBLY AND TESTING OF RTAXIAL POINTING CONTROL AND ASSOCIATED TELEMETERING SYSTEMS FINAL AFCL67-0646

TELEMETRY

TELEMETRY AND COMMAND ANTENNAS FOR THE ATMOSPHERIC COMPOSITION SATELLITE AFCL67-0072
 TELEMETRY COMMAND AND BRACON ANTENNAS FOR VARIOUS AIR FORCE ROCKETS PROBES AND SATELLITES FINAL REPORT JAN 1967 AFCL67-0110
 UHF TELEMETRY SYSTEM TEST FLIGHT AFCL68-0445
 S-BAND TELEMETRY ANTENNA STUDIES SOUNDING ROCKET RESEARCH AND DEVELOPMENT PROBLEMS AFCL68-0331
 S-BAND TELEMETRY ANTENNA STUDIES NOSE-TIP ARRAY AND OTHER SYSTEMS AFCL68-0339
 S-BAND TELEMETRY ANTENNA STUDIES CAVITY-MOUNTED ARRAY AFCL68-0620
 HIGH-GAIN UHF BACKFIRE ANTENNA FOR COMMUNICATIONS TELEMETRY AND RADIO ASTRONOMY AFCL67-0568
 PROVIDE PAYLOAD FOR AERONAUTIC ROCKET REFURBISH AND TEST A LUNAR POINTING CONTROL AND TELEMETRY SYSTEM FINAL REPORT NOV AFCL67-0647

TELENCEPHALON

ASCENDING MONAMINE NEURONS TO THE TELENCEPHALON AND DIENCEPHALON AFOSR67-0889

TELESCOPE

THE TOWER TELESCOPE OF THE OSLO SOLAR OBSERVATORY HARESTUA AFCL68-0022
 BALLOON BORNE TELESCOPE FEASIBILITY STUDY AND DESIGN FINAL REPORT AUG 1967 AFCL67-0318

TELESCOPES

SOLAR DAILY VARIATION RECORDED AT A LOW LATITUDE STATION BY EAST AND WEST POINTING TELESCOPES DURING PERIODS OF AFOSR67-0794

TELESEISMIC

TIME DOMAIN STUDIES OF SHORT PERIOD TELESEISMIC P PHASES FINAL REPORT SEPT 1967 AFOSR67-2519

TELEVISION

RADIO AND TELEVISION IN THE SOVIET UNION AFOSR67-0955
 NARROW BAND LONG RANGE COLOR TELEVISION SYSTEM INCORPORATING COLOR ANALYZER ARL 67-1138
 NEWS BROADCASTING ON SOVIET RADIO AND TELEVISION AFOSR67-0957
 EVALUATION OF PSFUOD-RANDOM DOT-SCANNING TELEVISION SYSTEMS FINAL REPORT JAN 1967 AFCL67-0004
 U S VULNERABILITIES AS PORTRAYED IN THE EAST GERMAN TELEVISION FILM PILOTS IN PAJANAS AFOSR68-1623

TELLURATES

/SPANISH/ STUDIES CONCERNING THE EQUILIBRIA OF POLYANIONS XIII POLYMERIZATION OF TELLURATES IN ONE MOLAR NaCl SOLUTION AFOSR67-1306

TELLURIC

TELLURIC CURRENT MICROPULSATION BURSTS AFCL67-0246
 TELLURIC CURRENT MICROPULSATIONS AT THE AUROREAL ZONE FINAL REPORT OCT 1967 AFCL67-0550
 PEARL-TYPE TELLURIC CURRENT MICROPULSATIONS AT COLLEGE AFCL67-0244
 THE EFFECT OF TOPOGRAPHY AND GEOLOGY ON TELLURIC CURRENTS AFCL67-0245

TELLURIC-CURRENT

AUROREAL-ZONE TELLURIC-CURRENT MICROPULSATIONS T 20 SECONDS AFCL67-0247

TELLURIDE

NATURE OF THE EFFECTS IN GERMANIUM TELLURIDE

AFOSR67-1483

TELLURIUM

ION RADICALS FROM ORGANIC SULFUR SELENIUM TELLURIUM AND PHOSPHORUS COMPOUNDS FINAL REPORT FEB 1968
THE PHASE AR TWO IN THE TERNARY SYSTEMS LANTHANUM-ANTIMONY- TELLURIUM AND LANTHANUM-TIN-ANTIMONY
THE CRYSTAL CHEMISTRY OF SELECTED ABSORB RARE EARTH COMPOUNDS WITH SELENIUM TELLURIUM AND ANTIMONY

AFOSR68-0392
AFOSR67-1917
AFOSR67-2485

TEMPERATURE-ZONE

VERTICAL MOVEMENT OF TEMPERATURE-ZONE SPORADIC E LAYERS

AFOSR68-1120

TEMPERATURE

TEMPERATURE DEPENDENT STUDY OF THE DIELECTRIC DISPERSION OF A VARIETY OF INORGANIC SOLIDS FINAL REPORT SEPT 1968
TEMPERATURE SENSITIVE DUCTILITY IN FACE CENTERED CUBIC COPPER ALLOYS
TEMPERATURE DEPENDENCE OF THE ELASTIC CONSTANTS OF RUBIDIUM
TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES
TEMPERATURE TRANSFORMATIONS A PRACTICAL CHOICE
TEMPERATURE DEPENDENCE OF THE HYPERFINE SPLITTING OF THE METHYL RADICAL
TEMPERATURE EFFECTS ON WHISTLER RESONANCE
TEMPERATURE DEPENDENCE OF THE WIDTH OF THE FUNDAMENTAL LATTICE-VIBRATION ABSORPTION PEAK IN IRONIC CRYSTALS II
TEMPERATURE DEPENDENCE OF ATOM-ATOM POTENTIAL IN MOLECULAR CRYSTALS
TEMPERATURE PROPAGATION IN ANHARMONIC SOLIDS
TEMPERATURE DEPENDENCE OF THE MAGNETIC FIELD PERIODICITY IN FLUX QUANTIZATION EXPERIMENTS
TEMPERATURE DEPENDENCE OF VIBRATIONAL TRANSITION PROBABILITIES IN WATER-WATER COLLISIONS
TEMPERATURE DEPENDENCE OF INTERMOLECULAR ENERGY TRANSFER IN POLAR MOLECULES
TEMPERATURE DEPENDENCE OF THE SPIN SUSCEPTIBILITY OF A NEARLY FERROMAGNETIC FERMION LIQUID
TEMPERATURE MEASUREMENTS FROM A HIGH POWER ARGON ARC
TEMPERATURE VARIATION OF THE MOBILITY OF ELECTRONS IN RUTILE AT ELEVATED TEMPERATURES
TEMPERATURE MEASUREMENTS IN AN ARGON PLASMA
LOW TEMPERATURE IRRADIATION AND ANNEALING OF N-TYPE GERMANIUM EFFECTS OF OPTICAL BLEACHING
LOW TEMPERATURE TECHNIQUES FOR ELECTRON IRRADIATIONS
LOW TEMPERATURE MAGNETIC SPECIFIC HEAT OF NICKEL
LOW TEMPERATURE SURFACE EMISSION IN SEEDED COMBUSTION PRODUCTS
LOW TEMPERATURE CLEAVAGE MANIPULATOR FOR LEED APPARATUS
LOW TEMPERATURE SPECIFIC HEAT OF DILUTE MAGNETIC ALLOYS
LOW TEMPERATURE SPECIFIC HEAT OF FURORIUM SELENIDE
LOW TEMPERATURE THERMAL EXPANSION OF WURTZITE-PHASES OF II-VI COMPOUNDS PART I THERMAL EXPANSION OF ZNS WURTZITE
LOW TEMPERATURE THERMAL EXPANSION OF WURTZITE-PHASES OF II-VI COMPOUNDS - PART II THERMAL EXPANSION OF ZNS
LOW TEMPERATURE THERMAL EXPANSION OF WURTZITE-PHASES OF II-VI COMPOUNDS - PART III THERMAL EXPANSION OF COSE
LOW TEMPERATURE SPECIFIC HEAT OF COS MN
LOW TEMPERATURE SPECIFIC HEAT OF COS 0.45 PERCENT MN
HIGH TEMPERATURE SP-BAND SUPERCONDUCTORS
HIGH TEMPERATURE HALL EFFECT IN CUPROUS OXIDE
HIGH TEMPERATURE ACID-BASE REACTIONS-II METHYL-AMMONIUM CHLORIDE WITH CERTAIN METAL OXIDES
HIGH TEMPERATURE THERMAL CONDUCTIVITY OF RARE GASES AND GAS MIXTURES
HIGH TEMPERATURE EFFECT STRUCTURE OF FERROUS OXIDE
HIGH TEMPERATURE ELECTRICAL PROPERTIES OF MANGANESE MONOXIDE
HIGH TEMPERATURE EFFECT ON INCIDENT SEPARATION FINAL REPORT JAN 1967
HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NiO
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
HIGH TEMPERATURE EFFECTS IN GASDYNAMICS
HIGH TEMPERATURE HALL MOBILITY TECHNIQUES IN LOW MOBILITY CONDUCTORS
HIGH TEMPERATURE DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF NiO
HIGH TEMPERATURE ELASTIC MODULI OF ALUMINUM
DAYTIME TEMPERATURE PROFILES
THE LOW TEMPERATURE SPECIFIC HEAT OF EUROPIUM SULFIDE IN A MAGNETIC FIELD
THE LOW TEMPERATURE OXIDATION OF AMMONIA OVER A SUPPORTED RUTHENIUM CATALYST
SURFACE TEMPERATURE MEASUREMENTS ON SOLID PROPELLANTS DURING IGNITION
DYNAMIC TEMPERATURE MEASUREMENT DURING AXIAL IMPACT OF ANNEALED ALUMINUM TUBES
WIND AND TEMPERATURE PROFILES FROM PROJECT WINDY ACRES
THE DRYE TEMPERATURE OF NICKEL FROM 0 TO 300 DEGREES KELVIN
EFFECT OF TEMPERATURE GRADIENTS ON THE PROPAGATION OF ELASTOPLASTIC WAVES
TRANSIENT TEMPERATURE DISTRIBUTION OF AN IDEALIZED CONTACT SPOT
ROTATIONAL TEMPERATURE MEASUREMENT OF THE FLOW EXPANDING FROM A LOW DENSITY SONIC ORIFICE
TRANSITION TEMPERATURE OF LEAD-INDIUM AND LEAD-THALLIUM ALLOYS
RUBIDS FOR TEMPERATURE STANDARDS FINAL REPORT NOV 1967
DURATION OF COLD TEMPERATURE OVER NORTH AFRICA
LOW DENSITY HIGH TEMPERATURE GAS DYNAMICS FINAL REPORT DEC 1966
RESEARCH IN HIGH TEMPERATURE PLASMA
RELATING THE LOW TEMPERATURE CONDUCTIVITY OF RUTILE TO ITS DEFECT STRUCTURE
DETERMINING HIGH TEMPERATURE DEBYE CONSTANTS WITH THE AID OF X-RAY TECHNIQUES
QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY FINAL REPORT OCT 1968
ON THE ROTATIONAL TEMPERATURE OF A SUNSPOT
STRESS WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC HALF- SPACE SUBJECTED TO IMPULSIVE ELECTROMAGNETIC RADIATION
QUANTITATIVE HIGH TEMPERATURE INFRARED SPECTROSCOPY
HIGH PRESSURE HIGH TEMPERATURE CRYSTAL GROWTH SYSTEM
THE EFFECT OF WALL TEMPERATURE ON THE LOW REYNOLDS NUMBER HYPERSONIC STAGNATION REGION SHOCK LAYER
THE CONCEPT OF A MEAN TEMPERATURE IN THE FLAME REACTION ZONE
NONPLANAR CYCLOUTANE TEMPERATURE DEPENDENCE OF INFRARED SPECTRA OF CIS AND TRANS-METHYL
INVESTIGATION OF HIGH TEMPERATURE GAS CHROMATOGRAPHY SUBSTRATES
NUMERICAL EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING SOLIDIFICATION
INVESTIGATION OF THE LOW-TEMPERATURE TIME DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF RUTILE
THERMAL RADIATION OF HIGH TEMPERATURE COMBUSTION PRODUCTS FINAL REPORT JAN 1967
A STATISTICAL MODEL OF THE TEMPERATURE FIELD AT SUPERSONIC AIRCRAFT ALTITUDES
SUPERCONDUCTING TRANSITION TEMPERATURE AND RESISTIVITY OF TIN WHISKERS AS A FUNCTION OF UNIAXIAL TENSION
AN ESTIMATE OF THE SURFACE TEMPERATURE OF VENUS INDEPENDENT OF PASSIVE MICROWAVE RADIOMETRY
THE VELOCITY, PRESSURE AND TEMPERATURE DISTRIBUTION IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO DIMENSIONAL
AN INVESTIGATION OF THE LOW TEMPERATURE TIME DEPENDENCE OF THE ELECTRICAL CONDUCTIVITY OF RUTILE
HEAVILY DOPED SILICON AS A LOW TEMPERATURE TRANSMISSION FILTER FOR THE FAR INFRARED
THE SUPERCONDUCTING TRANSITION TEMPERATURE OF LANTHANUM SUBSCRIPT ONE MINUS X GADOLINIUM SUB X ALUMINUM SUB TWO
SMALL SHIELDED TERNICUPLE TOTAL TEMPERATURE PROBES
THE INFLUENCE OF RADIO BRIGHTNESS TEMPERATURE ON SOLAR FARE PREDICTION
ON THE DISTRIBUTIONS OF DENSITY AND TEMPERATURE IN THE LOW VELOCITY ZONE
REGIONAL DISTRIBUTION IN RESOPHAGEAL TEMPERATURE AND ITS USE IN LOCALIZING MEDIAL FINAL ORGANS AND MONITORING CENTRAL
REFRACTION OF SOUND BY JET FLOW AND JET TEMPERATURE II
ON THE ABSOLUTE MAGNITUDE AND EFFECTIVE TEMPERATURE OF THE HYDROGENPOOR STAR HD 30393
SPECTROSCOPIC INVESTIGATION OF ELECTRON TEMPERATURE DISTRIBUTION IN A NONEQUILIBRIUM PARTIALLY IONIZED FLOWING PLASMA
STRONG-COUPLED SUPERCONDUCTOR AT NONZERO TEMPERATURE
DEPENDENCE OF THE SUPERCONDUCTING CRITICAL TEMPERATURE ON δ RUPRECHT PPT44-747 1966
WAVE PROPAGATION IN THIN RODS WITH DISCRETE TEMPERATURE GRADIENTS
A GENERAL COMPUTER PROGRAM FOR EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING
A NOTE ON THE STABILITY PROPERTIES OF UNIFORM TEMPERATURE FIELDS
VARIATIONS WITH SEASON AND LATITUDE OF DENSITY TEMPERATURE AND COMPOSITION IN THE LOWER THERMOSPHERE

AFCL68-0561
AFML 67-0082
AFOSR67-1368
AFOSR67-1482
AFOSR67-1482
AFOSR68-0386
AFOSR68-0635
AFOSR68-0921
AFOSR68-0929
AFOSR68-1136
AFOSR68-1460
AFOSR68-1573
AFOSR68-1733
AFOSR68-2397
ARL 67-0262
ARL 67-1144
ARL 68-1127
AFCL68-0214
AFCL68-0502
AFOSR67-0371
AFOSR67-0697
AFOSR67-2319
AFOSR68-0021
AFOSR68-0108
ARL 67-0123
ARL 68-0183
ARL 68-0197
ARL 68-1460
ARL 68-1461
AFOSR67-0156
AFOSR67-1392
AFOSR67-1500
AFOSR68-1614
ARL 67-0137
ARL 67-1145
ARL 68-0011
ARL 68-0161
ARL 68-1032
ARL 68-1035
ARL 68-1039
ARL 68-1143
ARL 68-1170
ARL 68-1457
AFCL67-0097
AFOSR67-0694
AFOSR67-2601
AFOSR68-0034
AFOSR68-0826
AFCL67-0339
AFOSR68-0558
AFOSR68-2820
ARL 68-1215
AFOSR67-0335
AFOSR68-1554
RADC 67-0575
AFCL68-0232
AFOSR67-0414
ARL 67-1303
ARL 68-1146
ARL 68-1166
AFOSR67-0612
AFOSR67-1184
AFOSR67-2453
AFOSR68-1176
AFCL67-0656
ARL 67-0076
AFOSR68-0131
AFOSR68-0407
ARL 67-0004
ARL 68-1007
ARL 67-1141
AFOSR67-0951
AFCL67-0274
AFOSR67-0352
AFOSR68-1053
ARL 68-0155
ARL 68-1147
AFOSR67-1343
AFOSR68-1566
ARL 68-0104
AFCL67-0670
AFOSR68-1456
AFOSR67-0279
AFOSR67-0128
AFOSR67-2673
AFOSR68-0614
AFOSR67-0373
AFOSR67-0374
AFOSR67-1022
ARL 68-0064
AFOSR67-2645
AFCL67-0161

RESEARCH ON PLASMA DIAGNOSTIC METHODS FOR HIGH TEMPERATURE PLASMA RESEARCH FINAL REPORT MARCH 1967
 CONTRIBUTION TO THE H₂-O₂ PHASE DIAGRAM AT HIGH TEMPERATURE
 MOBILITY EFFECTS IN FUTURE TRANSITION TEMPERATURE AND SPECIFIC HEAT
 AN ELASTO-PLASTIC ANALYSIS OF CIRCULAR RINGS WITH TEMPERATURE DEPENDENT YIELD STRESS
 SPECTROSCOPIC STUDIES OF THE VAPORIZATION OF HIGH TEMPERATURE MATERIALS FINAL REPORT APRIL 1968
 SOME REMARKS ABOUT SPINWAVES AND ZERO SOUND IN LOW TEMPERATURE LIQUID HE³
 A MHD PLANT COMBUSTION TECHNIQUES AND SEEDING VII TEMPERATURE AND VELOCITY MODULATED MHD SYSTEMS
 STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING WIRES FINAL
 FIVE OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE CH SUB3 SIM SUB3 GEM SUB3 AND SNH SUB3
 ESH OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE P PH SUB2 AND AS
 OHMS LAW IN MULTICOMPONENT NONISOTHERMAL PLASMAS WITH TEMPERATURE AND PRESSURE GRADIENTS
 RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME I - MERCURY CONDENSATION EXPERIMENTS
 RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME II - CONDENSATION EXPERIMENTS IN A
 ON THE LIFETIME OF VISCOELASTIC STRUCTURES IN A RANDOM TEMPERATURE FIELD
 INFLUENCE OF THE DISSIPATION OF MECHANICAL ENERGY ON THE TEMPERATURE OF THE LOW CHROMOSPHERE
 MAGNETIC IMPURITIES AND SUPERCONDUCTIVITY BELOW THE KONDO TEMPERATURE
 RECOMBINATION OF H₂ ATOMS BY FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE
 THERMOTICAL STUDIES IN ELEMENTARY PARTICLES NUCLEAR & LOW TEMPERATURE PHYSICS
 THE DIFFUSION OF CARBON IN NICKEL ABOVE AND BELOW THE CURIE TEMPERATURE
 INVESTIGATION OF CROOKS IN MEASURING MAGNETIC FIELDS IN HIGH TEMPERATURE PLASMA DISCHARGES
 MAGNETOPLASTIC PROPERTIES OF VITRUM IRON GARNET AS A FUNCTION OF TEMPERATURE
 COLUMNAR DE-EXCITATION OF C-12 IN A HELIUM GAS AT HIGH DENSITY AND TEMPERATURE
 THE CONVERSION OF CUBIC TO HEXAGONAL SILICON CARBIDE AS A FUNCTION OF TEMPERATURE AND PRESSURE
 ELECTRON RADIATION DAMAGE IN CADMIUM-SELENIDE CRYSTALS AT LIQUID-HELIUM TEMPERATURE
 TRANSIENT NATURAL CONVECTION IN A VERTICAL TUBE WITH NON-AXISYMMETRIC WALL TEMPERATURE
 KINETICS OF ATOMIC ASSOCIATION REACTIONS USING FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE FINAL REPORT NOV 1968
 MAGNETIC AND OPTICAL MEASUREMENTS ON IRON GROUP IMPURITIES IN TiB-VIA COMPOUNDS AT CRYOGENIC TEMPERATURE
 PLANE WAVE PROPAGATION IN THE HALF SPACE WITH RANDOM EXCITATION AND COUPLING BETWEEN STRESS AND TEMPERATURE FIELD
 CRITICAL-FIELD MEASUREMENTS OF SUPERCONDUCTING TUNGSTEN AS RELATED TO THE CERIUM-MAGNESIUM-NITRATE TEMPERATURE SCALE
 HEAT TRANSFER IN CYLINDRICAL PIPES WITH FULLY ESTABLISHED TURBULENT FLOW AND EXPOSED TO A UNIFORM TEMPERATURE
 ANALYTICAL EXPRESSIONS OF SPACE-TIME CORRELATIONS CLERIFFS FACILITIES AND METHODS OF MEASUREMENT FOR TEMPERATURE

TEMPERATURE-HIGH

FIBER REINFORCED Ni-Cr ALLOYS FOR HIGH TEMPERATURE-HIGH STRENGTH APPLICATIONS FINAL REPORT JAN 1967

AFML 67-0049

TEMPERATURE-JUMP

LASER TEMPERATURE-JUMP STUDIES OF FAST REACTIONS FINAL REPORT NOV 1967

AFOSR67-2800

TEMPERATURE-TIME

TEMPERATURE-TIME HISTORY OF NIGHT CIRCULAR CYLINDER IN HYPERSONIC FLOW

ARL 68-0149

TEMPERATURES

TEMPERATURES LORENTZIAN WIDTHS AND DRIFT VELOCITIES IN THE ARGON-ION LASER
 ELECTRON TEMPERATURES OF IONIZED MERCURY DERIVED FROM HP AND RADIO FLUX DENSITIES
 NEUTRAL ATMOSPHERIC TEMPERATURES FROM INCOHERENT SCATTER OBSERVATIONS
 CHANGE OF TRANSITION TEMPERATURES OF ANTIMONIMAGNETIC CRYSTALS AS A FUNCTION OF HIGH HYDROSTATIC PRESSURES
 SUPERCONDUCTING CRITICAL TEMPERATURES OF NONSTOICHIOMETRIC TRANSITION METAL CARBIDES AND NITRIDES
 HIGH SUPERCONDUCTING TRANSITION TEMPERATURES IN THE MOLYBDENUM CARBIDE FAMILY OF COMPOUNDS
 HEAT OF FORMATION AND TRANSITION TEMPERATURES OF SOLID LITHIUM HEXAFLUOROALUMINATE
 THE HALL MOBILITY OF NiO AT ELEVATED TEMPERATURES
 10.7 CM-SOLAR RADIO FLUX AND IONOSPHERIC TEMPERATURES
 THE PHYSICS AND CHEMISTRY OF GASES AT HIGH-TEMPERATURES FINAL REPORT MARCH 1968
 A CONDUCTOR STAGE FOR USE AT LIQUID HELIUM TEMPERATURES
 SOLID-LESS THERMAL CONDUCTOR FOR USE AT LOW TEMPERATURES
 SUPERCONDUCTING CRITICAL FIELDS CURRENTS AND TEMPERATURES IN THE Nb-Zr-N TERNARY SYSTEM
 ELECTRON CONCENTRATIONS AND ELECTRON AND ION TEMPERATURES IN THE F REGION FOR MAGNETICALLY QUIET AND DISTURBED
 INFRARED ABSORPTANCE OF CO AND N₂O AT REDUCED TEMPERATURES
 TWO WICKER STRAINING DEVICES SUITABLE FOR LOW TEMPERATURES
 THERMAL CONDUCTIVITY OF NYLON AT LIQUID HELIUM TEMPERATURES
 A LASER-DRIVEN IMPLUSION FOR GENERATING VERY HIGH TEMPERATURES
 DETERMINING THE DEGREE OF ANISOTROPY IN FIRST POINT TEMPERATURES AS MEASURED BY AN OPTICAL DEW POINT SENSOR
 SUPERPARAMAGNETIC BEHAVIOR OF SOLIDS AT LIQUID HELIUM TEMPERATURES FINAL REPORT FEB 1967
 THE HALL MOBILITY OF ELECTRONS AND HOLES IN WND AT HIGH TEMPERATURES
 NUCLEAR SPIN-LATTICE RELAXATION IN ALKALI HALIDES AT LOW TEMPERATURES
 DIFFUSION COEFFICIENT ADSORPTION IN TRANSIENTS AND AT SUB-COOLING TEMPERATURES FINAL REPORT JUNE 1968
 BEHAVIOR OF COHERENT MICROWAVE PHONONS AT LOW AL/SURF/20/SUR TEMPERATURES IN USING VAPOR-DEPOSITED THIN-FILM
 REMAGNETIZATION OF FERROMAGNETIC MULTIPLE FILMS AT LIQUID HELIUM TEMPERATURES
 THERMAL TIME CONSTANTS OF GERMANIUM THERMISTORS AT LIQUID HELIUM TEMPERATURES
 LANGMUIR PROBES FOR DETERMINING IONOSPHERIC PARTICLE DENSITIES AND TEMPERATURES
 GAS WISSEN HUCHSTER TEMPERATURE THE MEASUREMENT OF EXTREMELY HIGH TEMPERATURES
 SHEAR STRENGTH OF TWELVE GROSSLY DEFORMED METALS AT HIGH PRESSURES AND TEMPERATURES
 INVESTIGATION OF PLATES AND SHELLS UNDER EXTERNAL LOADING AND ELEVATED TEMPERATURES FINAL REPORT MARCH 1967
 ORIGIN OF CONSTRICTED MAGNETIZATION LOOPS IN HARD-ROLLED NICKEL AT LOW TEMPERATURES
 APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES
 APPARATUS FOR MEASURING THE HALL EFFECT OF LOW-MOBILITY SAMPLES AT HIGH TEMPERATURES
 MAGNETIC RELAXATION PROPERTIES OF MAGNETITE POWDER DOWN TO LIQUID HELIUM TEMPERATURES
 THERMAL AND MAGNETIC PROPERTIES OF ADSORBED PHASES OF H₂-1 AND -4 AT LOW TEMPERATURES FINAL REPORT JULY 1968
 TEMPERATURE VARIATION OF THE MOBILITY OF ELECTRONS IN NITILE AT ELEVATED TEMPERATURES
 EXPERIMENTAL EVIDENCE FOR HIGHLY MOBILE ELECTRONS IN NiO AND WND AT HIGH TEMPERATURES
 AN EXPERIMENT CONCERNING THE EVAPORATION AND CONDENSATION OF PLATINUM AT HIGH TEMPERATURES
 NUCLEAR MAGNETIC RELAXATION IN WATER-FORTH-RODDED CALCIUM FLUORIDE CRYSTALS AT LOW TEMPERATURES
 DETERMINATION OF THE THERMAL ACCOMMODATION COEFFICIENTS OF GASES ON CLEAN SURFACES AT TEMPERATURES ABOVE 300 DEGREES K
 A MASS SPECTROMETRIC STUDY OF THE BERYLLIUM OXIDE-BERYLLIUM DIFLUORIDE SYSTEMS AT HIGH TEMPERATURES
 TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES
 APPLICATION OF A TEMPERATURE-OSCILLATION METHOD TO THERMOMAGNETIC STUDIES OF MAGNETIC PHENOMENA AT LOW TEMPERATURES

AFOSR67-0323
 AFOSR67-0385
 AFOSR68-1052
 ARL 67-1294
 AFOSR67-0102
 AFOSR67-2574
 AFOSR67-1984
 ARL 68-0268
 AFOSR67-2693
 AFOSR68-0830
 AFOSR67-0369
 AFOSR68-0786
 AFOSR67-0103
 AFOSR68-1126
 AFOSR68-0007
 AFOSR68-0913
 ARL 68-1462
 ARL 67-0136
 AFOSR67-0147
 AFOSR67-2002
 ARL 68-0159
 AFOSR67-1353
 AFOSR68-0413
 AFOSR67-0016
 AFOSR67-0433
 AFOSR68-0201
 AFOSR68-0306
 ARL 68-0328
 AFOSR67-0875
 AFOSR67-0931
 AFOSR68-0166
 ARL 68-0234
 ARL 68-0331
 AFOSR67-0394
 AFOSR68-2320
 ARL 67-1144
 ARL 68-1109
 ARL 67-1087
 AFOSR67-0362
 AFOSR67-1922
 AFOSR68-1293
 AFOSR67-1452
 AFOSR68-1014

TEMPORAL

TEMPORAL CORRELANCE AND ENFORCEMENT IN THE CHARACTERISTICS OF A D SPOILED WAVE LASER
 TEMPORAL FEATURES OF HIGH-INTENSITY SURFACE MICROSCOPES
 TEMPORAL INTEGRATION IN REMOTE SENSING TO SOLAR ENERGY ALPHABETIC STIMULATION
 SPATIAL AND TEMPORAL REGULATION IN OPTICAL UNIT
 SPATIAL AND TEMPORAL REGULATION IN OPTICAL UNIT
 A TEMPERATURE STUDY OF THE TEMPORAL INTEGRATION OF PHONONS
 REGULATION OF MICROSTRUCTURAL TOWARD THE TEMPORAL REGULATION OF A SKILL
 A TEMPERATURE AND TEMPORAL REGULATION PROGRAM IN A TEMPERATURE FIELD WITH EMPHASIS ON TEMPORAL AND SPATIAL

AFOSR67-0147
 AFOSR68-1714
 AFOSR68-2524
 AFOSR67-2478
 AFOSR67-2478
 AFOSR67-2478
 AFOSR67-2478
 AFOSR67-2478
 AFOSR67-2478

TEMPERATURE

TEMPERATURE DEPENDENCE OF THE THERMAL CONDUCTIVITY OF ALUMINUM
 TEMPERATURE DEPENDENCE OF THE THERMAL CONDUCTIVITY OF ALUMINUM

AFOSR67-1209
 ARL 68-1275

TENSION

SUPERCONDUCTING TRANSITION TEMPERATURE AND RESISTIVITY OF TIN WHISKERS AS A FUNCTION OF UNIAXIAL TENSION
INTERIOR PLASTIC STRESS FIELD IN A CONTINUOUS CLOSP-PACKED FILAMENTARY COMPOSITE MATERIAL UNDER UNIAXIAL TENSION

AFOSR67-0392
AFOSR68-1996

TENSOR

TENSOR OPERATORS AND MASS FORMULA IN THE MINIMAL EXTENSION OF U-SUB THREE BY CHARGE CONJUGATION
THEORY OF TENSOR APERTURE SYNTHESIS
THE PHYSICAL TENSOR AND APPLICATION FINAL REPORT FEB 1967
THE PHYSICAL TENSOR AND APPLICATION
COVARIANT DECOMPOSITION OF A TENSOR AND THE GRAVITATIONAL CAUCHY PROBLEM /FRENCH/
SOME COMPUTATIONAL ASPECTS OF THE TENSOR PRODUCT OF LINEAR PROGRAMS
RECIPROCAL ROOSTER OF THE VECTOR AND TENSOR TRAJECTORIES FROM SUPERCONVERGENCE
CONFORMAL GEOMETRY AND THE INTERPRETATION OF THE WEYL TENSOR
ROHM-APPROXIMATION FORMULATION OF NEUTRON-NEUTRON SCATTERING WITH TENSOR INTERACTION

AFOSR67-2113
AFOSR67-0226
AFOSR67-1161
AFOSR68-1621
AFOSR67-1473
ARL 67-1272
AFOSR68-2548
AFOSR67-0370
AFOSR68-2659

TENSORS

LENGTHS OF TENSORS
COVARIANT DECOMPOSITION OF SYMMETRIC TENSORS AND THE GRAVITATIONAL CAUCHY PROBLEM
CONFORMAL PROPERTIES OF BLACKBODY RADIATION III CROSS- SPECTRAL TENSORS
A THEOREM ON RANK WITH APPLICATIONS TO MAPPINGS ON SYMMETRY CLASSES OF TENSORS

AFOSR67-2848
AFOSR68-0112
AFOSR67-2730
AFOSR67-2476

TETRAFLUORINE

THE FLUOROSULFURIC ACID SOLVENT SYSTEM II SOLUTIONS OF ANTIMONY TETRAFLUORIDE ANTIMONY PENTAFLUORIDE

AFOSR67-0545

TERMIUM-161

THE DECAY OF TERMIUM-162 AND OF A DECAY SYSTEMATICS

ARL 68-1222

TEREPHTHALATE

CONFIGURATIONAL STATISTICS OF POLY /ETHYLENE TEREPHTHALATE/ CHAINS

AFOSR67-1462

TERM

SHORT TERM AND LONG TERM MEMORY PROCESSES A FUNCTIONAL MODEL OF FRONTO-TEMPORAL RELATIONSHIPS FINAL REPORT JULY 1968
ACTIVATION AND LONG TERM PERFORMANCE
SHORT TERM AND LONG TERM MEMORY PROCESSES A FUNCTIONAL MODEL OF FRONTO-TEMPORAL RELATIONSHIPS FINAL REPORT JULY 1968
THEOREM ON C-NUMBER SCHWINGER TERM
SMOOTHING EFFECT OF THE TURBULENCE TERM IN OBJECTIVE ANALYSIS AND NUMERICAL PREDICTION
DESCRIPTION OF AN EXPERIMENT INVESTIGATING TERM RELATIONSHIPS AS INTERPRETED BY HUMANS
EFFECT OF SIZE AND LOCATION OF INFORMATIONAL TRANSFORMS UPON SHORT TERM RETENTION

AFOSR68-1672
AFOSR67-1941
AFOSR68-1672
AFOSR67-2771
AFOSR68-0269
AFOSR68-1599
AFOSR67-1811

TERM-MEMORY

VERBAL SHORT TERM-MEMORY AS A FUNCTION OF DEGREE OF LEARNING ON A PERCEPTUAL MOTOR INTERPOLATED ACTIVITY

AFOSR68-1891

TERMINAL

COMMON TERMINAL MULTICOMMODITY FLOW
EMISSION FROM EXCITED TERMINAL STATES OF BOUND EXCITON COMPLEXES

AFOSR68-2260
ARL 68-1370

TERMINALIS

THE PROPERTIES OF THE STRIA TERMINALIS FIBRES

AFOSR67-1331

TERMINALS

THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE NUCLEUS AFTER STIMULATION OF VISUAL CORTIX
RELATIONSHIP BETWEEN CORTICAL ACTIVITY AND THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE BODY

AFOSR67-2539
AFOSR67-2544

TERMINATED

SINGLE TEE AND DI TWO-PORTS RESISTIVELY TERMINATED AND HAVING A PRESCRIBED DRIVING-POINT IMITTANCE

AFOSR67-0430

TERMINATION

TERMINATION OF THE S-PROCESS
TERMINATION OF ALGORITHMS

AFOSR67-2523
AFOSR68-1302

THERMOCOUPLE

SMALL SHIELDED THERMOCOUPLE TOTAL TEMPERATURE PROBES

ARL 68-0108

TERMS

SCHWINGER TERMS FROM LOCAL CURRENTS
THE NUMBER OF TERMS IN THE GENERAL GAIN FORMULAS FOR COATES AND MASON SIGNAL FLOW GRAPHS
EXPANSIONS IN TERMS OF THE HOMOGENEOUS SOLUTIONS OF THE HEAT EQUATION
CLOSED FORM FOR THE PERTURBATION TERMS OF THE LINEAR BOLTZMANN EQUATION
CHARACTERIZATION OF SPEECH SOURCES IN TERMS OF GENETIC OPERATING CHARACTERISTICS
STRIPS-TENSOR COMMUTATORS AND SCHWINGER TERMS
A LOOP RULE FOR DISCRIMINATION INFORMATION IN TERMS OF VARIATION
REGULARITIES ARISING IN THE COMPOSITE-NARROW PICTURE IN TERMS OF A THEORY OF HIGH-ENERGY CURRENTS
REPRESENTATION OF THE THREE-DIMENSIONAL ROTATION GROUP IN TERMS OF DIRECTION AND ANGLE OF ROTATION
NON EQUILIBRIUM FLOW FIELD EQUATIONS TO WITHIN FIRST ORDER TERMS IN THE AFFINITIES FINAL REPORT JULY 1968

AFOSR68-0760
AFOSR67-0346
AFOSR68-1972
AFOSR67-1140
AFOSR67-0109
AFOSR68-0719
AFOSR67-1250
AFOSR68-0261
ARL 68-0224
AFOSR68-1929

TERNARY

TERNARY CELLULAR CASCADS
THE PHASES IN THE TERNARY SYSTEMS LANTHANUM-BARIUM-TELLURIUM AND LANTHANUM-TIN-ANTIMONY
SUPERCONDUCTING CRITICAL FIELD CURRENTS AND TEMPERATURES IN THE Hg-Zn-Tl TERNARY SYSTEM
CRYSTAL GROWTH OF ARSINE AND PHOSPHINE INVESTIGATIONS ON ADSORPTION SPECTRA IN THE TERNARY SYSTEMS BARIUM-ALUMINUM-
VIBRATIONAL SPECTRA AND ASSIGNMENT OF IRONINE PENTAFLUORIDE FROM RESONANCE BETWEEN A PENTAMETHYL AND A TERNARY

AFOSR68-1689
AFOSR67-1917
AFOSR67-0103
AFOSR67-2737
AFOSR68-0175

TERRAIN

THE USE OF THE TERRAIN CORRECTION IN SOLVING MOLODINSKY'S PROBLEM
IMAGINED RADIANCE IN SELECTED TERRAIN FEATURES AS VIEWED FROM HIGH ALTITUDE
DISSEMINATION AND SCATTERING OF THE ELECTROMAGNETIC WAVING WAVES BY TERRAIN FEATURES

AFOSR68-0298
AFOSR67-0448
AFOSR68-0212

TERRITORIES

THE TERRITORY OF TERRITORY PHOTOGRAPHY FINAL REPORT OCT 1968
TERRITORY SPECTROSCOPY AND THE TERRITORY PHOTOGRAPHY

AFOSR67-0676
AFOSR67-0085

TERRESTRIAL

- CONTINUED

ULTRAVIOLET RADIATION AND THE TERRESTRIAL SURFACE

AFCL66-0572

TERRESTRIAL

MONOENERGETIC MECHANISMS IN THE NERVOUS SYSTEM OF LUMBRICUS TERRESTRIS /L/

AFOSR66-0315

TERTIARY

TERTIARY PHOSPHINE COMPLEXES OF PLATINUM(II) AND PALLADIUM(II)
 LIGAND-FIELD TRANSITIONS IN TERTIARY PHOSPHINE AND ARSINE COMPLEXES OF RUTHENIUM(II) AND OSMIUM(II)
 A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE COMPLEXES OF PLATINUM(II)
 A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBOXYLS
 A PHOSPHORUS-31 NUCLEAR MAGNETIC RESONANCE STUDY OF TERTIARY PHOSPHINE DERIVATIVES OF GROUP VI METAL CARBOXYLS II
 A REACTION OF THIONYL CHLORIDE WITH A CARBOXYLIC ACID IN THE PRESENCE OF A TERTIARY AMINE AND X-RAY

AFOSR67-1424
 AFOSR66-0927
 AFOSR67-1613
 AFOSR67-2726
 AFOSR66-0505
 AFOSR67-2887

TEST

TEST SECTION CONDITIONS FOR THE TAILORED INTERFACE HYPERSONIC SHOCK TUNNEL
 A TEST OF A TWO-STAGE MODEL OF MAGNITUDE JUDGEMENT
 SPOT TEST DETECTION OF SULFIDE IN MINERALS
 NUMERICAL TEST OF THE INTEGRAL HELLMANN-FEYNMAN THEOREM
 DESIGN AND TEST OF MODEL 21.010 136.5 MHZ ANTENNA FOR NIRO AF 7.618
 THE PARABOLA TEST FOR ABSOLUTE STABILITY
 SIMULTANEOUS TEST FOR MULTIPLE COMPARISONS OF GROWTH CURVES FINAL REPORT SEP 1967
 SIMULTANEOUS TEST PROCEDURES
 REFURISHMENT TEST INTEGRATION AND FIELD SUPPORT OF SCIENTIFIC INSTRUMENTS FOR THE OVI-13 SATELLITE FINAL REPORT JUN
 AN EXPERIMENTAL TEST OF PROPOSED WATER-VAPOR LASER TRANSITION ASSIGNMENTS
 HOW TO SHORTEN A TEST AND INCREASE ITS RELIABILITY AND VALIDITY
 UHF TELEMETRY SYSTEM TEST FLIGHT
 DISTRIBUTION-FREE LIFE TEST SAMPLING PLANS
 PERCENTAGE POINTS OF WEIBULL TEST STATISTICS
 DESIGN DEVELOPMENT AND FLIGHT TEST OF THE VIPER DART ROBIN METEOROLOGICAL ROCKET SYSTEM FINAL REPORT JUNE 1966
 THERMODYNAMIC CONDITIONS OF THE TEST GAS IN A BALLISTIC COMPRESSOR
 RESEARCH ON ADVANCED GAS DYNAMIC TEST FACILITIES FINAL REPORT APRIL 1967
 FURTHER RESEARCH ON THE EFFECT OF TEST MACHINE EXTENSIONAL RIGIDITY ON THE INITIAL BUCKLING LOAD OF UNREINFORCED
 THE HYPERSONIC SLIPPER BEARING--A TEST TRACK PROBLEM
 HIGH-ENERGY ELECTRON SCATTERING AS A TEST OF THE NUCLEAR CLUSTER MODEL
 THE SHOCK TUNNEL AS A SUPERSONIC COMBUSTION TEST FACILITY
 ASYMPTOTICALLY LOCALLY MOST POWERFUL RANK ORDER TEST STATISTICS
 PROVIDE PAYLOAD FOR AROBRE ROCKET REFURBISH AND TEST A LUNAR POINTING CONTROL AND TELEMETRY SYSTEM FINAL REPORT NOV
 ALTERNATE COEFFICIENTS CONSTRAINTS FOR STABILITY TEST
 DISTRIBUTION AND POWER OF THE ABSOLUTE NORMAL SCORES TEST
 AIRMAN QUALIFYING EXAMINATION--66 ADMINISTERED AS A CONFIDENCE TEST
 SHOCK WAVE DISCUSSION MEASUREMENTS PART II EXPERIMENTAL APPARATUS AND AIR TEST RESULTS
 THE ISENTROPIC COMPRESSION TUBE A NEW APPROACH TO GENERATING HYPERVELOCITY TEST FLOWS WITH LOW DISSOCIATION
 A REVIEW OF THE APPLICABILITY OF THE SOUTHWELL PLOT TO THE INTERPRETATION OF TEST DATA OBTAINED FROM STABILITY STUDIES
 GENERALIZATION OF THEOREMS OF CHERNOFF AND SAVAGE ON THE ASYMPTOTIC NORMALITY OF TEST STATISTICS
 A COMPARISON OF HYPNOTIC SUSCEPTIBILITY AS ASSESSED BY DIAGNOSTIC RATINGS AND INITIAL STANDARDIZED TEST SCORES

AFOSR67-2024
 AFOSR66-1439
 ARL 67-0006
 AFOSR67-2470
 AFCL67-0083
 AFOSR66-2454
 ARL 67-0199
 ARL 67-1025
 AFCL66-0206
 AFOSR66-2828
 AFOSR66-2159
 AFCL66-0445
 ARL 67-0282
 ARL 67-1032
 AFCL66-0418
 AFOSR66-0108
 ARL 67-0869
 AFOSR67-1506
 ARL 66-1107
 AFOSR67-0578
 AFOSR67-0867
 ARL 66-1287
 AFCL67-0647
 AFOSR66-2535
 AFOSR66-0205
 AFOSR66-2162
 AFOSR66-1772
 ARL 67-0133
 AFOSR67-1441
 AFOSR66-1276
 AFOSR67-1639

TEST-PARTICLE

TEST-PARTICLE RELAXATION IN AN ELECTRON GAS DESCRIBED BY THE FOKKER-PLANCK KINETIC EQUATION
 TEST-PARTICLE PROPAGATOR AND ITS APPLICATION TO THE DECAY OF PLASMA WAVE ECHOES

AFOSR67-1912
 AFOSR66-2693

TEST-SYNTHESIS

AN EVALUATION OF HEURISTICS FOR THRESHOLD-FUNCTION TEST-SYNTHESIS

AFOSR66-1297

TESTER

A PHONOLOGICAL RULE TESTER

AFCL66-0085

TESTING

TESTING HYPOTHESES IN RANDOMIZED FACTORIAL EXPERIMENTS
 ON TESTING CORRELATION MATRICES
 FIELD TESTING THE ARL DUST SEPARATOR
 A METHOD FOR TESTING AND IMPROVING MOLECULAR CONSTANTS OF DIATOMIC MOLECULES WITH SPECIAL REFERENCE TO BROMINE
 DEVELOPMENT AND TESTING OF AIR BALLAST SYSTEMS FINAL REPORT OCT 1966
 HIGH SPEED CASCADE TESTING AND ITS APPLICATION TO AXIAL FLOW SUPERSONIC COMPRESSORS
 RELIABILITY AND LIFE TESTING
 RELIABILITY AND LIFE TESTING
 THE DYNAMIC LOW CYCLE TESTING MACHINE /DESIGN AND CALIBRATION/
 INVESTIGATION OF SPEECH TRANSMISSION TESTING FINAL REPORT FEB 1967
 DEVELOPMENT PARTICIPATION ASSEMBLY AND TESTING OF BIAXIAL POINTING CONTROL AND ASSOCIATED TELEMETERING SYSTEMS FINAL
 A SINUSOIDAL WAVE GENERATOR FOR DYNAMIC TESTING OF FLUIDIC DEVICES
 RESULTS ON STATISTICAL ESTIMATION AND HYPOTHESIS TESTING WITH APPLICATION TO THE WEIBULL AND EXTREME-VALUE
 A PURE WIND TUNNEL FOR HIGH REYNOLDS NUMBER SUPERSONIC TESTING
 A REPORT ON THE EFFECT OF DEGREE OF CONFIDENCE IN STUDENT TESTING
 THE HUMAN EYE-MOVEMENT MECHANISM EXPERIMENTS A MODELING AND MODEL TESTING FINAL REPORT JUNE 1967
 FABRICATION OF CADMIUM SULFIDE THIN FILM SOLAR CELLS FOR SPACE VEHICLE TESTING FINAL REPORT DEC 1967

AFOSR66-0172
 AFOSR67-1205
 ARL 67-1255
 AFOSR66-0667
 AFCL66-0584
 ARL 66-1015
 ARL 66-1253
 ARL 66-1470
 AFOSR66-0267
 AFCL67-0197
 AFCL67-0446
 AFOSR66-2582
 ARL 66-0068
 ARL 66-0031
 AFOSR66-2161
 ARL 67-0005
 ARL 67-0282

TESTS

TESTS OF A METHOD FOR MAKING GEODETIC TIES BY OBSERVING A SATELLITE OPTICAL BEACON
 TESTS FOR A SIMPLE LEARNING AND PERCEIVING ARTIFACT
 TESTS FOR THE EQUALITY OF COVARIANCE MATRICES UNDER THE INTRACLAS CORRELATION MODEL
 SPOT TESTS FOR THE DETECTION OF ELEMENTAL ARSENIC ANTIMONY AND TIN
 SPOT TESTS FOR THE DETECTION OF BOUND ARSENIC ANTIMONY
 WIND TUNNEL TESTS OF NATURAL SHAPE BALLOON MODEL
 WIND TUNNEL TESTS OF SIMULATED SPHERICAL MAILSTONES WITH VARIABLE ROUGHNESS
 EXPERIMENTAL TESTS OF THE THEORY OF AN AMPLITUDE-LIMITED CORRELATION DETECTOR
 SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES AGAINST CERTAIN ALTERNATIVES FINAL REPORT MARCH 1967
 SIMULTANEOUS TESTS FOR THE EQUALITY OF COVARIANCE MATRICES AGAINST CERTAIN ALTERNATIVES FINAL REPORT SEP 1966
 EXPERIMENTAL TESTS OF HYDROGEN B STARK BROADENING THEORY AT HIGH ELECTRON DENSITIES
 SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
 SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
 SIMULTANEOUS TESTS AND MULTIPLE DECISION PROCEDURES FOR MULTI-RESPONSE GROWTH CURVES
 SPECIFIC SPOT TESTS BASED ON THE RELEASE OF HYDROGEN CYANIDE FROM ACIDIC MERCURIC CYANIDE SOLUTION
 MULTIPLE COMPARISON TESTS
 MULTIPLE COMPARISON TESTS FOR GROWTH CURVES
 THEORY AND TABLES FOR TESTS OF HYPOTHESES CONCERNING THE MEAN AND THE VARIANCE OF A WEIBULL POPULATION FINAL REPORT
 PHYSICAL AND BALLISTIC TESTS IN SUPPORT OF SOUNDING ROCKET VEHICLES FINAL REPORT MAY 1967
 ASYMPTOTICALLY OPTIMAL TESTS FOR MULTINOMIAL DISTRIBUTIONS
 SUPERSONIC WIND-TUNNEL TESTS OF WAVY-WALLED CYLINDERS

AFCL67-0074
 AFOSR67-2719
 ARL 67-0206
 ARL 67-0086
 ARL 67-0087
 AFCL66-0123
 AFOSR67-1910
 AFOSR66-2604
 ARL 67-0044
 ARL 66-0169
 ARL 66-1183
 ARL 66-1250
 ARL 66-1251
 ARL 66-1464
 ARL 66-1465
 ARL 66-0178
 ARL 67-1026
 ARL 67-1028
 ARL 67-0059
 AFCL67-0275
 AFOSR67-0601
 ARL 67-0251

TESTS

- CONTINUED

SIZE AND POWER OF SOME TESTS UNDER EXPERIMENTAL RANDOMIZATION
THE COMPARISON OF MULTIVARIATE TESTS OF HYPOTHESIS BY MEANS OF SAMADUR EFFICIENCY
INTRODUCTION TO MULTIPLE COMPARISON TESTS
INTRODUCTION TO MULTIPLE COMPARISON TESTS
TRIUMPH GRAPHICS FROM 1961-1962 NUCLEAR TESTS
SOME RECENT DEVELOPMENTS ON MULTIPLE COMPARISON TESTS
SOME RECENT DEVELOPMENTS ON MULTIPLE COMPARISON TESTS
GEOMAGNETIC OBSERVATIONS OF 1962 HIGH ALTITUDE NUCLEAR TESTS // FINAL REPORT MAR 1967
ROCK DEFORMATION AND THE DEFORMATION MECHANISMS IN TORSION TESTS FINAL REPORT MAR 1967
REVIEW OF WORLDWIDE IONOSPHERIC AND COMMUNICATIONS EFFECTS OF U S 1962 NUCLEAR TESTS // -- VOLUME II FINAL REPORT NOV APCRL67-0103

TETHERED
PROCEEDINGS APCRL TETHRED HALLOON WORKSHOP 1967 APCRL68-0097

TETRADEFNINE
THE INTERFERENCE OF TETRADEFNINE BENZOINAMIDE AND PRENYLAMINE WITH THE ACTION OF RESERPINE AFOSR68-0603

TETRACARBONYLS
INFRARED SPECTRA AND STRUCTURE OF SILICON COBALT TETRACARBONYLS
RECALCULATION OF FORCE CONSTANTS IN CARBON AND SILICON COBALT TETRACARBONYLS AFOSR67-1367
AFOSR68-1783

TETRACHLORIDE
THE RADIATION CHEMISTRY OF GAS-PHASE CARBON TETRACHLORIDE- CARBON TETRAFLUORIDE MIXTURES ARL 68-1330

TETRACYANATE
VIBRATIONAL SPECTRA AND FORCE CONSTANTS OF ZINC TETRACYANATE ION ZINC TETRAISOTHIOCYANATE ION ZINC AFOSR67-2797

TETRACYCLOHEXYLSILAN
/TETRACYCLOHEXYLSILANE/ THE RESOLUTION OF AN ENIGMA ARL 67-0118

TETRADECAMETHYLCYCLO
OFCAMETHYLCYCLOPENTASILANE AND TETRADECAMETHYLCYCLOPENTASILANE AFOSR67-0197

TETRADENTATE
THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL // CYANIDE COMPLEX CONTAINING THE TETRADENTATE LIGAND TRIS/3- AFOSR67-2172

TETRAFLUORIDE
THE RADIATION CHEMISTRY OF GAS-PHASE CARBON TETRACHLORIDE- CARBON TETRAFLUORIDE MIXTURES ARL 68-1330

TETRAFLUOROBORATE
SOLVENT EFFECTS ON THE BORON-FLUORINE COUPLING CONSTANT AND ON FLUORINE EXCHANGE IN THE TETRAFLUOROBORATE ANION AFOSR68-1412

TETRAFLUOROETHYLENE
THE PYROLYSIS OF TETRAFLUOROETHYLENE
COMBUSTION KINETICS OF TETRAFLUOROETHYLENE FINAL REPORT SEPT 1967 AFOSR68-1200
COMBUSTION KINETICS OF TETRAFLUOROETHYLENE FINAL REPORT JULY 1968 AFOSR68-0099
AFOSR68-2136

TETRAFLUOROMETHANE
TETRAFLUOROMETHANE AFOSR67-0801

TETRAGONAL
NONSTOICHIOMETRY OF ZRO50.92 AND ITS RELATION TO TETRAGONAL- CUBIC INVERSION IN ZRO50.92 ARL 67-0170

TETRAHEDRAL
APPROXIMATE FORCE CONSTANTS FOR TETRAHEDRAL METAL CARBONYLS AND NITROSYLS
VALIDITY OF EVIDENCE ALLEGED TO DISTINGUISH PLANAR TETRAHEDRAL AND BRIDGE RADICALS AFOSR67-0233
AFOSR68-2909

TETRAHEDRAL-LIKE
PREPARATION AND STRUCTURE OF /CH3UR3SFESUB2/CN/SUB6 SUB25/ AN ORGANOMETALLIC COMPLEX CONTAINING A TETRAHEDRAL-LIKE AFOSR67-1659

TETRAHEDRALLY
NEW STUDIES OF THE ENERGY BAND STRUCTURE OF TETRAHEDRALLY- BONDED SEMICONDUCTORS AND SEMIMETALS ARL 68-1409

TETRAHEDRALLY-BONDED
ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS -- REFINEMENT OF FIRST-PRINCIPLES ENERGY BAND MODELS
ELECTRONIC STRUCTURE OF TETRAHEDRALLY-BONDED SEMICONDUCTORS - EMPIRICALLY-ADJUSTED OPW ENERGY BAND CALCULATIONS ARL 68-0244
ARL 68-1410

TETRAHYDRATE
THE CRYSTAL STRUCTURE OF BASIC ZIRCONIUM SULPHATE TETRAHYDRATE
ULTRASONIC RELAXATION OF HYDRATE MELTS CALCIUM NITRATE TETRAHYDRATE AFOSR67-1309
AFOSR67-2587

TETRAHYDROFURAN
POTASSIUM HYPERFINE SPLITTING IN THE ESR SPECTRUM OF PYRENE ANIONS IN TETRAHYDROFURAN AFOSR68-1255

TETRAISAMMONIUM
EFFECT OF PRESSURE ON CONDUCTANCE III TETRAISAMMONIUM PICRATE ANISOLE AFOSR68-0216

TETRAISOTHIOCYANATE
VIBRATIONAL SPECTRA AND FORCE CONSTANTS OF ZINC TETRACYANATE ION ZINC TETRAISOTHIOCYANATE ION ZINC AFOSR67-2797

TETRAMERIC
PREPARATION AND STRUCTURE OF A TETRAMERIC CYCLOPENTADIENYLIRON SULFIDE AFOSR67-0723

TETRAMETHYL
NPA-DPCAY OF RADIOACTIVE LEAD TETRAMETHYL AFO8R67-2375

TETRAMETHYLAMMONIUM
CHLORINE-35 NUCLEAR QUADRUPOLE RESONANCE AND THE STRUCTURE OF THE DICHLORIDE ION IN TETRAMETHYLAMMONIUM DICHLORIDE AFO8R68-0679

TETRAPHENYLPHENANE
HYDROGENATION PRODUCT OF TETRAPHENYL METHANE. THE CYCLOHEXYL, PHENYL TETRASUBSTITUTED METHANES ARL 67-0225

TFTROXIDE
THEORETICAL EFFECT OF NONEQUILIBRIUM COMBUSTION ON HYDRAZINE/NITROGEN TETROXIDE PROPELLANT PERFORMANCE AFO8R68-1290

TEXAS
TEXAS BIENNIAL OF ELECTRONICS RESEARCH NO 6 FINAL REPORT NOV 1966 AFO8R67-0205
TEXAS BIENNIAL OF ELECTRONICS RESEARCH NO 5 FINAL REPORT MAY 1967 AFO8R67-1115
TEXAS BIENNIAL OF ELECTRONICS RESEARCH NO 6 FINAL REPORT NOV 1967 AFO8R67-2342
THE 1967 TEXAS SYMPOSIUM ON RELATIVISTIC ASTROPHYSICS ARL 67-1732
PROCEEDINGS OF ANNUAL JOINT SERVICES ELECTRONICS PROGRAM REVIEW 4TH AUSTIN TEXAS 16-17 MAR 1967 AFO8R67-0851
HIGH-TEMPERATURE CHEMISTRY CURRENT AND FUTURE PROBLEMS CONFERENCE ORGANIZED AT RICE UNIVERSITY HOUSTON TEXAS JANUARY AFO8R67-1082

TEXTS
COMPUTABLE SEMANTIC DERIVATIONS /AND THEIR APPLICATION TO NATURAL LANGUAGE TEXTS/ AFO8R68-0790

TEXTURE
THE TEXTURE OF CHROMIUM OXIDE CATALYSTS AFO8R68-0655

TEXTURING
TEXTURING IN COLD ROLLED METALS ARL 68-1164

THALAMIC
ROLE OF TWO THALAMIC NUCLEI IN INSTRUMENTAL CONDITIONING IN THE RAT (FRENCH) AFO8R67-0113

THALAMUS
THE ROLE OF THE THALAMUS MEDIAN IN THE ESTABLISHMENT AND THE RETENTION OF CONDITIONED DEFENSES CLASSICAL AND AFO8R67-2114

THALLIUM
THE FLUORESCENT RESPONSE OF SODIUM IODIDE THALLIUM CESIUM IODIDE THALLIUM CESIUM IODIDE SODIUM AND CALCIUM FLUORIDE AFO8R67-1932
SUPERCONDUCTING TRANSITIONS IN BODY-CENTERED CUBIC THALLIUM-INDIUM ALLOYS AFO8R67-1237
THE FLUORESCENT RESPONSE OF SODIUM IODIDE THALLIUM CESIUM IODIDE THALLIUM CESIUM IODIDE SODIUM AND CALCIUM FLUORIDE AFO8R67-1932
NUCLEAR MAGNETIC RESONANCE STUDY OF ELECTRON-COUPLED INTERNUCLEAR INTERACTIONS IN THALLIUM CHLORIDE AFO8R67-0613

THALLIUM/III
PHOTOCHEMICAL DECARBOXYLATION OF ACIDS WITH THALLIUM/III/ AFO8R68-2511

THEOREM
THEOREM ON C-NUMBER SCHWINGER TERM AFO8R67-2771
A THEOREM ON RANDOM FOURIER SERIES ON NONCOMMUTATIVE GROUPS AFO8R67-2119
A THEOREM ON RANK WITH APPLICATIONS TO MAPPINGS ON SYMMETRY CLASSES OF TENSORS AFO8R67-2475
A THEOREM ON LINEARITY AFO8R68-2121
ON A THEOREM OF D. NOVOSAD AFO8R67-2851
ON A THEOREM OF MURRAY AND MACKAY AFO8R68-0392
GREENS THEOREM AND INVARIANT TRANSFORMATIONS AFO8R67-1644
FURDYS THEOREM AND INTERFERENCE OF ELECTRODYNAMIC AMPLITUDES AFO8R68-1364
LOW-ENERGY THEOREM FOR PION PHOTOPRODUCTION FROM THE HYPOTHESIS OF PARTIALLY CONSERVED AXIAL-VECTOR CURRENT AFO8R68-0439
A LINDOLF THEOREM AND ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL VARIABLES WITH AN APPLICATION TO THE FEYNMAN AFO8R68-2526
ON TAYLORS THEOREM ARL 68-0200
AN EXISTENCE THEOREM FOR THE VON KARMAN EQUATIONS AFO8R68-2051
DECOMPOSITION THEOREM FOR BOUNDED UNIFORMLY CONTINUOUS FUNCTIONS ON A GROUP AFO8R67-0263
A TRANSLATION THEOREM FOR ANALYTIC FEYNMAN INTEGRALS AFO8R67-2767
LINKED CLUSTER THEOREM AND THE GREENS FUNCTION EQUATIONS OF MOTION FOR A MANY-FERMION SYSTEM AFO8R67-1244
ON A MEAN VALUE THEOREM FOR VECTOR-VALUED FUNCTIONS WITH APPLICATIONS TO UNIQUENESS THEOREMS FOR RIGHT-HAND- AFO8R67-0775
A MAXIMUM-SIGNAL THEOREM FOR THE SPATIALLY COHERENT DETECTION OF SCATTERED RADIATION AFO8R67-1040
THE LOCAL MAXIMUM THEOREM FOR THE COEFFICIENTS OF UNIVALENT FUNCTIONS AFO8R68-0446
AN EXTENSION OF A THEOREM OF L. O. RAIFEARTAGH AFO8R68-1365
RELICHS ENVELOPING THEOREM FOR A SPINY URCHIN AFO8R68-0682
A GENERALIZATION OF THE THEOREM OF RIEZS-THORIN /ITALIAN/ AFO8R68-0061
AN APPROXIMATE MUNKS-SARD THEOREM AFO8R68-1481
EICHLER INTEGRALS AND THE AREA THEOREM OF BERS AFO8R68-2835
A GENERALIZATION OF WEDDERBURNS THEOREM AFO8R67-1242
A SIMPLER PROOF OF SMITHS ROULETTE THEOREM AFO8R68-1832
EQUAL-TIME COMMUTATOR AND ZERO-ENERGY THEOREM IN THE LFE MODEL AFO8R68-1533
ROGULIUBOV-PARASIUK-HEPP RENORMALIZATION THEOREM AND AFO8R67-2835
AN APPROACH TO HEURISTIC PROBLEM SOLVING AND THEOREM PROVING IN THE PROPOSITIONAL CALCULUS AFO8R67-2615
CLUSTER DECOMPOSITION AND THE SPIN-STATISTICS THEOREM IN S-MATRIX THEORY AFO8R68-0689
NUMERICAL TEST OF THE INTEGRAL HELLMANN-FEYNMAN THEOREM AFO8R68-0270
QUANTUM-MECHANICAL EXTENSION OF THE LEHMITZ-PRIMROSE THEOREM ON THE VAN DER WAALS THEORY AFO8R67-0033

THEOREM-PROVING
A SIMPLIFIED FORMAT FOR THE MODEL ELIMINATION THEOREM-PROVING PROCEDURE AFO8R68-0618

THEOREMS
ORDERING THEOREMS AND GENERALIZED PHASE SPACE DISTRIBUTIONS AFO8R68-1766
EXISTENCE THEOREMS FOR MULTIDIMENSIONAL LAGRANGE PROBLEMS AFO8R68-1915
EXISTENCE THEOREMS FOR LAGRANGE AND PONTRYAGIN PROBLEMS OF THE CALCULUS OF VARIATIONS AND OPTIMAL CONTROL MORE AFO8R68-1931
EXISTENCE THEOREMS FOR MULTIDIMENSIONAL PROBLEMS OF OPTIMAL CONTROL AFO8R68-2145
SOME LIMIT THEOREMS FOR A GENERAL MARKOV PROCESS AFO8R67-1271
COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS ON UNBOUNDED DOMAINS AFO8R67-1315
SOME LIMIT THEOREMS FOR ORDINARY DIFFERENTIAL SYSTEMS AFO8R67-1906
UNIQUENESS THEOREMS FOR ANALYTIC FUNCTIONS OF ONE AND OF SEVERAL COMPLEX VARIABLES AFO8R68-0986
LOW-ENERGY THEOREMS DISPERSION RELATIONS AND SUPERCONVERGENCE SUM RULES FOR COMPTON SCATTERING AFO8R68-1261
COMPARISON THEOREMS FOR NONLINEAR ORDINARY BOUNDARY VALUE PROBLEMS ARL 68-1288
INTERPOLATION THEOREMS FOR OPERATORS IN FUNCTION SPACES AFO8R68-1953

THEOREMS

- CONTINUED

SOME EXISTENCE THEOREMS FOR LINEAR OPTIMAL CONTROL PROBLEMS
 REPRESENTATION THEOREMS FOR POSITIVE RATIONAL FUNCTIONS
 NEW PROOFS OF OLD THEOREMS IN LOGIC AND FORMAL LINGUISTICS
 GENERALIZATION OF THEOREMS OF CHERNOFF AND SAVAGE ON THE ASYMPTOTIC NORMALITY OF TEST STATISTICS
 HIGHER-ORDER LOW-FREQUENCY THEOREMS FOR NUCLEON COMPTON SCATTERING
 LOWER BOUNDS AND INEQUALITIES THEOREMS FOR SOLUTIONS OF DIFFERENTIAL EQUATIONS IN A HILBERT SPACE
 SMALL SIGNAL POWER AND MOMENTUM THEOREMS FOR A MAGNETOELASTIC FERROMAGNET
 ANALYTIC CONTINUATION AND GLOBAL THEOREMS IN GENERAL RELATIVITY
 PHENOMENON LINEAR AND COMPARISON THEOREMS FOR ELLIPTIC-PARABOLIC DIFFERENTIAL EQUATIONS
 PHENOMENON LINEAR AND COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS WITH MIXED BOUNDARY CONDITIONS
 USE OF HILLMANN-PENMAN AND HYPERVIRIAL THEOREMS TO OBTAIN ANHARMONIC VIBRATION-ROTATION EXPECTATION VALUES AND THEIR
 SOME COMMENTS ON EXISTENCE AND UNIQUENESS THEOREMS IN APPLIED MATHEMATICS WITH AN APPLICATION TO THEM
 ON A MEAN VALUE THEOREM FOR VECTOR-VALUED FUNCTIONS WITH APPLICATIONS TO UNIQUENESS THEOREMS FOR RIGHT-HAND-
 BIPOLAR EXPANSION OF SCREENED COULOMB POTENTIALS HELMHOLTZ SOLID HARMONICS AND THEIR ADDITION THEOREMS

AFOSR67-2426
 AFOSR68-2899
 AFOSR67-2817
 AFOSR68-1276
 AFOSR68-1802
 AFOSR67-2847
 AFCL67-0864
 AFOSR67-0147
 AFOSR67-2323
 AFOSR68-0283
 AFOSR67-0269
 AFOSR68-1874
 AFOSR67-0778
 AFOSR67-1243

THEORETIC

GRAPH THEORETIC ERROR-CORRECTING CODES
 MESON THEORETIC N-N INTERACTIONS FOR NUCLEAR PHYSICS
 A NOTE ON A GRAPH THEORETIC GAMP OF HAKIMIS
 CODING OF GRAPH THEORETIC CODES
 CURRENT ALGEBRAS IN A PERTURBATION THEORETIC MODEL
 INTERACTION IN MULTIDIMENSIONAL CONTINGENCY TABLES AN INFORMATION THEORETIC APPROACH

AFOSR67-2220
 AFOSR67-2844
 AFOSR68-0071
 AFOSR68-0851
 AFOSR67-1349
 AFOSR68-2793

THEORETICAL

THEORETICAL STUDY OF THE PROPAGATION OF INFRASONIC WAVES IN THE ATMOSPHERE FINAL REPORT FEB 1967
 THEORETICAL AND EXPERIMENTAL STUDIES OF INFRARED EMISSION DURING THE LAUNCH PHASE /U/ FINAL REPORT DEC 1966
 THEORETICAL STUDY OF DIPOLE ARRAY OF N PARALLEL ELEMENTS
 THEORETICAL ANALYSIS OF A SECONDARY EMISSION EXPERIMENT ON INSULATORS
 THEORETICAL STUDY OF THE INTERACTION OF RADIATION AND MATTER IN GASEOUS AND SOLID LASERS FINAL REPORT FEB 1968
 THEORETICAL AND EXPERIMENTAL INVESTIGATION OF FOCAL PLANE ADAPTIVE ANTENNA TECHNIQUES FINAL REPORT APR 1968
 THEORETICAL AND EXPERIMENTAL STUDIES OF MECHANICAL PROPERTIES OF ROCK FINAL REPORT MAY 1968
 THEORETICAL STUDIES ON INELASTIC COLLISIONS OF ELECTRONS WITH ATOMS AND MOLECULES FINAL REPORT MAY 1968
 THEORETICAL AND EXPERIMENTAL STUDIES IN CHEMICAL PHYSICS FINAL REPORT NOV 1968
 THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS II THE TRIPLET STATES OF THE PARACYCLOPHANES
 THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS III THE ABSORPTION AND EMISSION SPECTRA OF A MULTILAYERED
 THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS IV THE ELECTRONIC STATES OF THE PARACYCLOPHANE ANION
 THEORETICAL ANALYSIS OF A COAXIAL HALL ACCELERATOR
 THEORETICAL NUCLEAR ASTROPHYSICS FINAL REPORT OCT 1967
 THEORETICAL RESEARCH IN ASTROPHYSICS FINAL REPORT OCT 1967
 THEORETICAL DISCUSSIONS CONCERNING DEGENERACY
 THEORETICAL FRAMEWORKS FOR PATTERN RECOGNITION PROBLEMS FINAL REPORT JUNE 1967
 THEORETICAL STUDY OF THE RESPONSE OF A LARGE SYSTEM TO A TIME-DEPENDENT FIELD OF ARBITRARY STRENGTH FINAL REPORT FEB
 THEORETICAL WORK IN QUANTUM FIELD THEORY AND ELEMENTARY PARTICLES FINAL REPORT JAN 1968
 THEORETICAL EFFECT OF NONEQUILIBRIUM COMBUSTION ON HYDRAZINE/NITROGEN TETROXIDE PROPELLANT PERFORMANCE
 THEORETICAL STUDIES IN ELEMENTARY PARTICLES NUCLEAR & LOW TEMPERATURE PHYSICS
 THEORETICAL SEISMOGRAMS OF TORSIONAL DISTURBANCES EXCITED AT A FOCUS WITHIN A HETEROGENEOUS SPHERICAL EARTH - CASE OF
 THEORETICAL STUDY OF SOME DYNAMICAL PROPERTIES OF PERFECT AND IMPERFECT CRYSTALS FINAL REPORT APRIL 1968
 THEORETICAL RESEARCH IN KINETIC THEORY AND RAREFIED GAS DYNAMICS
 THEORETICAL AND EXPERIMENTAL STUDIES OF SHOCK WAVE-LAMINAR BOUNDARY LAYER INTERACTION IN THE STRONG INTERACTION REGIME
 THEORETICAL CONSTITUTION OF SILICON CARBIDE
 THEORETICAL CONSTITUTION OF CRYSTALLINE SOLIDS
 THEORETICAL AND EXPERIMENTAL STUDIES AT HIGH MASS FLOW RATES IN HIGH PRESSURE CONSTRICTED ARCS
 A THEORETICAL STUDY OF TROPOSPHERIC RADIOWAVE PROPAGATION FINAL REPORT JAN 1967
 A THEORETICAL AND EXPERIMENTAL RESEARCH PROGRAM IN ELECTRO-MAGNETIC FIELDS WITH EMPHASIS ON TEMPORAL AND SPATIAL
 A THEORETICAL TECHNIQUE FOR EVALUATING THE TIME DEPENDENT EFFECTS OF GENERAL ELECTRODYNAMIC DRIFTS IN THE F2-LAYER OF
 A THEORETICAL STUDY OF A CYLINDRICAL ANTENNA WITH A HEMISPHERICAL CAP
 A THEORETICAL STUDY OF LASER OSCILLATION FINAL REPORT JAN 1968
 A THEORETICAL ANALYSIS OF EXTENSIVE AIR SHOWERS I NEAR- VERTICAL SHOWERS AT SEA LEVEL
 THE THEORETICAL INVESTIGATIONS OF THE BLOCK DESIGNS FINAL REPORT NOV 1968
 GROUP THEORETICAL RELATIONSHIPS BETWEEN RAYON-RAYON SCATTERING CROSS-SECTIONS
 A GROUP THEORETICAL DERIVATION OF MAXWELL EQUATIONS
 A LATTICE THEORETICAL ANALOGUE OF THE SCHUR LEMMA
 RESEARCH IN THEORETICAL AND MODEL SEISMOLOGY FINAL REPORT NOV 1967
 RESEARCH IN THEORETICAL SOLID STATE PHYSICS FINAL REPORT OCT 1967
 RESEARCH ON THEORETICAL HIGH ENERGY PHYSICS AND QUANTUM THEORY OF MANY PARTICLE SYSTEMS FINAL REPORT DEC 1967
 EXPERIMENTAL AND THEORETICAL STUDY OF LATTICE DYNAMICS FINAL REPORT SEPT 1967
 EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE PLASTIC CONSTANTS OF SOME IONIC CRYSTALS
 EXPERIMENTAL AND THEORETICAL DETERMINATION OF THE PLASTIC CONSTANTS OF SODIUM CHLORIDE
 EXPERIMENTAL AND THEORETICAL RESEARCH IN GRAVITATION PHYSICS FINAL REPORT JAN 1968
 EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE STABILITY OF AIR FLOW OVER A WATER SURFACE
 AN EXPERIMENTAL AND THEORETICAL STUDY OF WAVE MIXING IN A BOUNDED MAGNETOPLASMA
 AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE TURBULENT FAR WAKE
 RE-EXAMINATION OF THE THEORETICAL INTERPRETATIONS OF THE SPECTRA OF CRYSTALLINE BENZENE AND NAPHTHALENE
 INDIVIDUAL DIFFERENCES AND THEORETICAL PROCESS VARIABLES GENERAL COMMENTS ON THE CONFERENCE
 RESEARCH IN EXPERIMENTAL AND THEORETICAL LOW-ENERGY NUCLEAR PHYSICS FINAL REPORT JAN 1967
 COMMENTS ON THE EXPERIMENTAL AND THEORETICAL STUDY OF TRANSPORT PHENOMENA IN SIMPLE LIQUIDS
 WIND MEASUREMENT BY DUAL-BEAM RADAR A THEORETICAL AND EXPERIMENTAL EVALUATION
 EXPERIMENTAL FREE-INDUCTION DECAY SHAPES AND THEORETICAL SECOND MOMENTS FOR HYDROGEN IN HEXAGONAL ICE
 CHOICE REFRACTION TIME AN ANALYSIS OF THE MAJOR THEORETICAL POSITIONS
 STUDY OF STABILITY OF HYDROMAGNETIC PLASMAS AND THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE BEHAVIOR OF IONIZED
 ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE THEORETICAL STUDY FOR NORMAL INCIDENCE
 ON THE BEHAVIOUR OF A MOLECULAR BEAM SCATTERED BY A SOLID SURFACE ADDITIONAL THEORETICAL STUDY FOR NORMAL INCIDENCE

AFCL67-0172
 AFCL67-0173
 AFCL67-0404
 AFCL67-0489
 AFCL68-0108
 AFCL68-0249
 AFCL68-0261
 AFCL68-0299
 AFOSR67-0041
 AFOSR67-0093
 AFOSR67-0276
 AFOSR67-0644
 AFOSR67-2073
 AFOSR67-2499
 AFOSR67-2614
 AFOSR67-2709
 AFOSR68-0437
 AFOSR68-0866
 AFOSR68-1131
 AFOSR68-1290
 AFOSR68-1426
 AFOSR68-1429
 AFOSR68-1545
 AFOSR68-2493
 ARL 67-0112
 ARL 68-1403
 ARL 68-1422
 ARL 68-1490
 AFCL67-0112
 AFCL68-0103
 AFCL68-0172
 AFCL68-0347
 AFCL68-0361
 AFOSR67-0261
 AFOSR68-2606
 AFOSR68-0746
 AFOSR68-1074
 AFOSR68-1221
 AFCL67-0601
 AFOSR67-2504
 AFOSR68-0910
 AFCL67-0589
 AFOSR67-1449
 AFOSR67-1833
 AFOSR68-0252
 AFOSR68-2821
 AFCL68-0437
 ARL 67-0104
 AFOSR68-2483
 AFOSR67-1810
 AFOSR67-0808
 AFOSR68-2000
 AFCL67-0535
 AFOSR67-2649
 AFOSR67-1804
 AFCL67-0675
 AFOSR68-1734
 AFOSR68-1746

THEORETICALLY

EXPERIMENTAL DETERMINATION OF THE ELECTRON DENSITIES IN SOME OF THE II-VI COMPOUNDS WITH THE THEORETICALLY CALCULATED ARL 68-1354

THEORIES

STRAIN-GRADIENT THEORIES OF MICROSTRUCTURE
 EQUIVALENT FIELD THEORIES AND BOUND STATES
 SMALL PERTURBATION THEORIES FOR SINGLY REACTING MIXTURES
 STATISTICAL MECHANICAL THEORIES OF LIQUID TRANSPORT
 CLASSICAL AND QUANTUM RATE THEORIES FOR SOLIDS
 SYMMETRY BREAKING IN NON-ABELIAN GAUGE THEORIES
 RELATION BETWEEN LIPPMANN-SCHWINGER AND BLOCH SCATTERING THEORIES
 TOWNS AT SETS OF COMPOSITE PARTICLES AND TROUBLE WITH INFINITE-COMPONENT FIELD THEORIES
 COMPREHENSIVE FORMALISM FOR NUCLEAR REACTION PROBLEMS I DERIVATION OF EXISTING REACTION THEORIES

AFOSR68-0109
 AFOSR68-1831
 AFOSR68-1397
 AFOSR68-2723
 AFOSR68-1871
 AFOSR67-1750
 AFOSR68-0899
 AFOSR67-2204
 AFOSR67-0449

THERMAL

THERMAL RADIATION OF HIGH TEMPERATURE COMBUSTION PRODUCTS FINAL REPORT JAN 1967
 THERMAL MUTARRATION IN POLYCRYSTALLINE D-GLUCOSE
 THERMAL STRESS AND THE ELECTROCARDIOGRAM A TECHNICAL STUDY

AFOSR67-0951
 AFOSR67-1850
 AFOSR67-2273

- CONTINUED

AFOSM67-2486
AFOSM67-2515
AFOSM68-0201
AFOSM68-0241
AFOSM68-08137
AFOSM68-10809
AFOSM68-19959
AFOSM68-23231
AFOSM68-2351
AFOSM68-24949
AFOSM68-25493
AFOSM68-2737
ADL 67-00939
ADL 67-07861
ARL 67-1012
ADL 68-01079
ADL 68-02533
ADL 68-11101
ADL 68-12181
ADL 68-14094
ADL 68-14626
AFOSM67-0738
AFOSM68-01236
AFOSM68-1356
AFOSM68-1911
AFOSM68-2297
AFOSM68-2477
ADL 68-1352
AFOSM67-0104
AFOSM67-2692
AFOSM68-2631
ADL 68-01727
AFOSM67-2384
AFOSM67-1284
AFOSM68-0015
ADL 68-0235
OPR 68-0139
ADL 67-0127
ADL 68-0191
AFOSM68-1814
AFOSM68-2024
AFOSM68-2817
AFOSM67-2761
ADL 67-0200
AFOSM67-1121
AFOSM67-1271
AFOSM68-1554
AFOSM67-0571
ADL 68-1421
AFOSM67-0821
AFOSM68-1511
AFOSM68-0577
AFOSM68-1411
AFOSM68-2471
AFOSM68-3016
AFOSM68-0311
ADL 67-1474
AFOSM67-1949
AFOSM67-1907
ADL 67-1020
AFOSM67-2069
AFOSM68-1290
AFOSM68-2834
AFOSM67-2875
AFOSM67-3104
ADL 67-1257
ADL 67-1727
AFOSM68-1704
AFOSM68-1704
AFOSM68-1704

THE DAILY

THERMALLY DRIVEN NOSSHY-MOND DYNAMO FOR SOLAR MAGNETIC-FIELD REVERSALS
THERMALLY DRIVEN NOSSHY-MOND HYDROMAGNETIC DYNAMOS
STUDIES OF THERMALLY ACTIVATED COUPLED-CURRENT PROCESSES FINAL REPORT NOV 1967

THEFT OF 10410

STUDY OF THERMIONIC CONVERTED ELECTRODE SURFACES USING THE ELECTRON MICROSCOPE
STUDIES OF THERMIONIC ENERGY CONVERSION FINAL REPORT APR 1969
THE USE OF OUTSIDE SCHEMATIC DATA IN THE ANALYSIS OF THE METAL-VACUUM SURFACE BARRIER FOR THERMIONIC EMITTERS I

THE ECONOMIC RECORD

A THERMOANALYTICAL STUDY OF SEVERAL COBALT (II) CHLORIDE-AMINE ONIUM CHLORIDE SYSTEMS

THE MECHANISM

A SCIENTIFIC INVESTIGATION OF OXYGEN AND HYDROGEN PEROXIDISM FINAL REPORT APR 1967

$$\begin{aligned} \Delta^2 &= \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \quad \Delta^3 = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \\ \Delta^4 &= \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \quad \Delta^5 = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \\ \Delta^6 &= \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \quad \Delta^7 = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \end{aligned}$$

| | |
|--------------------------|-----------|
| △ ² = 0, 0, 0 | 2 3 |
| △ ² = 0, 0, 0 | 1 2 0 |
| △ = (0, 0, 0) | 2 3 4 |

45 - 2 - 1

A **B** **C**

FINAL THERMOELECTRICITY AND PROPERTIES OF DIELECTRICS FINAL REPORT JULY 1966

AFOSR66-2706

THE NEW GROUND

FINAL THERMOELECTRICITY IN DIELECTRIC SOLIDS

AFOSR67-1133

THERMODYNAMIC

THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE
THERMODYNAMIC STUDY OF SYNTHESIS OF NEW COMPOUND PHASES UNDER HIGH PRESSURE FINAL REPORT FEB 1966
THERMODYNAMIC ANALYSIS OF VAPOR-LIQUID AND VAPOR-SOLID EQUILIBRIA DATA TO OBTAIN INTERACTION SECOND VIRIAL
THERMODYNAMIC PROPERTIES OF ORGANIC DERIVATIVES OF THE LIGHTER ELEMENTS
THERMODYNAMIC PROPERTIES OF THE TEST GAS IN A BALLISTIC COMPRESSION
THERMODYNAMIC PROPERTIES OF BINARY MIXTURES OF N-ALKANES
THERMODYNAMIC PROPERTIES OF DECAHYDRO DECAZORANE DIAMINE AND DODECAHYDRO DODECABORANE DIAMINE
THERMODYNAMIC PROPERTIES OF POLY (P 6-DIMETHYL-1 6-PHENYLENE
THERMODYNAMIC PROPERTIES AND PHASE EQUILIBRIA IN THE B-HO-O SYSTEM
ON THERMODYNAMIC CONDITIONS FOR THE STABILITY OF EVOLVING SYSTEMS
SOME THERMODYNAMIC PROPERTIES OF A SPIN-INFINITE HEISPPHENS PPHOMAS
LOCAL THERMODYNAMIC EQUILIBRIUM MODEL ATMOSPHERE WITH LINE BLANKETING REVIEW AND FUTURE PROSPECTS
ANALYSIS OF THERMODYNAMIC PROPERTIES OF LIQUID MIXTURES OF ARGON AND KRYPTON
EQUILIBRIUM THERMODYNAMIC DATA FOR THE H₂—H₂—H₂ SYSTEM
EVIDENCE FOR THERMODYNAMIC FLUCTUATIONS IN A SUPERCONDUCTOR
THE RELATIVE THERMODYNAMIC PROPERTIES OF CORAL-PALLADIUM SOLID SOLUTIONS
THE RESOLUTION OF THE THERMODYNAMIC PARADOX AND THE THEORY OF GUIDED WAVE PROPAGATION IN ANISOTROPIC MEDIA
PRELIMINARY REPORT ON THE THERMODYNAMIC PROPERTIES OF SELECTED LIGHT-ELEMENT AND SOME RELATED COMPOUNDS
ELECTROCHEMICAL STUDY OF THE THERMODYNAMIC PROPERTIES OF NON-STOICHIOMETRIC RUTILE
ELECTROCHEMICAL STUDY OF THE THERMODYNAMIC PROPERTIES OF NON-STOICHIOMETRIC RUTILE
NANOSPECTROMETRIC STUDY OF THE THERMODYNAMIC PROPERTIES OF Zr-F SPECIES
ON THE STATISTICAL INTERPRETATION OF THERMODYNAMIC ENTROPY IN A STRONGLY COUPLED GAS
CALCULATION OF PHONON FREQUENCIES AND THERMODYNAMIC PROPERTIES OF CRYSTALLINE BCC HELIUM
DETERMINATION OF DEPARTURES FROM LOCAL THERMODYNAMIC EQUILIBRIUM IN ARC PLASMAS FINAL REPORT MARCH 1967
EFFECT OF RESONANCE SCATTERING AND IMPURITY CORRELATIONS ON THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF SUPER
RELATIVE ENTHALPY OF BERYLLIUM 1 3-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150 DEGREES
RELATIVE ENTHALPY OF AFRYLLIUM 1 1-ALUMINATE FROM 273 TO 1173 DEGREES THERMODYNAMIC PROPERTIES FROM 273 TO 2150

AFOSR67-0200
AFOSR66-0100
AFOSR67-1206
AFOSR67-1707
AFOSR66-0100
AFOSR66-0717
AFOSR66-1720
AFOSR66-2515
ARL 66-1163
AFOSR66-1601
AFOSR66-0034
AFOSR67-0319
AFOSR66-1153
ARL 66-0200
AFOSR67-0707
ARL 66-1174
AFOSR66-1193
AFOSR67-0001
ARL 67-1143
ARL 66-1148
AFOSR67-0000
AFOSR67-1363
AFOSR66-0167
ARL 67-0048
AFOSR66-0424
AFOSR67-2016
AFOSR67-2015

THERMODYNAMICAL

RELATIVISTIC TRANSFORMATION LAWS FOR THERMODYNAMICAL VARIABLES WITH APPLICATION TO THE CLASSICAL ELECTRON THEORY

AFOSR67-0102

THERMODYNAMICS

THERMODYNAMICS AND WAVE PROPAGATION
THERMODYNAMICS AND THE STABILITY OF FLUID MOTION
THERMODYNAMICS WITH INTERNAL STATE VARIABLES
THERMODYNAMICS AND WAVE PROPAGATION IN NON-LINEAR MATERIALS WITH MEMORY
THERMODYNAMICS OF CRITICAL POINTS
THERMODYNAMICS OF MIXING OF N-ALKANES WITH POLYISOBUTYLENE
THERMODYNAMICS OF MIXING POLYMETHYLENE AND POLYISOBUTYLENE
THERMODYNAMICS OF POLYMER SOLUTIONS PART 1 NATURAL RUBBER AND BENZENE
THERMODYNAMICS OF POLYMER SOLUTIONS PART 2 -- POLYISOBUTYLENE CYCLOHEXANE
THERMODYNAMICS OF POLYMER SOLUTIONS PART 3 -- POLYISOBUTYLENE N-PENTANE
THERMODYNAMICS OF THE TUNGSTEN-OXYGEN SYSTEM
MOLECULAR THERMODYNAMICS OF SIMPLE LIQUIDS
SOME TRANSFORMATIONS OF THE ONSAGER RELATIONS OF NONEQUILIBRIUM THERMODYNAMICS

AFOSR67-0045
AFOSR67-2297
AFOSR67-2429
AFOSR66-1753
AFOSR66-1700
AFOSR66-1806
AFOSR66-1806
AFOSR66-2393
AFOSR66-2395
AFOSR66-2396
ARL 66-0057
AFOSR66-1318
AFOSR67-1038

THERMOELASTIC

A NOTE ON THE THERMOELASTIC PROBLEM FOR A PENNY-SHAPED CRACK

AFOSR66-1067

THERMOELASTICITY

A METHOD FOR THE SOLUTION OF STOCHASTIC PROBLEMS IN LINEAR THERMOELASTICITY AND HEAT CONDUCTION

AFOSR67-0290

THERMOELECTRIC

THERMOELECTRIC POWER OF GERMANIUM EFFECT OF 2000-ATM PRESSURE
THERMOELECTRIC POWER AND ELECTRICAL CONDUCTIVITY OF H₂O₂

AFOSR67-1107
ARL 67-1249

THERMOELECTRICITY

A BRIEF LOOK AT THERMOELECTRICITY

ARL 67-1250

THERMOGRAVIMETRIC

THERMOGRAVIMETRIC STUDIES OF METAL 8-DIKETONATES
THERMOGRAVIMETRIC DETERMINATION OF THE COMPOSITION-OXYGEN PARTIAL PRESSURE DIAGRAM OF MUSTITE /FE SUB 1VO/
THERMOGRAVIMETRIC ANALYSES AND VAPOR PHASE SEPARATIONS OF VOLATILE METAL COMPLEXES

ARL 67-0214
ARL 68-0105
ARL 68-1050

THERMOLUMINESCENCE

THERMOLUMINESCENCE IN YTTRIA
THERMOLUMINESCENCE AND OTHER PHOTOELECTRONIC PROCESSES
APPARATUS FOR THERMOLUMINESCENCE MEASUREMENTS
APPARATUS FOR THERMOLUMINESCENCE MEASUREMENTS
A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENCE OR CONDUCTIVITY GLOW CURVES
F AND M TRAPS IN ALKALI HALIDES STUDIED BY MEANS OF PHOTOSTIMULATED THERMOLUMINESCENCE

ARL 67-1337
ARL 67-1363
ARL 68-1187
ARL 68-1379
ARL 68-1173
AFOSR67-1342

THERMOLUMINESCENT

ELECTRON SPIN RESONANCE AND THERMOLUMINESCENT EMISSION
A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENT OR CONDUCTIVITY /GLOW CURVES/

ARL 67-1181
ARL 68-1017

THERMOMAGNETIC

APPLICATION OF A TEMPERATURE-OSCILLATION METHOD TO THERMOMAGNETIC STUDIES OF MAGNETIC PHENOMENA AT LOW TEMPERATURES

AFOSR66-1014

THERMOMECHANICS

PLASMA ARC TECHNOLOGY AT THE THERMOMECHANICS RESEARCH LABORATORY

ARL 67-1257

THERMOMETERS

RADIATION BALANCE IN ROCKETSONDE THERMOMETERS FINAL REPORT FEB 1966
THERMAL TIME CONSTANTS OF GERMANIUM THERMOMETERS AT LIQUID HELIUM TEMPERATURES
CALIBRATION OF THIN FILM RESISTANCE THERMOMETERS FOR HEAT FLUX MEASUREMENTS IN THE SHOCK TUBE

AFOSR66-0010
AFOSR66-0201
ARL 67-0030

THE THERMONUCLEAR

THE PROGRESS OF DETECTION WAVE STRUCTURE
INTERNATIONAL DEVELOPMENTS IN CONTROLLED THERMONUCLEAR FUSION

AFOSR66-1683
AFOSR67-0021

THE THERMOSPHERE

THE THERMOSPHERE OF ALUMINUM WITH TRANSITION METAL IMPURITIES

AFOSR66-0054

THE THERMOSPHERE

NEW MODEL ATMOSPHERES GIVING LATITUDINAL AND SEASONAL VARIATIONS IN THE THERMOSPHERE
VARIATIONS WITH SEASON AND LATITUDE OF DENSITY TEMPERATURE AND COMPOSITION IN THE LOWER THERMOSPHERE

AFCL67-0330
AFCL67-0161

THERMOSTATIC

SIMPLE QUAD REGULATOR FOR ON-OFF THERMOSTATIC CONTROL

ARL 67-0100

THERMOTICAL

JOINT EXPERIMENTAL & THERMOTICAL INVESTIGATIONS IN PLASMA PHYSICS FINAL REPORT JULY 1967

AFOSR66-0121

THESPS

MASTERS THESIS IN THE PURE AND APPLIED SCIENCES 1963 VOLUME VIII FINAL REPORT AUG 1966
MASTERS THESIS IN THE PURE AND APPLIED SCIENCES 1964 VOLUME VII FINAL REPORT AUG 1966
MASTERS THESIS IN THE PURE AND APPLIED SCIENCES 1961 VOLUME VI FINAL REPORT AUG 1966
A KEYWORD AND AUTHOR INDEX FOR THE MASTERS THESIS IN THE PURE AND APPLIED SCIENCES ACCEPTED BY U S COLLEGES AND

AFOSR67-0302
AFOSR67-0383
AFOSR67-0364
AFOSR67-0421

THETA

THE VANISHING OF A THETA CONSTANT IS A PECULIAR PHENOMENON
FUNCTIONAL INDEPENDENCE OF THETA CONSTANTS
COMPARISON OF NUMERICAL CALCULATIONS AND MEASURED SPACE-TIME RESOLVED PLASMA PROPERTIES OF A DYNAMICAL THETA PINCH

AFOSR67-2387
AFOSR66-2259
AFOSR67-0019

THETA-RICH

SPACE-TIME RESOLVED MACH-ZEHNDER INTERFEROMETER MEASUREMENTS OF CROSSSECTIONAL ELECTRON DISTRIBUTION IN THETA-RICH

AFOSR66-0876

THETA-PINCH

SOME EFFICIENCY MEASUREMENTS OF THE THETA-PINCH

AFOSR67-0482

THIANTHRENE

CONFORMATIONAL FLEXIBILITY OF THIANTHRENE AND ITS OXIDES
COMPLETE PROTON AND NATURALLY OCCURRING SULFUR ISOTOPE SUPER 335 HYPERFINE SPLITTINGS IN THE THIANTHRENE CATION

AFOSR67-2416
AFOSR66-1312

THIANTHRENIUM

THIANTHRENIUM TRICHLORODIODE

AFOSR66-2777

THICKNESS

THICKNESS OF A SHOCK WAVE IN HYDROGEN
DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE USE IN ENERGY CONVERSION WITH SOFT AND HARD X-RAY
A NOTE ON THE CREEP OF VARIABLE THICKNESS CIRCULAR PLATES
ANALYSIS OF THE LEONARD AND RAMSEY METHOD OF DETERMINING THE THICKNESS OF THIN METALLIC FILMS
INCOHERENT BACKSCATTER STUDY OF ELECTRON CONTENT AND EQUIVALENT SLAB THICKNESS
DISPERSIVE AND NONDISPERSIVE X-RAY FLUORESCENCE METHODS FOR THE DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE AND ARL 66-1051

AFOSR66-0224
ARL 67-1243
AFOSR66-1602
AFOSR66-1773
AFOSR66-0936
AFOSR66-1125

THICKNESSES

EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE SUPERSONIC COMPRESSOR ROTORS OF DIFFERENT BLADE THICKNESSES AND A STUDY OF X-RAY FLUORESCENCE METHOD WITH VACUUM AND AIR- PATH SPECTROGRAPHS FOR THE DETERMINATION OF FILM THICKNESSES

ARL 66-1228
ARL 66-0001

THIN

THIN FILM MAGNETIZATION ANALYSIS
THIN ELASTIC PLATES AND SHELLS AND BOUNDARY VALUE PROBLEMS FINAL REPORT FEB 1968
THIN RODS AND SHELLS VIEWED AS COSSERAT CONTINUA
THIN FILM CADMIUM SULFIDE SOLAR CELLS
THE THIN LAYER APPROXIMATION IN HYPERSONIC VISCOUS FLOW THEORY FINAL REPORT MARCH 1968
MULTILAYER THIN FILM PIEZOELECTRIC TRANSDUCERS
PIEZOELECTRIC THIN FILM TRANSDUCERS FINAL REPORT OCT 1967
PERFORMANCE OF THIN FILM HUMIDITY SENSORS
CALIBRATION OF THIN FILM RESISTANCE THERMOMETERS FOR HEAT FLUX MEASUREMENTS IN THE SHOCK TUBE
PREPARATION OF THIN SECTIONS BY ION REIMBARDMENT FOR TRANSMISSION ELECTRON MICROSCOPY
PREPARATION OF THIN SECTION FOR TRANSMISSION ELECTRON MICROSCOPY
THE RESPONSE OF A THIN ELASTIC PLATE TO A MOVING PRESSURE POINT
THE RESPONSE OF A THIN ELASTIC ROD TO COMBINED THERMAL AND MECHANICAL IMPULSE
WAVE PROPAGATION IN THIN RODS WITH QUIESCENT TEMPERATURE GRADIENTS
THE CADMIUM SULFIDE THIN FILM SOLAR CELL
IMPROVEMENTS IN COS THIN FILM SOLAR CELLS
THE CADMIUM SULFIDE THIN FILM SOLAR CELL
PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS FINAL REPORT JAN 1967
MECHANICAL BEHAVIOR OF THIN METAL FILMS
AN OPTICALLY TRANSPARENT THIN LAYER ELECTROCHEMICAL CELL
ON THE RESPONSE OF SHALLOW THIN SHELLS TO RANDOM EXCITATIONS
CHEMICAL VAPOR DEPOSITION OF THIN FILM DIELECTRICS
PHOTON-PHONON INTERACTION IN THIN FILMS
PHOTON-PHONON INTERACTION IN THIN FILMS
FABRICATION OF VAPOR-DEPOSITED THIN FILM PIEZOELECTRIC TRANSDUCERS FOR THE STUDY OF PHONON BEHAVIOR IN DIELECTRIC
FABRICATION OF CADMIUM SULFIDE THIN FILM SOLAR CELLS FOR SPACE VEHICLE TESTING FINAL REPORT DEC 1967
STUDIES OF ELECTRON SCATTERING IN THIN FILMS FINAL REPORT MAY 1967
HIGH-FIELD ELECTRONIC PHENOMENA IN THIN FILMS
MAGNETIC ANISOTROPY IN FERROMAGNETIC THIN FILMS
UNSTEADY MAGNETOHYDRODYNAMIC FLOW PAST THIN BODIES WITH INWARDLY DIFFUSING MAGNETIC FIELD
DETERMINATION OF STICKNESS AND COMPOSITION OF THIN FILMS BY THE METHOD OF X-RAY FLUORESCENCE
RELATIVE QUANTUM YIELD FOR PHOTOEMISSION FROM THIN FILMS OF RENDON AND KRYPTON
ON VON KARMAN EQUATIONS AND THE BUCKLING OF A THIN ELASTIC PLATE
TEMPERATURE DEPENDENCE OF ELECTRON SCATTERING IN THIN SINGLE CRYSTAL FILMS OF GALLIUM AT HELIUM TEMPERATURES
AN EXPERIMENTAL STUDY ON THE AEROELASTIC STABILITY OF THIN CYLINDRICAL SHELLS AT THE LOWER SUPERSONIC MACH NUMBERS
INVESTIGATION OF GRAIN BOUNDARY ENERGETICS IN ERBIUM OXIDE THIN FILMS BY TRANSMISSION ELECTRON MICROSCOPY
STRESS PROPAGATION AND SPALLATION CONE KINETICS IN PENETRATED THIN PLATES
PHYSICAL CHARACTERIZATION OF ELECTRONIC MATERIALS DEVICES AND THIN FILMS
HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS
HYPERSONIC NUCLEATION AND ITS INFLUENCE ON THE STRUCTURE OF THIN FILMS /GERMAN/

AFOSR66-0713
AFOSR66-1602
ARL 67-1293
AFOSR66-0782
AFCL67-0019
AFCL67-0610
AFCL67-0543
ARL 67-0036
ARL 67-0249
ARL 67-1150
AFOSR67-1334
AFOSR66-1234
AFOSR67-1022
ARL 67-1319
ARL 66-0217
ARL 66-1412
AFCL67-0081
AFOSR66-1490
AFOSR66-0209
AFOSR67-2511
AFOSR66-1796
ARL 66-0016
ARL 66-0281
AFCL67-0627
ARL 67-0282
ARL 67-0072
AFOSR66-0156
AFOSR66-0460
ARL 66-1430
AFOSR66-1742
AFOSR66-2040
AFOSR67-1492
ARL 67-0005
AFOSR66-2402
AFATL67-0167
AFCL66-0091
ARL 66-1108
AFOSR67-0506

THIN

- CONTINUED

| | |
|--|--|
| ANALYSIS OF THE LEONARD AND RABY METHOD OF DETERMINING THE THICKNESS OF THIN METALLIC FILMS -
CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL SHELLS OF
CALCULATION AND USE OF AN ELECTRON MICROSCOPE FOR PRECISION MICROMEASUREMENTS IN THIN FILM MATERIALS
SOME COMMENTS ON EXISTENCE AND UNIQUENESS THEOREMS IN APPLIED MATHEMATICS WITH AN APPLICATION TO THIN | AF 35000-0030
AF 05000-0071
AF 05000-1000
AF 05000-1070 |
| THIN-FILM | |
| THIN-FILM DIELECTRIC TRANSDUCERS USED AS GENERATORS AND DETECTORS OF MICROWAVE PHONONS WITH SOME ATTENUATION
THIN-FILM MEMORY DEVICES
INVESTIGATION OF THIN-FILM OPTICAL TRANSMISSION LINES FINAL REPORT FEB 1968
COMPARISON OF OPT-ELECTRONIC DEVICES BY A THIN-FILM TRANSMISSION LINE
ON AN ADAPTIVE FILM UTILIZING FERROMAGNETIC THIN-FILM WEIGHTS
FIELD- AND PHOTON-ENHANCED FIELD EMISSION FROM THIN-FILM FIELD-EMISSION DEVICES
THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH EFFICIENCY COS THIN-FILM SOLAR CELLS
RESEARCH ON THE MECHANISM OF THE PHOTOVOLTAIC EFFECT IN HIGH-EFFICIENCY COS THIN-FILM SOLAR CELLS
BEHAVIOR OF COHERENT MICROWAVE PHONONS AT LOW ALUMINUM/SUB TEMPERATURES IN USING VAPOR-DEPOSITED THIN-FILM | AF 05000-0070
AF 05000-0071
AF 05000-0080
AF 05000-0081
AF 05000-0082
AF 05000-0083
AF 05000-0090
AF 05000-0091
AF 05000-0092
AF 05000-0093 |
| THIN-LAYER | |
| TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY KINETICS OF SECOND-ORDER DISPROPORTIONATION OF URANIUM V BY DECAY OF
ELECTROCHEMISTRY USING THIN-LAYER CELLS
DIAGNOSTIC CRITERIA FOR THE STUDY OF CHEMICAL AND PHYSICAL PROCESSES BY TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY | AF 05000-0502
AF 05000-2121
AF 05000-0503 |
| THINWALLED | |
| EXPERIMENTAL OBSERVATIONS ON THE NONLINEAR FLEXURAL VIBRATIONS OF THINWALLED CIRCULAR CYLINDERS | AF 05000-0510 |
| THIOCYANATE | |
| CHROMOCHROMETRIC MEASUREMENT OF IODINE/II/ ADSORPTION FROM THIOCYANATE MEDIUM | AF 05000-0729 |
| THIOISULFINATES | |
| MECHANISMS OF REACTIONS OF THIOISULFINATES /SULFONIC ANHYDRIDES/ I THE THIOISULFINATE-SULFONIC ACID REACTION | AF 05000-2010 |
| THIOISULFONATE | |
| ION RADICALS IN THE REACTIONS OF DIARYL SULFIDES AND SULFOXIDES BENZENE THIOISULFONATE AND BENZENESULFONIC ACID IN | AF 05000-1030 |
| THIONYL | |
| A NEW REACTION OF THIONYL CHLORIDE WITH A CARBOXYLIC ACID IN THE PRESENCE OF A TERTIARY AMINE AN X-RAY | AF 05000-2057 |
| THIOSEPTAL | |
| EFFECTS OF THIOSEPTAL SEDATION ON LEARNING AND MEMORY | AF 05000-2210 |
| THIOPHENECROMIUM | |
| STRUCTURE OF THIOPHENECROMIUM TRICARBONYL | AF 05000-0726 |
| THIOPICOLINAMIDES | |
| THE THERMAL DECOMPOSITION OF COPPER /II/ CHELATES OF N- SUBSTITUTED THIOPICOLINAMIDES | AF 05000-0230 |
| THIOSULFATE-O-IR | |
| NUCLEOPHILIC DISPLACEMENTS AT SULFUR III THE EXCHANGE OF OXYGEN-18 BETWEEN SODIUM THIOSULFATE-O-IR AND WATER | AF 05000-2310 |
| THIOUREA | |
| MAGNETIC EFFECTS IN NICKEL THIOUREA DI-IODIDE | AF 05000-2480 |
| THIOXANTHENE | |
| ION RADICALS IN THE REACTIONS OF THIOXANTHENE AND THIOXANTHENE 10-OXIDE IN SULFURIC ACID | AF 05000-0022 |
| THIRD | |
| THIRD INTERNATIONAL INTERNATIONAL HOT ATOM CHEMISTRY SYMPOSIUM LAFAYETTE INDIANA 1-2 APR 66
THIRD DOUBLE-SPECTRAL FUNCTION EFFECTS
SYMMETRY OF MIXED THIRD ORDER ELASTIC CONSTANTS
DIFFERENCES OF THE THIRD SYMPOSIUM ON THE PLASMA SHEATH- PLASMA ELECTROMAGNETICS OF HYPERSONIC FLIGHT VOLUME II
STATISTICAL ASPECTS OF SECOND AND THIRD LAW HEATS
ON THE EXISTENCE UNIQUENESS AND STABILITY OF SOLUTIONS OF A THIRD ORDER PARTIAL DIFFERENTIAL EQUATION
MEASUREMENT OF THE QUANTUM-ELECTRODYNAMIC LEVEL SHIFT IN THE /THIRD EXCITED STATE OF SINGLY IONIZED HELIUM/ | AF 05000-0330
AF 05000-1227
AF 05000-1102
AF 05000-0280
AF 05000-0555
AF 05000-1181
AF 05000-1222 |
| THIRD-ORDER | |
| RELATION BETWEEN ISOTHERMAL AND MIXED THIRD-ORDER ELASTIC CONSTANTS | AF 05000-1100 |
| THOMAS-FERMI | |
| CONVERGENCE OF THE SERIES EXPANSION FOR THE THOMAS-FERMI FUNCTION | AF 05000-1717 |
| THOMSON | |
| DARBY THOMSON SCATTER STUDIES OF PHOTOELECTRONS IN THE IONOSPHERE AND LANDAU DAMPING | AF 05000-1007 |
| THORIA | |
| THORIA SINGLE CRYSTALS GROWN BY VAPOR DEPOSITION IN A SOLAR FURNACE | AF 05000-1139 |
| THOUGHT | |
| MEMORY AND THOUGHT IN HUMAN INTELLECTUAL PERFORMANCE | AF 05000-1810 |
| THREE-AXIS | |
| DEVELOPMENT OF A THREE-AXIS LONG-PERIOD SEISMOGRAPH | AF 05000-2157 |
| THREE-BODY | |
| THREE-BODY MODELS IN NUCLEAR MATTER
NUCLEAR THREE-BODY MODELS IN FINAL REPORT OCT 1968
APPROACH TO THE THREE-BODY SCATTERING PROBLEM | AF 05000-2507
AF 05000-1491
AF 05000-0673 |

1. The purpose of this report is to provide information to the Commission on the progress of the research project on the development of a new method for the determination of the concentration of the active ingredient in the formulation of the product. The project is being carried out by the research group of the Department of Chemistry, University of [redacted].

65-15807-1363
 65-15807-1364
 65-15807-1365
 65-15807-1366
 65-15807-1367
 65-15807-1368

APR 25 1964 - 2440

[illegible][illegible]

AF 02960-2659

AFOSR67-1359
AFOSR67-1360

AFOSR67-1735
AFOSR68-0747
AFOSR68-0748
AFOSR67-2834
AFOSR67-2736
AFOSR68-2272

AFOSR67-0125

AFCRLA-0273

AF05900-197

AFCL67-003
AFOS67-138
AFOS67-236
ARL 88-026
AFOS67-007
AFOS67-139
AFOS68-117
AFCL68-006
AFOS68-160
AFOS68-204
AFOS67-104
ARL 88-142
AFOS67-239
AFOS68-186
AFOS68-003
AFCL68-002
AFCL68-051
AFOS68-277
AFOS68-192
AFOS68-003

AFOSR66-129

AFOSR67-032
AFOSR68-089
AFOSR67-194
AFOSR67-007

APL 67-006
APL 68-130
AFOSR67-228

AFOSR67-049
AFOSR67-274
AFOSR68-101

TIME-INDEPENDENT
WICKOFF NORMALIZATION PROCESS PROGRAM FOR TIME-INDEPENDENT HAMILTONIAN SYSTEMS AFOSR67-0123

TIME-INVARIANT
STABILITY OF LINEAR TIME-INVARIANT SYSTEMS AFOSR66-2573
SIMPLIFIED CONDITIONS FOR CONTROLLABILITY AND OBSERVABILITY OF LINEAR TIME-INVARIANT SYSTEMS AFOSR67-0340
OPTIMAL MATCHING A NEW APPROACH TO THE MATCHING PROBLEM FOR REAL LINEAR TIME-INVARIANT ONE-PORT NETWORKS AFOSR66-2467

TIME-OF-FLIGHT
A MODIFIED TIME-OF-FLIGHT MASS SPECTROMETER FOR HIGH PRESSURE STUDIES OF IONIC REACTIONS ARL 67-1131
MODIFICATION OF A TIME-OF-FLIGHT MASS SPECTROMETER FOR INVESTIGATION OF ION-MOLECULE REACTIONS AT ELEVATED PRESSURES ARL 66-0044
DEVELOPMENT OF A HIGH PRESSURE TIME-OF-FLIGHT MASS SPECTROMETER FOR MOLECULE REACTION STUDIES ARL 67-1107
INVESTIGATION OF NEGATIVE ION REACTIONS AT ELEVATED PRESSURES IN A TIME-OF-FLIGHT MASS SPECTROMETER ARL 68-1216

TIME-SHARED
THEORY OF QUEUES APPLIED TO TIME-SHARED COMPUTER SYSTEMS AFOSR67-0735
A METHODOLOGY FOR EVALUATING TIME-SHARED COMPUTER SYSTEM USAGE AFOSR66-0795

TIME-SHARING
BULK CORR IN A 360/67 TIME-SHARING SYSTEM AFOSR67-1968
STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND P55/360 AFOSR66-0763
DEVELOPMENT OF HIERARCHICAL GRAPHICAL LOGICAL ENTITY CAPABILITIES TIME-SHARING INPUT-OUTPUT EXECUTIVE /IOX/ AFOSR66-0131

TIME-SPACE
DISPERSION RELATIONS IN TIME-SPACE PERIODIC MEDIA PART II-UNSTABLE INTERACTIONS AFOSR66-0820

TIME-STREAM
PHASE IN THE PULSED RADAR TIME-STREAM AFOSR67-0241

TIME-TERM
ON TIME-TERM SURVEY NORWAY-SCOTLAND 1967 FINAL REPORT MAY 1968 AFOSR66-1424

TIME-VARIABLE
A QUASILOSSLESS TIME-VARIABLE SYNTHESIS SUITABLE FOR INTEGRATED CIRCUITS AFOSR66-0867
STABILITY OF PASSIVE TIME-VARIABLE CIRCUITS AFOSR67-0773

TIME-VARYING
STABILITY OF NONLINEAR TIME-VARYING NETWORKS AFOSR67-0716
A DISTRIBUTIONAL APPROACH TO TIME-VARYING SENSITIVITY AFOSR66-0510
I SUR P - STABILITY OF LINEAR TIME-VARYING FEEDBACK SYSTEMS AFOSR66-2059
MINIMUM-STATE REALIZATIONS OF LINEAR TIME-VARYING SYSTEMS AFOSR66-2043
MAGNETOELASTIC AND MAGNETOSTATIC WAVES IN TIME-VARYING MAGNETIC FIELDS AFOSR67-0681
RECURSIVE COMPUTATIONS FOR THE OPTIMAL TRACKING OF TIME-VARYING PARAMETERS AFOSR66-2541
BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DIFFERENTIAL SYSTEMS AFOSR66-0074
BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF NONLINEAR TIME-VARYING DISCRETE CONTROL SYSTEMS AFOSR66-2456

TIMELIKE
TIMELIKE CHARACTER OF GRAVITATIONAL FIELD ENERGY-MOMENTUM AFOSR66-2135

TIMES
TRAVEL TIMES APPARENT VELOCITIES AND AMPLITUDES OF ROOY WAVES AFOSR66-1449
THE TRAVEL TIMES OF P WAVES TO 30 DEGREES IN THE CENTRAL UNITED STATES AND UPPER MANTLE STRUCTURE FINAL REPORT JULY AFOSR67-1864
ON THE TRAVEL TIMES OF P AS OBTAINED FROM THE NUCLEAR EXPLOSIONS BILBY AND SHOAL AFOSR66-2855
DENSITY INDUCTION TIMES IN VERY LEAN MIXTURES OF D SUB2 H SUB2 C SUB2 H SUB2 AND C SUB2 H SUB2 WITH D SUB2 ARL 67-0139
DENSITY INDUCTION TIMES IN VERY LEAN MIXTURES OF D SUB2, H SUB2, C SUB2H SUB2, AND C SUB2H SUB2, WITH D SUB2 ARL 67-1090
AN ANALYSIS OF THE TRAVEL TIMES OF S WAVES TO NORTH 0 DEGREES AFOSR67-0264
MEASUREMENT OF RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS BY THE ELECTRIC FIELD EFFECT ON CRITICAL OPALSCENCE AFOSR67-2179
DETERMINATION OF RELAXATION TIMES IN CYCLOTRON RESONANCE IN COPPER AFOSR67-0556
NUCLEAR MAGNETIC RELAXATION TIMES OF HELIUM THREE IN HELIUM THREE - HELIUM FOUR SOLUTIONS AFOSR67-2798
NUCLEAR ZEEMAN-DIPOLAR CROSS RELAXATION TIMES AFOSR67-1041
THE BEHAVIOR OF A SIMPLY QUEUE AT VARIOUS TIMES AND PROCS AFOSR67-1882
A COMPARISON OF REPORTED SOLAR FLARE OCCURRENCE TIMES AND FLARE PATROL TIMES 1955-1964 AFOSR67-0695
MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING ORDINARY EPR SPECTROMETERS ARL 66-0232
INTRA- AND INTERSPHERIC DIFFERENCES IN OCCURRENCE TIMES OF HYDROMAGNETIC EMISSIONS AFOSR67-0250
ACCURATE MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING CW SPECTROMETERS ARL 66-1480
ELECTRIC FIELD EFFECT ON THE CRITICAL OPALSCENCE II RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS AFOSR67-2182
A COMPARISON OF REPORTED SOLAR FLARE OCCURRENCE TIMES AND FLARE PATROL TIMES 1955-1964 AFOSR67-0695
IONIZED MERCURY GAS IN THE HEATED SHOCK TUBE THE MEASUREMENT OF RELAXATION TIMES AND ABSOLUTE INTENSITIES FINAL REPORT AFOSR66-1930
COASTAL STRUCTURE OF THE MEDITERRANEAN SEA PART II PHASE VELOCITY AND TRAVEL TIMES AFOSR67-2415
PROPAGATION OF DISTURBANCES IN A GUTENBERG-RULLEN A SPHERICAL EARTH MODEL TRAVEL TIMES AND AMPLITUDES OF S WAVES AFOSR67-0291

TINY
ELECTROSTATIC EFFECT AND SUPERCONDUCTIVITY IN TINY SAMPLES AFOSR66-0017

TIRGRAM
RULE LEARNING AND RULE INTERFERENCE IN TIRGRAM ENCODING AFOSR66-0596

TISSUE
ON THE TISSUE SPECIFICITY AND BIOLOGICAL SIGNIFICANCE OF ALDOSE C IN THE CHICKEN AFOSR67-0266
NONDAMINERGIC MECHANISMS IN NERVOUS TISSUE FINAL REPORT JAN 1967 AFOSR67-0531
NONDAMINERGIC MECHANISMS IN NERVOUS TISSUE FINAL REPORT APRIL 1968 AFOSR66-1048

TISSUES
ELASTICITY OF SOFT TISSUES IN SIMPLE ELONGATION AFOSR66-0640
GENESIS OF ACTION POTENTIALS IN EXCITABLE TISSUES FINAL REPORT MAY 1967 AFOSR67-1693
ON THE FORMULATION OF CONSTITUTIVE EQUATIONS FOR LIVING SOFT TISSUES AFOSR67-2599
THE COMPARATIVE ENZYMOLOGY OF CREATINE KINASE I ISOLATION AND CHARACTERIZATION FROM CHICKEN AND RABBIT TISSUES AFOSR67-0867

TITANATE
CRYSTAL CHEMISTRY OF SODIUM SCANDIUM TITANATE AND ITS ISOMORPHS AFOSR66-1476

TITANIUM
SCANDIUM TITANITE AND SCANDIUM VANADITE SCANDIUM TITANIUM OXIDE AND SCANDIUM VANADIUM OXIDE AFOSR67-1628

TITANIUM
THE CHARACTERISTICS OF SODIUM TITANIUM BRONZE AND RELATED COMPOUNDS AFOSR67-1430
POLYMERIZATION OF STYRENE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM VANADIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS AFOSR67-2643
POLYMERIZATION OF VINYLCHLORIDE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS AFOSR67-2644
ELECTRICAL PROPERTIES OF CERIUM DIOXIDE AND TITANIUM DIOXIDE ARL 67-1140
EFFECT OF PRESSURE ON THE DIFFUSION OF IRON IN TITANIUM TITANIUM PLUS TEN PERCENT IRON AFOSR67-1760
SCANDIUM TITANITE AND SCANDIUM VANADITE SCANDIUM TITANIUM OXIDE AND SCANDIUM VANADIUM OXIDE AFOSR67-1628
STRENGTHENING OF SAPPHIRE BY PRECIPITATES CONTAINING TITANIUM AFOSR67-1486
EFFECT OF PRESSURE ON THE DIFFUSION OF IRON IN TITANIUM TITANIUM PLUS TEN PERCENT IRON AFOSR67-1760

TITEN
RECEPTORS CONCERNED IN THE REGULATION OF THE BLOOD TITER OF VASOPRESSIN AFOSR68-2702

TITRATION
TITRATION OF HAPTS IN ACETONITRILE AFOSR67-2863
COLUMBIC TITRATION OF MURZITE ARL 68-0081

TMPD/CHLORANIL
MULTIPLY LATTICES THE ORGANIC SEMICONDUCTORS TMPD/C104 AND TMPD/CHLORANIL FINAL REPORT MAY 1967 AFCL67-0554

TORPLITZ
TORPLITZ OPERATIONS ON HURD AFOSR67-0748
MINEL FORMS TORPLITZ FORMS AND MEMORPHIC FUNCTIONS AFOSR68-2872
ON THE POINT SPECTRUM OF A TORPLITZ OPERATOR AFOSR67-1289

TOLFRANCE
NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1966 AFOSR67-0610
NATURE OF IMMUNE TOLERANCE BY MEANS OF SYNTHETIC POLYPEPTIDE ANTIGENS FINAL REPORT DEC 1967 AFOSR68-0820
SPECIFICITY OF IMMUNOLOGICAL TOLERANCE TO POLY-OL-ALANYL PROTEINS AFOSR67-2343

TOLERANT
ANTIGENIC COMPETITION BETWEEN POLYPEPTIDYL DETERMINANTS IN NORMAL AND TOLERANT MICE AFOSR68-1652

TOLUENE
ELECTRONIC ENERGY RELAXATION IN TOLUENE VAPOR AFOSR68-2871

TOLYL
THERMAL WACEMIZATION OF BENZYL P- TOLYL SULFONIDE AND THERMAL REARRANGEMENT OF BENZYL P-TOLUENESULFONATE AFOSR68-2498
LONG-RANGE JIP SUPER IN SPIN-SPIN COUPLINGS IN BENZYL AND TOLYL PHOSPHORUS COMPOUNDS AFOSR67-2373

TOMARCH
TOMARCH EFFECT AS A PROBE OF THE DISPERSION RELATION OF ELECTRONS IN GAPLESS SUPERCONDUCTORS AFOSR67-0039

TONE-BURST
NUCLEAR SPIN-LATTICE RELAXATION MEASUREMENTS BY TONE-BURST MODULATION ARL 68-0123

TONES
ANALYSIS OF MUSICAL INSTRUMENT TONES AFOSR68-0775
A MATHEMATICAL MODEL FOR THE PERCEPTION OF TONES IN CONTEXT AFOSR67-0415
A MATHEMATICAL MODEL FOR THE PERCEPTION OF TONES IN CONTEXT PART II AFOSR67-1489

TONIC
CORRELATION BETWEEN LIGHT-AND DARK TONIC ACTIVITY IN THE CENTRAL VISUAL PATHWAYS IN THE ABSENCE AS WELL AS IN THE EFFECTS OF STEADY DIFFUSE ILLUMINATION ON RATE OF UNITARY TONIC DISCHARGE IN THE CENTRAL VISUAL PATHWAYS OF THE AFOSR68-2789
AFOSR68-2790

TOOL
METATYROSINE AS A TOOL FOR SELECTIVE PROTECTION OF CATECHOLAMINE SYMPAS AGAINST RESERPINE AFOSR68-2710
PHYSICAL ADSORPTION-A TOOL IN THE STUDY OF THE PROPERTIES OF MATTER AFOSR68-0778
TWO-NUCLEON INTERACTION AS A RESEARCH TOOL IN PARTICLE PHYSICS AFOSR68-0139
ON A FORMAL DEFINITION OF DIRECT MACHINE TOOL LANGUAGES AFOSR68-2770
THE DIFFERENTIAL INTERFEROMETER: A NOVEL TOOL FOR PLASMA DIAGNOSTICS ARL 68-1136

TOOLS
WORD STATISTICS IN THE GENERATION OF SEMANTIC TOOLS FOR INFORMATION SYSTEMS AFOSR68-0237

TOPICS
PLASMA PHYSICS AND RELATED TOPICS IN ASTROPHYSICS AFOSR68-1890
STUDIES IN TRANSFORMATIONAL GRAMMAR AND RELATED TOPICS FINAL REPORT JAN 1968 AFCL68-0032
THE DYNAMIC PLASTIC-PLASTIC INTERFACE AND RELATED TOPICS AFOSR67-1440

TOPOGRAPHY
THE EFFECT OF TOPOGRAPHY AND GEOLOGY ON TELLURIC CURRENTS AFCL67-0245

TOPOLOGICAL
FUNCTIONAL REPRESENTATION OF TOPOLOGICAL ALGEBRA AFOSR68-2478
A NOTE ON VOLTERRA INTEGRAL EQUATIONS AND TOPOLOGICAL DYNAMICS AFOSR68-2549
QUANTUM ELECTRODYNAMICS FROM THE POINT OF VIEW OF TOPOLOGICAL GROUPS FINAL REPORT DEC 1966 AFCL67-0027

TOPOLOGIES
NON-USUAL TOPOLOGIES ON SPACE-TIME AND HIGH-ENERGY SCATTERING AFOSR67-1421
ON THE COMPUTER ENUMERATION OF FINITE TOPOLOGIES AFOSR68-1394

TOPOLOGY
TOPOLOGY OF SIMILARITY SETS AFOSR67-2322

TOPOLOGY - CONTINUED

| | |
|--|--------------|
| EXAMPLES OF DIFFERENTIAL TOPOLOGY WITH SINGULARITIES (GERHARD) | AFOSR67-0116 |
| TORNADO | |
| NUMERICAL EXPERIMENTS ON THE FORMATION OF A TORNADO FUNNEL IN THE BOUNDARY LAYER | AFCL68-0425 |
| TOROIDAL | |
| CALCULATION OF TOROIDAL HARMONICS WITHOUT RECOURSE TO ELLIPTIC INTEGRALS | ARL 67-1875 |
| EXPERIMENTS ON THE INJECTION AND CONTAINMENT OF ELECTRON CLOUDS IN A TOROIDAL APPARATUS | AFOSR68-1039 |
| TORQUE | |
| EXCHANGE TORQUE POWER AND MOMENTUM FLOW AND STRESS IN A RIGID PERMANENT | AFCL67-0255 |
| TORSION | |
| TORSION IN LIP GROUPS AND RELATED SPACES | AFOSR67-0217 |
| MAGNETIC TORSION MEASUREMENTS ON HEXAGONAL FREE | AFOSR68-0881 |
| ROCK DEFORMATION AND THE DEFORMATION MECHANISMS IN TORSION TESTS FINAL REPORT MAR 1967 | AFCL67-0308 |
| TORSIONAL | |
| TORSIONAL VIBRATIONS OF HOMOGENEOUS AND SANDWICH SPHERICAL CAPS AND CIRCULAR PLATES | AFOSR67-1982 |
| TORSIONAL COORDINATES IN VIBRATIONAL ANHARMONICITY APPLICATION TO ETHYLENE | AFOSR67-2841 |
| ATTENUATION OF THE TORSIONAL FREE OSCILLATIONS IN AN EARTH WITH A DISSIPATIVE MANTLE AND A DISSIPATIVE SOFT-SOLID CORE | AFOSR67-2141 |
| DISSIPATION FACTOR OF THE TORSIONAL MODE DEGREES TSUMI FOR A HOMOGENEOUS-MANTLE EARTH WITH A SOFT-SOLID OR A | AFCL67-0268 |
| DISSIPATION FACTOR OF THE TORSIONAL MODE FOR A HOMOGENEOUS-MANTLE EARTH WITH A SOFT-SOLID OR A VISCOUS-LIQUID CORE | AFOSR67-2150 |
| THEORETICAL SPINORIALS OF TORSIONAL DISTURBANCES EXCITED AT A FOCUS WITHIN A HETEROGENEOUS SPHERICAL EARTH - CASE OF | AFOSR68-1429 |
| INVESTIGATION OF FAR INFRARED TORSIONAL VIBRATIONS FINAL REPORT MAR 1968 | AFCL68-0135 |
| TORTOSA | |
| DAILY AND SEASONAL VARIATION OF THE TOTAL ELECTRON CONTENT OF THE IONOSPHERE OVER TORTOSA | AFCL67-0682 |
| TORUS | |
| ENTROPY A COMPLETE METRIC INVARIANT FOR AUTOMORPHISMS OF THE TORUS | AFOSR67-2171 |
| TOSUPPER | |
| [TOSUPPERKUR2 AND 2PSUPPERJUM2 STATES IN ODD-A NUCLEI FROM SUPPERJ335 TOSUPPER AICA | ARL 68-0045 |
| TOTAL | |
| TOTAL ELECTRON CONTENT MEASUREMENTS AT HIGH LATITUDES FINAL REPORT JAN 1967 | AFCL67-0386 |
| TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED NO 110 SURFACE FOR LOW PRIMARY ENERGIES | ARL 68-0318 |
| TOTAL REFLECTION COEFFICIENTS FOR THE CLEAN AND GAS COVERED NO 110 SURFACE FOR LOW PRIMARY ENERGIES | ARL 68-1220 |
| SOME TOTAL INVARIANTS OF ASYMPTOTICALLY FLAT SPACE-TIME | ARL 68-0172 |
| OSCILLATIONS IN THE TOTAL CROSS SECTION FOR RESONANT CHARGE TRANSFER IN LITHIUM - LITHIUM ION COLLISION | AFOSR68-1980 |
| THE EVOLUTION OF THE TOTAL DISTRIBUTION FUNCTION OF A ONE-DIMENSIONAL SYSTEM OF HARD RODS | AFOSR68-2566 |
| VELOCITY DEPENDENCE OF TOTAL CROSS SECTION FOR THERMAL ENERGY ATOM-MOLECULE SCATTERING | AFOSR67-2069 |
| MEASUREMENT OF THE LI-HG TOTAL CROSS SECTION AT VERY LOW ENERGIES | AFOSR67-2258 |
| SMALL SHIELDED THERMOELECTRIC TOTAL TEMPERATURE PROXES | ARL 68-0108 |
| NUMERICAL ANALYSIS OF MAGNON TOTAL CROSS SECTIONS IN THE QUARK MODEL | AFOSR68-1371 |
| INVARIANT CALCULATION OF SOME TOTAL PROPERTIES OF ASYMPTOTICALLY FLAT SPACE TIME | ARL 67-1100 |
| DETERMINATION OF THE 2PRO-NUCLEON TOTAL CROSS SECTIONS FROM COMBINED PHOTOPRODUCTION | AFOSR67-0875 |
| DAILY AND SEASONAL VARIATION OF THE TOTAL ELECTRON CONTENT OF THE IONOSPHERE OVER TORTOSA | AFCL67-0682 |
| SPECTROPHOTOMETRIC STANDARDS FOR THE 1967 TOTAL SOLAR ECLIPSE | AFCL68-0757 |
| HIGH INTENSITY NOZZLE BEAM SOURCE FOR USE IN MOLECULAR TOTAL CROSS SECTION MEASUREMENTS | AFOSR68-0905 |
| CAN THE SQUARE OF THE ISOTOPIC SPIN BE CONSERVED BUT NOT THE TOTAL ISOTOPIC SPIN | AFOSR67-1380 |
| TOURNAMENT | |
| ON THE PROBLEM OF RECONSTRUCTING A TOURNAMENT FROM SUBTOURNAMENTS | AFOSR67-0733 |
| TOWARD | |
| TOWARD A TWO-DECISION THEORY OF ORGANIZATIONAL CONFLICT AND COMMITMENT | AFOSR67-1083 |
| TOWARD TECHNOLOGICAL REMOTE COMPUTER ACCESS | AFOSR67-2016 |
| TOWARD UNDERSTANDING THE ROLE OF TASKS IN BEHAVIORAL RESEARCH | AFOSR68-1078 |
| STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360 | AFOSR68-0763 |
| NOTES TOWARD THE CONSTRUCTION OF NONLINEAR RELATIVISTIC QUANTUM FIELDS I THE HAMILTONIAN IN TWO SPACE-TIME DIMENSIONS | AFOSR68-1380 |
| RESEARCH TOWARD FEASIBILITY OF AN INSTRUMENT FOR MEASURING VERTICAL GRADIENTS OF GRAVITY FINAL REPORT OCT 1967 | AFCL67-0631 |
| ATTITUDES TOWARD CIVIL LIBERTIES A CROSS-CULTURAL STUDY | AFOSR67-0835 |
| RESEARCH DIRECTED TOWARD THE STUDY OF INFRARED TRANSMISSION THROUGH VARIOUS ATMOSPHERES FINAL REPORT DEC 1966 | AFCL67-0007 |
| RESEARCH DIRECTED TOWARD THE STUDY OF SEISMICITY IN THE SOUTHEASTERN UNITED STATES FINAL REPORT JAN 1967 | AFCL67-0069 |
| RESEARCH DIRECTED TOWARD MEASUREMENT OF THE ENERGETIC CHARGED PARTICLE ENVIRONMENT IN NEAR-EARTH SPACE FINAL REPORT | AFCL67-0231 |
| RESEARCH DIRECTED TOWARD DETERMINATION OF RADIATIVE PROPERTIES AND COMPOSITION OF THE ATMOSPHERE FINAL REPORT APR 1967 | AFCL67-0346 |
| RESEARCH DIRECTED TOWARD THE STUDY OF IONIC AND NEUTRAL SPECIES IN THERMAL PLASMAS FINAL REPORT SEPT 1967 | AFCL67-0500 |
| RESEARCH DIRECTED TOWARD THE ELECTRON MICROANALYSIS OF MINERAL PHASES IN CHONDRITE METEORITES FINAL REPORT SEPT 1967 | AFCL67-0599 |
| RESEARCH DIRECTED TOWARD THE COLLECTION REDUCTION AND EVALUATION OF GEOMAGNETIC FIELD DATA FINAL REPORT JAN 1968 | AFCL68-0014 |
| RESEARCH DIRECTED TOWARD THE DESIGN AND FABRICATION OF A SOLAR ATMOSPHERIC DISPERSE EXPERIMENT FINAL REPORT MAR 1968 | AFCL68-0177 |
| RESEARCH DIRECTED TOWARD UNDERSTANDING BEHAVIOR AND DETECTION OF PLASMAS IN MAGNETIC FIELD FINAL REPORT APR 1968 | AFCL68-0210 |
| RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA FINAL REPORT MAY 1968 | AFCL68-0316 |
| RESEARCH DIRECTED TOWARD EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT AUG 1968 | AFCL68-0449 |
| RESEARCH DIRECTED TOWARD THE STUDY OF CHEMICAL REACTIONS OF EXCITED ATMOSPHERIC SPECIES FINAL REPORT JUNE 1968 | AFCL68-0466 |
| RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC | AFCL68-0553 |
| THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD SULFINYL SULFUR THE NUCLEOPHILE-CATALYZED HYDROLYSIS | AFOSR68-2069 |
| ACTIVITY OF HYDROCARBONS XIII RELATIVE EQUILIBRIUM ACTIVITIES OF HYDROCARBONS TOWARD CESIUM CYCLOHEXYLANIDE | AFOSR67-0731 |
| MECHANISMS OF SUBSTITUTION AT SULFINYL SULFUR III THE RELATIVE NUCLEOPHILICITY OF SOME COMMON NUCLEOPHILES TOWARD | AFOSR67-0117 |
| TOWER | |
| THE TOWER TELESCOPE OF THE GOLD SOLAR OBSERVATORY HAFSTUA | AFCL68-0022 |
| TOWERS | |
| TOWERS AS SETS OF COMPOSITE PARTICLES AND THOUGH WITH INFINITE-COMPONENT FIELD THEORIES | AFOSR67-2209 |
| TOWNSEND | |
| THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND | AFCL67-0033 |
| THE INFLUENCE OF A D C CROSSED MAGNETIC FIELD ON THE ELECTRICAL DISCHARGE CHARACTERISTICS OF GASES IN THE TOWNSEND | AFCL68-0017 |

TOXICITY
DECREASED ATMOSPHERIC TOXICITY IN RATS CHRONICALLY EXPOSED TO COLD AFOSR67-2106

TRACE
TRACE ANALYSIS OF SOLIDS BY MASS SPECTROMETRY FINAL REPORT JULY 1967 AFCL67-0461
TRACE DETERMINATION OF OXYGEN BY REACTION WITH PENTACETANEDICACALYATE 211/ COMPLETO TO COORDINATION CHAIN AFOSR67-2654
THE FUTURE OF TRACE METAL ANALYSIS BY GAS CHROMATOGRAPHY ARL 66-1043
DETERMINATION OF TRACE METALS USING COORDINATION CHAIN REACTIONS WITH MARKING AGENTS AND WITH AUTOMATED RATE AFOSR67-2653
DETERMINATION OF TRACE ELEMENTS IN STONE METEORITES BY ACTIVATION ANALYSIS (GERMAN) AFOSR66-1999
MATRIX WITH PROOF TRACE AFOSR67-0347
ANALYTICAL TECHNIQUES FOR THE DETERMINATION OF TRACE IMPURITIES IN CADMIUM SULFIDE FINAL REPORT JULY 1966 ARL 66-0132
THE ABSORPTION AND EMISSION OF IMPURITY LINES FROM HOT COMPRESSED ARGON WITH A TRACE OF GRAPHITE POWDER AFOSR66-2108

TRACERS
SELF-DIFFUSION OF RADIOACTIVE TRACERS ACROSS DISCONTINUOUS SURFACES ARL 66-1334
PHOTOLYSIS STUDIES UTILIZING RADIOACTIVE TRACERS FINAL REPORT APRIL 1967 AFOSR67-1079

TRACES
SOME INEQUALITIES INVOLVING TRACES OF OPERATORS AFOSR66-2075
PRECISE DETERMINATION OF GEODETIC POSITIONS BY THE METHOD OF CONTINUOUS TRACES FINAL REPORT AFCL67-0558

TRACK
THE HYPERSONIC SLIPSTREAM HEARING--A TEST TRACK PROBLEM ARL 66-1107

TRACKING
AN ACOUSTICAL TRACKING SYSTEM USING A DELTAIC CORRELATOR AFOSR67-1664
THE STRUCTURE OF THE OPTIMAL TRACKING PROBLEM FOR DISTRIBUTED-PARAMETER SYSTEMS AFOSR66-1826
RECURSIVE COMPUTATIONS FOR THE OPTIMAL TRACKING OF TIME-VARYING PARAMETERS AFOSR66-2541
TASK PROFIABILITY AND THE DEVELOPMENT OF TRACKING SKILL UNDER EXTENDED PRACTICE AFOSR67-1008
SECONDARY TASK INTERFERENCE IN THE PERFORMANCE OF TRACKING TASKS AFOSR67-1004
EFFECT OF SIMULATED SOCIAL FEEDBACK ON INDIVIDUAL TRACKING PERFORMANCE AFOSR67-1400
EXCITABILITY CHANGES ALONG VISUAL PATHWAYS DURING EYE TRACKING MOVEMENTS AFOSR66-2708
AN ANALYSIS OF THE PERFORMANCE OF THE THREE-STATION SPARSA NETWORK FOR DETECTING AND TRACKING THUNDERSTORM ACTIVITY AFCL66-0272

TRADEWIND
THE TROPICAL UPPER TROPOSPHERIC TROUGH AS A SECONDARY SOURCE OF TYPHOONS AND A PRIMARY SOURCE OF TRADEWIND AFCL67-0203

TRADITIONAL
TRADITIONAL MEDICINE IN MODERN CHINA AFOSR66-0992
THE USE OF TRADITIONAL MEDIA FOR MODERNIZATION IN COMMUNIST CHINA AFOSR67-0961

TRAIL
TRAIL OF AN IONOSPHERIC SATELLITE I AFOSR66-2127
THE TRAIL OF AN IONOSPHERIC SATELLITE II AFOSR67-1937
PROCEEDINGS OF THE WORKSHOP ON METHODS OF OBTAINING WINDS AND DENSITIES FROM RADAR METEOR TRAIL RETURNS AFCL66-0726

TRAILBLAZER
SST EXPERIMENTS ON AFCL NIKE-CAJON ROCKET AND 6 A6P AND ON TRAILBLAZER II AFCL66-0156

TRAILING
APPLICATION OF BLUNT TRAILING EDGE BLADINGS TO SUPERSONIC COMPRESSOR STAGES FINAL REPORT MAY 1967 AHL 67-0120
APPLICATION OF THE BLUNT TRAILING EDGE BLADE CONCEPT TO LOW HUM FID RATIO TRANSONIC SUPERSONIC COMPRESSORS FINAL ARL 66-0110
NOTE ON THE CONCEPT OF BLUNT TRAILING EDGE BLADES ARL 67-0063
ROTOR PERFORMANCE OF THE D32-11 BLUNT TRAILING EDGE BLADE SUPERSONIC COMPRESSOR ARL 66-0020
EXPERIMENTAL INVESTIGATION OF TWO BLUNT TRAILING EDGE SUPERSONIC COMPRESSOR ROTORS OF DIFFERENT BLADE THICKNESSES AND AHL 66-1228

TRAILS
HEIGHT DETERMINATION OF RADAR ECHOES FROM METEOR TRAILS AFCL67-0104
ELECTROPHYSIOLOGICAL STUDY OF VISUAL CORTICAL MECHANISMS ACTIVATED DURING AVOIDANCE CONDITIONING TRAILS IN MACAQUES AFOSR66-0196

TRAINING
OFFICER TRAINING IN TRANSITION A PARTICIPANT-OBSERVER STUDY OF AN AIR FORCE ROTC SUMMER FIELD TRAINING UNIT AFOSR66-1917

TRAINS
THE IN-FLIGHT DEPLOYMENT OF HEAVY PAYLOAD TRAINS BENEATH ASCENDING HIGH-ALTITUDE BALLOONS AFCL67-0636

TRAJECTORIES
NONPLANAR MOON-TO-EARTH TRAJECTORIES AFOSR66-2797
DYNAMICS BASED ON RISING REGGE TRAJECTORIES AFOSR66-1366
A GENERAL THEORY OF MINIMUM-FUEL SPACE TRAJECTORIES AFOSR67-0840
RECIPROCAL BOUNDS OF THE VECTOR AND TENSOR TRAJECTORIES FROM SUPERCONVERGENCE AFOSR66-2548
NUMERICAL METHODS OF COMPUTING THREE-DIMENSIONAL TRAJECTORIES FOR ADIABATIC AND DIABATIC FLOWS AFCL66-0357

TRAJECTORY
TRAJECTORY OPTIMIZATION TECHNIQUES AFOSR67-1377
GEOMETRIC STATION AND TRAJECTORY ESTIMATION FINAL REPORT PER 1966 AFCL66-0388
MINIMUM TIME FOR PARTH TO WAYS TRAJECTORY FOR A SOLAR SAIL ARL 66-1294
SIMPLIFIED MODEL FOR A THREE-PARTICLE REGGE TRAJECTORY AFOSR67-1735
SELF-DIFFUSION IN SIMPLE LIQUIDS THE LINEAR TRAJECTORY APPROXIMATION AFOSR67-2772

TRANQUILLIZERS
THE IONIZATION ENERGIES OF SOME PHENOTHAZINE TRANQUILLIZERS AND MOLECULES OF SIMILAR STRUCTURE AFOSR66-1254

TRANS-METHYL
NONPLANAR CYCLOPENTANE TEMPERATURE DEPENDENCE OF INEARED SPECTRA OF CIS AND TRANS-METHYL AFOSR66-0407

TRANSACTIONS
ELECTRODE REACTIONS TRANSACTIONS OF THE 1966 SYMPOSIUM CLEVELAND OHIO 1-6 MAY 1966 FINAL REPORT MAY 1966 AFOSR67-0651

TRANSMINATION

1. 3-ASYMMETRIC INDUCTION IN A TRANSMINATION REACTION

AFOSR67-2763

TRANSANNULAR

THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS II THE TRIPLET STATES OF THE PARACYCLOPHANES
 THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS III THE ABSORPTION AND EMISSION SPECTRA OF A MULTILAYERED
 THEORETICAL STUDIES OF TRANSANNULAR INTERACTIONS IV THE ELECTRONIC STATES OF THE PARACYCLOPHANE ANION

AFOSR67-0003
 AFOSR67-0226
 AFOSR67-0644

TRANSCIENT

THE NATURE OF THE ELECTRICAL CONDUCTION TRANSCIENT BEHAVIOR OF RUTILE

ARL 66-1150

TRANSCOMPERENCE

ANTENNA SYSTEM OPTIMIZATION BY TRANSCOMPERENCE FUNCTION MAXIMIZATION THEORY
 ANTENNA SYSTEM OPTIMIZATION BY TRANSCOMPERENCE FUNCTION MAXIMIZATION APPLICATIONS

AFOSR67-0100
 AFOSR67-0100

TRANSDUCTANCE

THEORY OF PLASMA TRANSDUCTANCE DUE TO LANDAU WAVES

ARL 66-0336

TRANSCRIPT

SUMMER INSTITUTE IN SYSTEMATICS 1967 - TRANSCRIPT OF LECTURES SUMMER INSTITUTE IN SYSTEMATICS WORKING CONFERENCE PS

AFOSR67-1345

TRANSDUCER

APPLY TO TRANSDUCER POWER GAIN IN OPTIMALLY MATCHED NETWORKS
 EVALUATION OF THE PACE 40109 PRESSURE TRANSDUCER FOR USE IN A HYPERSONIC WIND TUNNEL

AFOSR67-2643
 ARL 66-1332

TRANSDUCERS

INFRARED IMAGE TRANSDUCERS USING EXTRINSIC SEMICONDUCTORS.
 THIN-FILM PIEZOELECTRIC TRANSDUCERS USED AS GENERATORS AND DETECTORS OF MICROWAVE PHONONS WITH SOME ATTENUATION
 PIEZOELECTRIC THIN FILM TRANSDUCERS FINAL REPORT OCT 1967
 LOW ENERGY QUANTA IMAGE TRANSDUCERS USING A CONTROLLED RECOMBINATION MODE
 MULTILAYER THIN FILM PIEZOELECTRIC TRANSDUCERS
 FABRICATION OF VAPOR-DEPOSITED THIN FILM PIEZOELECTRIC TRANSDUCERS FOR THE STUDY OF PHONON BEHAVIOR IN DIELECTRIC
 ELECTRICAL PERFORMANCE OF METAL-INSULATOR-PIEZOELECTRIC SEMICONDUCTOR TRANSDUCERS
 DEVELOPMENT OF TECHNIQUES FOR THE DESIGN AND FABRICATION OF SEISMIC NOISE RECEIVING TRANSDUCERS FINAL REPORT DEC 1968

ARL 66-0264
 AFOSR67-0079
 AFOSR67-0610
 ARL 67-0041
 AFOSR67-0019
 AFOSR67-0627
 AFOSR67-0081
 AFOSR67-0680

TRANSECTION

EFFECT OF INTERHEMISPHERIC TRANSECTION ON THE EEG PATTERNS IN SLEEP AND WAKEFULNESS IN MONKEYS
 EFFECTS OF DIPHENHYLMETHYLENETETRAZOL IN CHRONIC CATS WITH MESENCEPHALIC TRANSECTION
 EFFECTS OF ATROPINE, SERINE AND ADRENALINE IN CATS WITH MESENCEPHALIC TRANSECTION AND IN THE ISOLATED HEMISPHERE CAT

AFOSR67-1051
 AFOSR67-0606
 AFOSR67-2380

TRANSFER

TRANSFER FUNCTION SYNTHESIS USING RESONATORS AND SOME ACTIVE RC RESONATORS
 TRANSFER OF TECHNOLOGY TO DEVELOPING COUNTRIES
 TRANSFER OF EXCITATION IN SOLUTION
 TRANSFER OF VERBAL PAIRED ASSOCIATES
 TRANSFER PROPERTIES OF THE LATERAL GENICULATE BODY
 THE TRANSFER OF HEAT ACROSS A TWO-DIMENSIONAL, OSCILLATING BOUNDARY LAYER
 HEAT TRANSFER AND PRESSURE DROP IN TUBE GENERATED SWIRL FLOW
 HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS II EXPERIMENTAL RESULTS AND COMPARISON WITH THEORY
 HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS I THEORY FOR VARIABLE PROPERTY FLOW
 HEAT TRANSFER ON WIND FLOW IN THE ENTRANCE REGION OF A FLAT DUCT
 HEAT TRANSFER BELOW 0.2 DEGREES K
 HEAT TRANSFER RATE MEASUREMENTS IN A LOW DENSITY HYPERVLOC STREAM OF ARGON
 HEAT TRANSFER IN CYLINDRICAL PIPES WITH FULLY ESTABLISHED TURBULENT FLOW AND EXPOSED TO A UNIFORM TEMPERATURE
 HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS
 HEAT TRANSFER AND RELATED SUPERSONIC FLOW STRUCTURE FOR AERODYNAMIC REARWARD-FACING SURFACE STEPS
 HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW DENSITY FLOWS WITH PHASE CHANGE COATINGS FINAL REPORT JAN 1968
 HEAT TRANSFER IN THE LAMINAR SUPERSONIC SEPARATED FLOW BEHIND AN AXISYMMETRICAL REARWARD FACING STEP
 HEAT TRANSFER FROM A CIRCULAR CYLINDER BY ACOUSTIC STREAMING
 HEAT TRANSFER MEASUREMENTS IN HYPERSONIC LOW-DENSITY FLOWS BY THIN SKIN TECHNIQUES AND PHASE-CHANGE COATINGS
 ENERGY TRANSFER AND ELECTRON CONDUCTION IN THE FLUID TRANSPIRATION ARC
 ENERGY TRANSFER STUDIES IN THE LIQUID PHASE RADIOLYSIS OF PURE GAS-HYDROGEN MIXTURES
 MILITARY TRANSFER OF TECHNOLOGY
 RADIATIVE TRANSFER I THE FLUX-TEMPERATURE RELATION AND NON-GRAY STELLAR ATMOSPHERES
 RADIATIVE TRANSFER II THE ITERATION OF THE MONOCHROMATIC SOURCE FUNCTION IN THE PRESENCE OF SCATTERING
 RADIATIVE TRANSFER FROM AN INHOMOGENEOUS NON-SCATTERING GAS IN THE INFRARED FINAL REPORT JULY 1968
 INFORMATION TRANSFER IN COMPLEX SYSTEMS WITH APPLICATIONS TO REGULATION
 HYDROGEN ION TRANSFER REACTIONS IN HYDROCARBON SYSTEMS
 LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL BLUNT BUMP FROM THE HIGH ENTHALPY FLOW IN THE SHOCK TUBE
 LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL BLUNT FLAT NOSED BODY IN TRANSONIC AND SUPERSONIC FLOW
 FLOW AND HEAT TRANSFER PHENOMENA OF PLASMA ARCS MAGNETICALLY BALANCED IN A CROSS FLOW
 RADIATIVE HEAT TRANSFER IN ADSORBING, EMITTING AND SCATTERING MEDIA
 NON-LINEAR HEAT TRANSFER BETWEEN TWO PARALLEL PLATES ACCORDING TO A MODEL WITH CORRECT PRANDTL NUMBER
 MOLECULAR CHARGE TRANSFER REACTIONS
 MOLECULAR CHARGE TRANSFER REACTIONS
 CHARGE AND ENERGY TRANSFER IN ORGANIC SYSTEMS FINAL REPORT MAY 1968
 MOMENTUM AND HEAT TRANSFER IN LAMINAR FLOW OF GAS WITH LIQUID DROPLET SUSPENSION OVER A CIRCULAR CYLINDER
 COLLISIONAL ENERGY TRANSFER THERMAL UNIMOLECULAR SYSTEMS IN THE LOW-PRESSURE REGION
 SPENCER RADIATIVE TRANSFER
 VIBRATIONAL ENERGY TRANSFER COLLISIONAL QUENCHING OF COMPETITIVE UNIMOLECULAR REACTIONS
 VIBRATIONAL ENERGY TRANSFER FROM A MONOLOGOUS SERIES OF CHEMICALLY ACTIVATED RADICALS
 COLLISIONAL ENERGY TRANSFER IN THERMAL UNIMOLECULAR SYSTEMS DILUTION EFFECTS AND ROLLOFF REGION
 INELASTIC EXCITATION TRANSFER IN HELIUM
 TWO MODES OF MOMENTUM TRANSFER FOR A STATIONARY ARC IN A TRANSVERSE MAGNETIC FIELD
 COLLISIONAL EXCITATION TRANSFER TO THE S D STATE IN HELIUM BY MULTIPLE STATE MECHANISM
 COLLISIONAL EXCITATION TRANSFER BETWEEN THE 2P1/2 AND 2P3/2 LEVELS IN ALKALI ATOMS
 KINETIC THEORY OF HEAT TRANSFER FOR A GAS WITH INTERNAL DEGREES OF FREEDOM
 LATERAL INTERACTION AND TRANSFER IN THE TACTILE MEMORY OF THE OCTOPUS
 INFRARED RADIATIVE HEAT TRANSFER IN NONGRAY GASES
 RESEARCH ON PLASMA HEAT TRANSFER FINAL REPORT MARCH 1967
 THE FLOW FIELD AND HEAT TRANSFER DOWNSTREAM OF A REARWARD FACING STEP IN SUPERSONIC FLOW FINAL REPORT MARCH 1967
 OPTIMIZATION OF IRRADIATION TRANSFER
 INFRARED RADIATIVE HEAT TRANSFER IN NON-GRAY GASES
 VISCOUS EFFECTS AND HEAT TRANSFER IN SEPARATED FLOWS
 INFRARED RADIATIVE ENERGY TRANSFER IN GASEOUS SYSTEMS FINAL REPORT AUGUST 1968
 MICROELECTRODE ANALYSIS OF TRANSFER OF VISUAL INFORMATION BY THE CORPUS CALLOSUM
 MODERN TECHNIQUES IN ENERGY TRANSFER
 ENHANCEMENT OF HEAT AND MASS TRANSFER IN A STAGNATION REGION BY FREE STREAM VORTICITY

AFOSR67-0130
 AFOSR67-0041
 AFOSR67-0165
 AFOSR67-1812
 AFOSR67-2543
 ARL 67-0200
 AFOSR67-1939
 AFOSR67-2061
 AFOSR67-2064
 AFOSR67-0726
 AFOSR67-1661
 AFOSR67-2646
 ARL 67-0036
 ARL 67-1214
 ARL 67-1279
 ARL 66-0004
 ARL 66-0218
 ARL 66-0334
 ARL 66-1100
 AFOSR67-0769
 ARL 67-1164
 AFOSR67-0231
 AFOSR67-1346
 AFOSR67-2643
 ARL 66-0110
 AFOSR67-0727
 ARL 66-1042
 ARL 67-0121
 ARL 66-0514
 ARL 67-1335
 ARL 67-0210
 AFOSR67-1916
 ARL 66-1236
 ARL 66-1239
 AFOSR67-1346
 ARL 67-0768
 AFOSR67-0428
 AFOSR67-1170
 AFOSR67-1967
 AFOSR67-2139
 AFOSR67-2646
 AFOSR67-0477
 ARL 66-1333
 AFOSR67-
 AFOSR67-0017
 AFOSR67-1935
 AFOSR67-0287
 ARL 67-0015
 ARL 67-0043
 ARL 67-0056
 ARL 67-1052
 ARL 66-0353
 AFOSR67-1357
 ARL 66-0151
 AFOSR67-2714
 ARL 67-1007
 ARL 66-0027

TRANSFORMATIONS - CONTINUED

| | |
|---|--------------|
| TRANSFORMATIONS IN THE CHINESE COMMUNIST PARTY | AFOSRAA-2301 |
| SOME TRANSFORMATIONS OF THE DNGRGER RELATIONS OF NONEQUILIBRIUM THERMODYNAMICS | AFOSRAA-1035 |
| POINT TRANSFORMATIONS AND THE HARD-SPHERE ROSE GAS | AFOSRAA-2474 |
| CHEMICAL TRANSFORMATIONS | AFOSRAA-1329 |
| LORENZ TRANSFORMATIONS IN PHASE SPACE AND IN PHYSICAL SPACE | AFOSRAA-1028 |
| NONLINEAR TRANSFORMATIONS OF RANDOM PROCESSES | AFOSRAA-0504 |
| STOICHIOMETRIC TRANSFORMATIONS ON CLEAVED AND ANNEALED GELI SURFACES | AFOSRAA-1470 |
| INVARIANT TRANSFORMATIONS AND NEWMAN-PENROSE CONSTANTS | AFOSRAA-1082 |
| TEMPERATURE TRANSFORMATIONS A PRACTICAL CHOICE | AFOSRAA-0635 |
| REGULATING TRANSFORMATIONS OF THE JACOBIAN INTEGRAL | AFOSRAA-2658 |
| PHOTOCHEMICAL TRANSFORMATIONS OF SMALL RING CARBONYL COMPOUNDS X PHOTODESULFURIZATION OF DIHENOXYLSTILBENE EPISULFIDE | AFOSRAA-1187 |
| SOME SIMILARITY TRANSFORMATIONS IN MAGNETOHYDRODYNAMICS | AFOSRAA-1074 |
| PARALLEL AND CENTRAL TRANSFORMATIONS OF RIEMANNIAN MANIFOLDS | AFOSRAA-2818 |
| AN INEQUALITY FOR LINEAR TRANSFORMATIONS | AFOSRAA-1644 |
| GOFFS THERMOM AND INVARIANT TRANSFORMATIONS | AFOSRAA-1277 |
| CLASSICAL MECHANICS AND CONTACT TRANSFORMATIONS | AFOSRAA-1155 |
| CRYSTAL GEOMETRY OF FIRST ORDER PHASE TRANSFORMATIONS | |
| TRANSFORMED | |
| VARIABLE AIR TRANSFORMER FOR IMPEDANCE MATCHING | AFOSRAA-3142 |
| TRANSFORMS | |
| CONJUGATES AND LEGENDRE TRANSFORMS OF CONVEX FUNCTIONS | AFOSRAA-1390 |
| IMPLEMENTATION OF LIE GROUP TRANSFORMS OF SPATIAL DATA ON PARALLEL LOGIC ARRAYS | AFOSRAA-0443 |
| COMPUTATION USING FAST FOURIER TRANSFORMS | AFOSRAA-2020 |
| EFFECT OF SIZE AND LOCATION OF INFORMATIONAL TRANSFORMS UPON SHORT TERM RETENTION | AFOSRAA-1811 |
| TRANSFORMULAR | |
| TRANSFORMULAR STRESS-CORROSION CRACKING MECHANISMS IN HIGH-PURITY AUSTENITIC STAINLESS STEELS | AFOSRAA-1530 |
| TRANSIENT | |
| TRANSIENT RESPONSE IN RADIO REFRACTOMETERS | AFOSRAA-0014 |
| TRANSIENT REFLECTED SIGNALS FROM AN ANISOTROPIC PLASMA | AFOSRAA-0065 |
| TRANSIENT WAVE PROPAGATION IN A PLASMA | AFOSRAA-0383 |
| TRANSIENT CONDUCTIVITY IN ORGANIC INSULATORS FINAL REPORT SEPT 1967 | AFOSRAA-0515 |
| TRANSIENT CURRENTS ON A PERFECTLY-CONDUCTING CYLINDER ILLUMINATED BY UNIT-STEP AND IMPULSIVE PLANE WAVES | AFOSRAA-0691 |
| TRANSIENT EXCITATION OF HOMOGENEOUS COLD MAGNETIC-PLASMA | AFOSRAA-0348 |
| TRANSIENT INTERFERENCE STUDIES OF PASSIVELY Q-SWITCHED RUBY LASER EMISSION | AFOSRAA-0448 |
| TRANSIENT VIBRATION OF AN ELASTIC HALF-SPACE DUE TO A MOVING SURFACE LINE LOAD | AFOSRAA-0312 |
| TRANSIENT NATURAL CONVECTION IN A VERTICAL TUBE WITH NON-AXISYMMETRIC WALL TEMPERATURE | AFOSRAA-1508 |
| TRANSIENT RESPONSE OF AN ELASTIC SHELL IN PLANE STRAIN | AFOSRAA-1908 |
| TRANSIENT FREE RADICALS | AFOSRAA-2054 |
| TRANSIENT SOLUTION AND SOUND RADIATED INTO A VISCOUS FLUID | AFOSRAA-2625 |
| TRANSIENT AND STEADY STATE FLUIDDYNAMIC RESPONSES | AFOSRAA-2648 |
| TRANSIENT STABILITY OF AN A C GENERATOR BY LYAPUNOV'S DIRECT METHOD | AFOSRAA-2895 |
| TRANSIENT TEMPERATURE DISTRIBUTION OF AN IDEALIZED CONTACT SPOT | AFOSRAA-0814 |
| A TRANSIENT FIBER OPTICS PROBE FOR SPACE RESOLVED DIAGNOSTICS OF DENSE PLASMAS | AFOSRAA-0834 |
| OPTIMUM TRANSIENT RESPONSE IN DAMPED LINEAR SYSTEMS | AFOSRAA-2427 |
| A CASE OF TRANSIENT ANISOTROPY DURING THE RECOVERY PHASE OF A FORMUS DEGRADATION | AFOSRAA-0795 |
| INTERPOLATION AND APPLICATION OF TRANSIENT AND IMPULSE RESPONSE APPROXIMATIONS IN ELECTROMAGNETIC SCATTERING PROBLEMS | AFOSRAA-0690 |
| A GENERALIZED GALEKIN-KANTOROVICH TREATMENT OF TRANSIENT EVAPORATION THROUGH A FINITE REGION | AFOSRAA-0039 |
| TRANSIENTS | |
| TRANSIENTS AND NON-OMNIC BEHAVIOR IN CERIUM OXIDE | AFOSRAA-0600 |
| ASYMPTOTIC THEORY OF TRANSIENTS | AFOSRAA-0282 |
| ELECTRICAL CONDUCTIVITY TRANSIENTS IN RUTILE | AFOSRAA-1149 |
| REFRACTOMETER ABSORPTION IN TRANSIENTS AND AT SUB-FREEZING TEMPERATURES FINAL REPORT JUNE 1968 | AFOSRAA-0413 |
| NATURE OF THE ELECTRICAL CONDUCTION TRANSIENTS OBSERVED IN RUTILE | AFOSRAA-1148 |
| INTERPOLATION AND FOURIER TRANSFORMATION OF TRANSIENTS | AFOSRAA-1289 |
| RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS | AFOSRAA-0859 |
| RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS | AFOSRAA-1778 |
| RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS | AFOSRAA-1928 |
| RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS | AFOSRAA-2495 |
| RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSION TRANSIENTS FINAL REPORT 1968 | AFOSRAA-0771 |
| TRANSISTION | |
| A DISTRIBUTION ANALYSIS OF THE MOS TRANSISTOR | AFOSRAA-0107 |
| COMPUTER MODELS OF THE FIELD-EFFECT TRANSISTOR | AFOSRAA-1336 |
| ANALYSIS AND DESIGN OF MAXIMUM-GAIN LOW-CURRENT JUNCTION FIELD EFFECT TRANSISTOR CONFIGURATIONS | AFOSRAA-0184 |
| TRANSISTORIZED | |
| A CONSTANT BANDWIDTH WIDE RANGE TRANSISTORIZED LOGARITHMIC AMPLIFIER | AFOSRAA-0186 |
| TRANSISTORS | |
| RADIATION HARDENED SILICON POWER TRANSISTORS | AFOSRAA-0432 |
| CURRENT SATURATION AND GAIN CONDUCTANCE OF JUNCTION-GATE FIELD-EFFECT TRANSISTORS | AFOSRAA-1629 |
| TRANSITION | |
| TRANSITION MATRIX DESCRIPTION OF DYNAMIC MAGNETOCONDUCTIVITY | AFOSRAA-1527 |
| TRANSITION TO TURBULENCE FOR SUBMERGED INCOMPRESSIBLE AND FREE COMPRESSIBLE FLUID JETS | AFOSRAA-1494 |
| TRANSITION PROBABILITIES OF THE HYDROGEN ATOM FROM NONCOMPACT DYNAMICAL GROUPS | AFOSRAA-2091 |
| TRANSITION FORM FACTORS IN THE H ATOM | AFOSRAA-2003 |
| TRANSITION TEMPERATURE OF LITHIUM AND LEAD-THALLIUM ALLOYS | AFOSRAA-1544 |
| TRANSITION STUDIES OF POLY(2,2-DIMETHYL-1,4-DIPHENYLENE ETHER) | AFOSRAA-2514 |
| ON TRANSITION FUNCTIONS OCCURRING IN THE THEORY OF DIFFRACTION IN INHOMOGENEOUS MEDIA | AFOSRAA-1734 |
| THE TRANSITION REGIME OF RADIATED GAS DYNAMICS FINAL REPORT JULY 1968 | AFOSRAA-2315 |
| THE TRANSITION BETWEEN K AND M BANDS | AFOSRAA-1175 |
| ON THE TRANSITION STATE IN TWO RADICAL INTERACTIONS, FINAL REPORT JUN 1968 | AFOSRAA-0113 |
| CHANGE OF TRANSITION TEMPERATURES OF ANTIMAGNETIC CRYSTALS AS A FUNCTION OF HIGH HYDROSTATIC PRESSURES | AFOSRAA-1294 |
| BOUNDARY LAYER TRANSITION ON CONES AND SPHERES AT SUPERSONIC SPEEDS-EFFECTS OF ROUGHNESS AND COOLING | AFOSRAA-2048 |
| PRECALCULATION OF TRANSITION PROBABILITIES FROM NONCOMPACT DYNAMICAL GROUPS | AFOSRAA-2110 |
| BOUNDARY LAYER TRANSITION ON BLUNT BODIES-EFFECT OF ROUGHNESS | AFOSRAA-0092 |
| BOUNDARY LAYER TRANSITION TABLES | AFOSRAA-0016 |
| BOUNDARY LAYER TRANSITION TEMPERATURE AND RESISTIVITY OF TIN WHISKERS AS A FUNCTION OF UNIAXIAL TENSION | AFOSRAA-0162 |
| BOUNDARY LAYER TRANSITION TEMPERATURE OF LANTHANUM CORROSION ONE MINUS A GADOLINIUM SULFIDE ALUMINUM SUB OXIDE | AFOSRAA-1079 |
| BOUNDARY LAYER TRANSITION TEMPERATURE OF LANTHANUM CORROSION ONE MINUS A GADOLINIUM SULFIDE ALUMINUM SUB OXIDE | AFOSRAA-1066 |
| BOUNDARY LAYER TRANSITION TEMPERATURE OF LANTHANUM CORROSION ONE MINUS A GADOLINIUM SULFIDE ALUMINUM SUB OXIDE | AFOSRAA-1917 |

TRANSITION

- CONTINUED

- THEORY OF THE PHASE TRANSITION IN IV-VI COMPOUNDS
A NEW TYPE OF CYCLIC TRANSITION METAL COMPLEX
HIGH SUPERCONDUCTING TRANSITION TEMPERATURES IN THE MOLYBDENUM CARBIDE FAMILY OF COMPOUNDS
INVESTIGATION OF JET TRANSITION PHENOMENA FINAL REPORT JUNE 1968
HEAT OF FORMATION AND TRANSITION TEMPERATURES OF SOLID LITHIUM HEXAFLUOROCALUMINATE
RESISTIVITY OF THE AD TRANSITION SERIES RU-RH-PD-AG CONTAINING FE
A NEW PULSED ION LASER TRANSITION IN NITROGEN AT 3095 Å
THERMAL ESCAPE PROBLEM IN TRANSITION DOMAIN IN SPHERICAL GEOMETRY
STEREOCHEMICAL CHANGES IN TRANSITION METAL COMPLEXES
CALCULATION OF RELATIVISTIC TRANSITION PROBABILITIES AND FORM FACTORS FOR NONCOMPACT GROUPS
SUPERCONDUCTING PROPERTIES OF TRANSITION METAL CARBIDES & NITRIDES FINAL REPORT FEB 1968
DOLYFLUOROACETONE COMPLEXES OF TRANSITION METALS
WKB CALCULATION OF VIBRATIONAL TRANSITION PROBABILITIES IN MOLECULAR COLLISIONS
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XV KEY OLEFINIC AND ACETYLENIC DERIVATIVES OF TUNGSTEN
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVI POLYNUCLEAR CYCLOPENTADIENYLMETAL CARBONYLS OF IRON AND COBALT
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVII CYCLOPENTADIENYLVANADIUM DIACETATE
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XVIII SOME NEW CYCLOPENTADIENYLMETAL NITROSYL DERIVATIVES OF
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XX SOME REACTIONS OF ACETONITRILE DERIVATIVES OF MOLYBDENUM AND
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XXI SOME PI-PENTAMETHYLCYCLOPENTADIENYL DERIVATIVES OF VARIOUS
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS XXII THE SYNTHESIS OF UNUSUAL CYCLOPENTADIENYLMOLYBDENUM NITROSYL
EXPERIMENTAL OBSERVATIONS OF THE TRANSITION TO DETONATION IN AN EXPLOSIVE GAS
THE THERMOPOWER OF ALUMINIUM WITH TRANSITION METAL IMPURITIES
PENETRATION EFFECTS FOR THE 161 KEV TRANSITION IN CS SUPPER 133
PHOSPHORUS COORDINATION COMPOUNDS OF TRANSITION METALS FINAL REPORT JAN 1967
MODINITY EFFECTS IN EUTECTIC ALLOYS TRANSITION TEMPERATURE AND SPECIFIC HEAT
ON THE WKB EVALUATION OF VIBRATIONAL TRANSITION PROBABILITIES
TEMPERATURE DEPENDENCE OF VIBRATIONAL TRANSITION PROBABILITIES IN WATER-WATER COLLISIONS
FLUOTOLYTIC GROWTH AND PREPARATIONS OF TRANSITION METAL COMPOUND SINGLE CRYSTALS
INPUT POWER INDUCED THERMAL EFFECTS RELATED TO TRANSITION TIME BETWEEN AVALANCHE AND SECOND BREAKDOWN IN P-N SILICON
THEORY OF SYMMETRY CHANGE IN SECOND-ORDER PHASE TRANSITION IN PEROVSKITE STRUCTURE
AN EXPERIMENTAL TEST OF PROPOSED WATER-VAPOR LASER TRANSITION ASSIGNMENTS
OPEN-SHELL HARTREE-FOCK MOLECULAR ORBITAL THEORY OF TRANSITION METAL ION COMPLEXES /KNIFE SUBJ/ POTASSIUM NICKEL FLUORIDE
STEREO CHEMISTRY OF SELECTED COMPLEXES OF FIRST ROW TRANSITION ELEMENTS
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS X SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH
ORGANOSULFUR DERIVATIVES OF THE METAL CARBONYLS IX SOME TRANSITION METAL DERIVATIVES CONTAINING BOTH PI-CYCLOPENTA-
ADSORPTION PEAK FOR ULTRASONIC WAVES NEAR THE SPIN-FLOP TRANSITION OF UNIAIAL ANTIFERROMAGNETS
SKIN-FRICTION DRAG AT SUPERSONIC-HYPERSONIC SPEEDS WITH TRANSITION
A COMPUTER STUDY OF AN ANALYTICAL MODEL OF BOUNDARY LAYER TRANSITION
SUPERCONDUCTING CRITICAL TEMPERATURES OF NONSTOICHIOMETRIC TRANSITION METAL CARBIDES AND NITRIDES
INFLUENCE OF WEAK SOLVENT-SOLUTE INTERACTIONS ON RADIATIONLESS TRANSITION PROBABILITIES
FAR-INFRARED MEASUREMENT OF LONG-RANGE ORDERED IN A DISPLACIVE PHASE TRANSITION
COMMENTARY ON THE HIGNEY AND BLAKELY PAPER KINETICS OF THE SOLID-LIQUID TRANSITION IN TIN
GENERALIZED OSCILLATOR STRENGTHS AT SMALL MOMENTUM CHANGES FOR THE ONE-SINGLET S TO TWO-SINGLET S TRANSITION IN HELIUM
AFOSR67-0724
AFOSR67-2574
AFOSR68-1072
AFOSR67-1984
AFOSR68-1111
AFOSR67-0764
AFOSR68-2551
ARL 67-1172
AFOSR67-2148
AFOSR68-0448
AFOSR68-0801
AFOSR68-2293
AFOSR67-0598
AFOSR67-0599
AFOSR67-0600
AFOSR67-0603
AFOSR67-1573
AFOSR67-1601
AFOSR67-0692
AFOSR67-0886
AFOSR68-0054
ARL 67-1043
AFOSR67-0417
AFOSR68-0336
AFOSR68-1570
AFOSR68-1573
AFM 67-0239
AFOSR67-0767
ARL 68-0243
AFOSR68-2628
AFOSR67-1633
ARL 68-1046
AFOSR68-0691
AFOSR67-0990
AFOSR67-1411
AFOSR67-1956
AFOSR68-0617
AFOSR67-0102
AFOSR68-0803
AFOSR67-1031
AFOSR68-1544
AFOSR67-0193
- TRANSITION-METAL
TRANSITION-METAL COMPLEXES CONTAINING NITROGEN PHOSPHORUS OR SULFUR
SOME TRANSITION-METAL ACETYLIDES
OPTICAL EXCITATION OF TRANSITION-METAL IONS VIA INTRAMOLECULAR ENERGY TRANSFER
SOLID STATE STUDIES OF ALKALI METALS IN TRANSITION-METAL OXIDES
PRESSURE-TEMPERATURE EFFECTS ON CHARGE TRANSPORT IN TRANSITION-METAL OXIDES FINAL REPORT MAY 1968
AFOSR68-0343
AFOSR68-1133
AFOSR67-1515
AFOSR67-2739
AFOSR68-0987
- TRANSITIONAL
LAMINAR AND TRANSITIONAL HEAT TRANSFER IN THE TWO DIMENSIONAL SEPARATED FLOW BEHIND A SHARP PROTRUDING LEADING EDGE
ARL 68-0015
- TRANSITIONS
LASING TRANSITIONS IN II-VI COMPOUND SEMICONDUCTORS
THE LASING TRANSITIONS OF CdS
METASTABLE TRANSITIONS IN VASE SPECTROMETRY
LEGAND-FIELD TRANSITIONS IN TERTIARY PHOSPHINE AND ARSINE COMPLEXES OF RUTHENIUM /II/ AND OSMIUM /II/
RADIATIONLESS TRANSITIONS AND MOLECULAR QUANTUM BEATS
SUPERCONDUCTING TRANSITIONS IN BODY-CENTERED CUBIC THALLIUM - INDIUM ALLOYS
SUPERFLUID FLOW TRANSITIONS IN ROTATING NARROW ANNULET
MULTIPLE QUANTUM TRANSITIONS IN MAGNESIUM DIOXIDE
FIRST-ORDER PHASE TRANSITIONS IN SPIN-ONE ISING SYSTEMS
QUADRUPOLE-ALLOWED TRANSITIONS IN THE ELECTRON-IMPACT SPECTRUM OF NITROGEN
PHYSICS OF VIBRONS IN THE SPECTRA FOR WARE EARTH IONS IN CRYSTALS FINAL REPORT FEB 1967
THEORY OF RADIATIONLESS TRANSITIONS IN AN ISOLATED MOLECULE
SYMMETRY CHANGES, PHASE TRANSITIONS AND FERROELECTRICITY
STUDIES OF RADIATIONLESS TRANSITIONS IN CONDENSED USING NANOSECOND LASER PHOTOLYSIS AND SPECTROSCOPY
PHONON EFFECTS ON CARRIER TRANSITIONS AT IMPURITY CENTERS
LASER OSCILLATION ON ELECTRONIC TRANSITIONS IN NEUTRAL NSUB2 AND CO
SHORT WAVELENGTH IMPURITY EXCITON TRANSITIONS IN CDS AT 1.2 DEGREES K
N-SUBSHELL MEASUREMENTS ON PURE E2 TRANSITIONS IN EVEN-EVEN NUCLEI
OSCILLATOR STRENGTHS FOR HIGH-LEVEL TRANSITIONS IN HYDROGEN
VIBRATIONAL EFFECTS IN RADIATIONLESS TRANSITIONS IN AROMATIC MOLECULES
SPONTANEOUS DECAY THEORY AND SEQUENTIAL TRANSITIONS
N-SUBSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS
N-SUBSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS
N-SUBSHELL MEASUREMENTS IN SOME PURE E2 TRANSITIONS
MOST FAVORABLE ORIENTATION FOR VIBRATIONAL TRANSITIONS IN ASYMMETRIC DIATOMIC MOLECULES
MICROWAVE SATURATION OF PARAELECTRIC-RESPONSE TRANSITIONS OF OH IONS IN KCL
ELECTROREFLECTANCE STUDY OF INTERBAND MAGNETO-OPTICAL TRANSITIONS IN INDIUM ARSENIDE AND INDIUM ANTIMONIDE AT 1.5
TABLES OF COEFFICIENTS FOR ANGULAR CORRELATION OF RADIATIVE TRANSITIONS FROM ALIGNED NUCLEI
AN EXPERIMENTAL DETERMINATION OF THE OSCILLATOR STRENGTHS FOR SOME TRANSITIONS IN THE LYMAN BANDS OF MOLECULAR HYDROGEN
DIRECT OBSERVATION OF COLLISION BROADENING AND EFFECT OF RESONANT INTERACTIONS ON GAS-LASER TRANSITIONS
ARL 68-1061
ARL 67-1083
ARL 67-1167
AFOSR68-0927
AFOSR68-2004
AFOSR67-1237
AFOSR68-1317
AFOSR67-0535
AFOSR67-2035
AFOSR67-0194
AFOSR67-0278
AFOSR68-2450
ARL 67-0238
ARL 68-1123
ARL 68-1358
AFOSR67-1585
ARL 67-1288
ARL 67-1266
AFOSR68-0477
AFOSR68-0668
AFOSR68-1058
ARL 68-0227
ARL 68-1201
ARL 68-1215
AFOSR68-1962
AFOSR67-0986
AFOSR67-2361
ARL 68-0330
AFOSR68-2503
AFOSR67-2629
- TRANSLATED
AN EXPERIMENTAL COMPARISON OF STIMULUS AND RESPONSE TRANSLATED POWER FUNCTIONS FOR BRIGHTNESS
AFOSR68-0949
- TRANSLATION
TRANSLATION ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS
A TRANSLATION THEOREM FOR ANALYTIC FEYNMAN INTEGRALS
INTEGRATION SELECTIVE AMPLIFIERS USING FREQUENCY TRANSLATION
ARL 68-0326
AFOSR67-2767
AFOSR67-0339
- TRANSLATION-INVARIANT
TRANSLATION-INVARIANT DIRICHLET ALGEBRAS ON COMPACT GROUPS
AFOSR67-0223
- TRANSLATIONAL
TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE ALPHA CHAIN OF RABBIT HEMOGLOBIN
AFOSR67-1631

TRANSLATIONAL - CONTINUED

TRANSLATIONAL ENERGY EFFECTS FOR NEGATIVE ION-MOLECULE REACTIONS
EFFECT OF TRANSLATIONAL ENERGY ON ION-MOLECULE REACTION RATES
VORTICES IN AN IMPERFECT ROSE GAS IV TRANSLATIONAL VELOCITY

ARL 68-1053
ARL 67-0026
AFOSR67-0361

TRANSLATIONS

FINITE TRANSLATIONS IN SOLID-STATE PHYSICS

AFOSR68-0563

TRANSMISSION

TRANSMISSION LINE MODEL OF MAGNON-PHONON MODES IN FERRITES PART II COUPLED MODES
TRANSMISSION LINE PARAMETER MEASUREMENTS - STANDING WAVE IMPEDANCE PROBE
TRANSMISSION THROUGH AN ANISOTROPIC PLASMA SLAB AT ARBITRARY ANGLES OF INCIDENCE
DATA TRANSMISSION AND INSTRUMENTATION SYSTEMS FOR SPACE VEHICLES FINAL REPORT APR 1967
LIGHT TRANSMISSION AND ITS REGULATION IN THE COMPOUND EYE
SYNAPTIC TRANSMISSION AND ITS RELATION TO SURFACE CHEMISTRY OF NERVE CELLS FINAL REPORT PER 1968
MODULATION OF TRANSMISSION OF OPTIC NERVE IMPULSES IN THE ALERT CAT: EVIDENCE OF PRESYNAPTIC INHIBITION OF PRIMARY
REFLECTION AND TRANSMISSION FROM A PLANE LAYERED COUPLED HANTLE BOUNDARY
TITANIUM LITHIUM TRANSMISSION OF ANALOG DATA FOR CHANNELS JANUARY 1968
REFLECTION AND TRANSMISSION OF ELECTROMAGNETIC POWER AT MOVING INTERFACES
PROGRAMMED GRADES FOR TRANSMISSION MULTIPLEX
INVESTIGATION OF SPECTRUM TRANSMISSION TESTING FINAL REPORT FEB 1967
FURTHER RESEARCH ON OPTICAL TRANSMISSION LINES
PREPARATION OF THIN SECTION FOR TRANSMISSION ELECTRON MICROSCOPY
STUDY OF FAR INFRARED ATMOSPHERIC TRANSMISSION FINAL REPORT JUNE 1967
INVESTIGATION OF THIN-FILM OPTICAL TRANSMISSION LINES FINAL REPORT FEB 1968
NON WAVELENGTH METHODS OF MILLIMETER WAVE TRANSMISSION FINAL REPORT JUNE 1968
RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION
RESEARCH ON ATMOSPHERIC OPTICAL RADIATION TRANSMISSION
A COMPUTER-AIDED INSTRUCTIONAL SYSTEM FOR TRANSMISSION LINE SIMULATION
A REALIZABILITY THEORY FOR SMOOTH LOSSLESS TRANSMISSION LINES
HEAVILY DOPED SILICON AS A LOW TEMPERATURE TRANSMISSION FILTER FOR THE FAR INFRARED
SPECIALIZED JUNCTIONS INVOLVED IN ELECTRICAL TRANSMISSION BETWEEN NEURONS
RESEARCH DIRECTED TOWARD THE STUDY OF INFRARED TRANSMISSION THROUGH VARIOUS ATMOSPHERES FINAL REPORT DEC 1966
COUPLING OF OPTO-ELECTRONIC DEVICES BY A THIN-FILM TRANSMISSION LINE
PREPARATION OF THIN SECTIONS BY ION HOLOGRAPHY FOR TRANSMISSION ELECTRON MICROSCOPY
QUANTITATIVE STUDY OF DISPERSED PARTICLE STATISTICS WITH TRANSMISSION ELECTRON MICROSCOPY
STUDY OF THE EFFECTS OF ATMOSPHERIC PARAMETERS ON INFRARED TRANSMISSION MEASUREMENTS AND THE EFFECTS ON NON-THERMAL OR
RANDOM SCATTERING OF QUASIMONOCROMATIC RADIATION IN A LONG TRANSMISSION LINE
A STOCHASTIC MODEL OF MESSAGE INTERCHANGE ON A CHANNEL WITH TRANSMISSION DELAY
STUDY OF ATMOSPHERIC CONSTITUENTS AND STRUCTURE BY MEASUREMENT OF TRANSMISSION AND ABSORPTION OF MILLIMETER WAVES OF
APPLICATION OF ELECTROMAGNETIC THEORY TO RADIATING AND NON-RADIATING TRANSMISSION LINES FINAL REPORT MAY 1968
INVESTIGATION OF GRAIN BOUNDARY ENERGIES IN ERBIUM OXIDE THIN FILLS BY TRANSMISSION ELECTRON MICROSCOPY
AN EXPERIMENTAL STUDY OF AN ELECTRICALLY THICK TUBULAR MONOPOLE ANTENNA DRIVEN BY A COAXIAL TRANSMISSION LINE

AFCL67-0314
AFCL67-0505
AFCL67-0624
AFCL67-0338
AFOSR68-0608
AFOSR68-0526
AFOSR67-0557
AFOSR67-2147
AFOSR68-1158
AFOSR68-2838
ARL 68-0242
AFCL67-0197
AFOSR67-1113
ARL 67-1150
AFCL67-0350
AFOSR68-0593
AFOSR68-1346
AFCL67-0707
AFCL68-0186
AFOSR68-1658
AFOSR67-1317
AFOSR67-1343
AFOSR67-1491
AFCL67-0507
AFOSR67-0202
ARL 67-0249
AFOSR68-2658
AFCL68-0008
AFCL67-0353
AFOSR67-2130
AFCL67-0548
AFCL68-0262
AFOSR68-2402
AFCL67-0406

TRANSMISSIONS

STUDIES OF THE EQUATORIAL IONOSPHERE USING TRANSMISSIONS FROM ACTIVE SATELLITES FINAL REPORT SEPT 1967

AFCL68-0020

TRANSMITTANCE

ATMOSPHERIC TRANSMITTANCE STUDIES FINAL REPORT APR 1968
HIGH ALTITUDE ATMOSPHERIC TRANSMITTANCE AS OBSERVED OVER NORTHERN CALIFORNIA

AFCL68-0278
AFCL68-0505

TRANSMITTED

CALCULATIONS OF REFLECTED AND TRANSMITTED RADIANCE FOR FAIRLY ATMOSPHERE
INFLUENCE OF SINGLE SCATTERING ALBEDO ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS
INFLUENCE OF PARTICLE SIZE DISTRIBUTION ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS

AFCL67-0589
AFCL67-0450
AFCL67-0428

TRANSMITTER

PHOTON NUMBER CAUSED BY A CLASSICAL TRANSMITTER
A HIGH-POWER UNIFORM RADIO-FREQUENCY TRANSMITTER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
EFFECT OF DIRECTLY AND INDIRECTLY ACTING SYMPATHOMIMETIC AMINES ON ADRENERGIC TRANSMITTER GRANULES

AFOSR67-2327
AFOSR68-1687
AFOSR68-2779

TRANSMITTING

EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS

AFCL67-0687
AFCL68-0586

TRANSONIC

TRANSONIC APPROXIMATIONS FOR REACTING MIXTURES
SOLUTION OF THE TRANSONIC AIRFOIL PROBLEM THROUGH PARAMETRIC DIFFERENTIATION
SMALL PERTURBATIONS TRANSONIC AND HYPER-CRITICAL FLOWS WITH SHOCKS FINAL REPORT AUG 1966
RESEARCH OF TWO-DIMENSIONAL TRANSONIC FLOW PATTERNS OF COMP FLUIDS FINAL REPORT OCT 1968
ON NUMERICAL CALCULATION OF TRANSONIC FLOW PATTERNS
COMPUTATION OF AXIAL-SYMMETRIC TRANSONIC SWIRL FLOWS BY THE UNSTEADY FLOW APPROACH
NEAR-FIELD SOLUTION FOR NON-EQUILIBRIUM TRANSONIC FLOW AROUND A CORNER
LAMINAR HEAT TRANSFER TO A TWO DIMENSIONAL HEUNT FLAT NOSED BODY IN TRANSONIC AND SUPERSONIC FLOW
APPLICATION OF THE HEUNT CHAILING EDGE BLADE CONCEPT TO LOW HUB TIP RATIO TRANSONIC SUPERSONIC COMPRESSORS FINAL

AFOSR67-0470
AFOSR67-1166
AFOSR67-0394
AFOSR68-2472
AFOSR68-2600
ARL 68-0070
AFOSR67-1098
ARL 68-0014
ARL 68-0110

TRANSPARENT

AN OPTICALLY TRANSPARENT THIN LAYER ELECTROCHEMICAL CELL
A SIMPLIFIED MODEL FOR THERMAL SHOCK AND SPALLATION IN PARTIALLY TRANSPARENT PLASTIC MATERIALS UNDER ENERGETIC

AFOSR68-0209
AFOSR68-1552

TRANSPIRATION

TRANSPIRATION COOLING OF A NON-HEATED ELECTRIC-ARC HEATER
THE FLUID TRANSPIRATION ARC AS A RADIATION SOURCE FOR SOLAR SIMULATION
THE FLUID TRANSPIRATION ARC AS A RADIATION SOURCE FOR SOLAR SIMULATION
EXPERIMENTAL STUDY OF DEPENDENT TRANSPIRATION AT AN ORIFICE IN HEATED FLOW
ENERGY TRANSFER AND ELECTRON CONDUCTION IN THE FLUID TRANSPIRATION ARC

ARL 68-0339
AFOSR67-2381
AFOSR68-0762
AFOSR68-1927
AFOSR67-0769

TRANSPIRATION-COOLED

EXPERIMENTAL STUDY OF A TRANSPIRATION-COOLED, CONSTRICTED ARC

ARL 68-0023

TRANSPORT

TRANSPORT OF CHARGED PARTICLES THROUGH GASES AND PLASMAS FINAL REPORT MAR 1968
TRANSPORT PROPERTIES IN MAGNETOHYDRODYNAMICS
TRANSPORT PHENOMENA IN THE SIMPLE METALS
TRANSPORT OF BIOLOGICAL AMINES AS AN ELEMENT IN DRUG ACTION

AFCL68-0144
AFOSR67-1039
AFOSR67-2131
AFOSR68-0602

TRANSPORT OF HEAT IN A TYPE I SUPERCONDUCTION BY A MOVING MAGNET
 TRANSPORT COEFFICIENTS OF DEGENERATE PLASMA
 TRANSPORT PROPERTIES OF A FERMI LIQUID
 TRANSPORT PROPERTIES OF GASES
 TRANSPORT PROPERTIES AND TURBULENCE IN MAGNETOPLASMAS
 MASS TRANSPORT ANALYSIS FOR OPTICAL RIPENING AND RELATED PHENOMENA
 PLASMA TRANSPORT AND STABILITY IN A MINIMUM-B MAGNETIC FIELD FINAL REPORT APRIL 1967
 CHEMICAL TRANSPORT IN NONCONVECTIVE SYSTEMS
 NON-LINEAR TRANSPORT PHENOMENA AND CONTACT PROBLEMS IN II-VI COMPOUNDS
 RESEARCH ON TRANSPORT AND TRANSFORMATION IN CONTINUA FINAL REPORT DEC 1966
 PERISTALTIC TRANSPORT
 IONIC HEATS OF TRANSPORT IN INFINITE DILUTE AQUEOUS SOLUTIONS
 ANOMALOUS PLASMA TRANSPORT IN RF DISCHARGES
 AMBIPOLAR CARRIER TRANSPORT AND SURFACE RECOMBINATION VELOCITY IN SEMICONDUCTOR SURFACE LAYERS
 SUCRASE AND SUGAR TRANSPORT IN THE SMALL INTESTINE
 FINITE-TEMPERATURE TRANSPORT PROPERTIES OF NORMAL FERMI SYSTEMS III DISSIPATIVE EFFECTS IN A SIMPLE PERTURBATIVE MODEL
 EVALUATION OF SOME TRANSPORT INTEGRALS II
 RESEARCH REPORT ON TRANSPORT THEORY FOR MULTI-COMPONENT PLASMA
 ON ANOMALOUS PLASMA TRANSPORT IN R F DISCHARGES
 DETERMINATION OF LOSS AND TRANSPORT IN THE NIGHT-TIME F- REGION FROM BACKSCATTER N-M PROFILES
 THE MEASUREMENT OF PLASMA TRANSPORT PROPERTIES
 EFFECTS OF PRESSURE ON THE TRANSPORT OF IONS THROUGH ROTATING HELIUM II
 METHODS FOR DETERMINATION OF TRANSPORT COEFFICIENTS FROM HIGH POWER ARCS FINAL REPORT OCT 1967
 STUDIES IN STELLAR EVOLUTION V TRANSPORT COEFFICIENTS OF DEGENERATE STELLAR MATTER
 NONCORRELATION OF ANOMALOUS PLASMA TRANSPORT EQUILIBRIUM PLASMA DENSITY AND LOW-FREQUENCY POTENTIAL OSCILLATIONS IN A
 AN EXPERIMENTAL INVESTIGATION OF THE TRANSPORT PROPERTIES OF ARGON IN A PULSED, HIGH CURRENT ARC
 REFORMULATION OF THE REPRESENTATION OF TRANSPORT COEFFICIENTS USING THE AUTOCORRELATION-FUNCTION FORMALISM AND THE
 SUM RULES KRAMERS-KRONIG RELATIONS AND TRANSPORT COEFFICIENTS IN CHARGED SYSTEMS
 PRESSURE-TEMPERATURE EFFECTS ON CHARGE TRANSPORT IN TRANSITION-METAL OXIDES FINAL REPORT MAY 1968
 THE INFLUENCE OF A MAGNETIC FIELD ON THE TRANSPORT PROPERTIES OF POLY-ATOMIC GASES A COMPARISON OF THEORY WITH
 STATISTICAL MECHANICAL THEORIES OF LIQUID TRANSPORT
 EMPIRICAL DETERMINATION OF SCATTERED LIGHT TRANSPORT THROUGH THE LOWER ATMOSPHERE
 UPPER AND LOWER BOUNDS FOR SOLUTIONS TO THE TRANSPORT EQUATION
 CURRENT RESEARCH ON THE DEFECT STRUCTURE AND TRANSPORT PROPERTIES OF COMPOUND SEMICONDUCTORS AT AIR
 STUDIES ON INTESTINAL SUCRASE AND INTESTINAL SUGAR TRANSPORT VI LIGATION OF ALPHA-GLUCOSE BY SUCRASE AND ISOMALTASE
 STUDIES ON INTESTINAL SUCRASE AND ON INTESTINAL SUGAR TRANSPORT V ISOLATION AND PROPERTIES OF SUCRASE-ISOMALTASE FROM
 COMMENTS ON THE EXPERIMENTAL AND THEORETICAL STUDY OF TRANSPORT PHENOMENA IN SIMPLE LIQUIDS
 MATHEMATICAL ANALYSIS OF LANDIS-TYPE EXPERIMENTS ON THE TRANSPORT OF FLUID ACROSS THE WALLS OF CAPILLARY BLOOD VESSELS
 VACUUM ULTRAVIOLET RADIATION AS AN IMPORTANT MEANS OF ENERGY TRANSPORT IN A PLASMA
 ON THE USE OF IONIZATION LEVEL AS AN INDEPENDENT VARIABLE FOR PLOTTING PLASMA TRANSPORT PROPERTIES
 EFFECT OF RESONANCE SCATTERING AND IMPURITY CORRELATIONS ON THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF SUPER

AFOSR68-1448
 AFOSR68-2499
 AFOSR68-2536
 ARL 68-1072
 ARL 68-1447
 AFOSR67-2367
 AFOSR67-1765
 AFOSR67-0508
 ARL 67-1309
 AFOSR67-0401
 AFOSR67-2285
 ARL 67-1001
 AFOSR67-1595
 AFOSR67-2269
 AFOSR68-0654
 AFOSR67-0086
 AFOSR67-1231
 AFOSR68-2010
 AFOSR67-1175
 AFOSR67-2662
 ARL 68-1130
 AFOSR67-1739
 ARL 67-0219
 AFOSR67-1134
 AFOSR68-0741
 ARL 68-1128
 AFOSR68-0046
 AFOSR68-0488
 AFOSR68-0982
 AFOSR68-0667
 AFOSR68-2724
 AFOSR68-0256
 AFOSR67-0380
 ARL 68-1156
 AFOSR68-0195
 AFOSR68-0194
 AFOSR68-2030
 AFOSR68-2356
 ARL 68-1184
 ARL 68-0269
 AFOSR68-0424

TRANSVERSAL

SUFFICIENCY PROOFS FOR THE PROBLEM OF THE OPTIMUM TRANSVERSAL CONTOUR

AFOSR67-1596

TRANSVERSE

TRANSVERSE ANTENNA FEED STUDY FINAL REPORT MAY 1968
 TRANSVERSE ULTRASONIC ATTENUATION IN GASES SUPERCONDUCTORS
 INFLUENCE OF TRANSVERSE SHEAR AND EDGE COMBINATION ON NONLINEAR VIBRATION AND DYNAMIC BUCKLING OF HOMOGENEOUS AND
 JUMPS ACROSS TRANSVERSE IONIZING AND SHOCK WAVES IN REAL HYDROGEN USING A COMPRESSION AS A PARAMETER AN EXPLICIT
 EXPERIMENTS ON TRANSVERSE IONIZING AND SHOCK WAVES FINAL REPORT MAY 1967
 LONGITUDINAL AND TRANSVERSE DIFFUSION COEFFICIENTS OF MASS-IDENTIFIED N AND N2 POSITIVE IONS IN NITROGEN
 ELECTRIC ARCS IN TRANSVERSE MAGNETIC FIELDS FINAL REPORT NOVEMBER 1964
 ELECTRIC ARCS IN TRANSVERSE MAGNETIC FIELDS
 ELECTRIC ARC DISCHARGES IN TRANSVERSE MAGNETIC FIELDS - PART I FINAL REPORT JUNE 1967
 IONIZING DETONATION WAVES IN TRANSVERSE ELECTROMAGNETIC FIELDS
 COMPARISON OF OBLIQUE NORMAL AND TRANSVERSE IONIZING SHOCK WAVES
 PENETRATION AND INTERACTION OF A TRANSVERSE JET AND A SUPERSONIC STREAM FINAL REPORT MAY 1968
 CRITICAL DATA OF NITROGEN NITRIDE IN TRANSVERSE MAGNETIC FIELDS
 A STUDY OF ARC DISCHARGE SHAPES IN A TRANSVERSE MAGNETIC FIELD
 INTERACTIONS OF FREE-BURNING ARCS WITH TRANSVERSE GAS FLOWS AND MAGNETIC FIELDS
 INTERACTIONS OF AN ELECTRIC ARC PLASMA WITH TRANSVERSE MAGNETIC FIELDS AND GAS FLOWS, FINAL REPORT APR 1968
 EXPERIMENTAL INVESTIGATION OF AN ELECTRIC ARC IN TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS
 EXPERIMENTAL INVESTIGATIONS OF AN ELECTRIC ARC IN TRANSVERSE AERODYNAMIC AND MAGNETIC FIELDS
 ON ARC BURNING AND THE MOTION OF ELECTRIC ARCS IN A TRANSVERSE MAGNETIC FIELD
 TWO MODES OF MOMENTUM TRANSFER FOR A STATIONARY ARC IN A TRANSVERSE MAGNETIC FIELD
 THE INTERACTION BETWEEN ELECTRIC ARC COLUMNS AND PARALLEL OR TRANSVERSE GAS FLOW

AFOSR68-0279
 AFOSR67-0038
 AFOSR67-1011
 SRL 68-0006
 SRL 67-0006
 AFOSR68-2682
 ARL 68-0211
 ARL 68-1002
 ARL 67-0119
 AFOSR67-1679
 AFOSR67-2430
 AFOSR68-1410
 AFOSR67-2589
 ARL 67-1195
 ARL 67-0057
 ARL 68-0074
 ARL 67-0237
 ARL 67-1073
 ARL 67-0129
 ARL 68-1333
 ARL 68-1320

TRAP

A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENT OR CONDUCTIVITY GLOW CURVES/
 A NEW METHOD FOR DETERMINING ELECTRON TRAP ENERGIES FROM THERMOLUMINESCENCE OR CONDUCTIVITY GLOW CURVES

ARL 68-1017
 ARL 68-1173

TRAP-CONTROLLED

CURRENT SATURATION AND TRAP-CONTROLLED ELECTRON DRIFT MOBILITY IN PHOTOCONDUCTIVE CDS

AFOSR67-0581

TRAPPED

TRAPPED FRICITION STATES IN THE ALKALI HALIDES
 ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE CH SUB3 SH SUB3 GEH SUB3 AND SHH SUB3
 ESR OF FREE RADICALS TRAPPED IN INERT MATRICES AT LOW TEMPERATURE P PH SUB2 AND AS
 A SEARCH FOR ALPHA PARTICLES TRAPPED IN THE GEOMAGNETIC FIELD

AFOSR67-1155
 AFOSR67-0013
 AFOSR67-0014
 AFOSR67-2527

TRAPPING

TRAPPING STATES IN STRIPPING REACTIONS
 HOLE TRAPPING AND THE IONIZATION ENERGY OF NATIVE ACCEPTOR CENTERS IN AGBR
 FLUX TRAPPING OF RF FIELDS IN SUPERCONDUCTORS
 STUDY OF TRAPPING PROPERTIES AND IR STIMULABILITY OF ZINC SULPHIDE
 STUDY OF TRAPPING PROPERTIES AND IR EXITATION OF ZINC SULPHIDE
 COMPETITIVE TRAPPING IN SODIUM DISILICATE GLASSES DOPED WITH TRIVALENT EUROPIUM
 DETECTION AND IDENTIFICATION OF SHORT-LIVED FREE RADICALS BY AN ELECTRON SPIN RESONANCE TRAPPING TECHNIQUE

AFOSR68-1280
 AFOSR67-0011
 AFOSR67-0749
 ARL 67-0277
 ARL 67-1298
 AFOSR67-0012
 AFOSR68-2467

TRAPS

F AND M TRAPS IN ALKALI HALIDES STUDIED BY MEANS OF PHOTOSTIMULATED THERMOLUMINESCENCE
 OPTICAL STUDIES OF DEEP ELECTRON TRAPS IN CAP

AFOSR67-1342
 ARL 68-1160

TRAVEL

TRAVEL TIMES APPARENT VELOCITIES AND AMPLITUDES OF ROOT WAVES
 THE TRAVEL TIMES OF P WAVES TO 30 DEGREES IN THE CENTRAL UNITED STATES AND UPPER MANTLE STRUCTURE FINAL REPORT JULY
 ON THE TRAVEL TIMES OF P AS OBTAINED FROM TWO NUCLEAR EXPLOSIONS BILBY AND SHOAL

AFOSR68-1449
 AFOSR67-1604
 AFOSR67-2855

| | | |
|---|-------------|--------------|
| TRAVEL | - CONTINUED | |
| P AND S TRAVEL TIME ANOMALIES AND THEIR INTERPRETATION | | AFCL67-0265 |
| AN ANALYSIS OF THE TRAVEL TIMES OF S WAVES TO NORTH OPGREES | | AFCL67-0264 |
| CRUSTAL STRUCTURE OF THE MEDITERRANEAN SEA PART II PHASE VELOCITY AND TRAVEL TIMES | | AFOSR67-2415 |
| PROPAGATION OF DISTURBANCES IN A GUTENBERG-BULLEN A SPHERICAL EARTH MODEL TRAVEL TIMES AND AMPLITUDES OF S WAVES | | AFCL67-0291 |
| TRAVELLING | | |
| RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL I THE DEVELOPMENT OF A CW TRAVELING WAVE ACCELERATOR FOR THE | | AFOSR67-0979 |
| TRAVELLING | | |
| ONE-DIMENSIONAL ANALYSIS OF A TRAVELLING WAVE ACCELERATOR | | AFOSR67-0363 |
| THE INVESTIGATION OF SILICON CARBIDE BY A TRAVELLING SOLVENT METHOD FINAL REPORT APR 1967 | | AFCL67-0271 |
| INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SiC BY THE TRAVELLING SOLVENT AND OTHER METHODS FINAL REPORT APR 1968 | | AFCL67-0288 |
| INVESTIGATION OF THE GROWTH OF SINGLE CRYSTAL SILICON CARBIDE BY THE TRAVELLING SOLVENT AND OTHER METHODS | | AFCL67-0509 |
| TRAVERSED | | |
| DISTORTION OF A SHOCK WAVE TRAVERSED BY A VORTEX | | AFOSR67-0127 |
| TREATED | | |
| THE EFFECT OF COLD EXPOSURE ON THE CATECHOLAMINE EXCRETION OF RATS TREATED WITH DECABORANE | | AFOSR67-0502 |
| FURTHER STUDIES ON MONOAMINE METABOLISM AND BEHAVIOUR IN RABBITS CHRONICALLY TREATED WITH RESERPINE | | AFOSR67-2274 |
| TREATING | | |
| THE USE OF THE FIRST-ORDER RATE EQUATION IN TREATING KINETIC DATA | | AFOSR67-0539 |
| TREATMENT | | |
| TREATMENT OF THE EFFECT OF EXCLUDED VOLUME AND DEDUCTION OF UNPERTURBED DIMENSIONS OF POLYMER CHAINS (CONFIGURATIONAL | | AFOSR67-0240 |
| HEAT TREATMENT EFFECTS ON SOME PHYSICAL PROPERTIES OF METALLIC SINGLE CRYSTALS | | AFOSR66-1716 |
| A GENERAL TREATMENT OF CURRENT ALGEBRA | | AFOSR66-1259 |
| A UNIFORM TREATMENT OF DARBOUX'S METHOD | | ARL 66-0106 |
| ANALYTICAL TREATMENT OF THE EXPLOSION PROBLEM | | ARL 66-1384 |
| AN ALGEBRAIC TREATMENT OF FLUCTUATIONS OF SUMS OF RANDOM VARIABLES | | AFOSR66-1642 |
| EFFECT OF HEAT TREATMENT ON THE RESISTIVITY OF SiC-GRASS | | AFOSR66-0806 |
| SELF-CONSISTENT TREATMENT OF THE KOND EFFECT | | AFOSR66-1714 |
| INTEGRAL EQUATION TREATMENT OF THE LINEARIZED THEORY OF ELECTROSTATIC PLASMA OSCILLATIONS | | ARL 66-0239 |
| INTEGRAL EQUATION TREATMENT OF THE LINEARIZED VLASOV EQUATION THEORY | | ARL 66-1474 |
| APPROXIMATE LEAD-NO TREATMENT OF CONJUGATED POLYMERS | | AFOSR66-1984 |
| A GENERALIZED GALERKIN-KANTOROVICH TREATMENT OF TRANSIENT EVAPORATION THROUGH A FINITE REGION | | ARL 66-0039 |
| AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF CADMIUM SULFIDE SINGLE-CRYSTAL PLATELETS | | ARL 67-0231 |
| AN IMPROVED FURNACE FOR THE GROWTH AND TREATMENT OF II-VI COMPOUND SINGLE CRYSTAL PLATELETS | | ARL 67-0269 |
| THEORY OF EXCITONS IN LIQUIDS IV A SIMPLIFIED TREATMENT OF THE SHIFT AND DAMPING OF POLARIZATION WAVES | | ARL 66-1977 |
| GROUND STATES OF SIGMA-BONDED MOLECULES I A SEMIEMPIRICAL SCF MO TREATMENT OF HYDROCARBONS | | ARL 67-1733 |
| SELECTIVE PROTECTION OF 4-HYDROXYTRYPTAMINE STORES AGAINST THE ACTION OF RESERPINE BY TREATMENT WITH | | AFOSR66-0606 |
| CATECHOLAMINE EXCRETION IN ADRENOMEDULLATED RATS EXPOSED TO COLD AFTER CHRONIC GUANETHIDINE TREATMENT | | AFOSR67-0501 |
| TREATMENTS | | |
| SOME ANALYTICAL TREATMENTS OF ELECTROFLUIDDYNAMIC PROCESSES | | ARL 66-1365 |
| TREE | | |
| AN ADAPTIVE TREE PRUNING SYSTEM A LANGUAGE FOR PROGRAMMING HEURISTIC TREE SEARCHES | | AFOSR66-0038 |
| TREES | | |
| TREES AND NEST STRUCTURES | | AFOSR67-1504 |
| GENERATION OF COMPLETE TREES | | AFOSR66-2413 |
| ON THE REPRESENTATION OF LIMITED INFORMATION BY MEANS OF PICTURES TREES AND ENGLISH-LIKE SENTENCES | | AFOSR66-1343 |
| TRENDS | | |
| TRENDS IN CHEMISORBED STRUCTURES ON γ -Fe(110) SURFACES OF FCC REFRACTORY METALS | | ARL 67-1129 |
| ELECTROFLUIDDYNAMIC POWER GENERATION: TRENDS AND EXPECTATIONS | | ARL 67-1079 |
| AN EXPLORATORY REVIEW AND CRITIQUE OF THE LITERATURE RELATING TO TRENDS AND CHANGES IN HIGHER EDUCATION FINAL REPORT | | AFOSR66-1547 |
| TRI-TELLURIDE | | |
| DE HAAS - VAN ALPHEN SUSCEPTIBILITY MEASUREMENTS ON P-TYPE ANTIMONY TRI-TELLURIDE | | AFOSR66-0152 |
| TRIALKYL | | |
| ORGANOPHOSPHORUS CHEMISTRY IV THE REACTIONS OF TRIALKYL PHOSPHITES WITH ALPHA-HALO KETONES | | AFOSR67-1703 |
| TRIANGULAR | | |
| SETS OF NEARLY TRIANGULAR MATRICES | | AFOSR66-2607 |
| TRIANION | | |
| A ONE-STEP HIGH YIELD SYNTHESIS OF NONDECAHYDRO EICOSABORANE TRIANION | | AFOSR66-1726 |
| TRIATOMIC | | |
| STUDIES OF UNIMOLECULAR REACTIONS OF TRIATOMIC MOLECULES | | ARL 67-1091 |
| TRICARBONYL | | |
| STRUCTURE OF THIOPHENECROMIUM TRICARBONYL | | AFOSR67-0726 |
| THE STRUCTURE OF HEXAMETHYLBENZENECROMIUM TRICARBONYL WITH COMMENTS ON THE DIBENZENECROMIUM STRUCTURE | | AFOSR67-0741 |
| VALANCE TAUTOMERISM IN CYCLOOCTATETRAENERUTHENIUM TRICARBONYL | | AFOSR67-2290 |
| THREE-DIMENSIONAL CRYSTAL STRUCTURE OF BENZENECROMIUM TRICARBONYL WITH FURTHER COMMENTS ON THE DIBENZENECROMIUM | | AFOSR67-0725 |
| TRICHLORIDE | | |
| THE LUMINOUS CHARACTERISTICS OF CYANOGEN-OXYGEN-BORON TRICHLORIDE DIFFUSION FLAMES | | ARL 66-0177 |
| A STUDY OF THE PREMIXED FLAME OF CYANOGEN-OXYGEN-BORON TRICHLORIDE AS A LUMINOUS SOURCE | | ARL 66-1074 |
| CHEMISTRY OF THE METAL CARBONYLS PART XL CARBOXYLATION OF RUTHENIUM TRICHLORIDE | | AFOSR67-2787 |
| MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS OF THE CYANOGEN-OXYGEN-BORON TRICHLORIDE FLAME SYSTEM | | ARL 66-0327 |
| MEASUREMENT OF ILLUMINATION-SOURCE-RELATED CHARACTERISTICS OF THE CYANOGEN-OXYGEN-BORON TRICHLORIDE FLAME SYSTEM | | ARL 66-1082 |

| | |
|--|--|
| TRICHLOROIODINE | |
| TRIANTHRENE TRICHLOROIODIDE | AFOSR66-2777 |
| TRICOBALT | |
| ORGANOMETALLIC SULFUR COMPLEXES VI THE MOLECULAR STRUCTURE A TRICYCLIC COMPLEX TRICOBALT ENNEACARBONYL SULFIDE | AFOSR67-1714 |
| TRICYCLIC | |
| ORGANOMETALLIC SULFUR COMPLEXES VI THE MOLECULAR STRUCTURE A TRICYCLIC COMPLEX TRICOBALT ENNEACARBONYL SULFIDE
THE REACTION OF CHLOROSULFONYL ISOCYANATE WITH BRIDGED RI-AND TRICYCLIC OLFFINS | AFOSR67-1714
AFOSR66-0664 |
| TRIDENT | |
| DOUBLE-COINCIDENCE TRIDENT EXPERIMENTS | AFOSR66-0133 |
| TRIDUTEROMETHANOL | |
| SOLVENT ISOTOPE EFFECTS FOR TRIDUTEROMETHANOL VS METHANOL FINAL REPORT NOV 1967 | AFOSR67-2791 |
| TRIFETHYL | |
| POLYMERIZATION OF STYRENE WITH TITANIUM CHLORIDE TRIFETHYL ALUMINUM VANADIUM CHLORIDE TRIFETHYL ALUMINUM CATALYSTS
POLYMERIZATION OF VINYL CYCLOHEXANE WITH TITANIUM CHLORIDE TRIFETHYL ALUMINUM CATALYSTS
POLYMERIZATION OF STYRENE WITH TITANIUM CHLORIDE TRIFETHYL ALUMINUM VANADIUM CHLORIDE TRIFETHYL ALUMINUM CATALYSTS | AFOSR67-2663
AFOSR67-2664
AFOSR67-2663 |
| TRIFETHYLAMINE-DORANE | |
| PREPARATION AND PROPERTIES OF MONOSUBSTITUTED TRIFETHYLAMINE-DORANES | AFOSR67-0768 |
| TRIFETHYLAMINE-DORANE | |
| THE ENTHALPY OF FORMATION OF TRIFETHYLAMINE-DORANE | AFOSR66-1245 |
| TRIFENILMETANO | |
| MONO Y DIRADICALS LINES INVENTES PERCLORATES DE LA SERIE DEL TRIFENILMETANO | ARL 67-1095 |
| TRIFLUORIDE | |
| THE HEAT OF FORMATION OF BORON TRIFLUORIDE BY DIRECT COMBINATION OF THE ELEMENTS
MAGNETIC SUSCEPTIBILITY OF URANIUM TRIFLUORIDE IN THE RANGE 2-300 DEGREES K
MEASURED RELATIVE ENTHALPY OF ANHYDROUS CRYSTALLINE ALUMINUM TRIFLUORIDE FROM 273 TO 1173 DEGREES K AND DERIVED
NUCLEAR MAGNETIC RELAXATION OF $P-19$ IN BARE EARTH DOPED LANTHANUM TRIFLUORIDE
H AND F NUCLEAR MAGNETIC RESONANCE SPECTRA OF THE ADDUCT $BF_3 \cdot 3H_2O$ /BORON TRIFLUORIDE - MONOHYDRATE/
MAGNETIC FIELD-DEPENDENT ELASTIC EFFECTS IN THE CURIE ANTIFERROMAGNET /RUBIDIUM MANGANESE TRIFLUORIDE/ | AFOSR67-2017
AFOSR67-1508
AFOSR67-2014
AFOSR66-2491
AFOSR67-1270
AFOSR67-2731 |
| TRIFLUORIDE-METHANOL | |
| A NUCLEAR MAGNETIC RESONANCE STUDY OF EXCHANGE RE ACTIONS IN THE SYSTEM BORON TRIFLUORIDE-METHANOL A MODIFIED | AFOSR67-2478 |
| TRIFLUORINE | |
| THE LOW-PAIR MODEL AND THE VIBRATIONAL FORCE CONSTANTS OF NITROGEN TRIFLUORINE | AFOSR67-0641 |
| TRIFLUOROACETATE | |
| ELECTRON SPIN RESONANCE OF AN IRRADIATED SINGLE CRYSTAL OF AMMONIUM TRIFLUOROACETATE | AFOSR67-1476 |
| TRIFLUOROMETHYL | |
| THE NATURE OF THE PRODUCT FROM THE REACTION BETWEEN OCTACARBONYLDICOBALT AND BIS /TRIFLUOROMETHYL/ DITHIETEN | AFOSR67-0604 |
| TRIFLUORONITROMETHAN | |
| ELECTRON SPIN RESONANCE STUDY OF THE ELECTROLYSIS OF TRIFLUORONITROSOMETHANE & TRIFLUORONITROMETHANE | AFOSR68-2873 |
| TRIFLUORONITROSOMETH | |
| ELECTRON SPIN RESONANCE STUDY OF THE ELECTROLYSIS OF TRIFLUORONITROSOMETHANE & TRIFLUORONITROMETHANE | AFOSR68-2873 |
| TRIFLUOROSILYL TETRAC | |
| THE MASS SPECTRUM OF TRIFLUOROSILYL TETRACARBONYLCOBALT | AFOSR68-2517 |
| TRIFLUORSULFATE | |
| THE FLUOROSULFURIC ACID SOLVENT SYSTEM V IODINE TRIFLUORSULFATE | AFOSR67-0543 |
| TRIGGERING | |
| SOLID EARTH TIDES AS A TRIGGERING MECHANISM FOR EARTHQUAKES | AFOSR67-2708 |
| TRIGONAL-BIPYRAMIDAL | |
| THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL /II/ CYANIDE COMPLEX CONTAINING THE TETRADENTATE LIGAND TRIS/3- | AFOSR67-2172 |
| TRIMALIDES | |
| INFRARED SPECTRA AND STRUCTURE OF PHOSPHINE AND SUBSTITUTED PHOSPHINE COMPLEXES OF GALLIUM TRIMALIDES | AFOSR68-1531 |
| TRIMALACETATES | |
| THE THERMAL DECOMPOSITION OF ORGANOMETALLIC HEAVY METAL TRIMALACETATES IN THE PRESENCE OF OLFFINS | AFOSR66-1911 |
| TRIMALOMETHYL | |
| HALOMETHYL-METAL COMPOUNDS VIII THE REACTION OF PHENYL /TRIMALOMETHYL/ MERCURY COMPOUNDS WITH HYDROGEN CHLORIDE
HALOMETHYL-METAL COMPOUNDS XII THE ACTION OF SODIUM IODIDE ON PHENYL /TRIMALOMETHYL/ MERCURY COMPOUNDS A NEW METHOD OF | AFOSR67-1295
AFOSR67-0796 |
| TRIMERIC | |
| ORGANOMETALLIC SULFUR COMPLEXES X STRUCTURAL AND BONDING CHARACTERIZATION OF A TRIMERIC MERCAPTOCARBONYL CARBONYL | AFOSR66-2461 |
| TRIMETHYLAMINE | |
| INFRARED SPECTRA OF SOLID AND MATRIX-ISOLATED /CH3URISUB3H AND /SIBUSUB3HIN /TRIMETHYLAMINE PARADEUTERIOTRISILYLAMINE | AFOSR67-2089 |

| | |
|---|--------------|
| TRIMETHYLENEMETHANE | |
| TRIMETHYLENEMETHANE C/CH RUM 2 /SUR 3 | AFOSR68-2899 |
| TRIMETHYLENEMETHANE SUPER 1 | AFOSR68-2908 |
| TRIMETHYLPLATINUM | |
| THE HYDRATION NUMBER AND RATE OF WATER EXCHANGE OF THE TRIMETHYLPLATINUM IV ION IN AQUEOUS SOLUTION DETERMINED BY | AFOSR68-2884 |
| TRIMETHYLSILANE | |
| ATOMIC SILICON REACTION WITH TRIMETHYLSILANE | AFOSR68-2898 |
| TRINUTRON | |
| NOTE ON THE EXISTENCE OF THE TRINUTRON | AFOSR67-2196 |
| TRIODE | |
| HIGH-CURRENT TRIODE WITH NONINTERCEPTING CONTROL ELECTRODE | AFOSR68-1270 |
| TRIOXIDE | |
| PRESSURE DEPENDENCE OF VISCOSITY LIQUID NORDON TRIOXIDE | AFOSR68-2786 |
| AN INVESTIGATION OF METHODS OF PRODUCING SULFUR TRIOXIDE IN JET EXHAUSTS THROUGH ADDITION OF FUEL ADDITIVES TO JP4 | AFOSR68-0257 |
| TRIPHENYLMETHYL | |
| THE REVERSIBLE THERMAL DECOMPOSITION OF TRIPHENYLMETHYLPEROXY RADICAL TO TRIPHENYLMETHYL RADICAL AND OXYGEN | AFOSR67-1293 |
| TRIPHENYLMETHYLPEROX | |
| THE REACTION OF NITRIC OXIDE WITH TRIPHENYLMETHYLPEROXY RADICAL | AFOSR68-2868 |
| THE REVERSIBLE THERMAL DECOMPOSITION OF TRIPHENYLMETHYLPEROXY RADICAL TO TRIPHENYLMETHYL RADICAL AND OXYGEN | AFOSR67-1283 |
| TRIPHENYLPHOSPHINE | |
| KINETICS AND MECHANISM OF THE REACTION OF TRIPHENYLPHOSPHINE WITH ALPHA-MALONACETOPHENONES | AFOSR68-0695 |
| TRIPLER | |
| BIAS CHARACTERISTICS OF A GAS X-BAND-TO-OBAND INLINE FREQUENCY TRIPLER | AFOSR67-0020 |
| TRIPLET | |
| LIFETIME OF THE TRIPLET π CENTER IN ALKALI HALIDE CRYSTALS | AFOSR68-1116 |
| FLUORESCENCE AND TRIPLET STATE OF HEXAFLUOROBENZENE | AFOSR67-2360 |
| LOW-LYING EXCITED TRIPLET STATES AND INTERSYSTEM CROSSING IN AROMATIC HYDROCARBONS | APL 67-1089 |
| SOME COMMENTS ON THE PROPERTIES OF TRIPLET EXCITONS IN MOLECULAR CRYSTALS | AFOSR68-0430 |
| PRODUCTION OF MOLECULAR NITROGEN/A TRIPLET SIGMA/ AND CARBON MONOXIDE /A TRIPLET π / BY MERCURY PHOTOPHOTENSITIZATION | AFOSR68-1420 |
| SCALED AND CALCULATIONSON THE HYDROGEN MOLECULE I THE TRIPLET EXCITED STATE | AFOSR67-2281 |
| THERMOTICAL STUDIES OF TRANSANNULAR INTERACTIONS II THE TRIPLET STATES OF THE PARACYCLOPHANES | AFOSR67-0093 |
| PRODUCTION OF MOLECULAR NITROGEN/A TRIPLET SIGMA/ AND CARBON MONOXIDE /A TRIPLET π / BY MERCURY PHOTOPHOTENSITIZATION | AFOSR68-1420 |
| TRIPLET-STATE | |
| TRIPLET-STATE ELECTRON SPIN RESONANCE OF AN H-ATOM- METHYL-RADICAL COMPLEX IN A SOLID MATRIX | AFOSR67-0188 |
| TRIPLET-STATE YIELD OF FLUOROPHENYLENE BY THE SENSITIZATION OF THE ISOMERIZATION OF CIS-BUTENE-2 | AFOSR67-1497 |
| TRIPLY | |
| A PROCEDURE FOR CONFORMAL MAPPING OF TRIPLY - CONNECTED DOMAINS | AFOSR68-0304 |
| TRIS | |
| THE METAL ION PRODUCTION OF TRIS /24-PENTANEDIONATO/ CUREAL /III/ | APL 67-0077 |
| MASS SPECTRA OF ORGANOMETALLIC COMPOUNDS I METAL CARBONYL COMPLEXES OF TRIS /DIMETHYLAMINO/ PHOSPHINE | AFOSR68-1712 |
| TRISHEXAFLUOROACETYL | |
| GASE-FLAME TRISHEXAFLUOROACETYLACETONATES AND RELATED COMPOUNDS | APL 68-0321 |
| TRITIUM | |
| TRITIUM GEOPHYSICS FROM 1961-1967 NUCLEAR TESTS | AFOSR68-1250 |
| TRITOLYLPHOSPHINES | |
| CONFORMATIONAL ANALYSIS OF TRITOLYLPHOSPHINES | AFOSR67-2625 |
| TRIVALENT | |
| COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES III METAL CARBONYL COMPLEXES OF 9-PHENYL-9-PHOSPHABICYCLO /4.2.1/ | AFOSR68-0693 |
| COMPLEXES OF TRIVALENT PHOSPHORUS DERIVATIVES IV METAL CARBONYL COMPLEXES OF CIS-BIS-1 2-DIPHENYLPHOSPHINO/ ETHYLENE | AFOSR68-1709 |
| HIGH-FREQUENCY PARAMAGNETIC-RESONANCE STUDIES OF TRIVALENT OXYSPROSIUM IN CALCIUM FLUORIDE | AFOSR67-1009 |
| COMPETITIVE TRAPPING IN SODIUM DISILICATE GLASSES DOPED WITH TRIVALENT EUROBIUM | AFOSR67-0012 |
| MOST CRYSTAL EFFECTS ON THE ELECTRON PARAMAGNETIC RESONANCE OF EUROBIUM AND TRIVALENT YTTERBIUM IN II-VI COMPOUNDS | AFOSR67-0797 |
| TROPENIUMPERACETATE | |
| RADICAL-IONIC REACTION MECHANISMS HOMOLYSIS OF THE CARBONIUM ION T-BUTYL TROPENIUMPERACETATE | AFOSR67-0220 |
| TROPICAL | |
| THE TROPICAL UPPER TROPOSPHERIC TROUGH AS A SECONDARY SOURCE OF TYRONE AND A PRIMARY SOURCE OF TROPOLIN | AFOSR67-0203 |
| TROPINE | |
| SYNTHESIS OF ATROPINE LABELED WITH C14 IN THE TROPINE RING AND EFFECT OF COLD ACCLIMATION ON ATROPINE METABOLISM FINAL | AFOSR67-2030 |
| SYNTHESIS OF TROPINE-LABELED ATROPINE I MICRO METHODS FOR THE SYNTHESIS OF TROPINE AND FOR ITS ESTERIFICATION WITH | AFOSR67-2194 |
| TROPINE-LABELED | |
| TROPINE-LABELED ATROPINE METABOLISM IN MAN RADIOISOTOPE LABELED ATROPINE | AFOSR67-2120 |
| SYNTHESIS OF TROPINE-LABELED ATROPINE I MICRO METHODS FOR THE SYNTHESIS OF TROPINE AND FOR ITS ESTERIFICATION WITH | AFOSR67-2104 |

TROPINONE
CYCLOPROPANONES 7 REACTION OF 2-P-DIMETHYLCYCLOPROPANONE AND N-METHYLPYRROLE A NEW ENTRY INTO THE TROPINONE SERIES AFOSR66-2449

TROPOPAUSE
THUNDERSTORM PENETRATIONS OF THE TROPOPAUSE A CLIMATOLOGY AND A METHOD OF ESTIMATION FINAL REPORT AUG 1967 AFCL67-0471

TROPOSPHERE
AEROSOL MEASUREMENTS IN THE TROPOSPHERE AND STRATOSPHERE AFCL67-0003

TROPOSPHERIC
THE TROPICAL UPPER TROPOSPHERIC TROUGH AS A SECONDARY SOURCE OF TYPHOONS AND A PRIMARY SOURCE OF TRADEWIND A THEORETICAL STUDY OF TROPOSPHERIC RADIOWAVE PROPAGATION FINAL REPORT JAN 1967 AFCL67-0203
AFCL67-0112

TROUGH
THE TROUGH SEEN IN HIGH LATITUDE OBSERVATIONS OF THE IONOSPHERIC ELECTRON CONTENT AFCL67-0175
THE TROPICAL UPPER TROPOSPHERIC TROUGH AS A SECONDARY SOURCE OF TYPHOONS AND A PRIMARY SOURCE OF TRADEWIND AFCL67-0203

TRUNCATED
DYNAMICAL PROPERTIES OF TRUNCATED WIEENER-HERMITE EXPANSIONS AFOSR66-0890
CHARACTERIZATION OF NORMAL AND GENERALIZED TRUNCATED NORMAL DISTRIBUTIONS USING ORDER STATISTICS AFOSR67-0668

TRUNCATION
ON TRUNCATION ERRORS FOR CONTINUED FRACTION COMPUTATIONS AFOSR67-0357

TRUSS
DYNAMIC SNAP-THROUGH OF AN ELASTIC IMPERFECT SIMPLE SHALLOW TRUSS AFOSR67-2452

TUBE
A TUBE BEND TUNNEL FOR HIGH REYNOLDS NUMBER SUPERSONIC TESTING ARL 66-0031
SHOCK TUBE RESEARCH - ASTROPHYSICAL QUANTITIES FINAL REPORT FEB 1968 AFCL67-0194
SHOCK TUBE STUDIES OF IONIZED GASES FINAL REPORT AUG 1968 AFCL66-0829
AN ISENTROPIC COMPRESSION TUBE ARL 67-1223
THE ISENTROPIC COMPRESSION TUBE A NEW APPROACH TO GENERATING HYPERVELOCITY TEST FLOWS WITH LOW DISSOCIATION ARL 67-0133
FLOW OF A GASEIFIED GAS IN A TUBE OF ANNULAR SECTION AFOSR67-0137
CURRENT DIFFUSION IN A SHOCK TUBE WITH VARYING MAGNETIC FIELD AFOSR67-1906
DEVELOPMENT OF A HEATED SHOCK TUBE FINAL REPORT SEPT 1967 AFOSR67-2341
FREE MOLECULAR FLOW IN A CIRCULAR TUBE OF FINITE LENGTH ARL 67-1070
A MAGNETIC ANNULAR AND DRIVEN SHOCK TUBE AFOSR67-0418
FREE MOLECULAR FLOW THROUGH A CIRCULAR TUBE OF FINITE LENGTH ARL 66-0114
IONIZED MERCURY GAS IN THE HEATED SHOCK TUBE THE MEASUREMENT OF RELAXATION TIMES AND ABSOLUTE INTENSITIES FINAL REPORT AFOSR68-1930
GAS IONIZING SHOCK WAVE IN MAGNETIC SHOCK TUBE AFOSR67-1907
TRANSIENT NATURAL CONVECTION IN A VERTICAL TUBE WITH NON-AXISYMMETRIC WALL TEMPERATURE AFOSR67-1508
SPECTROGRAPHIC MEASUREMENTS OF ELECTRIC SHOCK TUBE FLOW AFOSR68-1077
EXPERIMENTAL STUDY ON ELECTROMAGNETICALLY DRIVEN SHOCK TUBE AFOSR68-2282
EVAPORATION OF SUPRACON PLATINUM PARTICLES IN A SHOCK TUBE ARL 68-0146
IONIZING SHOCK STUDIES IN AN ELECTROMAGNETICALLY DRIVEN SHOCK TUBE AFOSR67-1818
SOME NUMERICAL CALCULATIONS FOR AN ELECTRIC ARC IN A CYLINDRICAL TUBE ARL 68-0116
CALIBRATION OF THIN FILM RESISTANCE THERMOMETERS FOR HEAT FLUX MEASUREMENTS IN THE SHOCK TUBE ARL 67-0036
LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL PLUNT BASE FROM THE HIGH ENTHALPY FLOW IN THE SHOCK TUBE ARL 67-0121
THE SPASA ATMOSPHERIC ELECTRICITY DETECTION SYSTEM AS MODIFIED BY THE ADDITION OF THE IMAGE STORAGE TUBE AFCL67-0163

TURBS
NOTION OF A SHOCK WAVE THROUGH TUBES OF CONVERGING OR DIVERGING CROSS SECTION AFOSR67-0567
A SIMPLE VACUUM SEAL FOR NON-CIRCULAR TUBES AFOSR67-2075
ELASTIC BUCKLING AND PLASTIC COLLAPSE OF CIRCULAR TURBS UNDER HYDROSTATIC PRESSURE AFOSR67-2630
CONTINUOUS GAS MIXING BY THE USE OF CRITICAL FLOW THROUGH SMALL DIAMETER TUBES AFOSR67-1028
DYNAMIC TEMPERATURE MEASUREMENT DURING AXIAL IMPACT OF ANNEALED ALUMINUM TUBES AFOSR68-0826

TURBULENCE
AN EXPERIMENTAL STUDY OF AN ELECTRICALLY THICK TURBULAR MONOPOLE ANTENNA DRIVEN BY A COAXIAL TRANSMISSION LINE AFCL67-0406
CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN ELECTRICALLY THICK TURBULAR ANTENNA DRIVEN BY A VOLTAGE ACROSS A FINITE AFOSR67-0377
A COMPARISON BETWEEN A N-ELEMENT CIRCULAR ARRAY AND AN ELECTRICALLY THICK TURBULAR DIPOLE ANTENNA WITH EQUIVALENT AFCL67-0256

TUNABLE
CURRENT TUNABLE CW OSCILLATIONS IN A SMOOTH-BORE MAGNETRON THE -PLASMA-MAGNETRON FINAL REPORT JULY 1967 AFOSR67-1663
CURRENT TUNABLE CYCLOTRON MODE OSCILLATIONS IN A SMOOTH-BORE MAGNETRON FINAL REPORT JULY 1968 AFOSR68-1721

TUNED
NONLINEAR AND ANISOTROPIC EFFECTS IN MAGNETICALLY TUNED LASER AMPLIFIERS AFOSR68-0671

TUNGSTEN
TUNGSTEN COMPOUNDS AS LIQUID SHEATHS FOR MOSBAUER EXPERIMENTS AFOSR67-2581
MOSSBAUER EFFECT OF W-LAT IN DIFFERENT TUNGSTEN COMPOUNDS AFOSR67-0647
TUNGSTEN-MOSBAUER SPIN-SPIN COUPLING IN TUNGSTEN CARBONYL DERIVATIVES AFOSR68-1260
REINFORCING AND FIELD DEFORMATION OF INDIVIDUAL TUNGSTEN ATOMS AFOSR68-1784
CRITICAL-FIELD MEASUREMENT OF SUPERCONDUCTING TUNGSTEN AS RELATED TO THE CERIUM-MAGNESIUM-NITRATE TEMPERATURE SCALE AFOSR68-1874
KINETICS OF THE ATTACK OF HIGH-TEMPERATURE MOLYBDENUM AND TUNGSTEN BY ATOMIC OXYGEN AFOSR67-1986
SUPERCONDUCTIVITY AND LATTICE PARAMETERS IN FACE-CENTERED CUBIC PLATINUM TUNGSTEN AND PALLADIUM TUNGSTEN SOLID AFOSR68-1866
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS BY NEW OLEFINIC AND ACETYLENIC DERIVATIVES OF TUNGSTEN AFOSR67-0599
SUPERCONDUCTIVITY AND LATTICE PARAMETERS IN FACE-CENTERED CUBIC PLATINUM TUNGSTEN AND PALLADIUM TUNGSTEN SOLID AFOSR68-1866

TUNGSTEN-OXYGEN
THERMODYNAMICS OF THE TUNGSTEN-OXYGEN SYSTEM ARL 68-0057

TUNGSTEN-PHOSPHORUS
TUNGSTEN-PHOSPHORUS SPIN-SPIN COUPLING IN TUNGSTEN CARBONYL DERIVATIVES AFOSR68-1260

TUNNEL
WIND TUNNEL TESTS OF NATURAL SHAPE HALOON MODEL AFCL68-0123
WIND TUNNEL TESTS OF SIMULATED SPHERICAL HALOONS WITH VARIABLE ROUGHNESS AFOSR67-1910
THE GLOTT TUNNEL AS A SUPERSONIC COMBUSTION TEST FACILITY AFOSR67-0847

| | |
|---|--------------|
| PLASMA WIND TUNNEL STUDIES OF COLLISION FREE FLOWS AND SHOCKS | AFOSR67-1160 |
| A TUBE WIND TUNNEL FOR HIGH REYNOLDS NUMBER SUPERSONIC TESTING | ARL 68-0031 |
| NONRECIPROCAL TUNNEL DIODE DISTRIBUTED AMPLIFIER | AFOSR67-1406 |
| HYPERSONIC WIND TUNNEL PRESSURE MEASUREMENTS | ARL 67-1218 |
| SHOCK WAVE STUDIES USING A PLASMA WIND TUNNEL | AFOSR68-0147 |
| UPPER ATMOSPHERE O-ATOM DENSITIES BY WIND TUNNEL SIMULATION OF NITRIC OXIDE RELEASES | AFCHL67-0563 |
| SYSTEM FOR PRESERVING SMALL NONLINEARITIES IN TUNNEL JUNCTIONS | AFOSR67-0569 |
| STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /US/ | AFCHL67-0377 |
| STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /US/ | AFCHL67-0496 |
| STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /US/ FINAL REPORT APR 1968 | AFCHL67-0629 |
| NO-O CHEMILUMINESCENCE STUDIES FLIGHT AND WIND TUNNEL EXPERIMENTS FINAL REPORT JAN 1967 | AFCHL68-0253 |
| LOW PRESSURE MEASUREMENTS IN A HYPERSONIC WIND TUNNEL | AFCHL67-0193 |
| A GENERAL MATCHING THEORY AND ITS APPLICATION TO TUNNEL DIODE AMPLIFIERS | ARL 68-0005 |
| IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS | AFOSR67-0333 |
| STUDIES ON AN INERT GAS DISK WALL GENERATOR DRIVEN IN A SHOCK TUNNEL | ARL 68-0163 |
| RARE EARTH IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS | ARL 67-1235 |
| RARE EARTH STABILIZED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS | ARL 68-1177 |
| A HYBRID DATA ACQUISITION AND CONTROL SYSTEM FOR A HYPERSONIC WIND TUNNEL COMPLEX | ARL 68-0188 |
| TEST SECTION CONDITIONS FOR THE TAILORED INTERFACE HYPERSONIC SHOCK TUNNEL | ARL 68-1385 |
| EXPERIMENTAL TECHNIQUES FOR SUPERSONIC COMBUSTION RESEARCH IN A SHOCK TUNNEL | AFOSR67-2026 |
| ABSOLUTE DETERMINATION OF FLOW PARAMETERS IN A LOW DENSITY HYPERSONIC TUNNEL PART I ELECTRON RAY STUDIES OF EVALUATION OF THE PACF K109 PRESSURE TRANSDUCER FOR USE IN A HYPERSONIC WIND TUNNEL | AFOSR68-1195 |
| | ARL 68-1114 |
| | ARL 68-1332 |
| TUNNELING | |
| TUNNELING BETWEEN A METAL AND SILICON SEPARATED BY A POLYMER INSULATOR | AFOSR67-0607 |
| TUNNELING CURRENTS VIA GOLD LEVELS IN GERMANIUM ESaki DIODES | AFOSR67-1976 |
| NEUTRON TUNNELING IN HE-3/HE-3 SPIN-4 | AFOSR68-2748 |
| THEORY OF TUNNELING INCLUDING PHOTON-ASSISTED TUNNELING IN SEMICONDUCTORS IN CROSSED AND PARALLEL ELECTRIC AND ANISOTROPY IN TUNNELING DENSITY OF STATES IN PURE TYPE-II SUPERCONDUCTORS | AFOSR68-0334 |
| SELF-FIELD LIMITING OF JOSEPHSON TUNNELING OF SUPERCONDUCTING ELECTRON PAIRS | AFOSR67-1742 |
| THEORY OF TUNNELING INCLUDING PHOTON-ASSISTED TUNNELING IN SEMICONDUCTORS IN CROSSED AND PARALLEL ELECTRIC AND OBSERVATION OF LOCALIZED PHONON MODES BY SUPERCONDUCTIVE TUNNELING | AFOSR67-0170 |
| | AFOSR68-0334 |
| | AFOSR68-1557 |
| TUNNELING | |
| TUNNELING EFFECTS IN SOLIDS | ARL 68-1363 |
| PROXIMITY EFFECT IN SUPERCONDUCTING CONTACTS BY ELECTRON TUNNELING | AFOSR67-1732 |
| TUNNELS | |
| CONDENSATION IN HYPERSONIC WIND TUNNELS | ARL 67-1062 |
| COMBUSTION IN HYPERSONIC WIND TUNNELS | ARL 67-1336 |
| LOW PRESSURE MEASUREMENTS IN HYPERSONIC WIND TUNNELS | ARL 67-1198 |
| LOW HEAT FLUX MEASUREMENTS IN HYPERSONIC WIND TUNNELS | ARL 67-1197 |
| CONDENSATION OF AIR AND NITROGEN IN HYPERSONIC WIND TUNNELS | ARL 68-0077 |
| TURBOMACHINERY | |
| INTRODUCTION TO LECTURES ON SUPERSONIC TURBOMACHINERY | ARL 67-1226 |
| TURBULENCE | |
| TURBULENCE MEASUREMENTS RELEVANT TO JET NOISE | AFOSR67-0129 |
| TURBULENCE IN MAGNETO PLASMAS | ARL 68-1446 |
| THE TURBULENCE CLIMATOLOGY OF THE UNITED STATES BETWEEN 20,000 AND 45,000 FEET ESTIMATED FROM AIRCRAFT REPORTS AND STUDY OF TURBULENCE CLOSE TO A SOLID WALL | AFCHL68-0337 |
| A STUDY OF TURBULENCE AT A WALL USING AN ELECTROCHEMICAL WALL SHEAR-STRESS METER | AFOSR68-0612 |
| TRANSITION TO TURBULENCE FOR SUBMERGED INCOMPRESSIBLE AND FREE COMPRESSIBLE FLUID JETS | AFOSR67-0476 |
| MEASUREMENTS OF TURBULENCE AND DIFFUSION IN HIGH-ALTITUDE CHEMICAL CLOUDS FINAL REPORT JULY 1968 | AFOSR67-1894 |
| DYNAMICS OF FLUID TURBULENCE | AFCHL68-0382 |
| LABORATORY STUDY OF TURBULENCE IN COLLISION-FREE SHOCKS | AFOSR67-1675 |
| STUDY OF INHOMOGENEOUS TURBULENCE | AFOSR68-1937 |
| SMOOTHING EFFECT OF THE TURBULENCE TERM IN OBJECTIVE ANALYSIS AND NUMERICAL PREDICTION | ARL 67-0161 |
| AN EXPERIMENTAL STUDY OF TURBULENCE PRODUCTION NEAR A SMOOTH WALL IN A TURBULENT BOUNDARY LAYER WITH ZERO TRANSPORT PROPERTIES AND TURBULENCE IN MAGNETOPLASMAS | AFCHL68-0249 |
| FORMULATION OF THE THEORY TURBULENCE | AFOSR68-0263 |
| OBSERVATIONS OF STRATOSPHERIC CLEAR-AIR TURBULENCE AND MOUNTAIN WAVES OVER THE SIERRA NEVADA MOUNTAINS FINAL REPORT | ARL 68-1447 |
| DISTRIBUTION FUNCTIONS IN THE STATISTICAL THEORY OF TURBULENCE | AFOSR68-1106 |
| HOW GOOD IS THE DIRECT-INTERACTION APPROXIMATION IN TURBULENCE | AFCHL68-0001 |
| A PRELIMINARY REPORT ON DOPPLER RADAR OBSERVATION OF TURBULENCE IN A THUNDERSTORM | AFOSR67-2462 |
| LOW FREQUENCY ELECTRIC FIELD CHARACTERISTICS OF CLEAR AIR TURBULENCE FINAL REPORT JULY 1967 | ARL 68-1273 |
| INTERACTION OF THE LAMINAR BOUNDARY LAYER WITH FREE-STREAM TURBULENCE | AFCHL67-0015 |
| MESOSCALE STRUCTURE OF THE ATMOSPHERE IN REGIONS OF CLEAR-AIR TURBULENCE VOLUME I | AFCHL67-0457 |
| BOUNDARY LAYERS AND TURBULENCE-INTERNATIONAL SYMPOSIUM ON BOUNDARY LAYERS AND TURBULENCE INCLUDING GEOPHYSICAL | AFOSR68-0627 |
| | AFCHL67-0115 |
| | AFOSR68-0285 |
| TURBULENCE-INTERNATI | |
| BOUNDARY LAYERS AND TURBULENCE-INTERNATIONAL SYMPOSIUM ON BOUNDARY LAYERS AND TURBULENCE INCLUDING GEOPHYSICAL | AFOSR68-0285 |
| TURBULENT | |
| TURBULENT SHOCK WAVES IN PLASMAS | AFCHL67-0340 |
| TURBULENT FODIES IN HIGH-DENSITY-SPARK CHANNELS IN HELIUM | AFCHL67-0544 |
| TURBULENT CONCENTRATION FIELD UNDER CHEMICAL REACTIONS | ARL 68-1471 |
| THE TURBULENT, ROUNDED WALL-JET A SOLUTION TO THE LINEARIZED EQUATIONS FINAL REPORT NOVEMBER 1966 | ARL 68-0204 |
| ENTROPY OF TURBULENT GAS MACROSCOPIC AND TURBULENT PARTS BOUNDARY-LAYER EXPRESSIONS FOR Celerities OF FILTERED PLANAR FREE TURBULENT MIXING WITH AN AXIAL PRESSURE GRADIENT | AFOSR68-0708 |
| LECTURES ON TURBULENT FLOW | AFOSR67-2000 |
| A SHEAR-FREE TURBULENT BOUNDARY LAYER | AFOSR67-2168 |
| STABILITY OF TURBULENT CHANNEL FLOW WITH APPLICATION TO MALKUS'S THEORY | AFOSR67-2009 |
| COMPRESSIBLE TURBULENT PLANE COUETTE FLOW | AFOSR67-2063 |
| THE DAMPING OF TURBULENT FLOW BY LONG-CHAIN MOLECULES | ARL 67-0223 |
| NEW METHOD FOR TURBULENT SHEAR FLOWS | AFOSR67-2349 |
| SOME REMARKS ON TURBULENT SHEAR FLOWS | ARL 67-1260 |
| THE STRUCTURE OF TURBULENT BOUNDARY LAYERS | AFOSR68-0093 |
| ELECTRIC ARCS IN TURBULENT FLOWS. III | AFOSR68-0648 |
| INVESTIGATION OF THE TURBULENT STRUCTURE AND DRIFT MOTIONS IN THE IONOSPHERE FINAL REPORT APR 1967 | ARL 68-0067 |
| INFLUENCE OF TYPE OF TURBULENT FLAME ON LIMITS OF DETECTION IN ATOMIC FLUORESCENCE FLAME SPECTROMETRY | AFCHL67-0188 |
| THE FLOW FIELD IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO-DIMENSIONAL WEDGE-FLAT PLATE MODEL | AFOSR67-2812 |
| THERMAL EQUILIBRIUM IN TURBULENT DIFFUSION FLAMES | ARL 67-0005 |
| AN EXPERIMENTAL STUDY OF TURBULENT BOUNDARY LAYER ON ROUGH WALLS | AFOSR67-2514 |
| INTEGRAL THEORY FOR SUPERSONIC TURBULENT BASE FLOWS | AFOSR67-0420 |
| A STUDY OF THE STRUCTURE OF THE TURBULENT BOUNDARY LAYER WITH AND WITHOUT LONGITUDINAL PRESSURE GRADIENTS | AFOSR68-2429 |
| AN INTEGRAL DIFFUSION METHOD FOR TURBULENT BOUNDARY LAYERS USING THE TURBULENT KINETIC ENERGY EQUATION | AFOSR67-0404 |
| | AFOSR68-1564 |

TURBULENCE - CONTINUED

| | |
|---|--------------|
| SHOCK GENERATORS IN THE HYPERSONIC TURBULENT BOUNDARY LAYER | ARL 67-0166 |
| RECENT ADVANCES IN THE CALCULATION OF TURBULENT BOUNDARY LAYERS | ARL 67-1067 |
| A QUASI-ASYMMETRIC APPROXIMATION FOR TURBULENT THREE-DIMENSIONAL JETS AND WAKES | AFOSR66-0981 |
| PHYSICS OF TURBULENT GAS MACROSCOPIC AND TURBULENT PARTS BOUNDARY-LAYER EXPRESSIONS FOR Celerities OF FILTERED | AFOSR66-0798 |
| A STUDY OF THREE-DIMENSIONAL INCOMPRESSIBLE TURBULENT WALL JETS | AFOSR67-2860 |
| INVESTIGATION OF A TWO-DIMENSIONAL FULLY STALLED TURBULENT FLOW FIELD | AFOSR67-2047 |
| INTERACTION OF COHERENT LIGHT WITH SOLIDS AND WITH TURBULENT ATMOSPHERES FINAL REPORT OCT 1967 | AFOSR67-2477 |
| AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE TURBULENT PAR WAKE | ARL 67-0194 |
| HEAT TRANSFER IN CYLINDRICAL PIPES WITH FULLY ESTABLISHED TURBULENT FLOW AND EXPOSED TO A UNIFORM TEMPERATURE | ARL 67-0039 |
| THE VELOCITY, PRESSURE, AND TEMPERATURE DISTRIBUTION IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO DIMENSIONAL | ARL 66-0155 |
| AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A HIGHLY COOLED TURBULENT BOUNDARY LAYER | ARL 66-0091 |
| AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER FROM A HIGHLY COOLED TURBULENT BOUNDARY LAYER | ARL 66-0348 |
| AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS USING THE TURBULENT KINETIC ENERGY EQUATION | AFOSR66-1869 |
| AN EXPERIMENTAL STUDY OF TURBULENCE PRODUCTION NEAR A SHOTGUN FALL IN A TURBULENT BOUNDARY LAYER WITH ZERO | AFOSR66-0363 |
| SIMPLIFIED VARIATIONAL AND PHYSICAL ANALYSIS OF HEAT TRANSFER IN LAMINAR AND TURBULENT FLOW | AFOSR66-0163 |
| AN EXPERIMENTAL STUDY OF SOME BASE INJECTION TECHNIQUES AND THE EFFECT OF LARGE PRESSURE GRADIENTS ON TURBULENT | ARL 66-0160 |
| TURBULENCE-PLANE | |
| ON COMPRESSIBLE TURBULENCE-PLANE COUETTE FLOW | ARL 60-0093 |
| TURN-ON | |
| A SIXTEEN-UNIT PROJECTOR WITH MICROSECOND TURN-ON TIME | AFOSR67-1804 |
| TWILIGHT | |
| BALLOON-BORNE OBSERVATIONS OF BRIGHTNESS VARIATIONS IN THE 1.87 MICRON BAND OF OXYGEN IN THE DAY AND TWILIGHT AIRGLOW | AFCL66-0157 |
| TWIN | |
| TWIN BOUNDARIES IN ALUMINUM | ARL 66-0126 |
| CLEAVAGE FRACTURES IN A DOMAIN /TWIN/ CRYSTAL | AFOSR67-1503 |
| TWIN-EFFECT | |
| THE TWIN-EFFECT AND THE RHO-SHIFT | AFCL66-0507 |
| TWIN-ELECTRODE | |
| TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY KINETICS OF SECOND-ORDER DISPROPORTIONATION OF URANIUM V BY DECAY OF | AFOSR67-0842 |
| DIAGNOSTIC CRITERIA FOR THE STUDY OF CHEMICAL AND PHYSICAL PROCESSES BY TWIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY | AFOSR67-0853 |
| TWO-ANTENNA | |
| ANGULAR RESOLUTION OF A PASSIVE TWO-ANTENNA SYSTEM | AFCL67-0368 |
| TWO-BODY | |
| ZEEMAN EFFECT IN A SPINLESS TWO-BODY SYSTEM | AFOSR66-2742 |
| BOUND STATES OF A RELATIVISTIC TWO-BODY HAMILTONIAN COMPARISON WITH THE DIRAC-SALPETER EQUATION | AFOSR67-1002 |
| TWO-CARRIER | |
| INVESTIGATION OF TWO-CARRIER INJECTION ELECTROLUMINESCENCE FINAL REPORT DEC 1966 | AFCL67-0005 |
| TWO-COMPONENT | |
| SIGNAL CORRELATIONS IN FORWARD SCATTERING BY TWO-COMPONENT RANDOM DISTRIBUTIONS | AFCL67-0824 |
| TWO-DECISION | |
| TOWARD A TWO-DECISION THEORY OF ORGANIZATIONAL COMPLEXITY AND COMMITMENT | AFOSR67-1043 |
| TWO-DIMENSIONAL | |
| TWO-DIMENSIONAL FINITE DEFORMATION EXPERIMENTS ON DOGS ARTERIES AND VEINS | AFOSR67-1980 |
| A TWO-DIMENSIONAL ULTRASONIC MODEL STUDY OF COMPRESSIONAL AND SHEAR-WAVE DIFFRACTION PATTERNS PRODUCED BY A CIRCULAR | AFOSR66-1442 |
| RESEARCH OF TWO-DIMENSIONAL TRANSONIC FLOW PATTERNS OF COMP FLUIDS FINAL REPORT OCT 1968 | AFOSR66-2472 |
| STABILITY OF TWO-DIMENSIONAL POISEUILLE FLOW | AFOSR67-2420 |
| INVESTIGATION OF A TWO-DIMENSIONAL FULLY STALLED TURBULENT FLOW FIELD | AFOSR67-2047 |
| ON THE SYNTHESIS OF TWO-DIMENSIONAL ARRAYS WITH DESIRABLE CORRELATION PROPERTIES | AFOSR66-1146 |
| SIMILARITY SOLUTIONS FOR TWO-DIMENSIONAL STEADY VISCOUS AND BOUNDARY LAYERS | AFOSR66-1396 |
| LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL BLUNT BASE FROM THE HIGH ENTHALPY FLOW IN THE SHOCK TUBE | ARL 67-0121 |
| DISLOCATION VELOCITIES IN A TWO-DIMENSIONAL MODEL | AFOSR67-1253 |
| ON CLASSICAL SOLUTIONS OF THE TWO-DIMENSIONAL NON-STATIONARY EULER EQUATION | AFOSR67-2353 |
| THE TRANSFER OF HEAT ACROSS A TWO-DIMENSIONAL, OSCILLATING BOUNDARY LAYER | ARL 67-0290 |
| EFFECT OF HIGH CONDUCTIVITY ON TWO-DIMENSIONAL PLASMA FLOW | AFOSR66-0740 |
| AN ALGORITHM FOR THE SOLUTION OF THE TWO-DIMENSIONAL HIDDEN-LINE PROBLEM | AFOSR66-0871 |
| SHALL HYDROMAGNETIC OSCILLATIONS OF A TWO-DIMENSIONAL CAVITY | AFCL67-0140 |
| A NUMERICAL SOLUTION OF THE ROLTSMANN EQUATION FOR A TWO-DIMENSIONAL GAS | AFOSR67-2058 |
| THE FLOW FIELD IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO-DIMENSIONAL WEDGE-FLAT PLATE MODEL | ARL 67-0005 |
| EFFECT OF BODY INCLINATION ON THE MERGING OF A HYPERSONIC LOW DENSITY FLOW OVER SHARP TWO-DIMENSIONAL LINEAR BODIES | ARL 66-1111 |
| TWO-FLUID | |
| PERSISTENCE OF MHD-STABILITY IN THE TWO-FLUID MODEL | AFOSR66-0978 |
| TWO-HINGED | |
| THERMAL BUCKLING OF SHALLOW BIMETALLIC TWO-HINGED ARCHES | AFOSR66-1959 |
| TWO-LAYER | |
| A SIMPLE TWO-LAYER MODEL AND ITS EXTENSION | AFCL66-0276 |
| TWO-LEVEL | |
| THE SELECTION OF SEQUENCES OF TWO-LEVEL FRACTIONAL FACTORIAL PLANS | ARL 67-0013 |
| THE CATEGORIZATION AND EVALUATION OF SEQUENCES OF TWO-LEVEL FRACTIONAL FACTORIAL PLANS | ARL 66-1290 |
| A CLASS OF NON NEAR FORTH-CORRECTING CODES BASED UPON INTERLEAVED TWO-LEVEL SEQUENCES | AFOSR67-2240 |
| TWO-NUCLEON | |
| TWO-NUCLEON INTERACTION AS A RESEARCH TOOL IN PARTICLE PHYSICS | AFOSR65-0139 |

[illegible]

| | |
|---|--------------|
| SYNOLOGIES | |
| AN EXAMINATION OF THE PLASMA-SPRAY AND DETONATION SYNOLOGIES | AFOSR67-1696 |
| SYNOLOGIES | |
| POTENTIATION OF TETRAMINE EFFECT ON THE ISOLATED SPIN MUSCLE BY COCAINE | AFOSR68-2727 |
| U.S.-GERMAN | |
| U.S.-GERMAN DISPARITY COOPERATION IN MID | ARL 68-1323 |
| U-CENTER | |
| EMISSIVITY-INDUCED SECOND-HARMONIC IMPROVED ABSORPTION AND RAMAN SCATTERING OF U-CENTER LOCALIZED MODES IN ALKALI-NITRIDE | AFOSR68-0924 |
| U-NOIR | |
| TENSILE OPERATIONS AND HAYS FORMULA IN THE MINIMAL EXTENSION OF U-SUN TENSILE BY CHARGE CONJUGATION | AFOSR67-2113 |
| U-TRIMMER-12 | |
| REPRESENTATION MIXING TO U-TRIMMER-12 | AFOSR67-1365 |
| ULTRA | |
| ULTRA-PRECISION BASE (THE AMPLIFICATION PROGRAM) FINAL REPORT FEB 1967 | AFCL67-0162 |
| ULTRA-HIGH ENERGY CRIMIC URGENTLY STIMULATED BY LASER | AFOSR68-2491 |
| QUANTITATIVE REFLECTION ELECTRON DIFFRACTION IN AN ULTRA-HIGH VACUUM CAMERA | AFOSR68-0557 |
| ULTRA-FAST | |
| ATMOSPHERE ELECTRONIC, ULTRA-FAST SCANNING SPECTROMETER | AFCL67-0220 |
| ULTRA-HIGH | |
| GAS-TRAPING MEDIA AT ULTRA-HIGH PRESSURE | AFCL67-0509 |
| GAS-TRAPING MEDIA AT ULTRA-HIGH PRESSURE FINAL REPORT JUNE 1967 | AFCL67-0592 |
| ULTRA-SENSITIVE | |
| RAPID AND ULTRA-SENSITIVE REIM ANALYSIS BY NEW GAS CHROMATOGRAPHIC TECHNIQUES | ARL 67-1123 |
| ULTRA-SMALL | |
| MECHANISM OF ULTRA-SMALL COLORED PARTICLES | AFOSR67-0933 |
| ULTRA-TRACE | |
| QUANTITATIVE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | ARL 68-0140 |
| ULTRA-TRACE | |
| QUANTITATIVE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | ARL 68-1438 |
| ULTRA-TRACE | |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | ARL 68-1167 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | ARL 68-1153 |
| ULTRA-TRACE | |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | ARL 67-0075 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR67-2316 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR67-1173 |
| ULTRA-TRACE | |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR67-2549 |
| ULTRA-TRACE | |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR67-2782 |
| ULTRA-TRACE | |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR67-2071 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR67-2587 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR68-0923 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR68-1514 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR67-0038 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | ARL 67-1010 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | ARL 67-1201 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR68-1442 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR67-1411 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFCL67-0369 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR68-0657 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFCL68-0198 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR68-0739 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR67-0161 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR68-0879 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR67-1744 |
| ULTRA-TRACE | |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR68-0661 |
| ULTRA-TRACE | |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR67-2432 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR68-1702 |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR68-0724 |
| ULTRA-TRACE | |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR67-2097 |
| ULTRA-TRACE | |
| ULTRA-TRACE ANALYSIS OF ULTRA-TRACE AMOUNTS OF METALS BY GAS CHROMATOGRAPHY | AFOSR68-0035 |

ULTRATRACE

ULTRATRACE ANALYSIS BY COORDINATION CHAIN REACTIONS FINAL REPORT JULY 1967

AFOSR67-1792

ULTRAVIOLET

ULTRAVIOLET RADIATION AND THE TERRESTRIAL SURFACE
 ULTRAVIOLET ABSORPTION OF SOLID ARGON KRYPTON AND XENON
 ULTRAVIOLET REFLECTIVITY STUDIES OF COARSE SINGLE CRYSTAL SOLID SOLUTIONS
 ULTRAVIOLET REFLECTION STUDIES OF CRYSTAL SOLID SOLUTIONS
 VACUUM ULTRAVIOLET RADIATION AS AN IMPORTANT MEANS OF ENERGY TRANSPORT IN A PLASMA
 ANALYSIS OF L7 ULTRAVIOLET SPECTROMETER OBSERVATIONS /U/
 ORIENTATION OF L4 ULTRAVIOLET SPECTROMETER SOURCES /U/ FINAL REPORT MAR 1967
 THE SOLAR EXTREME ULTRAVIOLET SPECTRUM BETWEEN 30 MARCH 1966 AND 17 JANUARY 1967
 THE D50-III SOLAR ULTRAVIOLET DATA ANALYSIS PROGRAM FINAL REPORT NOV 1966
 DETECTION OF QUARKS IN THE ULTRAVIOLET SOLAR SPECTRUM
 A RADIATION STANDARD FOR VACUUM ULTRAVIOLET
 ARC PLASMA DIAGNOSTICS WITH VACUUM ULTRAVIOLET RADIATION FINAL REPORT AUG 1967
 A NEW SPECTRORADIOMETER FOR MEASURING ULTRAVIOLET SKY BRIGHTNESS AND DIRECT SOLAR RADIATION FINAL REPORT APR 1967
 THE SPECTRUM OF H6C1 SUB2 IN THE VACUUM ULTRAVIOLET
 OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET
 A SUBSONIC D-REGION PROBE EXPERIMENT USING AN ULTRAVIOLET SOURCE TO PRODUCE IONS AND FREE ELECTRONS
 ION RADICALS & THE FORMATION OF THE PHENOTHIAZYL RADICAL BY THE ULTRAVIOLET IRRADIATION OF PHENOTHIAZINE SOLUTIONS
 OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET OPTICAL PROPERTIES OF CUPROUS OXIDE IN THE ULTRAVIOLET

AFCHL68-0572
 AFOSR67-1369
 APL 67-1013
 ARL 67-1320
 ARL 68-1184
 AFCHL67-0091
 AFCHL67-0240
 AFCHL68-0009
 AFCHL68-0570
 AFOSR67-2640
 ARL 68-1115
 ARL 67-0178
 AFCHL67-0410
 AFOSR67-0016
 ARL 67-0241
 AFCHL67-0050
 AFOSR67-0071
 ARL 67-0241

UNDAMPED

THE CONSTRUCTION OF RESONANCE CURVES FOR UNDAMPED NONLINEAR SYSTEMS

AFOSR68-1292

UNKENH

THE EFFECT OF HAZE UPON UNKENH MEASUREMENTS
 COMPARISON OF CHEMILUMINESCENT AND UNKENH OBSERVATIONS OF OZONE

AFCHL67-0367
 AFCHL67-0308

UNAMBIGUOUS

A STUDY OF ERROR-CORRECTING CODES IV CODE PROPERTIES AND UNAMBIGUOUS SETS

AFCHL67-0124

UNANESTHETIZED

STUDIES ON CORTICOTROPIC ACTIVITY IN THE UNANESTHETIZED MID-PONTINE CAT
 SINGLE-UNIT ACTIVITY IN THE PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS
 REPRESENTATION OF BINAURAL STIMULI BY SINGLE UNITS IN PRIMARY AUDITORY CORTEX OF UNANESTHETIZED CATS

AFOSR68-2715
 AFOSR68-1997
 AFOSR68-2778

UNBALANCED

STATISTICAL DEPENDENCE BETWEEN RANDOM EFFECTS AND THE NUMBERS OF OBSERVATIONS ON THE EFFECTS FOR THE UNBALANCED

ARL 68-0052

UNBIASED

BEST LINEAR UNBIASED ESTIMATORS OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION USING ORDER STATISTIC
 CERTAIN GENERAL PROPERTIES OF UNBIASED ESTIMATES OF LOCATION AND SCALE PARAMETERS BASED ON ORDERED OBSERVATIONS

ARL 67-0261
 AFOSR68-1634

UNBOUNDED

THE UNBOUNDED GROWTH OF SOLUTIONS OF LINEAR PARABOLIC DIFFERENTIAL EQUATIONS
 TIME OF RELAXATION I UNBOUNDED MEDIUM
 PARABOLIC EQUATIONS WITH UNBOUNDED COEFFICIENTS
 COMPARISON THEOREMS FOR ELLIPTIC EQUATIONS ON UNBOUNDED DOMAINS
 ON THE VARIATIONAL PRINCIPLES FOR EIGENVALUES FOR A CLASS OF UNBOUNDED OPERATORS
 UNIQUENESS OF POSITIVE SOLUTIONS OF PARABOLIC EQUATIONS WITH UNBOUNDED COEFFICIENTS

AFOSR68-2293
 AFOSR68-1098
 AFOSR68-1853
 AFOSR67-1315
 AFOSR68-0673
 AFOSR68-2106

UNCERTAIN

ON SYSTEMS WITH UNKNOWN OR UNCERTAIN PARAMETERS

AFOSR68-2274

UNCERTAINTY

UNCERTAINTY ANALYSIS IN DYNAMIC SYSTEMS
 UNCERTAINTY INFORMATION SEARCH AND DECISION MAKING FINAL REPORT NOV 1968
 MODE ON UNCERTAINTY FEEDBACK THE BANDLIMITED CASE
 STUDIES OF SEQUENTIAL DETECTION SYSTEMS WITH UNCERTAINTY FEEDBACK
 DETECTION OF AN IN-PHASE SIGNAL WITH AND WITHOUT UNCERTAINTY REGARDING THE INTERAURAL PHASE OF THE MASKING NOISE
 AN INFORMATION PROCESSING THEORY OF HUMAN DECISION MAKING UNDER UNCERTAINTY AND RISK

AFOSR67-1413
 AFOSR68-2324
 AFOSR68-2448
 AFOSR68-2450
 AFOSR67-2393
 AFOSR67-2129

UNCOUPLING

OPERANT REINFORCEMENT OF A SKELTALLY MEDIATED AUTONOMIC RESPONSE UNCOUPLING OF THE TWO RESPONSES
 MAGNETOSPHERIC TAIL STUDIES I ANALYSIS OF HOURLY AVERAGED IMP-C DATA IN THE MAGNETOSPHERIC TAIL 2 UNCOUPLING OF

AFOSR68-2686
 AFCHL67-0551

UNDECIDABLE

A NOTE ON UNDECIDABLE PROPERTIES OF FORMAL LANGUAGES

AFCHL67-0519

UNDEREXPANDED

APPROXIMATE CALCULATION OF HIGHLY UNDEREXPANDED JETS

AFOSR67-0099

UNDERGOING

NUMERICAL EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING SOLIDIFICATION
 A GENERAL COMPUTER PROGRAM FOR EVALUATION OF TEMPERATURE PROFILES AND INTERFACE POSITION IN FILAMENTS UNDERGOING

ARL 68-1007
 ARL 68-0044

UNDERGRADUATE

EXPERIMENT IN CRYOGENICS FOR THE UNDERGRADUATE

AFOSR67-2189

UNDERGROUND

SHORT-TERM SEISMIC ENERGY RADIATION PATTERNS FROM UNDERGROUND NUCLEAR EXPLOSIONS AND SMALL-MAGNITUDE EARTHQUAKES

AFCHL67-0376

UNDERLYING

NERVOUS PROCESSES UNDERLYING BEHAVIOR AND LEARNING FINAL REPORT APRIL 1967
 STUDY OF THE BRAIN MECHANISMS UNDERLYING THE CHANGES OF CONSCIOUSNESS AND THEIR ELECTROPHYSIOLOGICAL CORRELATES

AFOSR67-2272
 AFOSR68-2105

UNDERSTANDING
TOWARD UNDERSTANDING THE ROLE OF TASKS IN BEHAVIORAL RESEARCH
RESEARCH DIRECTED TOWARD UNDERSTANDING BEHAVIOR AND DETECTION OF PLASMAS IN MAGNETIC FIELD FINAL REPORT APR 1968 AFOSR68-1678
AFCL68-0210

UNDESIRABLE
UNDESIRABLE EFFECTS OF HYPNOSIS THE DETERMINANTS AND MANAGEMENT AFOSR67-1844

UNDISSOCIATED
HYDRATION OF UNDISSOCIATED SALTS IN ACETONITRILE AFOSR67-1605

UNDOPED
GREEN EDCA EMISSION BANDS IN UNDOPED CADIUM SULFIDE ARL 67-1286
GREEN EDCA EMISSION BANDS IN UNDOPED CADIUM SULFIDE ARL 68-0289
SOME OBSERVATIONS OF THE GEL GROWTH OF DOPED AND UNDOPED CALCIUM TETRATE CRYSTALS AFCL67-0304

UNDUCTED
UNDUCTED WHISTLER EVIDENCE FOR A SECONDARY PEAK IN THE ELECTRON ENERGY SPECTRUM NEAR 10 KEV AFOSR68-2817

UNEQUAL
ARRAYS OF UNEQUAL AND UNEQUALLY SPACED DIPOLES WITH APPLICATION TO THE LOG-PERIODIC ANTENNA AFCL67-0036
ON LINEAR UNEQUAL ERROR PROTECTION CODES AFOSR68-0732
SOME ADDITIONAL ASPECTS OF THE UNEQUAL ACTIVITY OF THE NORTHERN AND SOUTHERN SOLAR HEMISPHERES MICROWAVE RADIO BURSTS AFCL68-0217

UNEQUAL-MASS
REGGE POLES AND UNEQUAL-MASS SCATTERING PROCESSES AFOSR67-1405
ANALYTIC CONSTRAINTS ON UNEQUAL-MASS REGGE FORMULAS AFOSR67-1195

UNEQUALLY
COMPUTER DESIGN OF UNEQUALLY SPACED ARRAYS AFCL67-0552
ARRAYS OF UNEQUAL AND UNEQUALLY SPACED DIPOLES WITH APPLICATION TO THE LOG-PERIODIC ANTENNA AFCL67-0036
ANALYSIS AND SYNTHESIS OF UNEQUALLY SPACED ARRAYS USING THE Z-TRANSFORM AFCL67-0230

UNESCO
THE REGION INTERGOVERNMENTAL OF SEISMOLOGY AND INGENIERIA SEISMIC OF THE UNESCO /SPANISH/ AFOSR67-0559

UNFOLDING
SMOOTHING AND UNFOLDING THE DATA OF BEAM-COLLISIONS EXPERIMENTS AFOSR67-2277

UNIAXIAL
EFFECT OF UNIAXIAL STRESS ON THE EXCITON SPECTRUM OF ZINCBLLENDE-TYPE ZNSE AND ZNS ARL 68-1477
THE EFFECT OF UNIAXIAL STRESS ON COME ARL 67-1286
POWER FLOW FROM A SHORT ANTENNA IN A LOSSY UNIAXIAL MEDIUM AFCL68-0573
ELECTRIC DIPOLE RADIATION IN ISOTROPIC AND UNIAXIAL PLASMAS AFOSR68-1081
SPLITTING OF EXCITON LINES IN WURTFITE-TYPE II-VI CRYSTALS BY UNIAXIAL STRESS ARL 68-0059
AUSPION PEAK FOR ULTRASONIC WAVES NEAR THE SPIN-FLOP TRANSITION OF UNIAXIAL ANTIFERROMAGNETS AFOSR67-1411
SUPERCONDUCTING TRANSITION TEMPERATURE AND RESISTIVITY OF TIN WHISKERS AS A FUNCTION OF UNIAXIAL TENSION AFOSR67-0352
INTERIOR ELASTIC STRESS FIELD IN A CONTINUOUS CLOSE-PACKED FILAMENTARY COMPOSITE MATERIAL UNDER UNIAXIAL TENSION AFOSR68-1996

UNIDENTATE
THE DIFFERENTIATION BETWEEN UNIDENTATE AND IDENTATE LIGANDS WHICH DONATE THREE ELECTRONS TO A METAL ATOM AFOSR67-0601

UNIFICATION
UNIFICATION OF THEORY AND EMPIRICISM IN INFORMATION RETRIEVAL FINAL REPORT OCT 1967 AFOSR67-2667

UNIFIED
UNIFIED SHOCK PROFILE IN A PLASMA AFOSR68-0865
A UNIFIED LINEAR THEORY OF HOMOGENEOUS AND STRATIFIED ROTATING FLUIDS AFOSR68-0389
A UNIFIED FORMULATION OF THE KINETIC EQUATION AFOSR68-1070

UNIFORM
UNIFORM ASYMPTOTIC THEORY OF CREEPING WAVES AFCL67-0531
UNIFORM MODE RESONANCE AND SPIN-WAVE INSTABILITY IN BRUNN3 AFCL67-0400
UNIFORM ASYMPTOTIC SOLUTIONS OF DISCONTINUOUS INITIAL VALUE PROBLEMS FOR DISPERSIVE HYPERBOLIC EQUATIONS AFOSR67-1249
UNIFORM ASYMPTOTIC EXPANSIONS OF INTEGRALS WITH STATIONARY POINT NEAR ALGEBRAIC SINGULARITY AFOSR67-1625
UNIFORM DISTRIBUTION IN LOCALLY COMPACT ABELIAN GROUPS AFOSR68-2295
A UNIFORM TREATMENT OF DARMOUX'S METHOD ARL 68-0104
ON THE UNIFORM LIMIT OF MULTIPLE RAYLAGE OF VECTOR INTEGRALS AFOSR67-0780
EXPANSION OF UNIFORM GAS CLOUDS INTO A VACUUM AFOSR67-1258
PRODUCTION OF UNIFORM PROPLETS BY MEANS OF AN ION DRAG PUMP AFOSR68-2542
APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE II AFOSR68-0377
APPROXIMATION BY POLYNOMIALS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE III AFOSR68-0378
DESIGN AND DEVELOPMENT OF PARTIALLY UNIFORM ARRAYS FINAL REPORT FEB 1968 AFCL68-0110
A NOTE ON THE STABILITY PROPERTIES OF UNIFORM TEMPERATURE FIELDS AFOSR67-2645
APPROXIMATION BY ROUNDED ANALYTIC FUNCTIONS UNIFORM CONVERGENCE AS IMPLIED BY MEAN CONVERGENCE AFOSR68-2249
AN ELECTRIC ARC HELD STATIONARY BY A MAGNETIC FIELD IN A UNIFORM FLOW THEORY FOR LOW REYNOLDS NUMBER FLOW ARL 68-0025
FINITE DEFORMATIONS OF A CYLINDRICAL MEMBRANE LOADED BY A UNIFORM INTERNAL PRESSURE AND AN AXIAL LOAD AFCL68-0485
NUCLEAR EXPANSIONS IN A IONOSPHERE WITH FINITE ELECTRIC CONDUCTIVITY IN THE PRESENCE OF A UNIFORM MAGNETIC FIELD AFOSR68-0148
HEAT TRANSFER IN CYLINDRICAL PIPES WITH FULLY ESTABLISHED TURBULENT FLOW AND EXPOSED TO A UNIFORM TEMPERATURE ARL 67-0039

UNIFORM-FIELD
UNIFORM-FIELD SPARKING VOLTAGES OF GASES IN CROSSED MAGNETIC FIELDS AFCL68-0535

UNIFORMLY
THE EFFECT OF A UNIFORMLY DISTRIBUTED LATERAL LOAD UPON THE BUCKLING OF A CONTINUOUSLY SUPPORTED BEAM AFOSR67-1398
HARMONICS ON CONES FOR UNIFORMLY ELLIPTIC OPERATORS AFOSR67-2257
KRUSKAL SPACE AND THE UNIFORMLY ACCELERATED FRAME AFOSR68-0126
DECOMPOSITION THEOREM FOR BOUNDED UNIFORMLY CONTINUOUS FUNCTIONS ON A GROUP AFOSR67-0263

UNIMOLECULAR
UNIMOLECULAR DECOMPOSITION OF POSITIVE IONS ARL 68-1047

UNIMOLECULAR

- CONTINUED

STUDIES OF UNIMOLECULAR REACTIONS OF TRIATOMIC MOLECULES
REACTION RATE STUDIES OF GASEOUS UNIMOLECULAR ISOMERIZATIONS FINAL REPORT OCT 1967
COLLISIONAL ENERGY TRANSFER THERMAL UNIMOLECULAR SYSTEMS IN THE LOW-PRESSURE REGION
COLLISIONAL ENERGY TRANSFER IN THERMAL UNIMOLECULAR SYSTEMS DILUTION EFFECTS AND FALLOFF REGION
VIBRATIONAL ENERGY TRANSFER COLLISIONAL QUENCHING OF COMPETITIVE UNIMOLECULAR REACTIONS
ARL 67-1091
AFOSR67-2449
AFOSR67-0428
AFOSR67-2496
AFOSR67-1967

UNING
JUMPS ACROSS TRANSVERSE IONIZING WND SHOCK WAVES IN REAL HYDROGEN UNING A COMPRESSION AS A PARAMETER AN EXPLICIT
SRL 68-0008

UNION
RADIO AND TELEVISION IN THE SOVIET UNION
ANATAPUR RADIO OPERATION IN THE SOVIET UNION
A SURVEY OF PROGRESS IN CODING THEORY IN THE SOVIET UNION FINAL REPORT DEC 1967
AFOSR67-0956
AFOSR67-0956
AFOSR67-0950

UNIQUE
A UNIQUE DOUBLE DEPOSITION SYSTEM
A UNIQUE LASER DETECTOR UTILIZING THE PHOTOELECTRIC EFFECT IN COOLED SEMICONDUCTORS
AFCL67-0096
AFOSR67-2134

UNIQUENESS
UNIQUENESS CONDITIONS FOR CERTAIN HOLOMORPHIC MAPPINGS
UNIQUENESS THEOREMS FOR ANALYTIC FUNCTIONS OF ONE AND OF SEVERAL COMPLEX VARIABLES
UNIQUENESS OF POSITIVE SOLUTIONS OF PARAMOLIC EQUATIONS WITH UNBOUNDED COEFFICIENTS
UNIQUENESS OF SOLUTIONS OF THE CAUCHY PROBLEM FOR PARAMOLIC EQUATIONS
THE UNIQUENESS OF SOLUTIONS OF THE HEAT EQUATION IN AN INFINITE STRIP
CONCERNING THE UNIQUENESS OF A MOLECULAR FIELD SOLUTION FOR TWO MAGNETIC SUBLATTICES
LOWER BOUNDS AND UNIQUENESS THEOREMS FOR SOLUTIONS OF DIFFERENTIAL EQUATIONS IN A HILBERT SPACE
ON THE EXISTENCE UNIQUENESS AND STABILITY OF SOLUTIONS OF A THIRD ORDER PARTIAL DIFFERENTIAL EQUATION
SOME COMMENTS ON EXISTENCE AND UNIQUENESS THEOREMS IN APPLIED MATHEMATICS WITH AN APPLICATION TO THIN
ON A MEAN VALUE THEOREM FOR VECTOR-VALUED FUNCTIONS WITH APPLICATIONS TO UNIQUENESS THEOREMS FOR RIGHT-HAND-
AFOSR67-1092
AFOSR67-0986
AFOSR67-2106
AFOSR67-2294
AFOSR67-1276
AFOSR67-0593
AFOSR67-2847
AFOSR67-1181
AFOSR67-1574
AFOSR67-0775

UNIRRADIATED
RECOMBINATION FLUORESCENCE IN IRRADIATED GAP AND UNIRRADIATED GAP ZNTE AND SI
AFCL67-0293

UNIT
SINGLE UNIT STUDIES OF CORTICAL CODING OF SIMPLE ACOUSTIC STIMULI
A NOTE ON THE VARIATION OF THE UNIT REYNOLDS NUMBER ON A PLAT PLATE AS A FUNCTION OF THE ANGLE OF ATTACK FINAL REPORT
RELATIONSHIPS BETWEEN RESERPINE INDUCED PHASIC EEG ACTIVITY AND SINGLE UNIT DISCHARGE IN THE PONTINE RETICULAR
A CHARACTERIZATION OF THE SET OF ASYMPTOTIC VALUES OF A FUNCTION HOLOMORPHIC IN THE UNIT DISC
OFFICER TRAINING IN TRANSITION A PARTICIPANT-OBSERVER STUDY OF AN AIR FORCE ROTC SUMMER FIELD TRAINING UNIT
AFOSR67-2771
ARL 68-0070
AFOSR67-2560
AFOSR67-2853
AFOSR67-1917

UNIT-STEP
TRANSIENT CURRENTS ON A PERFECTLY-CONDUCTING CYLINDER ILLUMINATED BY UNIT-STEP AND IMPULSIVE PLANE WAVES
AFCL67-0691

UNITARITY
UNITARITY AND THE MANDELSTAM REPRESENTATION I MOMENT CONDITIONS FOR THE DOUBLE SPECTRAL FUNCTIONS
AFOSR67-0438

UNITARY
UNITARY AND ANTIUNITARY RAY REPRESENTATIONS OF THE PRODUCT OF N COMMUTING PARITY OPERATORS
UNITARY REPRESENTATIONS OF $U(2, 2)$ AND MASSLESS FIELDS
STRUCTURE OF UNITARY SCATTERING AMPLITUDES
FEYNMAN DIAGRAMS FOR UNITARY REPRESENTATIONS OF $SL(2, C)$
EFFECTS OF STEADY DIFFUSE ILLUMINATION ON RATE OF UNITARY TONIC DISCHARGE IN THE CENTRAL VISUAL PATHWAYS OF THE
AFOSR67-0700
AFOSR67-1049
AFOSR67-2825
AFOSR67-1632
AFOSR67-2790

UNITED
THE TURBULENCE CLIMATOLOGY OF THE UNITED STATES BETWEEN 20,000 AND 45,000 FEET ESTIMATED FROM AIRCRAFT REPORTS AND
DISTRIBUTIONS OF RADAR ECHOS OVER THE UNITED STATES
GEOGRAPHY OF THE MIDCONTINENT REGION UNITED STATES PART 1 SCOPE METHODS AND PRINCIPLES PART 2 NORTHERN AREA PART 3
THE TRAVEL TIMES OF P WAVES TO 70 DEGREES IN THE CENTRAL UNITED STATES AND UPPER MANTLE STRUCTURE FINAL REPORT JULY
STUDY OF SCIENTIFIC AND TECHNICAL DATA ACTIVITIES IN THE UNITED STATES VOLUME II PART C PRELIMINARY CENSUS OF
AN INVESTIGATION OF SEISMIC WAVE PROPAGATION IN THE EASTERN UNITED STATES
RESEARCH DIRECTED TOWARD THE STUDY OF SEISMICITY IN THE SOUTHEASTERN UNITED STATES FINAL REPORT JAN 1967
AFCL67-0337
AFCL67-0732
AFOSR67-0314
AFOSR67-1664
AFOSR67-1401
AFOSR67-1943
AFCL67-0069

UNITS
SENSORY PROPERTIES OF SOME UNITS IN THE TECTUM OF THE FROG FINAL REPORT AUG 1967
MULTIMODAL SENSITIVITY OF TASTE UNITS IN THE RAT
ANALYSIS OF RESPONSES OF HANSTEN TASTE UNITS TO GUSTATORY AND THERMAL STIMULI
SPATIAL AND TEMPORAL ORGANIZATION IN RETINAL UNITS
REPRESENTATION OF BINAURAL STIMULI BY SINGLE UNITS IN PRIMARY AUDITORY CORTX OF UNANESTHETIZED CATS
STATISTICAL INDEPENDENCE OF EVENTS IN NEIGHBORING RETINAL UNITS
AFOSR67-2781
AFOSR67-2385
AFOSR67-2626
AFOSR67-2530
AFOSR67-2778
AFOSR67-2540

UNITY-GAIN
NETWORKS WITH UNITY-GAIN VOLTAGE AMPLIFIERS
AFCL67-0553

UNIVALENT
UNIVALENT FUNCTIONS WHOSE n FIRST COEFFICIENTS ARE REAL
ON THE FOURTH COEFFICIENT OF UNIVALENT FUNCTIONS WITH BOUNDED BOUNDARY ROTATION
ON THE COEFFICIENT PROBLEM FOR UNIVALENT FUNCTIONS
THE FOURTH COEFFICIENT OF A BOUNDED REAL UNIVALENT FUNCTION
THE LOCAL MAXIMUM THEOREM FOR THE COEFFICIENTS OF UNIVALENT FUNCTIONS
AFOSR67-2617
AFOSR67-2614
AFOSR67-2680
AFOSR67-2615
AFOSR67-0446

UNIVERSAL
UNIVERSAL FUNCTIONS
UNIVERSAL LOGIC CIRCUITS AND THEIR MODULAR REALIZATIONS
DISCRETE SERIES FOR THE UNIVERSAL COVERING GROUP OF THE 3 PLUS 2 DE SITTER GROUP
MODE SYNCHRONIZATION PHENOMENA IN UNIVERSAL PLASMA INSTABILITIES
INVESTIGATION OF LOGIC CIRCUIT COMPLEXES UNIVERSAL FUNCTION MODULES FINAL REPORT APR 1967
AFCL67-0144
AFOSR67-1550
AFOSR67-1620
AFOSR67-0895
AFCL67-0241

UNIVERSALITY
SUPPRESSION OF REGGE CUTS AT $t = 0$ DUE TO UNIVERSALITY OF FACTORIZED RESIDUES
SCALE OF β -SCALING AND BARYON COUPLINGS AND UNIVERSALITY IN THE ALGEBRA OF FACTORIZED RESIDUES
AFOSR67-0014
AFOSR67-2739

| | |
|---|--|
| UNIVERSSES | |
| HOMOGENEOUS LICHNEROWICZ UNIVERSES | AFOSR66-0127 |
| UNIVERSITIES | |
| PLANNING IMPROVED LIBRARY SERVICE FOR SCIENTISTS IN UNIVERSITIES | AFOSR66-123A |
| UNIVERSITY | |
| A PULSED-BEAM FACILITY FOR THE UNIVERSITY OF ROCHESTER'S MR TANTEN
WORK DONE 1967/68 AT INNSBRUCK UNIVERSITY ON INSTABILITIES THE VLASOV EQUATION FARADAY GENERATORS AND BOUNDARY LAYER
PRELIMINARY RESULTS FROM THE SYDNEY UNIVERSITY GIANT AIR SHOWER RECORDER
CRYSTAL SPECTROSCOPY AT THE JOHNS HOPKINS UNIVERSITY
COMPUTATION IN LINGUISTICS A CASE BOOK INDIANA UNIVERSITY PRESS BLOOMINGTON 1966 FINAL REPORT 1966
MATHEMATICAL THEORY OF SWITCHING CIRCUITS AND AUTOMATA UNIVERSITY OF CALIF PRESS 1966 FINAL REPORT SEPT 1966
SUMMARY OF PUBLISHED MEASUREMENTS FROM THE ATOMIC BEAM GROUP AT THE UNIVERSITY OF CALIFORNIA FROM APRIL 1962 TO MAY
PROCEEDINGS OF THE HAWAII INTERNATIONAL CONFERENCE ON SYSTEMS SCIENCE UNIVERSITY OF HAWAII HONOLULU HAWAII 29-31
DYNAMICS OF FLUIDS AND PLASMAS-SYMPOSIUM HELD IN HONOR OF PROFESSOR J M BURGERS UNIVERSITY OF MARYLAND OCTOBER 7-9
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART I AT KENT STATE UNIVERSITY AUGUST 16-20 1965
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART III AT KENT STATE UNIVERSITY AUGUST 16-20 1965
HIGH-TEMPERATURE CHEMISTRY CURRENT AND FUTURE PROBLEMS CONFERENCE ORGANIZED AT RICE UNIVERSITY HOUSTON TEXAS JANUARY
PROCEEDINGS OF THE INTERNATIONAL LIQUID CRYSTAL CONFERENCE--PART II AT THE KENT STATE UNIVERSITY AUGUST 16-20 1965
VISTAS IN SCIENCE THE THIRTEENTH AFOSR SCIENCE SEMINAR ALBUQUERQUE NEW MEXICO JUNE 1966 THE UNIVERSITY OF NEW MEXICO | AFOSR67-0989
AFOSR66-1323
AFOSR66-1965
AFOSR66-2114
AFOSR67-0525
AFOSR66-2318
AFOSR67-0661
AFOSR66-2046
AFOSR67-0939
AFOSR67-0072
AFOSR67-0074
AFOSR67-1082
AFOSR67-0973
AFOSR66-2760 |
| UNKNOWN | |
| ON SYSTEMS WITH UNKNOWN OR UNCERTAIN PARAMETERS
ADAPTIVE CONTROL OF UNKNOWN TIME VARIABLE SYSTEMS
OPTIMAL ADAPTIVE FILTER REALIZATIONS FOR SAMPLE STOCHASTIC PROCESSES WITH AN UNKNOWN PARAMETER | AFOSR66-2274
AFOSR66-0233
AFOSR67-158A |
| UNKNOWN | |
| ON THE USE OF IMPLICIT UNKNOWN IN THE LEAST SQUARE METHOD | AFOSR66-148B |
| UNLEARNING | |
| ABSOLUTE RECOVERY OF FIRST-LIST RESPONSES FROM UNLEARNING DURING 26 MINUTES FILLED WITH AN EASY RF DIFFICULT | AFOSR67-2233 |
| UNMIXED | |
| COMBUSTION PRESSURE OSCILLATIONS IN AN UNMIXED GAS ROCKET MOTOR | AFOSR67-1001 |
| UNMYELINATED | |
| A CONTRIBUTION TO THE ELECTROMAGNETIC THEORY OF THE UNMYELINATED AXON | AFOSR66-1647 |
| UNPERTURBED | |
| UNPERTURBED DIMENSIONS OF POLYCATENASULPHUR AND POLYCATENASELENIUM
TREATMENT OF THE EFFECT OF EXCLUDED VOLUME AND DEDUCTION OF UNPERTURBED DIMENSIONS OF POLYMER CHAINS CONFIGURATIONAL | AFOSR67-1206
AFOSR67-0240 |
| UNREINFORCED | |
| FURTHER RESEARCH ON THE EFFECT OF TEST MACHINE EXTENSIONAL RIGIDITY ON THE INITIAL BUCKLING LOAD OF UNREINFORCED | AFOSR67-158A |
| UNRESPONSIVENESS | |
| INDUCTION OF UNRESPONSIVENESS TO A SYNTHETIC ANTIGEN CAPABLE OF PROVOKING EXCLUSIVELY DELAYED-TYPE SENSITIVITY IN | AFOSR66-0535 |
| UNRESTRAINED | |
| SOME TECHNIQUES FOR THE ELECTRICAL BRAIN STIMULATION OF SMALL UNRESTRAINED ANIMALS | AFOSR67-0133 |
| UNSATURATED | |
| IONIC REACTIONS OF UNSATURATED COMPOUNDS. I. POLYMERIZATION OF ACETYLENE
IONIC REACTIONS IN UNSATURATED COMPOUNDS. III. PROPYLENE AND THE ISOMERIC BUTENES
IONIC REACTIONS IN UNSATURATED COMPOUNDS. II. ETHYLENE
IONIC POLYMERIZATION OF SIMPLE UNSATURATED HYDROCARBONS, ACETYLENE AND ETHYLENE
INTERMEDIATE COLLISION COMPLEXES IN ION-MOLECULE REACTIONS IN UNSATURATED HYDROCARBONS | ARL 66-0041
ARL 66-0138
ARL 66-0192
ARL 67-1237
ARL 67-1104 |
| UNSOLVABILITY | |
| THE UNSOLVABILITY OF THE EQUIVALENCE PROBLEM FOR A-FREE NONDETERMINISTIC GENERALIZED MACHINES | AFCL66-0012 |
| UNSTABLE | |
| UNSTABLE INTERMEDIATES PART XL SOLVATED ELECTRONS ELECTRON-CATION INTERACTIONS IN POTASSIUM-AMINE SOLUTIONS
UNSTABLE PLASMA IN THE RING APPROXIMATION
STABLE AND UNSTABLE SILYL AND GERMYL COMPOUNDS FINAL REPORT MARCH 1967
ON THE THEORY OF UNSTABLE PLASMAS IN THE RING APPROXIMATION I
MODES IN STABLE AND UNSTABLE REGIONS OF THE FLAT-ROOF OPEN RESONATOR | AFOSR67-0191
AFOSR66-1814
AFOSR67-0744
AFOSR66-1093
AFCL67-0357 |
| UNSTEADY | |
| UNSTEADY SOLUTIONS OF KINETIC MODELS WITH VELOCITY-DEPENDENT COLLISION FREQUENCY
UNSTEADY MAGNETOHYDRODYNAMIC FLOW PAST THIN BODIES WITH INWARDLY DIFFUSING MAGNETIC FIELD
INTEGRATION OF THE UNSTEADY NAVIER-STOKES EQUATIONS BY FINITE DIFFERENCES
ON THE CALCULATION OF UNSTEADY NONLINEAR THREE-DIMENSIONAL SUPERSONIC FLOW PAST WINGS FINAL REPORT JAN 1968
THE APPROACH TO THE BLAST WAVE IN UNSTEADY HYPERSONIC FLOW
ON NUMERICAL RESULTS OF A ONE-DIMENSIONAL UNSTEADY VARIATIONAL METHOD IN MGD
SELF-CONSISTENT SOLUTION OF NONLINEAR PROBLEMS IN UNSTEADY RADIATION GASDYNAMICS
COMBINATION OF AXIAL-SYMMETRIC TRANSONIC SWIRL FLOWS BY THE UNSTEADY FLOW APPROACH
SHOCK WAVE PRECURSOR MEASUREMENTS PART I ONE-DIMENSIONAL THEORY OF ELECTROSTATIC PROPPS IN UNSTEADY CONDITIONS WITH | AFOSR67-0692
AFOSR66-0460
ARL 67-1064
AFOSR66-0517
ARL 67-1068
AFOSR67-0677
AFOSR67-2454
ARL 66-0070
AFOSR66-1747 |
| UNSTIFFENED | |
| BUCKLING OF UNSTIFFENED CONICAL SHELLS UNDER COMBINED LOADING | AFOSR66-0629 |
| UNSTRESSED | |
| ON THE FLEXURE OF AN INFINITE PLASTIC PLATE CONTAINING A LARGE UNSTRESSED CIRCULAR HOLE | AFOSR66-0816 |
| UNSTRUCTURED | |
| WAVE IDENTITIES UNSTRUCTURED DISPERSION RELATIONS AND FEYNMAN GRAPHS | AFOSR67-2457 |

UNSUPERVISED
UNSUPERVISED LEARNING MINIMUM RISK ADAPTIVE PATTERN CLASSIFICATION
OPTIMAL UNSUPERVISED LEARNING MULTICATEGORY DEPENDENT HYPOTHESES PATTERN RECOGNITION
AFOSR67-1889
AFOSR68-2032

UNSYMMETRICAL
THE CHEMISTRY OF CARRANIONS & THE SELECTIVE ALKYLATION OF UNSYMMETRICAL KETONES
AFOSR67-1423

UNTUNED
A HIGH-POWER UNTUNED RADIO-FREQUENCY TRANSMITTER FOR PULSED NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
AFOSR68-1847

UNUSUAL
UNUSUAL POSSIBILITIES FOR THE POLYMERIZATION
PHOTOSYNTHETIC REACTIONS OF CHLOROPHYLLS WITH UNUSUAL STRUCTURES
ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS III THE SYNTHESIS OF UNUSUAL CYCLOPENTADIENYLINDIOLYDOPHUM NITROSYL
AFOSR68-2534
AFOSR68-0496
AFOSR68-0592

UNWANTED
ROTATING CRYSTAL SPECTROMETERS WITH AND WITHOUT AN AUXILIARY DEVICE FOR SUPPRESSION OF UNWANTED REFLECTIONS
AFOSR67-2497

UPPER
UPPER ATMOSPHERIC O-ATOM DENSITIES BY WIND TUNNEL SIMULATION OF NITRIC OXIDE RELEASES
UPPER AND LOWER BOUNDS FOR SOLUTIONS TO THE TRANSPORT EQUATION
UPPER AND LOWER BOUNDS AND THE GENERALIZED VARIATION-PERTURBATION APPROACH OF MANY-ELECTRON THEORY
UPPER AND LOWER BOUNDS FOR THE FREQUENCIES OF RECTANGULAR CANTILEVER PLATES
AN UPPER LIMIT TO CURCULARLY POLARIZED RADIATION FROM THE CORA NERULA
AN UPPER BOUND ON AVERAGE ESTIMATION ERROR IN NONLINEAR SYSTEMS
ON THE UPPER BOUND OF THE PROBABILITY OF ERROR OF A LINEAR PATTERN CLASSIFIER FOR PROBABILISTIC PATTERN CLASSES
THE TROPICAL UPPER TROPOSPHERIC TROUGH AS A SECONDARY SOURCE OF TYPHOONS AND A PRIMARY SOURCE OF TRADEWIND
THE RATIO OF THE UPPER TWO CRITICAL FIELDS IN PURE Mg
ON THE STRUCTURE OF THE UPPER MANTLE
DISPERSIVE WAVES IN THE UPPER ATMOSPHERE
CONTINUED FRACTIONS AND UPPER AND LOWER BOUNDS IN THE BRILLOUIN WIGNER PERTURBATION SCHEME
METASTABLE HELIUM IN THE UPPER ATMOSPHERE
PRINCIPAL SURFACES II: THE UPPER AND LOWER QUADRATIC INEQUALITIES
SEVEN OBJECTS IN STELLAR AND UPPER ATMOSPHERIC PHYSICS FINAL REPORT NOV 1968
INSTRUMENTATION AND TECHNIQUES FOR UPPER ATMOSPHERE MEASUREMENTS FINAL REPORT JUNE 1967
TECTONIC FEATURES OF THE EARTH'S CRUST AND UPPER MANTLE FINAL REPORT AUG 1967
ARRAY MEASUREMENTS OF ϕ VELOCITIES IN THE UPPER MANTLE
RESEARCH ON RELATIONS BETWEEN COSMETIC SOLAR AND UPPER ATMOSPHERIC PROCESSES FINAL REPORT APR 1967
INVESTIGATION ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTLE
INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTLE FINAL REPORT MAY 1968
ULTRASONIC ATTENUATION IN A PURE TYPE II SUPERCONDUCTOR NEAR THE UPPER CRITICAL FIELD
OBSERVATIONS ON THE RELEASE OF A CLOUD OF RADIUM ATOMS AND IONS IN THE UPPER ATMOSPHERE
AN INTEGRATED METEOR RADAR SYSTEM FOR WIND AND DENSITY MEASUREMENTS IN THE UPPER ATMOSPHERE FINAL REPORT MAY 1967
THE TRAVEL TIMES OF P WAVES TO 30 DEGREES IN THE CENTRAL UNITED STATES AND UPPER MANTLE STRUCTURE FINAL REPORT JULY
A METHOD FOR FITTING LINEARLY SEGMENTED MULTI-LAYER ATMOSPHERIC MODELS TO AN ARBITRARY SET OF UPPER AND LOWER BOUNDARY
AFOSR67-0053
AFOSR67-0320
AFOSR68-2571
ARL 68-0273
AFOSR68-1048
AFOSR68-2115
AFOSR68-1396
AFOSR67-0203
AFOSR68-1532
AFOSR67-0143
AFOSR67-1020
AFOSR68-1817
AFOSR67-0678
AFOSR68-1955
AFOSR68-0619
AFOSR67-0371
AFOSR67-1797
AFOSR68-1445
AFOSR67-0303
AFOSR67-2077
AFOSR68-1932
AFOSR68-0421
AFOSR67-0144
AFOSR67-0347
AFOSR67-1664
AFOSR67-0194

UPSALA
SOLID-STATE CALCULATIONS IN UPSALA
AFOSR68-2589

UPSTREAM
THE FLOW UPSTREAM OF A BLUNT BODY IN HYPERSONIC FLOW FROM CONTINUUM TO NEARLY FREE MOLECULE CONDITIONS
RADIATION COUPLED SHOCK LAYER INCLUDING UPSTREAM ABSORPTION EFFECTS
STUDIES ON AN INERT GAS DISK HALL GENERATOR WITH AN UPSTREAM PRE-IONIZING DISCHARGE
APL 68-1109
AFOSR68-0549
ARL 68-1020

UPTAKE
UPTAKE OF NORADRENALINE IN THE ISOLATED PERFUSED RAT HEART AFTER DEPLETION WITH DECARBORANE
THE UPTAKE OF ISOPROPRALINE IN NERVE GRANULES
REUPTAKE AND NET UPTAKE OF NORADRENALINE IN ADRENERGIC NERVE GRANULES WITH A NOTE ON THE AFFINITY FOR L- AND D-ISOMERS
MICROBIAL GROWTH ON C1 COMPOUNDS UPTAKE OF /IASUBC/ FORMALDEHYDE AND /IASUBC/ FORMATE BY METHANE-GROWN PSEUDOMONAS
SOME FACTORS AFFECTING CATECHOLAMINE UPTAKE STORAGE AND RELEASE IN ADRENERGIC NERVE GRANULES
INHIBITORY ACTION OF ADRENERGIC BLOCKING AGENTS ON CATECHOLAMINE RELEASE AND UPTAKE IN ISOLATED NERVE GRANULES
AFOSR68-2728
AFOSR67-2602
AFOSR68-0311
AFOSR67-1034
AFOSR68-0872
AFOSR67-0500

URACIL
ADDITION RADICALS FORMED BY HYDROXYL RADICAL BOMBARDMENT OF URACIL
AFOSR67-0014

URACILS
INTERACTION OF HYDROGEN ATOMS AND HYDROXYL RADICALS WITH 5-HALOGEN URACILS
AFOSR67-0048

URANIUM
HEAT CAPACITY OF ALPHA URANIUM AT A PRESSURE OF 10 KBAR BETWEEN 0.3 AND 6 DEGREES K
MAGNETIC SUSCEPTIBILITY OF URANIUM TRIFLUORIDE IN THE RANGE 2-300 DEGREES K
SUPERCONDUCTIVITY OF ALPHA-URANIUM AND URANIUM COMPOUNDS AT HIGH PRESSURE
NUCLEAR QUADRUPOLE RESONANCE INVESTIGATION OF NIOBIUM BROMIDE AND URANIUM IODIDE
THIN-ELECTRODE THIN-LAYER ELECTROCHEMISTRY KINETICS OF SECOND-ORDER DISPROPORTIONATION OF URANIUM V BY DECAY OF
AFOSR67-0160
AFOSR67-1608
AFOSR67-1211
AFOSR68-0556
AFOSR67-0542

URRACHS
INTERPRETATION OF URRACHS RULE
AFOSR68-0541

URCHIN
CILIA REGENERATION IN THE SEA URCHIN EMBRYO
CILIA REGENERATION IN THE SEA URCHIN EMBRYO EVIDENCE FOR A POOL OF CILIARY PROTEINS
CELLS EMERGING THEREFROM FOR A SPINY URCHIN
AFOSR67-1225
AFOSR67-0206
AFOSR68-0682

URFA
HYPERBOLIC URFA ITS EFFECTS ON CORTICAL AND SUBCORTICAL EVOKED POTENTIALS IN CAT
AFOSR67-0722

URH(1) IND(1)
URH(1) IND(1) DERIVATIVES OF PHYCERYTHROBIN A PROSTHETIC GROUP OF D-PHYCERYTHROBIN
AFOSR68-0531

URH(1) INS
THE OPTICAL ACTIVITY OF URH(1) INS DERIVED FROM PHYCERYTHROBIN
AFOSR68-0513

USAGE

A METHODOLOGY FOR EVALUATING TIME-SHARED COMPUTER SYSTEM USAGE

AFOSR66-0791

USPFL

A REFERENCE ORBIT USPFL IN INTEGRATING BETWEEN ACTIVITY SPHERES
A NUMERICAL INTEGRATION FORMULA USEFUL IN FOURIER ANALYSIS
RIS ATROPHTHYLELINDICHLOROMETHYL MERCURY A NEW AND USEFUL REAGENT IN SYNTHETIC ORGANOSILICON CHEMISTRY

AFOSR67-1170
AFOSR66-0663
AFOSR66-1821

USER

SCHEP USER MANUAL

AFOSR66-0937

USPR-INTERACTIVE

LINE COMPUTER USPR-INTERACTIVE PROGRAMS AND MACRO INSTRUCTIONS

AFOSR67-1405

USRS

A USERS MANUAL FOR A COMPUTER PROGRAM TO REDUCE SPECTROGRAPHIC DATA FROM A ROTATIONALLY SYMMETRIC PLASMA. FINAL REPORT APR 66-0003

USRS

THE USES OF NUCLEAR MAGNETIC RESONANCE IN THE STUDY OF LIGAND SUBSTITUTION PROCESSES
THE USES OF SOCIOLOGY IN THE MILITARY ESTABLISHMENT
THE TWO USES OF NONCOMPACT GROUP IN PARTICLE PHYSICS AND THEIR PHYSICAL APPLICATIONS
BEING LUC USES AND ABUSES OF ETHNIC IDENTIFICATION
INFORMATION NEEDS AND USES IN SCIENCE AND TECHNOLOGY

AFOSR67-2826
AFOSR66-1067
AFOSR67-1351
AFOSR66-2183
AFOSR67-2023

USING

USING CHAIN WITH A SPIN IMPURITY
USING A COMPUTER TO DESIGN COMPUTER INSTRUCTION SETS
USING ELECTRONIC CIRCUITS TO MODEL SIMPLE NEUROELECTRIC INTERACTIONS
CORRELATION USING FAST FOURIER TRANSFORMS
RAMAN LASERS USING SECONDARY RAMAN LINES
ELLIPSOGRAPHY USING A RETARDATION PLATE AS COMPENSATOR
SCHEP ANALYSIS USING THE CONCEPT OF MODEL
FEASIBILITY OF USING LINEAR PATTERN CLASSIFIERS FOR PROBABILISTIC PATTERN CLASSES
ELECTROCHEMISTRY USING THIN-LAYER CELLS
A MICROWAVE SOURCE USING ULTRASONIC AMPLIFICATION IN PIEZOELECTRIC SEMICONDUCTORS
SHOCK WAVE STUDIES USING A PLASMA WIND TUNNEL
FLOW VISUALIZATION USING GLOW DISCHARGE AT HYPERSONIC MACH NUMBERS
IONOSPHERIC RESEARCH USING SATELLITES
IONOSPHERIC RESEARCH USING SATELLITES
IONOSPHERIC RESEARCH USING SATELLITES
IONOSPHERIC RESEARCH USING SATELLITES
IONOSPHERIC RESEARCH USING SATELLITES
RADIO INTERFEROMETRY USING A BASE LINE OF 20 MILLION WAVELENGTHS
SCINTILLATION STUDIES USING THE EARLY BIRD SYNCHRONOUS SATELLITE 130-MHZ SIGNAL
IONOSPHERIC RESEARCHES USING SATELLITES
IONOSPHERIC RESEARCHES USING SATELLITES FINAL REPORT APR 1968
PATTERN RECOGNITION BY USING AN ASSOCIATIVE MEMORY
MICROWAVE RECTIFICATION USING QUARTZ
ANGULAR FLOW MGD DEVICE USING POTASSIUM GAS FINAL REPORT APRIL 1966
ACTIVE HC DELAY NETWORKS USING OPERATIONAL AMPLIFIERS
ACTIVE NETWORK SYNTHESIS USING PRACTICAL AMPLIFIERS
A HILLCLIMBING TECHNIQUE USING PIECEWISE CUBIC APPROXIMATION
NETWORK FUNCTION SYNTHESIS USING NON-IDEAL GROUNDED AMPLIFIERS AND RC ONE-PORTS
INFRARED IMAGE TRANSDUCERS USING EXTRINSIC SEMICONDUCTORS
TRANSFER FUNCTION SYNTHESIS USING RESONATORS AND SOME ACTIVE RC RESONATORS
WIND RELAXATION MEASUREMENTS USING HAVERHORN BURETS APPLICATION TO COO
FEMTO HUND STRUCTURE OF FDS USING SELF-CONSISTENT DRP AND PSEUDOPOTENTIAL METHODS
AN ACOUSTICAL TRACKING SYSTEM USING A DELTA CORRELATOR
DETERMINATION OF TRACE METALS USING COORDINATION CHAIN REACTIONS WITH MASKING AGENTS AND WITH AUTOMATED RATE
INTEGRATED SELECTIVE AMPLIFIERS USING FREQUENCY TRANSLATION
A STUDY OF TURBULENCE AT A WALL USING AN ELECTROCHEMICAL WALL SHEAR-STRESS METER
WIND MAGNETIC FIELD MEASUREMENT USING PERMALLOY-FILM UHF RESONANCE
AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS
MICROANALYTICAL NEGATIVE HELIUM IONS USING POTASSIUM VAPOUR EXCHANGE
AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS
LOW-LEVEL D-WIND ROCKET EXPERIMENTS USING LOW FREQUENCY RADIO WAVE ABSORPTION
INVESTIGATION ON POWER GENERATION USING ELECTROFLUIDODYNAMIC PROCESSES
ANALYSIS AND SYNTHESIS OF NETWORKS USING RESONATORS COMPATIBLE WITH INTEGRATED ELECTRONICS
A STUDY OF THE CORE-MANTLE BOUNDARY USING A WAVE DIFFRACTED BY THE EARTH'S CORE
PLASMA DENSITY CONTOUR MEASUREMENTS USING MOLECULAR ION BEAM BREAKUP
LOW ENERGY QUANTA IMAGE TRANSDUCERS USING A CONTROLLED RECOMBINATION MODE
A SUBMICRON D-REGION PROBE EXPERIMENT USING AN ULTRAVIOLET SOURCE TO PRODUCE IONS AND FREE ELECTRONS
STUDIES OF THE EQUATORIAL IONOSPHERE USING TRANSMISSIONS FROM ACTIVE SATELLITES FINAL REPORT SEPT 1967
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES
CHEMICAL REACTIONS ON CLEAN SURFACES USING MODULATED ATOMIC BEAM TECHNIQUES FINAL REPORT APRIL 1968
A STUDY OF THE NITRUM F110/ SURFACE USING LOW ENERGY ELECTRON DIFFRACTION TECHNIQUES
METAL ANALYSIS BY GAS CHROMATOGRAPHY USING FLUOROCARBON- CONTAINING BETA-DIKETONATE CHELATES
A HIGH PRECISION LOGARITHMIC AMPLIFIER USING SAMPLING TECHNIQUES
STUDIES OF AIRGLOW AND AURORA PHENOMENA USING INSTRUMENTATION TECHNIQUES FINAL REPORT MAR 1967
SELF-CONSISTENT DRP CALCULATION OF GAAS USING BOTH SLATERS AND KOHN-SHAMS APPROXIMATIONS FOR THE EXCHANGE POTENTIAL
KINETICS OF ATOMIC ASSOCIATION REACTIONS USING FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE FINAL REPORT NOV 1968
STUDIES OF NITRIC OXIDE CHEMILUMINESCENCE USING BOUNDARY LAYER APPROXIMATIONS FINAL REPORT APR 1968
INVESTIGATION OF MOTION IN CISELUNAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
INVESTIGATION OF MOTION IN CISELUNAR SPACE USING THE VERY RESTRICTED FOUR-BODY MODEL
PREPARATION OF PHENYL-N-SULFONYLMOPAZINES USING DIMETHYLFORAMIDE-SULFUR DIOXIDE REAGENT
STUDY OF THERMAL NEUTRON CAPTURE GAMMA RAYS USING A LITHIUM ORIENTED GERMANIUM SPECTROMETER
CHOICE OF AXES FOR PROJECTION OF DATA ON A CRT USING MULTIVARIATE ANALYSIS OF VARIANCE
NEUTRON-ANTI-NEUTRON CHARGE-EXCHANGE SCATTERING USING U 70 6/ AND THE ABSORPTION MODEL
PHOTODIODE RECORDINGS WITH ENHANCED CONTRAST USING THE STORAGE IMAGE AMPLIFIER, AND APPLICATIONS IN RESEARCH FINAL
DETERMINATION OF CARBON DIOXIDE LINE PARAMETERS USING A CARBON DIOXIDE - NITROGEN-HELIUM LASER
STUDY OF THERMOIONIC CONVERTER ELECTRODE SURFACES USING THE ELECTRON MIRROR MICROSCOPE
REACTION MATRIX ELEMENTS FOR CLOSED-SHELL NUCLEI USING REALISTIC FORCES
STUDIES OF RADIATIONLESS TRANSITIONS IN CORONENE USING NANORECOND LASER PHOTOLYSIS AND SPECTROSCOPY
ANALYSIS AND SYNTHESIS OF UNEQUALLY SPACED ARRAYS USING THE Z-TRANSFORM
STEPS TOWARD A GENERAL PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360
IMPLICATION DRIVEN HYPERVELOCITY LAUNCHER PERFORMANCE USING GASFOUS DETONATION WAVES
STUDY OF POLARIZATION OF ATMOSPHERIC SCATTERED LIGHT USING MONTE CARLO METHODS
ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
ANALYSIS OF THE NEAR-WAKE PRESSURE IN SUPERSONIC FLOW USING THE MOMENTUM INTEGRAL METHOD
MEASUREMENT OF ELECTRON SPIN-LATTICE RELAXATION TIMES USING ORDINARY EPR SPECTROMETERS
AN APPROXIMATE SOLUTION OF THE BOUNDARY LAYER EQUATIONS USING THE METHOD OF PARAMETRIC DIFFERENTIATION

AFOSR67-018R
AFOSR66-1612
AFOSR66-211R
AFOSR66-2029
AFOSR67-0341
AFOSR67-2067
AFOSR67-0133
AFOSR67-0083
AFOSR66-2321
AFOSR66-0198
AFOSR66-0147
ARL 66-1048
AFOSR67-0284
AFOSR67-0345
AFOSR67-0689
AFOSR66-0314
AFOSR66-0424
AFOSR66-2008
AFOSR67-0885
AFOSR67-0337
AFOSR66-2046
AFOSR67-1131
AFOSR67-0143
AFOSR67-1156
AFOSR67-0333
AFOSR67-0390
AFOSR67-1282
AFOSR66-0111
ARL 66-0264
AFOSR67-0130
ARL 66-0301
ARL 67-0081
AFOSR67-1564
AFOSR67-2653
AFOSR67-0339
AFOSR67-0476
AFOSR66-0078
AFOSR67-1593
AFOSR66-0900
AFOSR66-1178
AFOSR67-0560
ARL 67-1071
AFOSR67-0472
AFOSR67-2211
ARL 67-0041
AFOSR67-0050
AFOSR66-0070
AFOSR67-1898
AFOSR66-1757
ARL 67-0024
ARL 66-1075
AFOSR66-0191
AFOSR67-0431
ARL 66-1481
AFOSR66-2754
AFOSR66-0143
ARL 67-1007
ARL 66-1324
AFOSR67-1185
AFOSR67-0104
AFOSR66-0393
AFOSR66-0132
ARL 66-0100
AFOSR66-2119
AFOSR66-0101
AFOSR66-2782
ARL 66-1123
AFOSR67-0230
AFOSR66-0763
ARL 67-0274
AFOSR66-0310
ARL 67-0037
ARL 67-0240
ARL 66-0232
AFOSR67-1512

SIMULTANEOUS APPROXIMATION IN GAIN AND PHASE OF TWO-PORTS USING LATTICE OF PARALLEL RESONATORS
STATISTICAL DESCRIPTION OF A CLASS OF NONGAUSSIAN CHANNELS USING EXPANSIONS BASED ON THE LOGNORMAL DISTRIBUTION
AN INTEGRAL PREDICTION METHOD FOR TURBULENT BOUNDARY LAYERS USING THE TURBULENT KINETIC ENERGY EQUATION
EQUILIBRIUM AIR STAGNATION POINT BOUNDARY-LAYER CALCULATIONS USING A VARIABLE HEAT OF DISSOCIATION MODEL
REPRESENTATION OF THE REPRESENTATION OF TRANSPORT COEFFICIENTS USING THE AUTOCORRELATION-FUNCTION FORMALISM AND THE COMMENTS ON SOLUTION FOR A SHOCK WAVE OF RINGOAL DISTRIBUTION USING BHATTACHARYA-GROSS-KROOK MODELS
CALCULATIONS OF THE DOUBLET'S GROUND STATE OF THE LITHIUM ATOM USING WAVE FUNCTIONS OF HYLLEBERG-TYPE
ACCURATE MEASUREMENT OF ELECTRON BULK-LATTICE RELAXATION TIMES USING CV SPECTROMETERS
CONSTRUCTION OF SLOTTED DISKS FOR MECHANICAL VELOCITY SELECTORS USING ELECTRIC DISCHARGE MACHINING
HIGHER-ORDER CORRECTIONS TO COLLECTIVE PARTICLE-HOLE EXCITATIONS USING GREEN FUNCTION TECHNIQUES
CHARACTERIZATION OF NORMAL AND GENERALIZED TRUNCATED NORMAL DISTRIBUTIONS USING ORDER STATISTICS
APPROXIMATIVE SOLUTION OF AN EIGENVALUE PROBLEM OF THE HELMHOLTZ EQUATION USING LIE SERIES
DIRECT OBSERVATION OF MOLE-BURNING LORNTZ WIDTHS AND COLLISION BROADENING USING STIMULATED EMISSION TECHNIQUES
BEHAVIOR OF COMPRESSIVE MICROWAVE PHONONS AT LOW AL/SUBST/D/SUBM TEMPERATURES IN USING VAPOR-DEPOSITED THIN-FILM
BEST LINEAR UNBIASED ESTIMATORS OF THE PARAMETERS OF THE LOGISTIC DISTRIBUTION USING ORDER STATISTIC
THE VAPOR PRESSURE VAPOR DIMERIZATION AND HEAT OF SUBLIMATION OF ALUMINUM FLUORIDE USING THE ENTRAINMENT METHOD
APPROXIMATE RUGH SLIP VELOCITY DIRECTION DETERMINATION FOR IBERIAN NON SHALLOW SHOCKS USING THE POLARIZATION ANGLE FROM
NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY- WAVE NUMBER SPECTRA OF SEISMIC EVENTS USING LINEAR ARRAYS
PROPERTIES OF THE 715-DIMENSIONAL SU(2) SUPERMULTIPLETS OF NEGATIVE-PARITY EXCITATIONS OF OXYGEN 16 USING REALISTIC
SIMULTANEOUS LINEAR ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF THE EXTREME-VALUE DISTRIBUTION USING SELECTED

AFCL67-0869
AFCL67-0432
AFOSR68-1888
ARL 68-0349
AFOSR68-0046
AFOSR68-1230
AFOSR68-2870
ARL 68-1480
AFOSR67-2204
AFOSR68-1372
AFOSR67-0684
AFOSR67-2435
AFOSR67-2663
AFCL67-0016
ARL 67-0261
AFOSR68-1262
AFOSR68-1434
AFOSR67-1201
AFOSR67-2601
ARL 67-1004

USSR

REVIEW OF CLINICAL AND EXPERIMENTAL STUDIES IN CONDITIONAL REFLEXES PSYCHO AND NEUROPHYSIOLOGY IN USSR CZECHOSLOVAKIA

AFOSR67-1246

USURKY?

THE GOURSAT PROBLEM FOR THE PARTIAL DIFFERENTIAL EQUATION $U_{XX} + U_{YY} = F(X, Y)$

AFOSR67-1471

UTIAS

PERFORMANCE ANALYSIS OF UTIAS IMPLOSION-DRIVEN HYPERVELOCITY LAUNCHER

ARL 68-0016

UTILITY

UTILITY OF QUANTIZED MODELS OF FADING FOR ERROR ANALYSIS FINAL REPORT JAN 1968
SPECIAL UTILITY PROGRAMS TO ENHANCE THE PERFORMANCE OF AN ON-LINE MEDIUM SIZE PROCESSOR USED FOR STATISTICAL

AFCL68-0033
AFCL67-0605

UTILIZATION

UTILIZATION OF PAST DATA IN NUMERICAL FORECASTING
UTILIZATION OF THE LAMBDA FUNCTIONS IN THE ANALYSIS AND SYNTHESIS OF MONOPULSE ANTENNA DIFFERENCE PATTERNS
CONCEPT UTILIZATION
SPECIFICATION AND UTILIZATION OF A TRANSFORMATIONAL GRAMMAR
SPECIFICATION AND UTILIZATION OF A TRANSFORMATIONAL GRAMMAR FINAL REPORT JULY 1968
DESIGN OF ADAPTIVE CONTROL SYSTEMS THROUGH UTILIZATION OF SENSITIVITY CONCEPTS
RESEARCH AND DEVELOPMENT LABORATORY MANAGEMENT KNOWLEDGE UTILIZATION STUDY FINAL REPORT JULY 1968
CHOICE BETWEEN AUTOTROPHY AND HETEROTROPHY IN PSEUDOMONAS ORALATY UTILIZATION OF ORALATY BY CELLS AFTER ADAPTATION

AFCL68-0273
AFOSR68-0436
AFOSR67-1831
AFCL68-0070
AFCL68-0371
AFOSR68-0008
AFOSR68-1654
AFOSR68-1990

UTILIZING

OSCILLATORS UTILIZING SUPERCONDUCTING RESONATORS
ON AN ADAPTIVE TLU UTILIZING FERROMAGNETIC THIN-FILM WEIGHTS
PHOTOLYSIS STUDIES UTILIZING RADIOACTIVE TRACERS FINAL REPORT APRIL 1967
A UNIQUE LASER DETECTOR UTILIZING THE PHOTOELECTRIC EFFECT IN COOLED SEMICONDUCTORS
HIGH-STABILITY PHOTOMETER UTILIZING OPTICAL FEEDBACK
A ROCKET BORNE AIR DENSITY MEASUREMENT SYSTEM UTILIZING ELECTRON-BREMSSTRAHLUNG-CALIBRATION AND FLIGHT
OPERATION OF A LONG PERIOD SEISMOGRAPH NETWORK UTILIZING MAGNETIC TAPE RECORDING AND ANALYSIS OF DATA RECORDED ON
AN APPROACH TO RADIATION SOURCE DESIGN FOR MILITARY APPLICATION UTILIZING THE WALL-STABILIZED ARC AS AN EXAMPLE FINAL

AFOSR67-1567
AFOSR67-0833
AFOSR67-1079
AFOSR67-2138
AFOSR68-0364
AFCL67-0613
AFCL67-0449
ARL 67-0179

UTTERANCES

COAPTICULATION IN VCV UTTERANCES SPECTROGRAPHIC MEASUREMENTS
PERCEPTION OF SEGMENTS OF VCV UTTERANCES

AFCL67-0286
AFCL67-0287

V-STOL

THRUST AUGMENTATION FOR V-STOL ARLS RESEARCH AND CONCEPTS FINAL REPORT MARCH 1967

ARL 67-0065

V-THETA

ELEMENTARY AND COMPOSITE PARTICLES IN THE V-THETA SECTOR OF THE LEE MODEL

AFOSR68-0306

V/STOL

GLOBAL ASPECTS OF V/STOL
ARL RESEARCH APPLICATIONS TO V/STOL AIRCRAFT

ARL 68-1398
ARL 68-1401

VACANCIES

O-STRUCTURE AND K-SHELL VACANCIES IN NEON-NEON COLLISIONS AT 150 TO 400 KEV
O STRUCTURE AND INNER-SHELL VACANCIES IN NEON-NEON AND KRYPTON-KRYPTON COLLISIONS

AFOSR67-1137
AFOSR68-2062

VACANCY

EFFECTIVE RADIUS OF A VACANCY AND THE CALCULATION OF SOLUBILITY LIMITS IN CRYSTALS OF HIGHLY IONIC PHASES OF THE
ATOMIC READJUSTMENT TO AN INNER-SHELL VACANCY MANGANESE POTASSIUM X-RAY EMISSION SPECTRA FROM AN IRON 55 POTASSIUM-

AFOSR68-0914
AFOSR67-1141

VACUUM

VACUUM ULTRAVIOLET RADIATION AS AN IMPORTANT MEANS OF ENERGY TRANSPORT IN A PLASMA
A SIMPLE VACUUM SEAL FOR NON-CIRCULAR TUBES
EFFECT OF VACUUM ENVIRONMENT ON THE BEHAVIOR OF MATERIALS
THE EFFECT OF VACUUM ON SURFACE DAMAGE IN FATIGUE FINAL REPORT SEPT 1967
PRODUCTION OF ULTRAHIGH VACUUM BY FLASHED GETTERS
SIMPLE MOVABLE PROBE FOR VACUUM
SIMPLE MOVABLE PROBE FOR VACUUM
A RADIATION STANDARD FOR VACUUM ULTRAVIOLET
ARC PLASMA DIAGNOSTICS WITH VACUUM ULTRAVIOLET RADIATION FINAL REPORT AUG 1967
THE SPECTRUM OF NOCI SUBP IN THE VACUUM ULTRAVIOLET
EXPANSION OF UNIFORM GAS CLOUDS INTO A VACUUM
CURRENT DISTRIBUTION FOR WIRE EXPLODED IN VACUUM
A STUDY OF X-RAY FLUORESCENCE METHOD WITH VACUUM AND AIR- PATH SPECTROGRAPHS FOR THE DETERMINATION OF FILM THICKNESSES
QUANTITATIVE REFLECTION ELECTRON DIFFRACTION IN AN ULTRA HIGH VACUUM CAMERA
CRYSTALLINE GROWTH OF GOLD AND SILVER ON MAGNESIUM OXIDE CLEAVED IN ULTRAHIGH VACUUM
LOW-ENERGY ELECTRON DIFFRACTION STUDIES OF EPITAXIAL GROWTH OF SILVER AND GOLD IN ULTRAHIGH VACUUM

ARL 68-1188
AFOSR67-2075
AFOSR68-0371
AFOSR67-2399
ARL 67-0075
ARL 68-0150
ARL 68-0188
ARL 68-1185
ARL 67-0178
AFOSR67-0016
AFOSR67-1258
AFCL68-0328
ARL 68-0001
AFOSR68-0557
AFOSR67-2318
AFOSR67-1173

VALENCE

VALENCE TAUOMERISM IN CYCLO-DECATETRAHAPHTHENE TRICARBONYL
VALENCE SHEL CALCULATIONS ON POLYATOMIC MOLECULES II: CNDO SCF CALCULATIONS ON MONOSUBSTITUTED BENZENES
NOTES ON A VALENCE ELECTRON MODEL OF ATOMS
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL CDS, CDSE, ZNS AND ZNSE
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL CDS, CDSE, ZNS, AND ZNSE
A COMPUTATION OF THE POINTS/GAMMA AND CH1 FOR THE VALENCE AND CONDUCTION BANDS OF SODIUM CHLORIDE
APPLICATION OF MULTILAYER ANALYZERS TO 18-180 A FLUORESCENCE SPECTROSCOPY FOR CHEMICAL AND VALENCE BAND ANALYSIS

AFOSR67-2290
AFOSR68-1148
AFOSR68-1809
ARL 67-1082
ARL 67-1084
AFOSR68-0701
AFOSR67-0038

VALENCE-BAND

LINEAR CRYSTAL MOMENTUM VALENCE-BAND SPLITTING IN INDIUM ANTIMONIDE

AFOSR68-1469

VALENCE-CELL

GROUND STATES OF SIGMA-BONDED MOLECULES III: VALENCE-CELL AND PI-ELECTRON SCF MO CALCULATIONS FOR CONJUGATED

AFOSR68-1888

VALIDATION

METHODS OF VALIDATION OF JUDGMENTS IN DECISION MAKING FINAL REPORT AUG 1967

AFOSR67-2493

VALIDITY

VALIDITY OF DETAILED BALLOON SOUNDINGS IN BOOSTER VEHICLE DESIGN
VALIDITY OF THE RYTOV APPROXIMATION IN OPTICAL PROPAGATION CALCULATIONS
VALIDITY OF EVIDENCE ALLEGED TO DISTINGUISH PLANAR TETRAHEDRAL AND BRIDGE RADICALS
THE VALIDITY OF PERTURBATION SERIES WITH ZERO RADIUS OF CONVERGENCE
CONDITIONS FOR THE VALIDITY OF SUM RULES
CONDITIONS FOR THE VALIDITY OF THE ANGULAR SPECTRUM OF PLANE WAVES
AN EXTENSION OF THE VALIDITY OF THE STATIONARY PHASE FORMULA
A SIMPLE RULE FOR CHECKING THE VALIDITY OF CERTAIN DETECTION FORMULAS
CONFORMATIONAL ANALYSIS III: THE VALIDITY OF THE NUCLEAR MAGNETIC RESONANCE METHOD OF ESTABLISHING CONFORMATIONAL
HOW TO SHORTEN A TEST AND INCREASE ITS RELIABILITY AND VALIDITY

AFCL68-0606
AFOSR67-0484
AFOSR68-2909
AFOSR67-2288
AFOSR68-0787
AFOSR68-2806
AFOSR67-2686
AFOSR67-1700
AFOSR68-0677
AFOSR68-2159

VALUE

BOUNDARY VALUE PROBLEMS AND THE POINCARÉ-LEFSCHETZ MAPPING
BOUNDARY VALUE PROBLEMS FOR WEDGES AND CONES UNDER HEAT CONDUCTION
ON FINAL VALUE CONTROL
SINGULAR VALUE INEQUALITIES
ON A MEAN VALUE THEOREM FOR VECTOR-VALUED FUNCTIONS WITH APPLICATIONS TO UNIQUENESS THEOREMS FOR RIGHT-HAND-
BOUNDS ON THE VALUE OF A DIRICHLET INTEGRAL REPRESENTING A COEFFICIENT OF APPARENT MASS
STRESS BOUNDARY VALUE PROBLEMS FOR INFINITE WEDGES
THE FIRST BOUNDARY VALUE PROBLEM FOR CERTAIN LINEAR ELLIPTIC DIFFERENTIAL EQUATIONS INVOLVING TWO SMALL PARAMETERS
TWO-POINT BOUNDARY VALUE PROBLEMS OF LINEAR HAMILTONIAN SYSTEMS
EFFECTS OF ASSOCIATION VALUE ON PERCEPTUAL SEARCH
THE RIEMANNIAN BOUNDARY VALUE PROBLEM AS APPLIED TO A MEMBRANE HAVING AN IRREGULAR SHAPE FINAL REPORT AUG 1967
AN EXTENSION OF THE INITIAL VALUE THEOREM AND ITS APPLICATION TO RANDOM SIGNAL ANALYSIS
SINGULAR PERTURBATIONS OF BOUNDARY VALUE PROBLEMS FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS INVOLVING TWO PARAMETERS
THE LAMODA-METHOD FOR LINEAR BOUNDARY VALUE PROBLEMS
ON THE SIGNIFICANT LAW RELATING ASSOCIATION VALUE /ALPHA/ AND SCALED MEANINGFULNESS /M PRIME/
THE LAPLACE TRANSFORM AND INITIAL-BOUNDARY VALUE PROBLEMS
THIN ELASTIC PLATES AND SHELLS AND BOUNDARY VALUE PROBLEMS FINAL REPORT FEB 1968
COMPARISON THEOREMS FOR NONLINEAR ORDINARY BOUNDARY VALUE PROBLEMS
UNIFORM ASYMPTOTIC SOLUTIONS OF DISCONTINUOUS INITIAL VALUE PROBLEMS FOR DISPERSIVE HYPERBOLIC EQUATIONS
SOME ANALYTICAL METHODS FOR SOLVING A CLASS OF BOUNDARY VALUE PROBLEMS
VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE II: BOUNDARY VALUE PROBLEMS FOR THE MINIMAL SURFACE EQUATION
RELATIONS BETWEEN THE CALCULUS OF VARIATIONS AND BOUNDARY VALUE PROBLEMS FINAL REPORT APRIL 1968
LECTURE SERIES IN DIFFERENTIAL EQUATIONS SESSION 3 BOUNDARY VALUE PROBLEMS
QUASILINEARIZATION DIFFERENCE APPROXIMATION AND NONLINEAR BOUNDARY VALUE PROBLEMS
THE CORRESPONDENCE PRINCIPLE OF LINEAR VISCOELASTICITY THEORY FOR MIXED BOUNDARY VALUE PROBLEMS INVOLVING
THE ASYMPTOTIC DISTRIBUTION OF EIGENVALUES AND EIGENFUNCTIONS FOR ELLIPTIC BOUNDARY VALUE PROBLEMS

AFOSR67-2715
AFOSR68-1048
AFOSR68-1880
AFOSR68-2608
AFOSR67-0778
ARL 67-1276
AFOSR68-0706
AFOSR67-2248
AFOSR68-0363
AFOSR67-1820
AFOSR67-1788
AFOSR68-1832
AFOSR67-2348
AFOSR67-0978
AFOSR68-0884
AFOSR67-1268
AFOSR68-0713
ARL 68-1286
AFOSR67-1849
AFCL68-0362
AFOSR68-0286
AFOSR68-0906
AFOSR67-2301
AFOSR68-2417
AFOSR68-1643
AFOSR68-0173

VALUED

CALCULUS OF SET VALUED FUNCTIONS AND CONTROL
SPHERICAL CAPS AND RANDOM VALUED HARMONIC FUNCTIONS

AFOSR68-1831
AFOSR68-1739

VALUES

MEASUREMENT OF Q VALUES FROM THE FREE OSCILLATIONS OF THE EARTH
MEASUREMENT OF G VALUES IN THE ELECTRON SPIN RESONANCE SPECTRA OF FREE RADICALS
RECOVERY OF METAL VALUES
THE SET OF ASYMPTOTIC VALUES OF A BOUNDED HOLOMORPHIC FUNCTION
DETERMINATION OF THE MEAN VALUES OF CONDUCTIVITY AND DIELECTRIC CONSTANT FROM THE FIELD STRUCTURE OF A MAGNETIC DIPOLE
DISTRIBUTIONS AND THE BOUNDARY VALUES OF ANALYTIC FUNCTIONS
A COMBINATION OF BINDING ENERGY VALUES OF LIGHT HYPERNUCLEI
INTERPOLATION WITH POLYNOMIALS TO BOUNDARY VALUES FINAL REPORT SEPT 1968
A CHARACTERIZATION OF THE SET OF ASYMPTOTIC VALUES OF A FUNCTION HOLOMORPHIC IN THE UNIT DISC
A REMARK ON THE SINGULAR CAUCHY PROBLEM FOR ALL VALUES OF THE TIME FOR THE EULER-POISSON-DARBOUX EQUATION
USE OF HILBERT-PEYMAN AND HYPERVIRIAL THEOREMS TO OBTAIN ANHARMONIC VIBRATION-ROTATION EXPECTATION VALUES AND THEIR

AFCL68-0161
AFOSR68-0385
ARL 67-1191
AFOSR68-2852
AFCL67-0694
AFOSR67-1272
AFOSR67-1005
AFOSR68-2406
AFOSR68-2853
AFOSR67-0146
AFOSR67-0269

VANADATE

ELECTRONIC STRUCTURE OF THE MANGANATE CHROMATE VANADATE ION FROM THE METAL POTASSIUM X-RAY SPECTRA
CRYSTAL CHEMISTRY AND MAGNETIC RESONANCE PROPERTIES OF THE VANADATE GARNETS FINAL REPORT OCT 1968

AFOSR67-0493
AFCL68-0467

VANADITE

SCANDIUM TITANITE AND SCANDIUM VANADITE SCANDIUM TITANIUM OXIDE AND SCANDIUM VANADIUM OXIDE

AFOSR67-1628

VANADIUM

FERROMAGNETISM IN /AUSUM/ GOLD VANADIUM ALLOY
OPTICAL ABSORPTION COEFFICIENTS OF VANADIUM PENTOXIDE SINGLE CRYSTALS FINAL REPORT MARCH 1967
THE G-FACTOR OF THE 305 KEV STATE OF VANADIUM 48/
STUDIES CONCERNING HYDROLYSIS OF METALLIC IONS 55: VANADIUM /III/ IN 3 MOLAR KCL MEDIUM/
POLYMERIZATION OF STYRENE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM VANADIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS
SCANDIUM TITANITE AND SCANDIUM VANADITE SCANDIUM TITANIUM OXIDE AND SCANDIUM VANADIUM OXIDE
SINGLE-CRYSTAL STUDIES OF ELECTRICAL CONDUCTIVITY SEEBECK EFFECT AND HALL VOLTAGE IN SODIUM VANADIUM BROMIDE AND A

AFOSR67-1878
AFOSR67-0786
AFOSR67-1838
AFOSR67-1294
AFOSR67-2543
AFOSR67-1628
AFOSR68-1474

VANADIUM/110

ADSORPTION ON NIOBIUM/110, TANTALUM/110, AND VANADIUM/110 /SURFACES

ARL 67-0153

| | |
|--|--------------|
| VANADIUM | |
| SPECIFIC HEAT OF GOLD-FOUR VANADIUM | AFOSR68-0582 |
| VANISHING | |
| THE VANISHING OF A THETA CONSTANT IS A PECULIAR PHENOMENON | AFOSR67-2357 |
| POSSIBLE VANISHING OF STRONG INTERACTION CROSS-SECTION AT INFINITE ENERGIES | AFOSR67-0273 |
| VAPOR | |
| VAPOR PHASE COMBUSTION OF BERYLLIUM AND ALUMINUM FINAL REPORT MARCH | AFOSR68-1249 |
| VAPOR PRESSURES, HEATS OF VAPORIZATION, AND HEATS OF SUBLIMATION OF VOLATILE LANTHANIDE CHLORIDES | ARL 67-1120 |
| VAPOR PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS | ARL 67-1192 |
| THE VAPOR PRESSURE VAPOR DENSIFICATION AND HEAT OF SUBLIMATION OF ALUMINUM FLUORIDE USING THE ENTRAINMENT METHOD | AFOSR68-1262 |
| CHEMICAL VAPOR DEPOSITION OF THIN FILM DIELECTRICS | AFOSR68-1796 |
| THE VAPOR PRESSURE VAPOR DENSIFICATION AND HEAT OF SUBLIMATION OF ALUMINUM FLUORIDE USING THE ENTRAINMENT METHOD | AFOSR68-1262 |
| REACTIONS OF CARBON VAPOR IN REACTION OF METASTABLE CARBON ATOMS /SUPER I 3/ WITH OLEFINS SUPER I.2 | AFOSR68-2900 |
| THERMOGRAVIMETRIC ANALYSES AND VAPOR PHASE SEPARATIONS OF VOLATILE METAL COMPLEXES | ARL 68-1053 |
| THEORETICAL CRYSTALS GROWN BY VAPOR DEPOSITION IN A SOLAR FURNACE | AFOSR67-1139 |
| SAHM CHARACTERISTICS OF A WATER VAPOR LASER | AFOSR68-2445 |
| SONIC DETECTION OF A PULSED WATER VAPOR LASER | AFOSR68-2445 |
| ELECTRONIC ENERGY RELAXATION IN TOLUENE VAPOR | AFOSR68-2671 |
| THE METALLOGRAPHIC STRUCTURE OF CONTINUOUS VAPOR DEPOSITED S/C FILAMENTS | ARL 68-0164 |
| EFFECT OF IMPRISONMENT OF RADIATION IN SODIUM VAPOR ON THE MEASURED LIFETIME OF THE 3 SUPER 2P STATES | AFOSR67-1129 |
| STRUCTURED FLUORESCENCE SPECTRUM OF ANTHRACENE VAPOR | AFOSR68-0730 |
| ACCELERATION OF MICROPARTICLES BY LASER-INDUCED VAPOR EMISSION | AFOSR68-1356 |
| FLUORESCENCE AND PHOSPHORESCENCE OF SULFUR DIOXIDE VAPOR | AFOSR68-2849 |
| GROWTH OF SAMARIUM EUROPIUM THULIUM AND YTTERBIUM METAL BY VAPOR DEPOSITION | AFOSR67-0492 |
| COMPARISON BETWEEN EXPERIMENTAL AND CALCULATED SPECTRA OF CARBON DIOXIDE AND WATER VAPOR | AFOSR68-0105 |
| VAPOR-DEPOSITED | |
| FABRICATION OF VAPOR-DEPOSITED THIN FILM PIEZOELECTRIC TRANSDUCERS FOR THE STUDY OF PHONON BEHAVIOR IN DIELECTRIC | AFOSR67-0627 |
| BEHAVIOR OF COHERENT MICROWAVE PHONONS AT LOW ALUMINUM/OSIUM TEMPERATURES IN USING VAPOR-DEPOSITED THIN-FILM | AFOSR67-0016 |
| VAPOR-INERT | |
| CONDENSATION IN A RAPIDLY EXPANDING METAL VAPOR-INERT GAS MIXTURE FINAL REPORT APRIL 1967 | ARL 67-0071 |
| VAPOR-LIQUID | |
| THERMODYNAMIC ANALYSIS OF VAPOR-LIQUID AND VAPOR-SOLID EQUILIBRIA DATA TO OBTAIN INTERACTION SECOND VIRIAL | AFOSR67-1245 |
| VAPOR-PLATING | |
| VAPOR-PLATING METALS FROM FLUOROCARBON KETO METAL COMPOUNDS | ARL 67-1161 |
| VAPOR-SOLID | |
| THERMODYNAMIC ANALYSIS OF VAPOR-LIQUID AND VAPOR-SOLID EQUILIBRIA DATA TO OBTAIN INTERACTION SECOND VIRIAL | AFOSR67-1245 |
| VAPOR-SOLVENT | |
| VAPOR-SOLVENT GROWTH OF SEMICONDUCTING CRYSTALS FINAL REPORT MAY 1966 | AFOSR68-2867 |
| VAPORIZATION | |
| ATOMIZATION AND VAPORIZATION OF A LIQUID SHEET EXPOSED TO A SUPERSONIC AIRSTREAM | AFOSR68-1421 |
| CONDENSATION-ENHANCED VAPORIZATION RATES IN NONISOTHERMAL SYSTEMS | AFOSR68-2824 |
| VAPOR PRESSURES, HEATS OF VAPORIZATION, AND HEATS OF SUBLIMATION OF VOLATILE LANTHANIDE CHLORIDES | ARL 67-1120 |
| SPECTROSCOPIC STUDIES OF THE VAPORIZATION OF HIGH TEMPERATURE MATERIALS FINAL REPORT APRIL 1966 | AFOSR68-1211 |
| ENHANCEMENT OF DIFFUSION-LIMITED VAPORIZATION RATES BY CONDENSATION WITHIN THE THERMAL BOUNDARY LAYER I THE CRITICAL | AFOSR68-1202 |
| VAPORS | |
| SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS IX ENERGY TRANSFER IN COLLISIONS BETWEEN SODIUM AND INERT GAS ATOMS | AFOSR67-2284 |
| OPTICAL PUMPING IN ALKALI METAL VAPORS FINAL REPORT FEB 1968 | AFOSR68-1746 |
| DIFFUSION COEFFICIENTS FOR ORGANIC VAPORS IN POLYVINYL ACETATE | ARL 67-0183 |
| VAPORS | |
| MICROAMPERE NEGATIVE HELIUM IONS USING POTASSIUM VAPOR EXCHANGE | AFOSR68-0900 |
| VAPOURS | |
| HOMOGENEOUS NUCLEATION AND GROWTH OF DROPLETS IN VAPOURS | AFOSR67-0507 |
| VARIABILITY | |
| THE VARIABILITY OF RHO PUPPIS | AFOSR67-0023 |
| VARIABLE | |
| VARIABLE AIR TRANSFORMER FOR IMPEDANCE MATCHING | AFOSR67-0142 |
| VARIABLE PROPERTY EFFECTS ON LIQUID DROPLET COMBUSTION | AFOSR68-2825 |
| VARIABLE CONDUCTIVITY FULLY DEVELOPED HNO CHANNEL FLOW FINAL REPORT MARCH 1967 | ARL 67-0046 |
| VARIABLE CONDUCTIVITY WPD COUETTE FLOW | ARL 67-1277 |
| INTEGRATED VARIABLE CAPACITORS FOR LARGE CAPACITANCE VARIATIONS | AFOSR67-0130 |
| AN INVESTIGATION OF A VARIABLE WAVEGUIDE COUPLER WITH 360 DEGREES OF PHASE CONTROL | AFOSR67-0090 |
| FUNCTIONS OF A COMPLEX VARIABLE FINAL REPORT JUNE 1968 | AFOSR68-1405 |
| A NOTE ON THE CREEP OF VARIABLE THICKNESS CIRCULAR PLATES | AFOSR68-1773 |
| SPE OF THE COMMUNICATOR AS A VARIABLE IN SOURCE CREDIBILITY | AFOSR67-1420 |
| STABILITY REGIONS OF DISCRETE VARIABLE METHODS FOR ORDINARY DIFFERENTIAL EQUATIONS | AFOSR67-2329 |
| ADAPTIVE CONTROL OF UNKNOWN TIME VARIABLE SYSTEMS | AFOSR68-0233 |
| SPECTROPHOTOMETRY OF NEW SHORT-PERIOD VARIABLE STARS | AFOSR67-2024 |
| COMPLEX FOURIER TRANSFORM TECHNIQUE IN VARIABLE COEFFICIENT PARTIAL DIFFERENTIAL EQUATIONS | AFOSR67-2849 |
| ON THE USE OF IONIZATION LEVEL AS AN INDEPENDENT VARIABLE FOR PLOTTING PLASMA TRANSPORT PROPERTIES | ARL 68-0289 |
| WIND TUNNEL TESTS OF SIMULATED SPHERICAL HAILSTONES WITH VARIABLE ROUGHNESS | AFOSR67-1910 |
| AN ALGORITHM FOR THE ANALYSIS AND DESIGN OF LINEAR STATE VARIABLE FEEDBACK SYSTEMS | AFOSR68-2049 |
| MEMORY EFFECTS AND THE AUTOCORRELATION FUNCTION OF DYNAMICAL VARIABLE | AFOSR68-0029 |
| EQUILIBRIUM AND STAGNATION POINT BOUNDARY-LAYER CALCULATIONS USING A VARIABLE HEAT OF DISSOCIATION MODEL | ARL 68-0349 |
| ANALYSIS AND SYNTHESIS OF DISCRETE-TIME SYSTEMS WITH CONTROL SIGNALS OF VARIABLE AMPLITUDE AND PULSE-WIDTH | AFOSR67-1487 |
| HEAT TRANSFER FROM CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBERS I THEORY FOR VARIABLE PROPERTY FLOW | AFOSR67-2065 |
| VARIABLE-DATA-RATE | |
| FIXED-WORD-DURATION VARIABLE-DATA-RATE PROCEPORS FOR FEEDBACK COMMUNICATION SYSTEMS | AFOSR67-0379 |

VARIABLE-RADIUS

AN INEXPENSIVE VARIABLE-RADIUS CENTRIFUGE FOR PHYSIOLOGICAL EXPERIMENTS

AFOSR67-0671

VARIABLE-WIDTH

VARIABLE-WIDTH GATE FOR KAHN-BORN PULSE HEIGHT DETECTOR

AFOSR68-0010

VARIABLES

MODERN VARIABLES IN QUANTUM THEORY FINAL REPORT NOV 1967
 COMPLEX VARIABLES AND APPLICATIONS
 SET AND ADP AS VARIABLES IN PERSUASIBILITY
 INVESTIGATION OF THE VARIABLES CONTROLLING THE FLUX GROWTH OF HIGH QUALITY LASER CRYSTALS FINAL REPORT MAR 1967
 EFFECTS OF EXPERIMENTAL VARIABLES IN OXIDATIONS OF ALUMINUM
 THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER
 THE INFLUENCE OF EXTRUSION VARIABLES ON THE MICRO STRUCTURE OF COPPER
 NORMAL THRESHOLD IN SUBENERGY VARIABLES
 THERMODYNAMICS WITH INTERNAL STATE VARIABLES
 ON THE OSCILLATION OF SUMS OF RANDOM VARIABLES
 ON HAYES SCQUENTIAL DESIGN WITH TWO RANDOM VARIABLES
 CONVERGENCE RATES FOR WEIGHTED SUMS OF RANDOM VARIABLES FINAL REPORT APRIL 1968
 INDIVIDUAL DIFFERENCES AND THEORETICAL PROCESS VARIABLES GENERAL COMMENTS ON THE CONFERENCE
 ON SEVERAL STATISTICAL CHARACTERISTICS OF NERA VARIABLES FINAL REPORT OCT 1967
 A PROPERTY OF SYMMETRIC (INTERCHANGEABLE) RANDOM VARIABLES
 RELATIVISTIC TRANSFORMATION LAWS FOR THERMODYNAMICAL VARIABLES WITH APPLICATION TO THE CLASSICAL ELECTRON THEORY
 ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL COMPLEX VARIABLES
 INVESTIGATION OF DECISION THEORY WITH CORRELATED RANDOM VARIABLES
 ON LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES
 AN ALGEBRAIC TREATMENT OF FLUCTUATIONS OF SUMS OF RANDOM VARIABLES
 TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES II
 TABLES OF DISTRIBUTIONS OF QUADRATIC FORMS IN CENTRAL NORMAL VARIABLES I
 GROWTH AND DECAY OF DISCONTINUITIES IN FLUIDS WITH INTERNAL STATE VARIABLES
 SERIES REPRESENTATIONS OF DISTRIBUTIONS OF QUADRATIC FORMS IN NORMAL VARIABLES II NON-CENTRAL CASE
 THE DIRICHLET PROBLEM FOR QUASILINEAR EQUATIONS WITH MANY INDEPENDENT VARIABLES
 A LINDOLF THEOREM AND ANALYTIC CONTINUATION FOR FUNCTIONS OF SEVERAL VARIABLES WITH AN APPLICATION TO THE FEYNMAN
 UNIQUENESS THEOREMS FOR ANALYTIC CONTINUATION OF ONE AND OF SEVERAL COMPLEX VARIABLES
 SYNTHESIS OF FINITE PASSIVE NETWORKS WITH PRESCRIBED POSITIVE REAL MATRICES OF SEVERAL VARIABLES
 MAXIMUM LIKELIHOOD ESTIMATION OF THE DISTRIBUTIONS OF TWO STOCHASTICALLY ORDERED RANDOM VARIABLES
 FINITE DIFFERENCE SOLUTION OF THE LAMINAR COMPRESSIBLE BOUNDARY LAYER EQUATIONS IN THE VON MISES VARIABLES WITH
 ON THE DISTRIBUTION OF LINEAR FUNCTIONS AND RATIOS OF LINEAR FUNCTIONS OF ORDERED CORRELATED NORMAL RANDOM VARIABLES
 SOME RESULTS GIVING RATES OF CONVERGENCE IN THE LAW OF LARGE NUMBERS FOR WEIGHTED SUMS OF INDEPENDENT RANDOM VARIABLES

AFCL68-0127
 ARL 68-1276
 AFOSR67-2485
 AFCL67-0166
 AFOSR67-0905
 ARL 68-1186
 ARL 68-1380
 AFOSR67-0329
 AFOSR67-2429
 AFOSR67-1015
 AFOSR67-0788
 AFOSR68-1072
 AFOSR67-1810
 DNA 67-0010
 AFOSR67-0874
 AFOSR67-0192
 AFOSR67-2789
 AFOSR68-1854
 ARL 67-0260
 AFOSR68-1642
 AFOSR68-0793
 AFOSR68-0849
 AFOSR67-2676
 AFOSR67-0406
 AFOSR68-1840
 AFOSR68-2526
 AFOSR68-0986
 RADC 67-0365
 AFOSR67-1012
 ARL 67-0050
 ARL 67-0263
 AFOSR67-0942

VARIANCE

BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATION BETWEEN RANDOM EFFECTS AND THE NUMBER OF
 BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECTS AND THE NUMBERS OF
 BIASES IN VARIANCE COMPONENT ESTIMATORS ATTRIBUTABLE TO CORRELATIONS BETWEEN RANDOM EFFECT AND THE NUMBERS OF
 ESTIMABILITY OF VARIANCE COMPONENTS FOR THE TWO-WAY CLASSIFICATION WITH INTERACTION
 ESTIMATION OF THE INNOVATION VARIANCE OF A STATIONARY TIME SERIES
 THEORY AND TABLES FOR TESTS OF HYPOTHESES CONCERNING THE MEAN AND THE VARIANCE OF A WEIBULL POPULATION FINAL REPORT
 CHOICE OF AREA FOR PROJECTION OF DATA ON A CRT USING MULTIVARIATE ANALYSIS OF VARIANCE

ARL 67-1020
 ARL 67-1021
 ARL 67-1027
 ARL 67-0243
 AFOSR68-1630
 ARL 67-0050
 AFCL68-0303

VARIANCES

ASYMPTOTIC VARIANCES AND COVARIANCES OF MAXIMUM-LIKELIHOOD ESTIMATORS FROM CENSORED SAMPLES OF THE PARAMETERS OF

ARL 67-0130

VARIATES

DISTRIBUTION OF PRODUCT AND QUOTIENT OF BESSEL FUNCTION VARIATES

AFOSR68-2182

VARIATION

ATMOSPHERIC VARIATION OF U.S. STATION RESIDUALS
 FREQUENCY VARIATION OF THE MOS-TRANSISTOR V_{DS} EQUALS 0 ADMITTANCE
 SOLAR DAILY VARIATION RECORDED AT A LOW LATITUDE STATION BY EAST AND WEST POINTING TELESCOPES DURING PERIODS OF
 THE SPATIAL VARIATION OF THE QUASI-FERMI POTENTIALS IN P-N JUNCTIONS
 TEMPERATURE VARIATION OF THE MOBILITY OF ELECTRONS IN RUTILE AT ELEVATED TEMPERATURES
 A NOTE ON THE VARIATION OF THE UNIT REYNOLDS NUMBER ON A FLAT PLATE AS A FUNCTION OF THE ANGLE OF ATTACK FINAL REPORT
 ON THE CENTERLINE VARIATION OF THE H- AND K-LINES OF CAII
 DAILY AND SEASONAL VARIATION OF THE TOTAL ELECTRON CONTENT OF THE IONOSPHERE OVER TORTOSA
 SENSITIVITY OF DISCRETE SYSTEMS TO VARIATION OF SAMPLING INTERVAL
 FOURTH COEFFICIENTS OF FUNCTIONS OF BOUNDED VARIATION
 DIRECT MEASUREMENT OF THE DEPLETION LAYER WIDTH VARIATION VS APPLIED BIAS FOR A P-N JUNCTION
 A LOW-BOUND FOR DISCONTINUATION INFORMATION IN TERMS OF VARIATION
 LANDAU DAMPING AND GROWTH OF ELECTROSTATIC MODES WITH EFFECTS OF SPATIAL VARIATION

AFCL67-0026
 AFOSR68-0592
 AFOSR67-0794
 AFOSR67-1151
 ARL 67-1144
 ARL 68-0030
 AFCL67-0576
 AFCL67-0682
 AFOSR67-0483
 AFOSR67-2344
 AFOSR67-0344
 AFOSR67-1250
 AFOSR67-2089

VARIATION-DEFINITION

UPPER AND LOWER BOUNDS AND THE GENERALIZED VARIATION-PERTURB APPROACH OF MANY-ELECTRON THEORY

AFOSR68-2571

VARIATIONAL

VARIATIONAL APPROACH TO BOUNDARY-VALUE PROBLEMS IN KINETIC THEORY
 VARIATIONAL APPROACH TO PERFECT FLUIDS IN CYLINDRICAL AND SPHERICAL GEOMETRY
 VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE II BOUNDARY VALUE PROBLEMS FOR THE MINIMAL SURFACE EQUATION
 VARIATIONAL PROBLEMS OF MINIMAL SURFACE TYPE III THE DIRICHLET PROBLEM WITH INFINITE DATA
 VARIATIONAL METHODS AND BOUNDARY PROBLEMS FOR ORDINARY LINEAR DIFFERENTIAL SYSTEMS
 A VARIATIONAL PRINCIPLE AND THE CONVERGENCE OF A FINITE-ELEMENT METHOD BASED ON ASSUMED STRESS DISTRIBUTION
 Kohn VARIATIONAL PRINCIPLE FOR THREE-PARTICLE SCATTERING
 ON THE VARIATIONAL PRINCIPLES FOR EIGENVALUES FOR A CLASS OF UNBOUNDED OPERATORS
 QUANTIFIED VARIATIONAL AND PHYSICAL ANALYSIS OF HEAT TRANSFER IN LAMINAR AND TURBULENT FLOW
 AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
 AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS I GENERAL THEORY
 AN ABSTRACT VARIATIONAL THEORY WITH APPLICATIONS TO A BROAD CLASS OF OPTIMIZATION PROBLEMS II APPLICATIONS
 QUALITY FOR VARIATIONAL PROBLEMS
 ON THE USE OF VARIATIONAL METHODS IN STEADY MAGNETOHYDRODYNAMICS
 ON THE SEARCH FOR VARIATIONAL PRINCIPLES
 SYMMETRIC QUALITY FOR VARIATIONAL PROBLEMS
 COMPLEMENTARY FORMS OF THE VARIATIONAL PRINCIPLE FOR HEAT CONDUCTION AND CONVECTION
 ON NUMERICAL RESULTS OF A ONE-DIMENSIONAL UNSTEADY VARIATIONAL METHOD IN MGD
 AN EXAMPLE OF EXTREMAL DISCONTINUOUS SOLUTION OF A VARIATIONAL PROBLEM OF ELLIPTIC TYPE
 SOME PROPERTIES OF THE SOLUTION OF THE FIRST-ORDER VARIATIONAL EQUATIONS OF THE RESTRICTED THREE-BODY PROBLEM
 ON THE CONVERGENCE PROPERTIES OF THE 1/2 EXPANSIONS AS FURNISHED BY VARIATIONAL PERTURBATION THEORY CALCULATIONS
 A RESULT CONCERNING ELLIPTIC EQUATIONS OF THE SECOND ORDER AND OF NON VARIATIONAL TYPE (ITALIAN)
 SUPPLEMENT TO 1955 INSTRUCTION MANUAL NO 10 COSMIC RAY TABLES ASYMPTOTIC DIRECTIONS VARIATIONAL COEFFICIENTS AND CUTOFF

AFOSR67-0138
 AFOSR67-1913
 AFOSR68-0256
 AFOSR68-2240
 AFOSR68-2585
 AFOSR68-0304
 AFOSR67-2834
 AFOSR68-0623
 AFOSR68-0103
 AFOSR67-0046
 AFOSR67-0431
 AFOSR67-1202
 ARL 67-0136
 AFOSR67-0416
 AFOSR67-1964
 ARL 68-0275
 AFOSR68-0098
 AFOSR67-0677
 AFOSR68-1169
 AFOSR68-1813
 AFOSR68-1693
 AFOSR68-0573
 AFCL68-0030

[illegible]

A GEOMETRIC CRITERION FOR ALGEBRAIC VARIETIES

AP 95-64-7/00

HOLMGRPH CONVEXITY IN THE SPACE OF CYCLES OF AN ALGEBRAIC VARIETY

At 1950: $i = 1.570$

AD 201.60-2261

CHARACTERISTICS OF ALDOLASE VARIFORMITY

44 1124000-2011

ROLE OF VARIOUS BRAIN STRUCTURES ON PHYSIOLOGICAL FUNCTIONS FINAL REPORT DEC 1967

NY 65-14864-5328

44-38861-1004
 44-38861-1005
 44-38861-1006
 44-38861-1007
 44-38861-1008
 44-38861-1009
 44-38861-1010
 44-38861-1011

EFFECT OF VARYING PERIODS OF COLD EXPOSURE ON THE ACTION AND METABOLISM OF HYDROXYMETHYL-

AT US 26 P - 7:00

AF 05447-7007
AF 05448-1070
AF 05449-1332

RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND FINAL REPORT OF
RESPONSES OF THE VASCULAR SYSTEM IN RELATION TO THE HORMONE BACKGROUND
AN EXAMINATION OF CERTAIN FACTORS WHICH MIGHT OR MIGHT NOT AFFECT THE VASCULAR RESPONSE TO OXYGEN

新华书店经销 - 3717
 新华书店发行 - 273
 新华书店印刷 - 3717

VASOPRESSIN ITS BIOASSAY AND THE PHYSIOLOGICAL CONTROL OF ITS RELEASE

42-75967-1721

87-0544 电话-02-61
 81-0544 电话-02-61
 44-0544 电话-27-21

PERCEPTION OF SEGMENTS OF VCCV UTTERANCES

REF ID: A63727

VECTOR POLAR METHOD FOR THE ANALYSIS OF WAVE INTERFERENCE
VECTOR AND SPINOR CURRENT ALGEBRA AND THE N/D METHOD

41 7' 20" 2 342
 47 15' 40" 2 1642

81 65467-1075
 81 65467-1076
 81 65467-1077
 81 65467-1078
 81 65467-1079
 81 65467-1080
 81 65467-1081
 81 65467-1082
 81 65467-1083

ON THE ρ TO GAMMA GAMMA DECAY MODE AND THE VECTOR-MESON DOMINANCE MODEL

2075450 11-2

2015-2016

ON A MEAN VALUE THEOREM FOR VECTOR-VALUED FUNCTIONS WITH APPLICATIONS TO UNIQUENESS THEOREMS FOR RIGHT-HAND-

2025 2024

TIME OPTIMAL ATTITUDE CONTROL OF A SPINNING VEHICLE FINAL REPORT JAN 1967

64 07 6578

A1: 40, 60, 78, 90
A2: 60, 78, 90, 95
A3: 40, 60, 78, 90

THE DESIGN FEATURES OF HYPERSONIC VEHICLES

AW, 82-122.

| | |
|--|--------------|
| VERSATILE | |
| A VERSATILE DEVICE FOR MICROSCOPIC SPECTROFLUOROMETRY | AFOSR67-0866 |
| VERSION | |
| HAMILTON-JACOBI VERSION OF GENERAL RELATIVITY | AFOSR68-1976 |
| VERSIONS | |
| FINITE VERSIONS OF THE AXIOM OF CHOICE | AFOSR67-1520 |
| VERSUS | |
| PAST VERSUS PRESENT WIND ACTION IN THE MOJAVE DESERT REGION CALIFORNIA | AFCL67-0663 |
| PARALLEL VERSUS SERIAL PROCESSES IN MULTIDIMENSIONAL STIMULUS DISCRIMINATION | AFOSR67-1898 |
| ACOUSTIC FACTORS VERSUS LANGUAGE FACTORS IN SHORT-TERM MEMORY | AFOSR67-1822 |
| COGNITIVE ASPECTS OF INFORMATION PROCESSING III SET FOR SPEED VERSUS ACCURACY | AFOSR67-1817 |
| PERFORMANCE AND BIOCHEMICAL RESPONSES RELATED TO SOCIAL CHANGES VERSUS CHEMOTHERAPY IN NONHUMAN PRIMATES /RMESUS | ANL 67-0073 |
| VERTIBRATE | |
| AN ENCODING OF SOME VERTIBRATE COMMAND AND CONTROL PRINCIPLES | AFOSR68-2603 |
| MECHANISM SUBSERVING COLOR CODING IN THE VERTIBRATE RETINA FINAL REPORT DEC 1966 | AFOSR67-0177 |
| MECHANISMS SUBSERVING COLOR CODING IN THE VERTIBRATE RETINA FINAL REPORT MARCH 1968 | AFOSR68-0907 |
| VERTEX | |
| FUNDAMENTAL SUM RULES FOR VERTEX FUNCTIONS | AFOSR67-1637 |
| CONVARIANT PROPAGATORS AND VERTEX FUNCTIONS FOR ANY SPIN | AFOSR67-1609 |
| THE ALGEBRA OF SCALAR AND VECTOR VERTEX STRENGTHS IN REGGE RESIDUES | AFOSR67-0976 |
| VERTICES | |
| CODING THE VERTEXES OF A GRAPH | AFOSR67-0440 |
| VERTICAL | |
| VERTICAL CUTOFF RIGIDITIES IN THE SOUTH ATLANTIC | AFCL67-0082 |
| VERTICAL MOVEMENT OF TEMPERATURE-ZONE SPORADIC E LAYERS | AFOSR68-1120 |
| LAMINAR FLOW ALONG A VERTICAL WALL | ARL 68-0309 |
| FREE CONVECTION FROM A VERTICAL NEEDLE | AFOSR67-1576 |
| TRANSIENT NATURAL CONVECTION IN A VERTICAL TUBE WITH NON-AXISYMMETRIC WALL TEMPERATURE | AFOSR67-1506 |
| ESTIMATES OF SPECTRAL ENERGY DENSITY APPLIED TO VERTICAL PROFILES OF THE HORIZONTAL WIND IN THE LOWER IONOSPHERE | AFCL67-0054 |
| A THEORETICAL ANALYSIS OF EXTENSIVE AIR SHOWERS I NEAR- VERTICAL SHOWERS AT SEA LEVEL | AFOSR67-0261 |
| LEVELS OF RESPONSIVENESS TO FOOD OR ITS ABSENCE AND THE VERTICAL LONE CIRCUIT OF OCTOPUS VULGARIS LAMARCK | AFOSR68-0291 |
| RESEARCH TOWARD FEASIBILITY OF AN INSTRUMENT FOR MEASURING VERTICAL GRADIENTS OF GRAVITY FINAL REPORT OCT 1967 | AFCL67-0631 |
| A FEASIBILITY AND DESIGN STUDY FOR AN AIRBORNE RADIONETRIC SYSTEM TO MEASURE REMOTELY THE VERTICAL PROFILE OF | AFCL68-0107 |
| VERTICALLY | |
| NUMERICAL EXPERIMENTS WITH A VERTICALLY PARAMETRIZED MODEL DESIGNED TO STUDY THE EFFECTS OF HIGH-LEVEL HEATING ON THE | AFCL68-0571 |
| VESICLES | |
| NATURE OF VESICLES ASSOCIATED WITH THE NERVOUS SYSTEM OF CEPHALOPODS | AFOSR68-0288 |
| C. ADRENERGIC FINDINGS AND VESICLES ISOLATED FROM BRAIN | AFOSR67-1103 |
| DENSITY GRADIENT SEPARATION OF SARCOPLASMIC VESICLES AND OTHER PARTICULATE CONSTITUENTS OF RABBIT MUSCLE | AFOSR68-1683 |
| VESSEL | |
| THE MOTION OF LIQUID INSIDE A CLOSED VIBRATING VESSEL | AFOSR67-1634 |
| VESSELS | |
| MICROSCOPIC BLOOD VESSELS IN THE MESENTERY | AFOSR67-0622 |
| FIRST LIMIT OF THE HYDROGEN AND OXYGEN REACTION IN VESSELS COATED WITH RARIUM BROMIDE | AFOSR67-1990 |
| INTERPRETATION OF INDUCTION PERIODS IN THE HYDROGEN PLUS PLUS OXYGEN REACTION IN AGED BORIC-ACID-COATED VESSELS | AFOSR68-1275 |
| MATHEMATICAL ANALYSIS OF LANDES-TYPE EXPERIMENTS ON THE TRANSPORT OF FLUID ACROSS THE WALLS OF CAPILLARY BLOOD VESSELS | AFOSR68-2356 |
| VESTIBULAR | |
| THE ACTIVITY OF AFFERENT NERVE FIBERS FROM THE VESTIBULAR ORGAN AND OF NEURONS IN THE VESTIBULAR NUCLEI OF | AFOSR68-0672 |
| VIBRATING | |
| VERY LOW FREQUENCY INTEGRATING VIBRATING SAMPLE MAGNETOMETER /VLFVSM/ WITH HIGH DIFFERENTIAL SENSITIVITY IN HIGH DC | AFOSR68-0822 |
| THE MOTION OF LIQUID INSIDE A CLOSED VIBRATING VESSEL | AFOSR67-1634 |
| VIBRATION | |
| MECHANICAL VIBRATION - A DRIVING MECHANISM FOR COMBUSTION INSTABILITY IN ROCKET ENGINES FINAL REPORT OCT 1968 | AFOSR68-2356 |
| THEORY OF I ₂ LATTICE VIBRATION ABSORPTION BY GAP MODES AND RESONANCE MODES IN KI | AFOSR68-1672 |
| OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS | ARL 68-0139 |
| OPTICAL STUDIES OF LATTICE VIBRATION IN II-VI SEMICONDUCTING COMPOUNDS | ARL 68-0184 |
| PARAMETRIC PHENOMENA AS APPLIED TO VIBRATION ISOLATORS AND MECHANICAL AMPLIFIERS | AFOSR67-2085 |
| COMPARATIVE STUDY OF OPTIMIZATION TECHNIQUES FOR SHOCK AND VIBRATION ISOLATION | AFOSR68-0242 |
| INFLUENCE OF TRANSVERSE SHEAR AND EDGE CONDITION ON NONLINEAR VIBRATION AND DYNAMIC BUCKLING OF HOMOGENEOUS AND | AFOSR67-1011 |
| RESULTS OF ELECTROENCEPHALOGRAPHIC EXAMINATIONS UNDER THE INFLUENCE OF VIBRATION AND CENTRIFUGING IN THE MONKEY | AFOSR67-1857 |
| VIBRATION-ROTATION | |
| MICROWAVE SPECTRUM VIBRATION-ROTATION INTERACTION MOLECULAR STRUCTURE AND DIPOLE MOMENT OF 1-METHYLPENTABORANE /9/ | AFOSR68-2808 |
| USE OF HELLMANN-FEYNMAN AND HYPERVIRIAL THEOREMS TO OBTAIN ANHARMONIC VIBRATION-ROTATION EXPECTATION VALUES AND THEIR | AFOSR67-0269 |
| VIBRATIONAL | |
| VIBRATIONAL ANALYSIS OF 13 SUH C 16 SUB 02 | AFCL67-0321 |
| VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS | AFOSR67-1180 |
| VIBRATIONAL SPECTRUM OF CYCLOPHOPHENE | AFOSR67-2760 |
| VIBRATIONAL SPECTRA AND FORCE CONSTANTS OF ZINC TETRACYANATE ION ZINC TETRAISOTHIOCYANATE ION ZINC | AFOSR67-2797 |
| VIBRATIONAL SPECTRA AND ASSIGNMENT OF IODINE PENTA-FLUORIDE FERMION RESONANCE BETWEEN A FUNDAMENTAL AND A TERNARY | AFOSR68-0174 |
| VIBRATIONAL EFFECTS IN RADIATIONLESS TRANSITIONS IN AROMATIC MOLECULES | AFOSR68-0668 |
| VIBRATIONAL RELAXATION OF ANHARMONIC OSCILLATORS WITH EXCHANGE-DOMINATED COLLISIONS | AFOSR68-1609 |
| VIBRATIONAL ENERGY TRANSFER COLLISIONAL QUENCHING OF COMPETITIVE UNIMOLECULAR REACTIONS | AFOSR68-1967 |
| VIBRATIONAL ENERGY TRANSFER FROM A HOMOLOGOUS SERIES OF CHEMICALLY ACTIVATED RADICALS | AFOSR68-2139 |
| VIBRATIONAL RELAXATION IN COMBUSTION MIXTURES | ARL 67-0209 |
| VIBRATIONAL RELAXATION IN EXPANDING FLOWS | ARL 67-1227 |

VIBRATIONAL

- CONTINUED

VIBRATIONAL RELAXATION IN EXPANDING PLASMA FLOWS
LOCALIZED VIBRATIONAL MODE ABSORPTION OF PHOSPHORUS IN GALLIUM ARSENIDE
LOCALIZED VIBRATIONAL MODES OF LITHIUM IN LITHIUM-DIFFUSION P-TYPE GaAs
WKB CALCULATION OF VIBRATIONAL TRANSITION PROBABILITIES IN MOLECULAR COLLISIONS
TRANSITIONAL COORDINATES IN VIBRATIONAL ANHARMONICITY APPLICATION TO ETHYLENE
ON THE WKB EVALUATION OF VIBRATIONAL TRANSITION PROBABILITIES
A RIGID BAND MODEL FOR THE VIBRATIONAL TRANSITION PROBABILITIES
TEMPERATURE DEPENDENCE OF VIBRATIONAL TRANSITION PROBABILITIES IN WATER-WATER COLLISIONS
THE LONG-RANGE MODEL AND THE VIBRATIONAL FORCE CONSTANTS OF NITROGEN TRIFLUORIDE
SOME PROPERTIES OF GASES WITH VIBRATIONAL RELAXATION WHEN VIEWED AS MATERIALS WITH MEMORY
MOST FAVORABLE ORIENTATION FOR VIBRATIONAL TRANSITIONS IN ASYMMETRIC DIATOMIC MOLECULES
FLOW WITH COUPLED RADIATIVE AND VIBRATIONAL NONEQUILIBRIUM IN A DIATOMIC GAS
DISTRIBUTION AND EXCHANGE OF EXCESS VIBRATIONAL ENERGY PRODUCED IN THE PHOTOLYSIS OF 2,3-DIAZABICYCLO[2.2.1]HEPTANE
USE OF MORPHIC EFFECTS FOR THE STUDY OF VIBRATIONAL AND OPTICAL PROPERTIES OF IMPURITY ATOMS IN CRYSTALS
ARL 67-1233
AFOSR67-0636
AFOSR67-2216
AFOSR66-2253
AFOSR67-2861
AFOSR66-1570
AFOSR66-0135
AFOSR66-1875
AFOSR67-0641
AFOSR66-1103
AFOSR66-1962
AFOSR66-1895
AFOSR66-1909
AFOSR66-0997

VIBRATIONS
VIBRATIONS OF AN ELECTRON BUBBLE IN LIQUID HELIUM
NATURAL VIBRATIONS OF FINITELY DEFORMABLE STRUCTURES
TORSIONAL VIBRATIONS OF HOMOGENEOUS AND SANDWICH SPHERICAL CAPS AND CIRCULAR PLATES
DYNAMICS AND VIBRATIONS OF HOMOGENEOUS AND LAYERED PLATES AND SHELLS INCLUDING THOSE OF SANDWICH CONSTRUCTION FINAL
STEADY-STATE FORCED VIBRATIONS
EFFECTS OF SOUND AND VIBRATIONS ON HEAT TRANSFER
INTERACTION OF LOCALIZED VIBRATIONS WITH PLASMONS IN A POLAR SEMICONDUCTOR
HIERARCHY METHODS FOR RANDOM VIBRATIONS OF ELASTIC STRINGS AND BEAMS
SYMMETRY PROPERTIES OF THE NORMAL VIBRATIONS OF A CRYSTAL
INVESTIGATION OF FAR INFRARED TORSIONAL VIBRATIONS FINAL REPORT MAR 1968
ANHARMONICITY IN THE SYMMETRIC AND ASYMMETRIC CM VIBRATIONS OF ETHYLENE
EXPERIMENTAL OBSERVATIONS ON THE NONLINEAR FLEXURAL VIBRATIONS OF THINWALLED CIRCULAR CYLINDERS
AFOSR66-2475
AFOSR66-0347
AFOSR67-1982
AFOSR67-2360
AFOSR67-0497
ARL 67-0120
AFOSR66-0935
AFOSR66-0372
AFOSR66-0803
AFOSR66-0135
AFOSR67-2844
AFOSR66-0916

VIBRONIC
PHYSICS OF VIBRONIC TRANSITIONS IN THE SPECTRA FOR RARE EARTH IONS IN CRYSTALS FINAL REPORT FEB 1967
ABSOLUTE MEASUREMENT OF INELASTIC COLLISION CROSS SECTIONS FOR VIBRONIC EXCITED STATES
AFOSR67-0278
AFOSR66-0048

VICE-VERSA
EXCEPTIONAL BOUNDARY POINTS FOR THE NONDIVERGENCE EQUATION WHICH ARE REGULAR FOR THE LAPLACE EQUATION - AND VICE-VERSA
AFOSR66-2661

VICINAL
VICINAL 1M-100MG COUPLING CONSTANTS
AFOSR67-0560

VICINITY
SEISMICITY IN THE VICINITY OF THE RAMAPO FAULT NEW JERSEY-NEW YORK
STRESS FIELD IN THE VICINITY OF AN INFINITELY CRACK
CRITICAL STRAIN FIELD IN THE VICINITY OF A STABLE FRACTURE
CONCENTRATION FLUCTUATIONS IN THE VICINITY OF THE CRITICAL POINT FINAL REPORT SEPT 1967
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A GRIFFITH CRACK IN AN ELASTIC SOLID IN WHICH BODY FORCES ARE ACTING
THE DISTRIBUTION OF STRESS IN THE VICINITY OF A PENNY-SHAPED CRACK IN AN ELASTIC SOLID UNDER THE ACTION OF SYMMETRIC
ENERGY BAND STRUCTURE OF CUPROUS OXIDE IN THE VICINITY OF THE FUNDAMENTAL EDGE FROM MAGNETO-OSCILLATORY ABSORPTION
AFOSR66-0268
AFOSR66-0891
AFOSR66-1769
AFOSR67-2300
AFOSR66-1760
AFOSR66-1835
AFOSR67-2331

VIETNAM
ESTIMATING THE DATE OF RETREAT OF THE RAINY SEASON IN SOUTHERN SOUTH VIETNAM
AFOSR66-0229

VIFW
QUANTUM ELECTRODYNAMICS FROM THE POINT OF VIEW OF TOPOLOGICAL GROUPS FINAL REPORT DEC 1966
AFOSR67-0027

VIEWED
THIN RODS AND SHELLS VIEWED AS COSSERAT CONTINUA
HD 119216 A SEMIDETACHED CLOSE BINARY VIEWED AT LOW INCLINATION
INFRARED RADIANCE OF SELECTED TERRAIN FEATURES AS VIEWED FROM HIGH ALTITUDE
SOME PROPERTIES OF GASES WITH VIBRATIONAL RELAXATION WHEN VIEWED AS MATERIALS WITH MEMORY
AFOSR66-1802
AFOSR66-0096
AFOSR67-0448
AFOSR66-1103

VILLA
ANIMAL SONAR SYSTEM BIOLOGY AND BIONICS VOLUMES 1 AND 2 SYMPOSIUM ON BIONIC MODELS OF THE ANIMAL SONAR SYSTEM VILLA
AFOSR67-2674

VINYL
IONIC POLYMERIZATION IN VINYL CHLORIDE
IONIC POLYMERIZATION IN METHYL, ETHYL AND VINYL CHLORIDES
MICROWAVE SPECTRUM CONFORMATION DIPOLE MOMENT AND BARRIER TO INTERNAL ROTATION IN METHYL VINYL ETHER
ARL 67-1126
ARL 67-1106
AFOSR66-1758

VINYLCYCLOHEXANE
POLYMERIZATION OF VINYLCYCLOHEXANE WITH TITANIUM CHLORIDE TRIETHYL ALUMINUM CATALYSTS
AFOSR67-2844

VINYLSILANES
THE ADDITION OF GRIGNARD REAGENTS TO VINYLSILANES
ARL 68-1067

VIBRATING
THE ONE PION EXCHANGE CONTRIBUTION TO THE WEAK PARITY VIOLATING NUCLEON-NUCLEON POTENTIAL
AFOSR66-0969

VIOLATIONS
CURRENT ALGEBRAS AND SU THREE VIOLATIONS
AFOSR67-0872

VIPER
DESIGN DEVELOPMENT AND FLIGHT TEST OF THE VIPER DART ROBIN METEOROLOGICAL ROCKET SYSTEM FINAL REPORT JUNE 1968
AFOSR66-0418

VIRAL
GAS CHROMATOGRAPHY FOR DETECTION OF VIRAL INFECTIONS
AFOSR66-2176

VIRGO
DETECTION OF HARD X-RADIATION FROM VIRGO
AFOSR66-1151

| | |
|--|--------------|
| VIRIAL | |
| DETERMINATION OF MIXED VIRIAL COEFFICIENTS FINAL REPORT DEC 1967 | AFOSR67-2795 |
| LOW-TEMPERATURE QUANTUM CORRECTIONS TO THE SECOND VIRIAL COEFFICIENT | AFOSR66-2463 |
| THERMODYNAMIC ANALYSIS OF VAPOR-LIQUID AND VAPOR-SOLID EQUILIBRIA DATA TO OBTAIN INTERACTION SECOND VIRIAL | AFOSR67-1248 |
| VIRTUAL | |
| VIRTUAL COLUMN EXCITATION IN NUCLEON TRANSFER | AFOSR67-1348 |
| VIRUS | |
| GAS CHROMATOGRAPHIC DETECTION OF IN VIVO ACTIVITY OF EQUINE INFECTIONS ANAEMIA VIRUS | AFOSR68-2178 |
| VISCERAL | |
| VISCERAL AFFERENT ACTIVITY EFFECTS ON BRAIN STEM RETICULAR FORMATION FINAL REPORT JULY 1968 | AFOSR68-0040 |
| VISCOELASTIC | |
| ON THE LIFETIME OF VISCOELASTIC STRUCTURES IN A RANDOM TEMPERATURE FIELD | AFOSR68-0321 |
| DYNAMIC SNAP-THROUGH OF IMPERFECT VISCOELASTIC SHALLOW ARCHES | AFOSR67-0856 |
| STRESS WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC HALF-SPACE SUBJECTED TO IMPULSIVE ELECTROMAGNETIC RADIATION | AFOSR67-2453 |
| ON THE STABILITY AGAINST SHEAR WAVES OF STEADY FLOWS OF NON-LINEAR VISCOELASTIC FLUIDS | AFOSR68-2136 |
| VISCOELASTICITY | |
| THE CORRESPONDENCE PRINCIPLE OF LINEAR VISCOELASTICITY THEORY FOR MIXED BOUNDARY VALUE PROBLEMS INVOLVING | AFOSR68-1843 |
| VISCOMETER | |
| REMOTE CONTROL VISCOMETER | AFOSR69-1690 |
| VISCOSITY | |
| EARTH'S VISCOSITY | AFOSR67-2083 |
| PRESSURE DEPENDENCE OF VISCOSITY LIQUID BORON TRIOXIDE | AFOSR68-2706 |
| MURPHY METHOD APPROXIMATION FOR THE VISCOSITY OF SIMPLE LIQUIDS APPLICATION TO ARGON | AFOSR68-2214 |
| AN EXPERIMENTAL DETERMINATION OF THE DYNAMIC VISCOSITY OF ATMOSPHERIC ARGON FROM 3500 TO 8500 DEGREES KELVIN | AFOSR68-1210 |
| CAGE REACTIONS OF T-BUTOXY RADICALS EFFECTS OF VISCOSITY AND OF INTERVENING MOLECULES | AFOSR68-0436 |
| DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY | AFOSR67-0639 |
| DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY | AFOSR67-2707 |
| INVESTIGATION OF PRECURSOR DECAY IN IRON BY THE ARTIFICIAL VISCOSITY METHOD | AFOSR68-1005 |
| SIMPLIFICATION AND SYMMETRIZATION OF THE EKKMAN RELATION FOR VISCOSITY OF CRITICAL MIXTURES | AFOSR67-1261 |
| VISCOUS | |
| VISCOUS FLOW IN A PIPE WITH ABSORBING WALLS | AFOSR68-0599 |
| VISCOUS HYPERSONIC FLOW AROUND A BLUNT BODY | AFOSR68-0988 |
| VISCOUS EFFECTS AND HEAT TRANSFER IN SEPARATED FLOWS | AFOSR68-1357 |
| VISCOUS HYPERSONIC FLOW PAST SLENDER BODIES AT INCIDENCE | AFOSR68-2128 |
| VISCOUS MAGNETOHYDRODYNAMIC FLOWS | AFOSR68-2670 |
| VISCOUS HYPERSONIC FLOW OVER POINTED CONES AT LOW REYNOLDS NUMBERS | ARL 67-0268 |
| VISCOUS EFFECTS ON BLUNT CONES AT LOW REYNOLDS NUMBERS AND HYPERSONIC SPEED | ARL 67-1228 |
| VISCOUS AND THERMAL BOUNDARY LAYERS IN INCOMPRESSIBLE STEADY FLOWS ALONG LONGITUDINALLY CURVED SURFACES INCLUDING | ARL 68-0222 |
| THE VISCOUS INCOMPRESSIBLE FLOW PAST A CIRCULAR CYLINDER AT MODERATE REYNOLDS NUMBERS | AFOSR68-1664 |
| HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES HAVING SHARP LEADING EDGES | AFOSR67-1118 |
| HYPERSONIC VISCOUS FLOW OVER SLENDER BODIES WITH SHARP LEADING EDGES | AFOSR68-2816 |
| OSCILLATORY VISCOUS FLOWS REVIEW AND EXTENSION | AFOSR69-0649 |
| RADIATION COUPLED VISCOUS FLOWS | AFOSR68-1985 |
| TIME-DEPENDENT HYPERSONIC VISCOUS INTERACTIONS | AFOSR67-2451 |
| ON INITIAL CONDITIONS FOR VISCOUS INTERACTING FLOWS FINAL REPORT DECEMBER 1968 | ARL 68-0216 |
| THE RAYLEIGH-TAYLOR STABILITY OF CONFINED VISCOUS FLUIDS WITH AN INTERFACE FINAL REPORT JUNE 1967 | AFOSR67-1509 |
| THE THIN LAYER APPROXIMATION IN HYPERSONIC VISCOUS FLOW THEORY FINAL REPORT MARCH 1968 | AFOSR68-0782 |
| TRANSIENT SOLUTION FOR SOUND RADIATED INTO A VISCOUS FLUID | AFOSR67-2605 |
| ON OPTIMUM WEDGES AND SEMICONES IN HYPERSONIC VISCOUS FLOW | AFOSR67-2840 |
| SIMILARITY SOLUTIONS FOR TWO-DIMENSIONAL STEADY VISCOUS MGN BOUNDARY LAYERS | AFOSR68-1326 |
| A NUCLEAR MAGNETIC RESONANCE INVESTIGATION OF PARAMAGNETIC RELAXATION IN VISCOUS SOLUTIONS | AFOSR68-0720 |
| VISCOUS-INVISCID | |
| THEORY OF LAMINAR VISCOUS-INVISCID INTERACTIONS IN SUPERSONIC FLOW | AFOSR68-1589 |
| VISCOUS-LIQUID | |
| DISSIPATION FACTOR OF THE TORSIONAL MODE FOR A HOMOGENEOUS- MANTLE EARTH WITH A SOFT-SOLID OR A VISCOUS-LIQUID CORE | AFOSR67-2150 |
| VISCOUS-TRANSONIC | |
| VISCOUS-TRANSONIC FLOW IN THE ACCELERATION AND STELLAR-WIND PROBLEMS | AFOSR67-1044 |
| VISIBILITY | |
| ANALYSIS OF LIDAR DATA OBTAINED UNDER CONDITIONS OF LOW CEILING AND VISIBILITY | AFCL68-0522 |
| VISIBLE | |
| VISIBLE CONTINUUM IN VISION KRYPTON AND NEON | AFOSR67-2259 |
| UV VISIBLE AND IR ATTENUATION FOR ALTITUDES TO 50 KM 1968 | AFCL68-0153 |
| AN EVALUATION OF METHODS OF MULTIPLEXING AN INFRARED IMAGE AND IMAGING IT IN THE VISIBLE | AFCL68-0000 |
| VISION | |
| MODERNISATION AND THE HIGHEST VISION - SOME REFLECTIONS ON CHINESE COMMUNIST GOALS | AFOSR68-2552 |
| VISTAS | |
| VISTAS IN SCIENCE THE THIRTEENTH AFOSR SCIENCE SEMINAR ALBUQUERQUE NEW MEXICO JUNE 1968 THE UNIVERSITY OF NEW MEXICO | AFOSR68-2760 |
| VISUAL | |
| VISUAL EVOKED POTENTIALS AS RECORDED FROM THE SCALP AND FROM THE VISUAL CORTIX BEFORE AND AFTER SURGICAL REMOVAL OF | AFOSR67-1481 |
| VISUAL EVOKED RESPONSES DURING SLEEP IN MAN | AFOSR68-0883 |
| VISUAL PERCEPTION IN SIMULATED SPACE CONDITIONS FINAL REPORT JUNE 1968 | AFOSR68-1212 |
| A VISUAL IMAGE PROCESSOR | AFOSR68-2402 |
| THE VISUAL IMAGE PROCESSOR | AFOSR67-1604 |
| WIDE BAND VISUAL SPECTRUM PHOTOELECTRIC PHOTOMETRY OF PAGES DURING ITS FIRST FIFTEEN MONTHS IN ORBIT | ARL 68-1140 |
| PROCESSING OF SENSORY VISUAL INFORMATION FINAL REPORT JAN 1967 | AFOSR67-0803 |

VISUAL - CONTINUED

| | |
|--|--------------|
| NEURONAL RESPONSES TO VISUAL STIMULI IN ONCOPELTUS FASCIATUS DALLAS | AFOSR66-0719 |
| DETECTION OF AN AMBIGUOUS VISUAL SIGNAL WHILE IMAGING | AFOSR66-1682 |
| RETINAL FINE STRUCTURE AND VISUAL ORIENTATION FINAL REPORT OCT 1968 | AFOSR66-2336 |
| EXCITABILITY CHANGES ALONG VISUAL PATHWAYS DURING EYE TRACKING MOVEMENTS | AFOSR66-2708 |
| ELECTROPHYSIOLOGICAL STUDY OF VISUAL CORTICAL MECHANISMS ACTIVATED DURING AVOIDANCE CONDITIONING TRAILS IN MACAQUES | AFOSR66-0196 |
| ORIGINALLY DRIVEN NEURONS IN VISUAL CORTIX OF SPLIT-CHIASM CATS | AFOSR66-2602 |
| INTER-Hemispheric COMPARISON OF VISUAL STIMULI IN THE PIGEON | AFOSR67-2139 |
| CONTINUOUS DISCRIMINATOR PROPERTIES OF VISUAL SHAPE FINAL REPORT SEPT 1967 | AFOSR67-0525 |
| RECOVERY OF EVOKED POTENTIALS IN VISUAL SYSTEM FOLLOWING INTENSE STIMULATION | AFOSR67-1594 |
| SPATIAL REMAPPING IN THE PRIMATE VISUAL SYSTEM | AFOSR66-2245 |
| COMPARATIVE NEUROPHYSIOLOGY OF THE VISUAL SYSTEM FINAL REPORT SEPT 1967 | AFOSR67-2354 |
| EFFECTS OF SURROUND ILLUMINATION ON VISUAL PERFORMANCE - AN ANNOTATED BIBLIOGRAPHY FINAL REPORT JULY 1967 | AFOSR66-2317 |
| THE INFLUENCE OF OCULOMOTOR SYSTEMS ON VISUAL PERCEPTION | ANRL 67-0103 |
| MICROELECTRODE ANALYSIS OF TRANSFER OF VISUAL INFORMATION BY THE CORPUS CALLOSUM | AFOSR66-2098 |
| BEHAVIOR OF THE SINGLE COMPONENTS OF THE VISUAL EVOKED POTENTIAL DURING SLEEP IN MAN/ITALIAN/ | AFOSR66-2714 |
| IDENTIFICATION OF SEQUENTIAL AUDITORY AND VISUAL STIMULI | AFOSR67-1856 |
| STRUCTURAL AND FUNCTIONAL ADAPTATION IN A VISUAL SYSTEM | AFOSR67-1815 |
| COMPUTERIZED GRAPHICAL DISPLAY OF DATA FOR VISUAL EXAMINATION AND ANALYSIS IN PHYSICS RESEARCH. | AFOSR66-0700 |
| SPECIFIC AND NON-SPECIFIC ACTIVITIES IN THE CENTRAL VISUAL PATHWAYS | ARL 66-0207 |
| OUTPUT TO INPUT RELATIONSHIPS IN LATERAL GENICULATE AND VISUAL CORTIX | AFOSR66-1017 |
| A METHOD FOR RESTRICTING STIMULI TO THE FRONTAL OR LATERAL VISUAL FIELD OF EACH EYE SEPARATELY IN PIGEON | AFOSR67-0877 |
| ERRORS IN AUDITORY DIRECTION-FINDING AFTER COMPENSATION FOR VISUAL RE-ARRANGEMENT | AFOSR67-2112 |
| VISUAL EVOKED POTENTIALS AS RECORDED FROM THE SCALP AND FROM THE VISUAL CORTIX BEFORE AND AFTER SURGICAL REMOVAL OF | AFOSR67-2749 |
| CORRELATION BETWEEN LIGHT-AND DARK TONIC ACTIVITY IN THE CENTRAL VISUAL PATHWAYS IN THE ABSENCE AS WELL AS IN THE | AFOSR67-1461 |
| EXPERIMENTAL STUDY OF THE EFFECTS OF SURROUND BRIGHTNESS AND SIZE ON VISUAL PERFORMANCE FINAL REPORT SEP 1967 | AFOSR66-2769 |
| EFFECTS OF STEADY DIFFUSE ILLUMINATION ON RATE OF UNITARY TONIC DISCHARGE IN THE CENTRAL VISUAL PATHWAYS OF THE | ANRL 67-0102 |
| THE EXCITABILITY OF OPTIC NERVE TERMINALS IN THE LATERAL GENICULATE NUCLEUS AFTER STIMULATION OF VISUAL CORTIX | AFOSR66-2700 |
| | AFOSR67-2539 |
| VISUALIZATION | |
| VISUALIZATION OF PLASMA FLUTES IN A Q-MACHINE | AFOSR66-2839 |
| FLOW VISUALIZATION IN AN INCOMPRESSIBLE MEDIUM | ARL 67-1210 |
| FLOW VISUALIZATION USING GLOW DISCHARGE AT HYPERSONIC MACH NUMBERS | ARL 66-1048 |
| MODERN OPTICS DIRECTED TO FLOW VISUALIZATION APPLICATIONS | ARL 67-1225 |
| VISUO-MOTOR | |
| THE DEFUNCT LOBE A VISUO-MOTOR CENTRE IN OCTOPUS | AFOSR66-0203 |
| THE EFFECTS ON LOCOMOTION OF LESIONS TO THE VISUO-MOTOR SYSTEM IN OCTOPUS | AFOSR66-0202 |
| VITRO | |
| METABOLIC PATHWAYS OF DOPAMINE AND NOREPINEPHRINE IN RABBIT BRAIN IN VITRO | AFOSR66-0604 |
| THE EFFECT OF PROTRIPTYLINE ON THE METABOLISM OF DOPAMINE AND NORAADRENALINE IN RABBIT BRAIN IN VITRO | AFOSR66-2712 |
| VIVO | |
| GAS CHROMATOGRAPHIC DETECTION OF IN VIVO ACTIVITY OF EQUINE INFECTIONS ANAEMIA VIRUS | AFOSR66-2178 |
| EFFECT OF DESIPRAMINE AND RESERPINE ON THE IN VIVO N- HYDROXYLATION OF X-METHYL-N-TYRAMINE AND X-METHYLOPPAMINE | AFOSR67-2275 |
| VLASOV | |
| INTEGRAL EQUATION TREATMENT OF THE LINEARIZED VLASOV EQUATION THEORY | ARL 66-1474 |
| DERIVATIONS OF HIERARCHIES FOR N-PARTICLE SYSTEMS AND VLASOV SYSTEMS BY MEANS OF THE FUNCTIONAL CALCULUS | AFOSR67-1506 |
| WORK DONE 1967/68 AT INNSBRUCK UNIVERSITY ON INSTABILITIES THE VLASOV EQUATION PARADAY GENERATORS AND BOUNDARY LAYER | AFOSR66-1323 |
| VLASOV-POISSON | |
| A STUDY OF THE SOLUTIONS OF ONE-DIMENSIONAL VLASOV-POISSON EQUATIONS FOR HARMONIC TIME DEPENDENCE AND EXTERNAL | AFOSR66-0226 |
| VOCODER | |
| VOCODER IMPROVEMENT STUDY FINAL REPORT MAY 1968 | AFOSR66-0332 |
| DEVELOPMENT AND EVALUATION OF VOCODER SYNTHESIZER FOR THE KY-585/U VOCODER | AFOSR67-0002 |
| DEVELOPMENT AND EVALUATION OF 1200 BPS DELTA MODULATION FOR THE KY-584/U VOCODER | AFOSR67-0001 |
| VOICE | |
| IMPROVED ANALOG VOICE COMMUNICATIONS | AFOSR66-0227 |
| VOLATILE | |
| VOLATILE RARE EARTH CHELATES | ARL 67-1046 |
| VOLATILE RARE EARTH, ZIRCONIUM AND HAFNIUM CHELATES OF BETA -DIKETONES | ARL 67-1119 |
| VOLATILE RARE EARTH CHELATES OF BETA-DIKETONES | ARL 67-1137 |
| VOLATILE RARE EARTH CHELATES OF BETA-DIKETONES | ARL 66-0063 |
| VOLATILE METAL COMPOUNDS | ARL 66-1000 |
| VOLATILE RARE-EARTH CHELATES OF 2,2,6,6-TETRAMETHYLHEPTANE-3,5-DIONE | ARL 66-1307 |
| VOLATILE RARE EARTH, ZIRCONIUM, AND HAFNIUM CHELATES OF BETA-DIKETONES | ARL 66-1430 |
| THE VOLATILE RARE EARTH CHELATES OF 1,1,1,2,2,3,3- HEPTAFLUORO-7,7-DIMETHYL-4,6-OCTANEDIONE | ARL 67-0096 |
| THE VOLATILE RARE EARTH CHELATES OF 1,1,1,2,2,3,3- HEPTAFLUORO-7,7-DIMETHYL-4,6-OCTANEDIONE | ARL 67-1014 |
| THE VOLATILE RARE EARTH CHELATES OF HEPTAFLUORO-OCTANEDIONE | ARL 67-1047 |
| THE VOLATILE RARE EARTH CHELATES OF HEPTAFLUORO-OCTANEDIONE | ARL 67-1342 |
| SOLVENT EXTRACTION OF VOLATILE DIVALENT METAL FLUORO-BETA- DIKETONATES | ARL 66-1468 |
| THERMOGRAVIMETRIC ANALYSES AND VAPOR PHASE SEPARATIONS OF VOLATILE METAL COMPLEXES | ARL 66-1050 |
| VAPOR PRESSURES, HEATS OF VAPORIZATION, AND HEATS OF SUBLIMATION OF VOLATILE LANTHANIDE CHELATES | ARL 67-1120 |
| VOLATILIZED | |
| CHARACTERIZATION OF VOLATILIZED SPECIES FROM SOLID PROPELLANTS | AFOSR66-1395 |
| VOLCANIC | |
| EVIDENCE FOR MAGMA IN THE KATMAI VOLCANIC RANGE | AFOSR67-2704 |
| VOLLY | |
| ELECTROPHYSIOLOGICAL STUDY OF RECTAL RESPONSES TO OPTIC NERVE VOLLY | AFOSR67-2547 |
| VOLT | |
| HIGH-RESOLUTION STUDY OF ELECTRON-IMPACT SPECTRA AT KINETIC ENERGIES BETWEEN 33 AND 100 ELECTRON VOLT AND SCATTERING | AFOSR66-2594 |

VOLTAGE

VOLTAGE BREAKDOWN CHARACTERISTICS OF MISSILE ANTENNAS FINAL REPORT MAY 1968
 VOLTAGE CONTROLLED ATTENUATOR
 INTEGRATED VOLTAGE - CONTROLLED OSCILLATORS
 STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/
 STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/
 STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/
 STUDY OF ANTENNA VOLTAGE BREAKDOWN IN A SHOCK TUNNEL /U/ FINAL REPORT APR 1968
 EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
 EXPERIMENTAL STUDY OF VOLTAGE BREAKDOWN CHARACTERISTICS OF TRANSMITTING ANTENNAS
 NETWORKS WITH UNITY-GAIN VOLTAGE AMPLIFIERS
 EFFECTS OF MULTIPLY-CHARGED GOLD IMPURITY ON THE BREAKDOWN VOLTAGE OF SILICON P-N JUNCTIONS
 SINGLE-CRYSTAL STUDIES OF ELECTRICAL CONDUCTIVITY SEEBECK EFFECT AND HALL VOLTAGE IN SODIUM VANADIUM BRONZE AND A
 CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN ELECTRICALLY THICK TUBULAR ANTENNA DRIVEN BY A VOLTAGE ACROSS A FINITE

AFCL68-0334
 AFOSR68-1061
 AFOSR68-1171
 AFCL67-0302
 AFCL67-0456
 AFCL67-0629
 AFCL68-0253
 AFCL67-0657
 AFCL68-0086
 AFCL67-0953
 AFOSR68-1118
 AFOSR68-1474
 AFCL67-0377

VOLTAGES

UNIFORM-FIELD SPARKING VOLTAGES OF GASES IN CROSSED MAGNETIC FIELDS
 IMPROVED SWEEP MODULATOR FOR HIGH DC VOLTAGES

AFCL68-0838
 AFOSR68-2708

VOLTAMMETRIC

VOLTAMMETRIC AND SPECTRAL STUDIES ON ZIRCONIUM IN CHLORIDE MEDIA IN ACETONITRILE

AFOSR68-2267

VOLTERRA

ON VOLTERRA INTEGRAL EQUATIONS WITH NONNEGATIVE INTEGRABLE RESOLVENTS
 A NOTE ON VOLTERRA INTEGRAL EQUATIONS AND TOPOLOGICAL DYNAMICS

AFOSR68-2424
 AFOSR68-2909

VOLTS

A 2 ELECTRON VOLT ARGON BEAM SCATTERING AT A SOLID SURFACE AND OBSERVATIONS OF RADIATION ACCOMPANYING THE BEAM
 GALACTIC NEUTRINO AND ITS ENERGY SPECTRUM ABOVE TWENTY MILLION ELECTRON VOLTS PER NUCLEON

AFOSR68-2354
 AFOSR67-1204

VOLUME

LARGE VOLUME PULSED FIELD COILS APPLICATIONS TO SYNCHRONOUS PULSE OPERATION FROM 250 TO 500 KILOGAUSS
 INFINITE VOLUME LIMIT OF LAMBOA PHI-A FIELD THEORY
 BRAIN FUNCTION VOLUME V AGGRESSION AND DEFENSE NEURAL MECHANISMS AND SOCIAL PATTERNS ICLA FORUM IN MEDICAL SCIENCES
 BRAIN FUNCTION VOLUME IV UCLA FORUM IN MEDICAL SCIENCES NUMBER 6 - PROCEEDINGS OF THE FOURTH CONFERENCE ON BRAIN
 50TH ANNIVERSARY VOLUME
 LIQUID DENSITY AND EXCESS VOLUME OF LIGHT HYDROCARBON MIXTURES AT -165 DEGREES CE* EGRADE
 SPATIAL RESOLUTION OF THE VOLUME EMISSION COEFFICIENT IN STRONGLY SELF-ABSORBING SOURCES OF CYLINDRICAL SYMMETRY
 SOLID HELIX MAGNETS FOR LARGE VOLUME PULSED HIGH FIELDS
 TREATMENT OF THE EFFECT OF EXCLUDED VOLUME AND DEDUCTION OF UNPERTURBED DIMENSIONS OF POLYMER CHAINS CONFIGURATIONAL
 PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 2 PP57-126 MAR-APR 1967 FINAL REPORT MARCH 1968
 PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 3 PP129-220 MAY-JUN 1967
 PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 11 NUMBER 4 PP221-294 JUL-AUG 1967 FINAL REPORT MARCH 1968
 PHOTOGRAPHIC SCIENCE AND ENGINEERING VOLUME 12 NUMBER 1 PP1-64 JAN-FEB 1968
 ISOTOPIC DIFFERENCES IN THE ZERO DEGREES K VOLUME AND SUBLIMATION ENERGIES OF SOLID NEON AND ARGON
 TECHNOLOGICAL BARRIERS TO AREA ICBM DEFENSE VOLUME 1 FINAL REPORT AUG 1968
 MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1963 VOLUME VIII FINAL REPORT AUG 1966
 MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1962 VOLUME VII FINAL REPORT AUG 1966
 MASTERS THESES IN THE PURE AND APPLIED SCIENCES 1961 VOLUME VI FINAL REPORT AUG 1966
 SPECIFIC HEAT RATIOS AND ISENTROPIC EXPONENTS FOR CONSTANT -VOLUME COMBUSTION OF STOICHIOMETRIC MIXTURES OF HYDROGEN-
 AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME VIII-SUPPORTING STUDIES ON TECHNOLOGY AND AND
 AREA DEFENSE AGAINST BALLISTIC MISSILE ATTACK-MIDCOURSE INTERCEPT VOLUME XI-SUMMARY AND HIGHLIGHTS FINAL REPORT FEB
 STUDY OF SCIENTIFIC AND TECHNICAL DATA ACTIVITIES IN THE UNITED STATES VOLUME II PART C PRELIMINARY CENSUS OF OF
 RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME I - MERCURY CONDENSATION EXPERIMENTS
 RESEARCH ON HYPERSONIC CONDENSATION PHENOMENA IN HIGH TEMPERATURE GASES VOLUME II - CONDENSATION EXPERIMENTS IN A
 MESOSCALE STRUCTURE OF THE ATMOSPHERE IN REGIONS OF CLEAR- AIR TURBULENCE VOLUME I
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME V WEATHER MODIFICATION
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME I THEORY OF STATISTICS
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART I PROBABILITY
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME II PART II PROBABILITY
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME III PHYSICAL SCIENCES
 PROCEEDINGS OF THE FIFTH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME IV BIOLOGY AND PROBLEMS
 REVIEW OF WORLDWIDE ATMOSPHERIC AND COMMUNICATIONS EFFECTS OF U S 1962 NUCLEAR TESTS /U/ -- VOLUME II FINAL REPORT NOV
 PROCEEDINGS OF THE THIRD SYMPOSIUM ON THE PLASMA SHEATH- PLASMA ELECTROMAGNETICS OF HYPERSONIC FLIGHT VOLUME II

AFOSR67-2374
 AFOSR68-1264
 AFOSR68-1341
 AFOSR68-1342
 ARL 68-0223
 AFOSR68-2130
 ARL 68-0174
 AFOSR67-1236
 AFOSR67-0240
 AFOSR68-0781
 AFOSR68-0782
 AFOSR68-0783
 AFOSR68-0784
 AFOSR67-0489
 DRA 68-0010
 AFOSR67-0302
 AFOSR67-0363
 AFOSR67-0364
 ARL 67-0017
 DRA 67-0011
 DRA 68-0002
 AFOSR68-1403
 ARL 68-0142
 ARL 68-0143
 AFCL67-0115
 AFOSR68-2005
 AFOSR68-2000
 AFOSR68-2001
 AFOSR68-2002
 AFOSR68-2003
 AFOSR68-2004
 AFCL67-0103
 AFCL67-0280

VOLUMES

ANIMAL SONAR SYSTEM BIOLOGY AND BIONICS VOLUMES 1 AND 2 SYMPOSIUM ON MIDONIC MODELS OF THE ANIMAL SONAR SYSTEM VILLA

AFOSR67-2074

VOLUNTARISM

VOLUNTARISM AND SOCIAL CONTROL

AFOSR68-2302

VORTEX

VORTEX INDUCED ROLLING MOMENTS ON FINNED MISSILES AT HIGH ANGLE OF ATTACK
 VORTEX RINGS AND THE PLATE JET
 QUANTIZED VORTEX RINGS IN ROTATING HELIUM II
 MOTION OF THE VORTEX STRUCTURE IN TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELD
 EXPERIMENTS ON VORTEX SHEDDING FROM YAWED CIRCULAR CYLINDER
 MOTION AND DECAY OF A VORTEX RING
 CHARGE DENSITY NEAR A VORTEX LINE IN TYPE II SUPERCONDUCTORS
 NEGATIVE-ION CAPTURE BY VORTEX LINES IN HELIUM II
 THRESHOLD FOR SUPERFLUID VORTEX LINES IN A ROTATING ANNULUS
 INTERACTION OF QUANTIZED VORTEX RINGS WITH QUANTIZED VORTEX LINES IN ROTATING HE II
 INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW PART II FINAL REPORT JULY 1968
 INVESTIGATION OF STREAMWISE VORTEX SYSTEMS GENERATED IN CERTAIN CLASSES OF CURVED FLOW. PART I FINAL REPORT JULY 1968
 IMPURITY SCATTERING BY A CLASSICAL VORTEX
 HEAT FLOW IN A SUPERCONDUCTOR IN THE VORTEX STATE
 AN EXPERIMENT WITH PARTICLES IN A FREE VORTEX
 MOTION OF NEGATIVE IONS ALONG QUANTIZED VORTEX LINES
 DISTORTION OF A SHOCK WAVE TRAVELING BY A VORTEX
 INTERACTION OF QUANTIZED VORTEX RINGS WITH QUANTIZED VORTEX LINES IN ROTATING HE II
 OPTICAL DENSITY MEASUREMENTS IN A HIGH SPEED CONFINED GASEOUS VORTEX
 A LINEARIZED ANALYSIS OF MASS-TRANSFER EFFECTS ON CONFINED LAMINAR VORTEX FLOWS
 OPTICAL MEASUREMENT OF RADIAL DENSITY DISTRIBUTIONS IN A HIGH-SPEED CONFINED AIR VORTEX. FINAL REPORT DEC 1967

AFCL68-0560
 AFOSR68-0472
 AFOSR67-1016
 AFOSR68-0540
 AFOSR68-1422
 AFOSR67-0077
 AFOSR67-2366
 AFOSR68-0697
 AFOSR67-2569
 AFOSR68-2527
 ARL 68-0133
 ARL 68-0134
 AFOSR67-0580
 AFOSR67-0746
 ARL 67-0145
 AFOSR68-2286
 AFOSR67-0127
 AFOSR68-2527
 ARL 68-0315
 ARL 68-0071
 ARL 67-0234

VORTICES

VORTICES IN AN IMPERFECT DENSE GAS IV TRANSLATIONAL VELOCITY
 PLASMA VORTICES IN THE COAXIAL ACCELERATOR
 QUANTIZED VORTICES IN AN IMPERFECT DENSE GAS AND THE BREAKDOWN OF SUPERFLUIDITY IN LIQUID HELIUM I.

AFOSR67-0581
 AFOSR68-1668
 AFOSR68-0970

VORTICES - CONTINUED

DISTRIBUTION OF VORTICES IN ROTATING HELIUM II
QUANTUM THEORY OF SUPERFLUID VORTICES I LIQUID HELIUM II
QUANTUM THEORY OF SUPERFLUID VORTICES II TYPE-II SUPERCONDUCTORS
EQUILIBRIUM DISTRIBUTION OF RECTILINEAR VORTICES IN A ROTATING CONTAINER
MEASUREMENT OF ROTATIONAL-VELOCITY AND ION-DENSITY PROFILES IN PLASMA VORTICES
PRELIMINARY ANALYTICAL EXPLORATIONS OF HEAT TRANSFER FROM BOUNDARY LAYERS CONTAINING STREAMWISE VORTICES, FINAL REPORT ARL 67-0280

VORTICITY

PERIODIC VORTICITY AND ITS EFFECT ON JET MIXING
RESEARCH ON VORTICITY IN SUPERFLUID HELIUM FINAL REPORT DEC 1966
ANALYSIS OF FAR-FIELD MIXING WITH A PERIODIC SOURCE OF VORTICITY AT THE ORIFICE
ENHANCEMENT OF HEAT AND MASS TRANSFER IN A STAGNATION REGION BY PRPE STREAM VORTICITY

VRIES

KORTEWEG-DE VRIES EQUATION AND GENERALIZATIONS I A REMARKABLE EXPLICIT NONLINEAR TRANSFORMATION
KORTEWEG-DE VRIES EQUATION AND GENERALIZATIONS II EXISTENCE OF CONSERVATION LAWS AND CONSTANTS OF MOTION

VSUPPER

PROPERTIES OF LEVELS IN VSUPPER AT FROM THE VSUPPER 46 P. GAMMA VSUPPER 47 REACTION

VULGARIS

CENTRIFUGAL FINERS TO THE RETINA OF OCTOPUS VULGARIS
CHANGES IN BODY WEIGHT AND INTAKE OF FOOD BY OCTOPUS VULGARIS
LEVELS OF RESPONSIVENESS TO FOOD OR ITS ABSENCE AND THE VERTICAL LORE CIRCUIT OF OCTOPUS VULGARIS LAMARCK

VULNERABILITIES

U S VULNERABILITIES AS PORTRAYED IN THE EAST GERMAN TELEVISION FILM PILOTS IN PAJAMAS

VULNERABILITY

VULNERABILITY OF COMMUNICATION NETWORKS

VAAALS

VAN DER VAAALS FORCE DISPERSION THEORY AND SINGULARITIES ON SECOND RIEMANN SHEETS
EXACT COMPUTATION OF THE VAN DER VAAALS CONSTANT FOR TWO HYDROGEN ATOMS
GENERAL FORM OF THE RETARDED VAN DER VAAALS POTENTIAL
A SIMPLE METHOD FOR CALCULATING VAN DER VAAALS INTERACTIONS
QUANTUM-MECHANICAL EXTENSION OF THE LEROWITZ-PENROSE THEOREM ON THE VAN DER VAAALS THEORY

WAERDFN

ON A CONJECTURE OF S L VAN DER WAERDFN

WAKE

WAKE MEASUREMENTS BEHIND A CONE SUSPENDED MAGNETICALLY IN A MACH NUMBER 4.3 STREAM
THE THREE-DIMENSIONAL WAKE BEHIND AN OBSTACLE ON A FLAT PLATE
A NUMERICAL SOLUTION FOR THE LAMINAR WAKE BEHIND A FINITE FLAT PLATE
THE FLOW FIELD IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO-DIMENSIONAL WEDGE-FLAT PLATE MODEL
AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE TURBULENT FAR WAKE
THE VELOCITY, PRESSURE AND TEMPERATURE DISTRIBUTION IN THE TURBULENT SUPERSONIC NEAR WAKE BEHIND A TWO DIMENSIONAL

WAKEFULNESS

BEHAVIORAL AND POLYGRAPHIC STUDY OF SLEEP AND WAKEFULNESS IN CHRONIC DECREMENTAL CATS
EFFECT OF INTERMENSTRUAL TRANSACTION ON THE EEG PATTERNS IN SLEEP AND WAKEFULNESS IN MONKEYS

WAKES

ASYMPTOTIC SOLUTIONS OF WAKES AND BOUNDARY LAYERS
SOME REMARKS ON THREE-DIMENSIONAL WAKES AND JETS
A QUASI-AXISYMMETRIC APPROXIMATION FOR TURBULENT THREE- DIMENSIONAL JETS AND WAKES

WAKING

RESPONSE DURING SLEEP WITH INTERVENING WAKING AMNESIA
CHARACTERISTICS OF NEW SLEEP FOLLOWING DIFFERENT CONDITIONED RATES OF WAKING EYE MOVEMENT IN THE MONKEY

WALDFN

EFFECT OF PRESSURE ON CONDUCTANCE BY IONIC ASSOCIATION AND WALDEN PRODUCTS IN ETHANOL

WALL

WALL SHEAR STRESS DISTRIBUTION FOR FLOW AROUND A CIRCULAR CYLINDER AT REYNOLDS NUMBER BETWEEN 60 AND 340
WALL TEMPERATURE EFFECT ON INCIDENT SEPARATION FINAL REPORT JAN 1967
THE EFFECT OF WALL TEMPERATURE ON THE LOW REYNOLDS NUMBER HYPERSONIC STAGNATION REGION SHOCK LAYER
VELOCITY GRADIENTS AT THE WALL FOR FLOW AROUND A CYLINDER FOR REYNOLDS NUMBERS BETWEEN 60 AND 360
A STUDY OF TURBULENCE AT A WALL USING AN ELECTROCHEMICAL WALL SHEAR-STRESS METER
LAMINAR FLOW ALONG A VERTICAL WALL
STUDY OF TURBULENCE CLOSE TO A SOLID WALL
LIMITING RELATION FOR THE FLOW DIFFUSIVITY CLOSE TO A WALL
A STUDY OF THREE-DIMENSIONAL INCOMPRESSIBLE TURBULENT WALL JETS
A STUDY OF TURBULENCE AT A WALL USING AN ELECTROCHEMICAL WALL SHEAR-STRESS METER
AN EXPERIMENTAL STUDY OF TURBULENCE PRODUCTION NEAR A SMOOTH WALL IN A TURBULENT BOUNDARY LAYER WITH ZERO
TRANSIENT NATURAL CONVECTION IN A VERTICAL TUBE WITH NON-AXISYMMETRIC WALL TEMPERATURE

WALL-JET

THE TURBULENT, BOUNDED WALL-JET A SOLUTION TO THE LINEARIZED EQUATIONS FINAL REPORT NOVEMBER 1968

WALL-STABILIZED

AN APPROACH TO RADIATION SOURCE DESIGN FOR MILITARY APPLICATION UTILIZING THE WALL-STABILIZED ARC AS AN EXAMPLE FINAL

WALLED

CALCULATION OF THE LOAD CARRYING CAPACITY OF INITIALLY SLIGHTLY IMPERFECT THIN WALLED CIRCULAR CYLINDRICAL SHELLS OF

WALLS
 VISCOUS FLOW IN A PIPE WITH ABSORBING WALLS
 AN EXPERIMENTAL STUDY OF TURBULENT BOUNDARY LAYER ON ROUGH WALLS
 LEVEL SHIFTS DUE TO THE CONFINEMENT OF AN ATOM BY CONDUCTING WALLS
 MATHEMATICAL ANALYSIS OF LANDIS-TYPE EXPERIMENTS ON THE TRANSPORT OF FLUID ACROSS THE WALLS OF CAPILLARY BLOOD VESSELS
 AFOSR66-0599
 AFOSR67-0520
 AFCL67-0897
 AFOSR66-2388

WARD
 WARD IDENTITIES UNSUBTRACTED DISPERSION RELATIONS AND FEYNMAN GRAPHS
 AFOSR67-2487

WARN
 PROPAGATION IN WAVEGUIDES FILLED WITH WARM PLASMA
 SUDOMOTOR ACTIVITY AS AFFECTED BY THE THERMAL STATUS OF THE SKIN IN A WARM ENVIRONMENT
 AFCL67-0418
 AFOSR66-2803

WARNING
 THE DYNAMICS OF THE STRATOSPHERE DURING THE 1988 WARMING
 AFCL67-0366

WARMTH
 APPARENT WARMTH AS A FUNCTION OF THERMAL IRRADIATION
 AFOSR66-0313

WASHINGTON
 PROCEEDINGS OF THE 1965 CONGRESS INTERNATIONAL FEDERATION FOR DOCUMENTATION WASHINGTON D C 7-16 OCT 1965 AMERICAN
 AFOSR67-0003

WASTE
 A STUDY OF FUNDAMENTAL FACTORS PERTINENT TO MICROBIOLOGICAL WASTE CONVERSION IN CONTROL OF ISOLATED ENVIRONMENTS FINAL
 AFCL67-0485

WATER
 WATER INSOLUBLE OPRIVATIVES OF PROTEINS WITH BIOLOGICAL ACTIVITY FINAL REPORT SEPT 1967
 EFFECT OF WATER AND SOME OTHER HYDROGEN BOND DONORS AND ACCEPTORS ON PAM IN ACETONITRILE OF MIXTURES OF ACIDS AND
 ON THE DETECTION OF WATER ON THE MOON
 GAIN CHARACTERISTICS OF A WATER VAPOR LASER
 SONIC DETECTION OF A PULSED WATER VAPOR LASER
 PROTONATION IN ACETONITRILE OF WATER ALCOHOLS AND DIETHYL ETHER
 WEAK HYDRAULIC JUMPS IN SHALLOW WATER
 THE HYDRATION NUMBER AND RATE OF WATER EXCHANGE OF THE TRIMETHYLPLATINUM IV ION IN AQUEOUS SOLUTION DETERMINED BY
 STRUCTURE AND PROPERTIES OF LIQUID WATER
 ALTERATIONS IN SODIUM CHLORIDE AND WATER INTAKE AFTER SEPTAL LESIONS IN THE RAT
 THE FLUOROSULFURIC ACID SOLVENT SYSTEM IV THE SOLUTS WATER AND POTASSIUM NITRATE
 IMPOSSIBILITY OF NON-THERMAL RADIO EMISSION FROM VENUS WATER CLOUDS
 THERMAL DIFFUSION OF ELECTROLYTES IN ORDINARY AND HEAVY WATER
 HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE X-BAND FARADAY ROTATION OF WATER ADSORBED ON HEMOGLOBIN
 COMPARISON BETWEEN EXPERIMENTAL AND CALCULATED SPECTRA OF CARBON DIOXIDE AND WATER VAPOR
 EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE STABILITY OF AIR FLOW OVER A WATER SURFACE
 THE USE OF PAIN-STATE REPORTS IN THE STUDY OF HYPNOTIC ANALGESIA TO THE PAIN OF ICE WATER
 NUCLEOPHILIC DISPLACEMENTS AT SULFUR III THE EXCHANGE OF OXYGEN-18 BETWEEN SODIUM THIOSULFATE-O-18 AND WATER
 AFOSR67-2025
 AFOSR67-2106
 AFOSR67-1646
 AFOSR66-2855
 AFOSR66-2446
 AFOSR66-2810
 AFOSR67-0830
 AFOSR66-2864
 AFOSR67-2088
 AFOSR66-0416
 AFOSR67-0544
 AFOSR67-2279
 ARL 67-0043
 AFOSR67-2081
 AFCL66-0105
 AFOSR66-2821
 AFOSR67-2729
 AFOSR67-2314

WATER-VAPOR
 THE INFLUENCE OF WATER-VAPOR OPACITY AND THE EFFICIENCY OF CONVECTION ON MODELS OF LATP-TYPE STARS
 AN EXPERIMENTAL TEST OF PROPOSED WATER-VAPOR LASER TRANSITION ASSIGNMENTS
 AFOSR66-0116
 AFOSR66-2626

WATER-WATER
 TEMPERATURE DEPENDENCE OF VIBRATIONAL TRANSITION PROBABILITIES IN WATER-WATER COLLISIONS
 AFOSR66-1573

WATSON
 ON THE WATSON TRANSFORMATION
 AFOSR67-0246

WAVE
 WAVE PROPAGATION IN A NON-MAXWELLIAN MAGNETOACTIVE NONLINEAR PLASMA FINAL REPORT MAY 1967
 WAVE INTERACTION IN NONRELATIVISTIC ELECTRON BEAM-PLASMA SYSTEMS
 WAVE PROPAGATION ALONG PERIODIC STRUCTURES AND PLASMA SLABS FINAL REPORT MAY 1967
 WAVE PROPAGATION IN MATERIALS HAVING FREQUENCY DEPENDENT RHOLOGICAL PROPERTIES
 WAVE PROPAGATION IN A RANDOM MEDIUM
 WAVE PROPAGATION IN THIN RODS WITH QUICKSCENT TEMPERATURE GRADIENTS
 WAVE INTERACTIONS WITH MOVING BOUNDARIES
 WAVE INTERACTIONS IN SATURABLE ABSORBERS
 WAVE PROPAGATION IN SOLID STATE PLASMAS FINAL REPORT JULY 1968
 WAVE PROPAGATION IN A SANDWICH RING
 WAVE PROPAGATION IN LAMELLAR COMPOSITE MATERIALS
 WAVE PROPAGATION IN A DISSOCIATING AND DIFFUSING GAS
 WAVE PROPAGATIONS IN A PLASMA
 D WAVE DIFFRACTION THEORY AND THE STRUCTURE OF THE CORE- MANTLE BOUNDARY
 SPIN WAVE STOP BANDS OF LOCALIZED EXCITONS
 LOVE WAVE SPECTRA AND THE MECHANISM OF THE 1966 PARKFIELD SEQUENCE
 PLANE WAVE PROPAGATION THROUGH A COMPRESSIBLE INHOMOGENEOUS PLASMA
 THE S WAVE PROJECT FOR FOCAL MECHANISM STUDIES FINAL REPORT MARCH 1966
 PLANE WAVE PROPAGATION IN THE HALF SPACE WITH RANDOM EXCITATION AND COUPLING BETWEEN STRESS AND TEMPERATURE FIELD
 SHOCK WAVE STUDIES USING A PLASMA WIND TUNNEL
 SHOCK WAVE PRECURSOR MEASUREMENTS PART I ONE-DIMENSIONAL THEORY OF ELECTROSTATIC PROBES IN UNSTEADY CONDITIONS WITH
 SHOCK WAVE PRECURSOR MEASUREMENTS PART II EXPERIMENTAL APPARATUS AND AIR TEST RESULTS
 STRESS WAVE PROPAGATION IN A PRESTRESSED MEDIUM FINAL REPORT OCT 1967
 STRESS WAVE GENERATION IN A TEMPERATURE-DEPENDENT ABSORBING SOLID BY IMPULSIVE ELECTROMAGNETIC RADIATION
 ELASTIC WAVE EXCITATION IN PIEZOELECTRIC SLABS
 COUPLED WAVE EQUATIONS FOR MULTI-MODE INHOMOGENEOUS MEDIA II
 GROWING WAVE AND INSTABILITY CRITERIA FOR HOT PLASMAS
 GROWING WAVE AND INSTABILITY CRITERIA FOR HOT PLASMAS
 TRANSIENT WAVE PROPAGATION IN A PLASMA
 MULTI-MODE WAVE COUPLING IN INHOMOGENEOUS ANISOTROPIC MEDIA - WITH SOME MAGNETOIONIC APPLICATIONS
 USE OF OPR WAVE FUNCTIONS FOR INTERBAND ABSORPTION IN THE ALKALIS
 A SINUSOIDAL WAVE GENERATOR FOR DYNAMIC TESTING OF FLUIDIC DEVICES
 HIGH RAYLEIGH WAVE PHASE VELOCITIES FOR THE NEW DELHI INDIA-LAHORE PAKISTAN PROFILE
 THE DISTORTED WAVE ψ -MATRIX APPROXIMATION FOR THE ν p $2p$ REACTION
 EXCITED-STATE WAVE FUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS FOR KRYPTON AND XENON
 GRAVITATIONAL WAVE TAILS
 SUR-MILLIMETER WAVE GENERATION AND SPECTROSCOPY FINAL REPORT JUNE 1968
 THE PROGRESSING WAVE FORMALISM FOR ELECTROMAGNETIC WAVES FROM MOVING SOURCES
 MOTION OF A SHOCK WAVE THROUGH TUBES OF CONVERGING OR DIVERGING CROSS SECTION
 ANALYSIS OF BRAIN WAVE RECORDS FROM GEMINI FLIGHT GT-7 BY COMPUTATIONS TO BE USED IN A THIRTY DAY PRIMATE FLIGHT
 AFCL67-0310
 AFCL67-0375
 AFCL67-0441
 AFCL66-0141
 AFCL66-0343
 AFOSR67-1022
 AFOSR67-2072
 AFOSR66-0094
 AFOSR66-1548
 AFOSR66-2789
 AFOSR66-2290
 ARL 67-1187
 ARL 66-1036
 AFOSR67-1189
 AFOSR66-0885
 AFOSR66-1432
 AFCL67-0209
 AFOSR67-0301
 AFOSR67-0652
 AFOSR66-0147
 AFOSR66-1747
 AFOSR66-1772
 AFCL67-0529
 AFOSR66-1616
 AFCL67-0526
 AFCL67-0644
 ARL 66-0333
 ARL 66-0336
 AFCL67-0383
 AFCL66-0067
 AFOSR67-1719
 AFOSR66-2582
 AFCL67-0022
 AFOSR67-0505
 AFOSR67-0745
 ARL 67-1049
 AFOSR66-2200
 AFCL67-0521
 AFOSR67-0567
 AFOSR67-1681

MULTI-MODE SURFACE WAVE DIFFRACTION BY A RIGHT-ANGLED WEDGE
 THERMODYNAMICS AND WAVE PROPAGATION
 GAS IONIZING SHOCK WAVE IN MAGNETIC SHOCK TUBE
 PLASMA HEATING AND WAVE PROPAGATION AT HARMONICS OF THE ION CYCLOTRON FREQUENCY
 THERMODYNAMICS AND WAVE PROPAGATION IN NON-LINEAR MATERIALS WITH MEMORY
 COB AS AN ACOUSTIC WAVE GUIDE
 COLLISIONLESS SHOCK WAVE IN A PLASMA
 THE FARTHS OWN SHOCK WAVE
 THICKNESS OF A SHOCK WAVE IN HYDROGEN
 DISTORTION OF A SHOCK WAVE TRAVERSED BY A VORTEX
 FLUCTUATIONS OF A-FAW WAVE PROPAGATING THROUGH A LOCALLY HOMOGENEOUS MEDIUM
 ATTENUATION OF A SHOCK WAVE DUE TO THE NONEQUILIBRIUM IONIZATION AND RADIATION
 PROPAGATION OF SPHERICAL WAVE IN NON-STATIONARY MEDIA
 THERMONUCLEAR DETONATION WAVE STRUCTURE
 THE APPROACH TO THE PLASMA WAVE IN UNSTEADY HYPERSONIC FLOW
 THE INTERACTION OF A SHOCK WAVE WITH A LAMINAR BOUNDARY LAYER
 FAR-INFRARED AND MILLIMETER WAVE STUDIES OF XENON HEXAFLUORIDE
 AN INVESTIGATION OF SEISMIC WAVE PROPAGATION IN THE EASTERN UNITED STATES
 THE APPLICATION OF IMPLUSION WAVE DYNAMICS TO A HYPERVELOCITY LAUNCHER, FINAL REPORT DEC 1967
 AN INEQUALITY FOR THE REDUCED WAVE OPERATOR AND THE JUSTIFICATION OF GEOMETRICAL OPTICS
 HIGH ORDER OF PLASMA HEATING AND WAVE PROPAGATION NEAR THE FUNDAMENTAL AND HARMONICS OF THE ION CYCLOTRON FREQUENCY
 COMMENTS ON SOLUTION FOR A SHOCK WAVE OF BINOIAL DISTRIBUTION USING BHATTNAGAR-GROSS-KROOK MODELS
 COLLECTION AND ANALYSIS OF SEISMIC WAVE PROPAGATION DATA
 GENERAL MASS FORMULA FOR THE HANDBY WAVE EQUATIONS
 NON WAVEGUIDE METHODS OF MILLIMETER WAVE TRANSMISSION FINAL REPORT JUNE 1968
 MATHEMATICAL ANALYSIS OF THE THERMAL WAVE TECHNIQUE FOR LINEAR KINETICS
 IRREGULAR REFRACTION OF A STRONG SHOCK WAVE BY A WEDGE OF HOT GAS
 VECTOR POLAR METHOD FOR THE ANALYSIS OF WAVE INTERSECTIONS
 AN EXPERIMENTAL AND THEORETICAL STUDY OF WAVE MIXING IN A BOUNDED MAGNETOPLASMA
 ONE-DIMENSIONAL ANALYSIS OF A TRAVELLING WAVE ACCELERATOR
 EXACT INVARIANTS FOR A CLASS OF NONLINEAR WAVE EQUATIONS
 A STUDY OF THE CORE-MANTLE BOUNDARY USING P WAVE DIFFRACTED BY THE EARTH'S CORE
 TABLE OF HARTREE-FOCK SELF CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT III FINAL REPORT JAN 1967
 TABLE OF HARTREE-FOCK SELF CONSISTENT FIELD WAVE FUNCTIONS WITH EXCHANGE SUPPLEMENT IV FINAL REPORT FEB 1968
 INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES FINAL REPORT FFA 1967 PART II
 INVESTIGATION OF USE OF SUPERIMPOSED SURFACE WAVE MODES FINAL REPORT MAR 1968
 STEADY PROFILE OF A FINITE-AMPLITUDE KINEMATIC WAVE ON A GLACIER
 GROWTH OF DISTORTION IN A FINITE-AMPLITUDE SOUND WAVE IN AIR
 THE VELOCITY DISTRIBUTION FUNCTION WITHIN A SHOCK WAVE
 INTERACTION OF EXTERNAL RADIATION WITH AN ACOUSTIC WAVE
 EXPERIMENTAL INVESTIGATION OF HARMONIC ION CYCLOTRON WAVE PROPAGATION AND ATTENUATION
 NUMERICAL EXPERIMENTS IN THE ESTIMATION OF FREQUENCY- WAVE NUMBER SPECTRA OF SEISMIC EVENTS USING LINEAR ARRAYS
 DIFFRACTION AND SCATTERING OF THE ELECTROMAGNETIC GROUND WAVE BY TERRAIN FEATURES
 LOWER D-REGION WAVELENGTH EXPERIMENTS USING LOW FREQUENCY RADIO WAVE ABSORPTION
 WAVE-FRONT OBSERVATIONS AT 35 GHZ ON A LINE-OF-SIGHT RADIO- WAVE PROPAGATION PATH
 A STUDY OF THE RELATIONSHIP BETWEEN MULTIPATH DISTORTION AND WAVE NUMBER SPECTRUM OF DIELECTRIC NOISE IN RADIO LINKS
 PRODUCTION AND PROPAGATION OF PLASMONS IN A NONLINEAR ALFVEN WAVE
 EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION
 EVALUATION OF SEISMIC INSTRUMENTS AND BASIC RESEARCH ON SEISMIC WAVE PROPAGATION FINAL REPORT OCT 1966
 EXISTENCE AND NONEXISTENCE IN THE LARGE OF SOLUTIONS OF QUASILINEAR WAVE EQUATIONS
 TEST-PARTICLE PROPAGATOR AND ITS APPLICATION TO THE OSCILLATION OF PLASMA WAVE ECHOES
 HYPERSONIC FLOW OF BLUNT DELTA WINGS AT LOW ANGLES OF ATTACK I SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION
 THE RESOLUTION OF THE THERMODYNAMIC PARADOX AND THE THEORY OF GUIDED WAVE PROPAGATION IN ANISOTROPIC MEDIA
 CALCULATIONS OF THE DOUBLET-S GROUND STATE OF THE LITHIUM ATOM USING WAVE FUNCTIONS OF HYLLEBERG-TYPE
 EQUIVALENCE RESTRICTIONS AND THE BRILLOUIN CONDITION FOR HARTREE-FOCK WAVE FUNCTIONS
 GENERALIZED IMPEDANCE BOUNDARY CONDITIONS WITH APPLICATIONS TO SURFACE WAVE STRUCTURES
 RESEARCH ON ELECTROMAGNETIC PLASMA ACCELERATION VOL I THE DEVELOPMENT OF A CW TRAVELING WAVE ACCELERATOR FOR THE
 MEASUREMENT OF THE CONDUCTIVITY AND DIELECTRIC CONSTANT OF A HOMOGENEOUS MEDIUM BY MEANS OF WAVE PROPAGATION
 CALCULATION OF ELECTRON SHAKE-OFF FOR ELEMENTS FROM Z EQUAL WITH THE USE OF SELF-CONSISTENT-FIELD WAVE FUNCTIONS
 AN INVESTIGATION OF THE ANALYTIC PROPERTIES OF SOLUTIONS TO THE GENERALIZED AXIALLY SYMMETRIC REDUCED WAVE EQUATION IN AFOSR68-0766

WAVE-FRONT
 WAVE-FRONT OBSERVATIONS AT 35 GHZ ON A LINE-OF-SIGHT RADIO- WAVE PROPAGATION PATH
 WAVE-FRONT OBSERVATIONS AT 35 GHZ ON A LINE-OF-SIGHT RADIO-WAVE PROPAGATION PATH FINAL REPORT DEC 1967

WAVE-LAMINAR
 THEORETICAL AND EXPERIMENTAL STUDIES OF SHOCK WAVE-LAMINAR BOUNDARY LAYER INTERACTION IN THE STRONG INTERACTION REGIME ARL 67-0112

WAVE-LENGTH
 WAVE-LENGTH DISCRIMINATION IN INSECTS A RECEPTOR CLASSES IN THE COMPOUND EYE OF THE BACKSWIMMER NOTONECTA B SPECTRAL

WAVEEQUATION
 AN EXPLICIT DETERMINATION OF THE EMPTY SPACE-TIMES ON WHICH THE WAVEEQUATION SATISFIES HUYGENS PRINCIPLES ARL 67-1320

WAVEFORM
 NMR RELAXATION MEASUREMENTS USING WAVEFORM BURSTS APPLICATION TO COB ARL 68-0301

WAVEFORMS
 SYNTHESIZING THE WAVEFORMS OF RAYS PULSES AFOSR67-2124

WAVEFRONT
 WAVEFRONT RECONSTRUCTION WITH LIGHT OF FINITE COHERENCE LENGTH AFOSR67-0286

WAVEFUNCTIONS
 ORBITAL WAVEFUNCTIONS FOR ETHANE METHYL ALCOHOL AND HYDROGEN PEROXIDE
 EXCITED-STATE WAVEFUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS IN SELFNIO
 GEOMETRY OF MOLECULES I WAVEFUNCTIONS FOR SOME SIX- AND EIGHT-ELECTRON POLYHYDROIDES
 ORIGIN OF ROTATIONAL BARRIERS II METHYLAMINE AND IMPROVED WAVEFUNCTIONS FOR HYDROGEN PEROXIDE

WAVEGUIDE
 NON WAVEGUIDE METHODS OF MILLIMETER WAVE TRANSMISSION FINAL REPORT JUNE 1968
 HOT PLASMA IN A CYLINDRICAL WAVEGUIDE
 AN INVESTIGATION OF A VARIABLE WAVEGUIDE COUPLED WITH 360 DEGREES OF PHASE CONTROL
 SOLUTION OF THE DISCONTINUITY PROBLEM BETWEEN AN EMPTY RECTANGULAR WAVEGUIDE AND THE SAME GUIDE COMPLETELY FILLED WITH

AFCL67-0073
 AFOSR67-0048
 AFOSR67-1907
 AFOSR67-2496
 AFOSR68-1793
 ARL 67-1800
 AFOSR67-2437
 AFCL67-0361
 AFOSR68-0224
 AFOSR67-0127
 AFCL68-0433
 AFOSR67-1318
 AFCL68-0333
 AFOSR68-1603
 ARL 67-1668
 AFOSR68-1682
 AFOSR68-1628
 AFOSR68-1943
 ARL 67-0220
 AFOSR68-1813
 AFOSR67-0229
 AFOSR68-1230
 AFOSR67-2773
 AFOSR68-1367
 AFOSR68-1348
 AFOSR68-1518
 ARL 67-0229
 AFOSR67-0850
 AFCL68-0437
 AFOSR67-0383
 AFOSR67-0395
 AFOSR67-1193
 ARL 67-0014
 ARL 68-0028
 AFCL67-0171
 AFCL68-0211
 AFOSR68-1113
 AFOSR67-0480
 AFOSR68-0860
 AFOSR68-2847
 AFOSR67-1364
 AFOSR67-1201
 AFCL68-0812
 AFCL67-0560
 AFCL67-0696
 AFCL68-0439
 AFOSR68-2670
 AFCL67-0447
 AFCL68-0589
 AFOSR68-0916
 AFOSR68-2853
 AFOSR67-0006
 AFOSR68-1193
 AFOSR68-2570
 AFOSR68-0950
 AFCL67-0519
 AFOSR67-0979
 AFCL68-0440
 AFOSR68-2447
 AFOSR68-0766

AFCL67-0696
 AFCL68-0096

AFOSR67-0714

ARL 67-1320

ARL 68-0301

AFOSR67-2124

AFOSR67-0286

AFOSR67-2469
 AFOSR68-1561
 AFOSR67-2467
 AFOSR67-2466

AFOSR68-1346
 AFOSR67-1233
 AFCL67-0090
 AFCL67-0507

WAVEGUIDES

PROPAGATION IN WAVEGUIDES FILLED WITH WARM PLASMA
EXCITATION OF WAVES IN HOT-PLASMA WAVEGUIDES WITH INFINITE MAGNETOSTATIC FIELDS

AFCL67-0419
AFOSR67-0432

WAVELENGTH

SHORT WAVELENGTH IMPURITY RITON TRANSITIONS IN CDS AT 1.2 DEGREES K
ON THE WAVELENGTH DEPENDENCE OF THE BANDWIDTH AND THE DURATION OF TYPE I SOLAR RADIO BURSTS
THE RELATION BETWEEN THE ELECTRONIC OSCILLATOR STRENGTH AND THE WAVELENGTH FOR DIATOMIC MOLECULES
RADIOMETRIC OBSERVATIONS OF THE PLANETS JUPITER VENUS AND MARS AT A WAVELENGTH OF 0.6 MILLIMETERS

ARL 67-1288
AFCL68-0204
AFOSR67-1013
AFCL67-0409

WAVELENGTH

RADIO INTERFEROMETRY USING A BASE LINE OF 20 MILLION WAVELENGTHS
INTERACTION OF ANTHRACENE AND RIACETYL AT DIFFERENT EXCITATION WAVELENGTHS

AFOSR68-2008
ARL 68-0130

WAVES

WAVES IN ROUNDED PLASMA FINAL REPORT MARCH 1967
WAVES IN FERROMAGNETIC METALS FINAL REPORT MAY 1968
WAVES IN A SEMI-INFINITE PLATE IN SMOOTH CONTACT WITH A HARMONICALLY DISTURBED HALF-SPACE
WAVES IN PLASMA
WAVES OF IONIZATION IN A CORONA DISCHARGE
WAVES OF IONIZATION IN A NITROGEN DISCHARGE
SPIN WAVES DISPERSION AND ENERGY BANDS IN FCC METALS
SHOCK WAVES PRODUCED BY SMALL STRESS INCREMENTS IN ANNEALED ALUMINUM
SHOCK WAVES IN PLASMA PHYSICS
GUIDED WAVES IN ROUNDED MEDIA WITH RANDOM CROSS INHOMOGENEITIES
STRESS WAVES IN A TEMPERATURE DEPENDENT VISCOELASTIC HALF-SPACE SUBJECTED TO IMPULSIVE ELECTROMAGNETIC RADIATION
GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART II RELATIVISTIC VELOCITIES
GUIDED WAVES IN MOVING DISPERSIVE MEDIA PART I NONRELATIVISTIC VELOCITIES
PLASMA WAVES AND ROTATION IN THE GAS-FED HOLLOW-CATHODE ARC
LANDAU WAVES FINAL REPORT JAN 1967
PLASMA WAVES AND ROTATION IN THE GAS-FED HOLLOW-CATHODE ARC
LANDAU WAVES
AIR-SHA WAVES FROM THE EXPLOSION OF KRAKATOA
ACOUSTIC WAVES IN THE IONOSPHERE
DISPERSIVE WAVES IN THE UPPER ATMOSPHERE
SEISMIC BODY WAVES AND SURFACE WAVES
SURFACE SPIN WAVES
HYDROMAGNETIC WAVES IN THE IONOSPHERE PROPAGATION THROUGH INHOMOGENEOUS AND CURRENT CARRYING REGIONS
EXCITATION OF WAVES IN HOT-PLASMA WAVEGUIDES WITH INFINITE MAGNETOSTATIC FIELDS
PROPAGATION OF WAVES IN SPECIAL MEDIA AND GEOMETRIES FINAL REPORT NOV 1967
TURBULENT SHOCK WAVES IN PLASMA
IONIZING DETONATION WAVES IN TRANSVERSE ELECTROMAGNETIC FIELDS
NONLINEAR MIXING OF WAVES IN A PLASMA WITH VELOCITY-DEPENDENT COLLISIONS
THE KRAKATOA AIR-SHA WAVES AN EXAMPLE OF PULSE PROPAGATION IN COUPLED SYSTEMS
THE TRAVEL TIMES OF P WAVES TO 30 DEGREES IN THE CENTRAL UNITED STATES AND UPPER MANTLE STRUCTURE FINAL REPORT JULY
EXCITATION OF SURFACE WAVES BY EVENTS IN SOUTHERN ALGERIA
LASER-DRIVEN DETONATION WAVES IN GASES
THE ENHANCEMENT OF SHOCK WAVES BY CHEMICAL REACTIONS
ELECTROSTATIC RELAXATION WAVES IN AN ISOTROPIC LORENTZ GAS
RELATION BETWEEN CREEPING WAVES AND LATERAL WAVES ON A CURVED INTERFACE
GENERALIZED PRANDTL-REYER WAVES IN RELAXATION HYDRODYNAMICS
RADIATION-DRIVEN ACOUSTIC WAVES IN A COMBUSTED GAS
VARIATIONS IN SPECTRA OF P WAVES RECORDED AT CANADIAN ARCTIC SEISMOGRAPH STATIONS
DETECTION OF SUBMILLIMETER WAVES BY HARMONIC MIXING
QUASI-STATIC ION CYCLOTRON WAVES
STUDIES OF MICROWAVE SHEAR WAVES IN SOLIDS
ATTENUATION OF SEISMIC BODY WAVES IN THE MANTLE
DISPERSION OF TIME-HARMONIC WAVES IN A LAMINATED PLATE
INVESTIGATION OF ULTRASONIC WAVES IN II-VI SEMICONDUCTORS
INVESTIGATION OF ULTRASONIC WAVES IN II-VI SEMICONDUCTORS
SCATTERING OF ELECTROMAGNETIC WAVES BY A SEMI-INFINITE METAL PLATE IN ANISOTROPIC PLASMA
INVESTIGATION OF STRONG PLASMA WAVES AND THE DYNAMICS OF LASER INDUCED PLASMAS IN HIGH PRESSURE GASES
EXCITATION OF MANTLE RAYLEIGH WAVES OF PERIOD 100 SECONDS AS A FUNCTION OF MAGNITUDE
THE STRUCTURE OF MINIMAL SHOCK WAVES IN A BINARY GAS MIXTURE
SEISMIC BODY WAVES AND SURFACE WAVES
ABSORPTION PEAK FOR ULTRASONIC WAVES NEAR THE SPIN-FLOP TRANSITION OF UNIAxIAL ANTI-FERROMAGNETS
LARGE AMPLITUDE ELECTROTHERMAL WAVES IN A NONEQUILIBRIUM PLASMA
ON THE STABILITY AGAINST SHOCK WAVES OF STEADY FLOWS OF NON-LINEAR VISCOELASTIC FLUIDS
PLASMA HEATING BY STANDING SHOCK WAVES
INTERACTION BETWEEN DETONATION WAVES AND FLOWFIELDS
THE VELOCITY AND ATTENUATION OF WAVES IN A RANDOM MEDIUM
PROPAGATION OF FINITE AMPLITUDE WAVES IN SINGLE CRYSTALS OF HIGH-PURITY ALUMINIUM
EVIDENCE FOR RE-REFLECTED SHOCK WAVES FROM CONVERGENT CYLINDRICAL CHANNELS
THEORY OF THE DAMPING OF ALFVEN WAVES IN BISMUTH METAL
MAGNETOPLASTIC AND MAGNETOSTATIC WAVES IN TIME-VARYING MAGNETIC FIELDS
THE SCATTERING OF ELECTROMAGNETIC WAVES BY A FINITE WEDGE
THE EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT NOV 1966
STUDIES OF GUIDED ELECTROMAGNETIC WAVES IN THE PRESENCE OF AXIALLY NONUNIFORM OR RANDOM PERTURBATIONS
CONVECTIVE INSTABILITY OF INFILTA WAVES AND PHYSICAL ANALYSIS OF THE FORMATION OF TYPHOONS AT THE EARLY STAGE
NOTE ON THE PROPAGATION OF ELASTIC WAVES IN A INHOMOGENEOUS ROD OF FINITE LENGTH
PROPAGATION OF LONG ELECTROMAGNETIC WAVES THROUGH ROCK
EXPERIMENTAL VERIFICATION OF LANDAU WAVES IN AN ISOTROPIC ELECTRON PLASMA
AN ANALYSIS OF THE TRAVEL TIMES OF S WAVES TO NORTH DEGREES
REFLECTION AND REFRACTION OF ELASTIC WAVES AT A CORRUGATED INTERFACE
UNIFORM ASYMPTOTIC THEORY OF CREEPING WAVES
CIRCULARLY POLARIZED ULTRASONIC SHEAR WAVES IN METALS
STABILITY OF MAGNETOHYDRODYNAMIC SHOCK WAVES
PROPAGATION OF LOW AND HIGH POWER RADIO WAVES IN IONIZED
DIFFRACTION OF LIGHT BY SURFACE ACOUSTIC WAVES
AZIMUTH AND SLOWNESS ANOMALIES OF SEISMIC WAVES MEASURED ON THE CENTRAL CALIFORNIA SEISMOGRAPHIC ARRAY PART II
INITIATION OF DETONATION BY INCIDENT SHOCK WAVES IN HYDROGEN-OXYGEN-ARGON MIXTURES
INITIATION OF DETONATION BY INCIDENT SHOCK WAVES IN HYDROGEN-OXYGEN-ARGON MIXTURES
JUMPS ACROSS TRANSVERSE IONIZING AND SHOCK WAVES IN REAL HYDROGEN UNDER COMPRESSION AS A PARAMETER AN EXPLICIT
RELATION BETWEEN CREEPING WAVES AND LATERAL WAVES ON A CURVED INTERFACE
EXPERIMENTAL STUDY OF MINIMAL IONIZING SHOCK WAVES
RADIATION AND PROPAGATION OF ELECTROMAGNETIC WAVES FROM MOVING SOURCES
EXPERIMENTS ON TRANSVERSE IONIZING AND SHOCK WAVES FINAL REPORT MAY 1967
FREQUENCY CONVERSION OF SPIN AND SPIN-PLASTIC WAVES IN PULSED MAGNETIC FIELDS
FORMATION OF MOVING AND STATIONARY DETONATION WAVES IN FLOWING COMBUSTIBLE MIXTURES
SCATTERING AND PROPAGATION OF ELECTROMAGNETIC WAVES IN ROUNDED PARABOLICALLY MODULATED MEDIA
EXPERIMENTAL DATA ON SMALL-PLASTIC DEFORMATION WAVES IN ANNEALED ALUMINUM
DIFFRACTION AND AMPLIFICATION OF ELECTROMAGNETIC WAVES IN AN OSCILLATING IONIZED MEDIUM PART II
LOCAL MODES AND RESONANCE SCATTERING OF LATTICE WAVES DUE TO POINT DEFECTS OPTICAL AND THERMAL PROPERTIES OF IMPERFECT
A STUDY OF PLASMA TRANSMITTANCE DUE TO LANDAU WAVES

AFOSR67-1101
AFOSR68-1324
AFOSR68-2255
AFOSR68-2814
ARL 67-0187
ARL 68-0175
AFOSR68-0965
AFOSR67-0655
AFOSR68-1205
AFCL67-0261
AFOSR67-2483
AFOSR68-1834
AFOSR68-1535
AFOSR68-1724
ARL 67-0012
ARL 67-1302
ARL 68-1063
AFOSR67-0307
AFOSR67-1704
AFOSR67-1620
AFCL68-0374
AFOSR68-0923
AFCL67-0236
AFOSR67-0432
AFCL68-0023
AFCL67-0340
AFOSR67-1879
ARL 67-0102
AFOSR68-1433
AFOSR67-1684
AFOSR67-2149
ARL 67-0203
ARL 67-1125
ARL 68-0337
AFCL68-0003
AFOSR67-1492
AFOSR68-0070
AFOSR67-0144
AFOSR67-2002
AFOSR68-0087
AFOSR68-2637
AFOSR67-2058
AFOSR68-1367
ARL 67-1010
ARL 67-1201
AFOSR67-0291
AFOSR68-0237
AFOSR68-1451
AFOSR68-2248
AFCL68-0374
AFOSR67-1411
AFOSR68-0743
AFOSR68-2136
AFOSR68-2681
ARL 67-0276
AFCL67-0614
AFOSR67-1239
AFOSR68-0459
AFOSR68-0591
AFCL67-0281
AFCL67-0009
AFCL67-0111
AFCL67-0298
AFCL68-0292
AFOSR67-1957
AFCL67-0361
ARL 68-0348
AFCL67-0768
AFOSR67-0315
AFCL67-0531
AFOSR68-0657
AFOSR68-1611
AFCL68-0077
AFOSR68-0083
AFOSR67-0588
ARL 67-1124
ARL 68-0325
ARL 68-0076
AFCL68-0093
AFOSR67-2079
AFCL67-0118
ARL 67-0086
AFCL67-0661
AFOSR68-0452
AFOSR68-1862
AFOSR68-0847
AFCL68-0113
AFOSR68-1094
ARL 68-0138

THEORY VS EXPERIMENT FOR FINITE AMPLITUDE SHOCK WAVES
 THEORY OF THE INTERACTION OF HIGH-FREQUENCY SOUND WAVES AND ELECTRONS
 EULER-LAGRANGE RELATIONSHIP FOR RANDOM DISPERSIVE WAVES
 THE RELATIVISTIC DOPLER EQUATIONS FOR ATTENUATED WAVES AND THE DRAG EFFECT
 THEORETICAL STUDY OF THE PROPAGATION OF INFRASONIC WAVES IN THE ATMOSPHERE FINAL REPORT FEB 1967
 THE PROPAGATING WAVE FORMALISM FOR ELECTROMAGNETIC WAVES FROM MOVING SOURCES
 ELECTRON DENSITY AND IONIZATION PHENOMENA IN SHOCK WAVES FINAL REPORT OCT 1967
 A REVIEW OF DISPERSION RELATIONS FOR LOW FREQUENCY WAVES IN QUIESCENT MAGNETO PLASMAS FINAL REPORT MARCH 1967
 STABILITY OF RELATIVISTIC MAGNETOHYDRODYNAMIC SHOCK WAVES
 SOME REMARKS ON THE STABILITY OF HYDROMAGNETIC SHOCK WAVES
 EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
 EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
 EXPERIMENTAL INVESTIGATIONS OF NORMAL IONIZING SHOCK WAVES
 EXACT NEAR FIELD SCATTERING AMPLITUDE AND EVANESCENT WAVES
 CRUSTAL STRUCTURE OF THE MID-ATLANTIC RIFT BY SURFACE WAVES PART I GROUP VELOCITY
 RESEARCH DIRECTED TOWARD EXCITATION OF MAGNETOACOUSTIC WAVES AT MICROWAVE FREQUENCIES FINAL REPORT AUG 1968
 ON THE SCATTERING AND THE MODIFICATION OF SCATTERING OF WAVES FROM A LONG WIRE
 TRAVEL TIMES APPARENT VELOCITIES AND AMPLITUDES OF BODY WAVES
 BRAGG SCATTERING OF INFRARED RADIATION FROM COHERENT SPIN WAVES
 COMPARISON OF OBLIQUE NORMAL AND TRANSVERSE IONIZING SHOCK WAVES
 AN EXPERIMENTAL INVESTIGATION OF SHOCK INITIATED DETONATION WAVES IN A FLOWING COMBUSTIBLE MIXTURE: FINAL REPORT OCT
 MAGNETIC FIELD DEPENDENCE OF ULTRASONIC ATTENUATION OF SHEAR WAVES IN POTASSIUM
 SIMULTANEOUS PARALLEL PUMPING OF NUCLEAR AND ELECTRONIC SPIN WAVES
 CONDITIONS FOR THE VALIDITY OF THE ANGULAR SPECTRUM OF PLANE WAVES
 RELATIVISTIC FORMULATION OF THE METHOD OF ORTHOGONALIZED PLANE WAVES
 OBSERVATIONS OF STRATOSPHERIC CLEAR-AIR TURBULENCE AND MOUNTAIN WAVES OVER THE SIERRA NEVADA MOUNTAINS FINAL REPORT
 MAGNETOELASTIC PARALLEL-PUMP INSTABILITIES FOR GENERALLY DIRECTED WAVES
 EXPERIMENTAL INVESTIGATION OF INTERACTIONS BETWEEN BLUNT PIN SHOCK WAVES AND ADJACENT BOUNDARY LAYERS AT MACH NUMBERS
 EFFECT OF TEMPERATURE GRADIENTS ON THE PROPAGATION OF ELASTOPLASTIC WAVES
 AN EXPERIMENTAL METHOD FOR THE STUDY OF INTERACTIONS BETWEEN DETONATION WAVES AND MAGNETIC FIELDS
 RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC
 ON THE THEORY OF EXCITONS IN LIQUIDS II A CLASSICAL MODEL OF POLARIZATION WAVES IN A SIMPLE LIQUID
 DOPPLER CONVERSION AND ADIABATIC TIME DOMAIN CONVERSION OF ACOUSTIC AND SPIN WAVES
 IMPLICATION DRIVEN HYPERVELOCITY LAUNCHER PERFORMANCE USING GASEOUS DETONATION WAVES
 DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY
 DISSIPATION IN THE EARTH'S MANTLE AND RIGIDITY AND VISCOSITY IN THE EARTH'S CORE DETERMINED FROM WAVES MULTIPLY
 THEORY OF EXCITONS IN LIQUIDS IV A SIMPLIFIED TREATMENT OF THE SHIFT AND DAMPING OF POLARIZATION WAVES
 TRANSIENT CURRENTS ON A PERFECTLY-CONDUCTING CYLINDER ILLUMINATED BY UNIT-STEP AND IMPULSIVE PLANE WAVES
 PROPAGATION OF DISTURBANCES IN A GUTENBERG-BULLEN A SPHERICAL EARTH MODEL TRAVEL TIMES AND AMPLITUDES OF 3 WAVES
 STUDY OF ATMOSPHERIC CONSTITUENTS AND STRUCTURE BY MEASUREMENT OF TRANSMISSION AND ABSORPTION OF MILLIMETER WAVES OF

NAVY-WALLFO
 SUPERSONIC WIND-TUNNEL TESTS OF WAVY-WALLED CYLINDERS

WEAK
 WEAK HYDRAULIC JUMPS IN SHALLOW WATER
 WEAK MAGNETIC FIELD MEASUREMENT USING PERMALLOY-FILM WIRE RESONANCE
 WEAK SOLUTIONS OF CONSERVATION LAWS IN GENERAL RELATIVITY
 INFLUENCE OF WEAK SOLVENT-SOLUTE INTERACTIONS ON RADIATIONLESS TRANSITION PROBABILITIES
 LC-TIME BEHAVIOR OF WEAK SUPERCONDUCTING LOOPS
 LUNAR OCCULTATION STUDIES OF SIX WEAK RADIO SOURCES
 LUNAR OCCULTATION STUDIES OF FIVE WEAK RADIO SOURCES OF SMALL ANGULAR SIZE
 THE ONE PION EXCHANGE CONTRIBUTION TO THE WEAK PARITY VIOLATING NUCLEON-NUCLEON POTENTIAL
 THE EFFECT OF STRONG CORRELATIONS ON BARYON-BARYON WEAK INTERACTIONS
 MODIFIED BORN APPROXIMATION AND ELASTIC SCATTERING BY WEAK CENTRAL POTENTIALS
 TWO-PION DECAYS OF KAONS IN A NOVEL APPROACH TO NONLEPTONIC WEAK PROCESSES

WEAKLY
 FERMION IMPURITIES IN A WEAKLY INTERACTING BOSE GAS
 SOME NONLOCAL RESULTS FOR WEAKLY NONLINEAR DYNAMICAL SYSTEMS
 KINETIC THEORY AND RELAXATION PROCESSES OF WEAKLY IONIZED GASES

WEAKNESS
 THE WEAKNESS OF HELIUM LINES IN GLOBULAR CLUSTER AND HALO B STARS

WEAR
 FRICTION AND WEAR OF NONMETALLIC SOLIDS FINAL REPORT MAY 1967

WEATHER
 WEATHER RADAR STUDIES FINAL REPORT JULY 1968
 RESEARCH ON OBJECTIVE WEATHER FORECASTING ON THE COMPUTATION OF INITIAL WIND FIELDS FOR THE INTEGRATION OF THE
 DIAGNOSTIC STUDIES OF WEATHER SYSTEMS OF LOW AND HIGH LATITUDES /ROSSBY NUMBER 1/ FINAL REPORT APRIL 1967
 USE OF THE AN/PPS-17 FOR QUANTITATIVE WEATHER RADAR MEASUREMENTS
 RESEARCH IN NUMERICAL DYNAMICAL AND OPERATIONAL WEATHER FORECAST PROCEDURES FINAL REPORT APR 1969
 A STOCHASTIC MODEL OF THE FREQUENCY AND DURATION OF WEATHER EVENTS
 STUDIES IN THE DYNAMICAL PREDICTION AND INTERPRETATION OF WEATHER SYSTEMS FINAL REPORT OCT 1968
 A PRELIMINARY MICROWAVE ATTENUATION CLIMATOLOGY FOR THE MONTREAL AREA BASED ON WEATHER RADAR DATA
 PROCEEDINGS OF THE FIFTH BERELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY VOLUME V WEATHER MODIFICATION
 DESIGN OF A DIGITAL SIMULATION OF THE POLAR PLANIMETER FOR CALCULATING AREAS OF ECHOES FROM RADAR WEATHER OBSERVATIONS

WEB-DENDRITE
 WEB-DENDRITE GROWTH OF SINGLE CRYSTALS OF TIN

WEB-STIFFENING
 ANALYSIS OF SHORT WEB-STIFFENED SANDWICH SHELL WITH CLOSED ENDS UNDER EXTERNAL PRESSURE

WEDDERBURNS
 A GENERALIZATION OF WEDDERBURNS THEOREM

WEDGE
 IRREGULAR REFRACTION OF A STRONG SHOCK WAVE BY A WEDGE OF HOT GAS
 THE SCATTERING OF ELECTROMAGNETIC WAVES BY A FINITE WEDGE
 MULTI-MODE SURFACE WAVE DIFFRACTION BY A RIGHT-ANGLED WEDGE
 AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF MASS TRANSFER ON A WEDGE INDUCED LAMINAR SEPARATED BOUNDARY LAYER AT
 NUMERICAL CALCULATION OF THE LOW REYNOLDS NUMBER FLOW OVER A BLUNT WEDGE WITH REARWARD PACING STEP FINAL REPORT JULY
 A NONLINEAR INTEGRAL-DIFFERENTIAL EQUATION ASSOCIATED WITH A CLASS OF WEDGE PROBLEMS

WEDGE-FLAT

THE FLOW FIELD IN THE TURBULENT SUPersonic NEAR WAKE BEHIND A TWO-DIMENSIONAL WEDGE-FLAT PLATE MODEL.

AD 67-0005

WEDGES

ON OPTIMUM WEDGES AND BEMICONES IN HYPERSONIC VISCOUS FLOW
BOUNDARY VALUE PROBLEMS FOR WEDGES AND CONES UNDER HEAT CONDUCTION
STRESS BOUNDARY VALUE PROBLEMS FOR INFINITE WEDGES
SURFACE MEASUREMENTS ON SHARP FLAT PLATES AND WEDGES IN LOW-DENSITY HYPERSONIC FLOW
A LIMITING CONDITION FOR SUPersonic INVISCID INTERACTION IN THE EDWARDS OF INTERSECTING WEDGES FINAL REPORT MAY 1968

AFOSR67-2048
AFOSR68-1502
AFOSR68-0706
AFOSR68-0865
AD 68-0949

WEIBULL

PERCENTAGE POINTS OF WEIBULL TEST STATISTICS
A NEW METHOD OF ESTIMATING THE WEIBULL SHAPE PARAMETER
CUMULATIVE SUM CONTROL CHARTS AND THE WEIBULL DISTRIBUTION
POINT AND INTERVAL ESTIMATION PROCEDURES FOR THE TWO-PARAMETER WEIBULL AND EXTREME-VALUE DISTRIBUTIONS
FURTHER RESULTS ON ESTIMATION OF THE PARAMETERS OF THE PEARSON TYPE III AND WEIBULL DISTRIBUTIONS IN THE NON-NORMAL CASE
RESULTS ON STATISTICAL ESTIMATION AND HYPOTHESIS TESTING WITH APPLICATION TO THE WEIBULL AND EXTREME-VALUE THEORY AND TABLES FOR TESTS OF HYPOTHESES CONCERNING THE MEAN AND THE VARIANCE OF A WEIBULL POPULATION FINAL REPORT

AD 67-1347
AD 68-0076
AFOSR67-0007
AD 68-0704
AD 68-0707
AD 68-0908
AD 67-0909

WEIGHT

CHANGES IN BODY WEIGHT AND INTAKE OF FOOD BY OCTOPUS VULGARIS
SYSTEM FOR MEASURING MICROGRAM WEIGHT CHANGES UNDER CONTROLLED OXYGEN PARTIAL PRESSURE TO INVESTIGATE
BIOLOGICAL SIGNIFICANCE OF HIGH MOLECULAR WEIGHT POLYMERIZATION FINAL REPORT MAY 1967
GAS CHROMATOGRAPHIC SEPARATION OF LOW MOLECULAR WEIGHT FLUOROCARBONS
FORMATION AND ISOLATION OF RABBIT ANTIBODIES TO A SYNTHETIC ANTIGEN OF LOW MOLECULAR WEIGHT

AFOSR68-2101
AD 68-0008
AFOSR67-1009
AFOSR68-1100
AFOSR67-2404

WEIGHTED

THE METHOD OF WEIGHTED RESIDUALS-A REVIEW
CONVERGENCE RATES FOR WEIGHTED SUMS OF RANDOM VARIABLES FINAL REPORT APRIL 1968
SOME DECISION PROBLEMS ASSOCIATED WITH WEIGHTED DIRECTED GRAPHS
SOME RESULTS GIVING RATES OF CONVERGENCE IN THE LAW OF LARGE NUMBERS FOR WEIGHTED SUMS OF INDEPENDENT RANDOM VARIABLES

AFOSR67-0344
AFOSR68-1077
AFOSR68-0812
AFOSR67-0947

WEIGHTS

LOCAL WEIGHTS WHICH DETERMINE AREA AND THE ISING MODEL
SENSORY CONTRAST EFFECTS IN THE JUDGMENT OF LIGHT WEIGHTS
ON AN ADAPTIVE TLU UTILIZING FERROMAGNETIC THIN-FILM WEIGHTS
AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS
AN ADAPTIVE THRESHOLD LOGIC GATE USING CAPACITIVE ANALOG WEIGHTS
AN APPROXIMATION TECHNIQUE TO DETERMINE INVERSE FILTERS WITH A MINIMUM NUMBER OF WEIGHTS

AFOSR67-2500
AFOSR67-0608
AFOSR67-0013
AFOSR67-1501
AFOSR68-1171
AFOSR67-1067

WEINFRG

WEINFRG SUM RULES AND SCALAR RESONANCE

AFOSR67-1611

WEISSBERG

MEASUREMENT OF PARALLEL /SOLLE/ SLITS WITH A MODIFIED WEISSBERG MONOMETER

AFOSR67-1745

WELL

RESEARCHES IN THE FIELD OF SOLAR RADIO NOISE AS WELL AS OPTICAL SUNSPOT PHENOMENA FINAL REPORT APR 1967
CORRELATION BETWEEN LIGHT-AND DARK TONIC ACTIVITY IN THE CIRCULAR VISUAL PATHWAYS IN THE ABSENCE AS WELL AS IN THE

AFOSR67-0009
AFOSR68-2787

WELL-FORMED

A COMPUTER PROGRAM FOR DISCOVERING AND PROVING SEQUENTIAL RECOGNITION RULES FOR WELL-FORMED FORMULAS DERIVED BY A

AFOSR67-0754

WELLS

STABILIZATION OF OSCILLATION MODES BY MAGNETIC WELLS

AFOSR67-2076

WEST

SOLAR DAILY VARIATION RECORDED AT A LOW LATITUDE STATION BY EAST AND WEST POINTING TELESCOPES DURING PERIODS OF

AFOSR67-0744

WESTERN

A GENERAL STUDY OF THE CHANNELS OF COMMUNICATION BETWEEN COMMUNIST CHINA AND THE WESTERN WORLD

AFOSR67-0096

WFFL

CONFORMAL GEOMETRY AND THE INTERPRETATION OF THE WFFL TENSOR

AFOSR67-0370

WHAT

WHAT MUST A SATISFACTORY THEORY OF HYPNOSIS EXPLAIN
WHAT PUPILS AND TEACHERS SHOULD KNOW ABOUT GUESSING

AFOSR67-1067
AFOSR68-2157

WHETHER

ONE CAN HEAR WHETHER A DRUM HAS FINITE AREA

AFOSR67-1067

WHISKER

TWO WHISKER STRAINING DEVICES SUITABLE FOR LOW TEMPERATURES

AFOSR68-0011

WHISKERS

SUPERCONDUCTING TRANSITION TEMPERATURE AND RESISTIVITY OF TIN WHISKERS AS A FUNCTION OF UNIAxIAL TENSION
FERROMAGNETIC DOMAIN STUDIES IN HIGHLY PERFECT METAL PLATELTS AND WHISKERS FINAL REPORT MAY 1967

AFOSR67-0315
AFOSR68-0107

WHISTLER

UNDUCTED WHISTLER EVIDENCE FOR A SECONDARY PEAK IN THE ELECTRON ENERGY SPECTRUM OF THE KEY
TEMPERATURE EFFECTS ON WHISTLER RESONANCE
A STUDY OF THE MECHANISMS OF WHISTLER PROPAGATION AND VLF EMISSION GENERATION FINAL REPORT JAN 1968

AFOSR68-2017
AFOSR68-0015
AFOSR68-0219

WHITE

THE AIR-DELIVERED WHITE LIGHTNING MUNITION FINAL REPORT MAY 1967
THE FIFTEEN REDSHIFT IN WHITE DWARFS
RAPIDLY ROTATING STARS II MASSIVE WHITE DWARFS

AFOSR67-0011
AFOSR67-0017
AFOSR68-1017

WHITHEAD
NOTE ON THE REALIZATION OF WHITEHEAD PRODUCTS AFOSR67-1518

WIDF
WIDF BAND /VISUAL SPECTRA/ PHOTOELECTRIC PHOTOMETRY OF PAGEOS DURING ITS FIRST FIFTEEN MONTHS IN ORBIT ARL 66-1140
A CONSTANT BANDWIDTH WIDE RANGE TRANSISTORIZED LOGARITHMIC AMPLIFIER AFCL67-0186
RELATIVISTIC POSITRON-ELECTRON DRIFTS STRAHLUNG AT WIDF ANGLES A NUMERICAL CALCULATION AFOSR67-1647
RECOMBINATION OF BR ATOMS BY FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE AFOSR66-0790
KINETICS OF ATOMIC ASSOCIATION REACTIONS USING FLASH PHOTOLYSIS OVER A WIDE TEMPERATURE RANGE FINAL REPORT NOV 1966 AFOSR66-2756

WIDESPREAD
WIDESPREAD OPTICAL/IR EFFECTS FROM HIGH ALTITUDE DETONATIONS /U/ FINAL REPORT AUG 1967 AFCL67-0542

WIDTH
TEMPERATURE DEPENDENCE OF THE WIDTH OF THE FUNDAMENTAL LATTICE-VIBRATION ABSORPTION PEAK IN IRONIC CRYSTALS II AFOSR66-0921
DIRECT MEASUREMENT OF THE DEPLETION LAYER WIDTH VARIATION VS APPLIED BIAS FOR A P-N JUNCTION AFOSR67-0344

WIDTHS
TEMPERATURES LORENTZIAN WIDTHS AND DRIFT VELOCITIES IN THE ARGON-ION LASER AFOSR67-0323
DIRECT OBSERVATION OF MOLE-BURNING LORENTZ WIDTHS AND COLLISION BROADENING USING STIMULATED EMISSION TECHNIQUES AFOSR67-2663
RESONANCE DECAYS FROM O/3 17-DYNAMICS A REGULARITY IN THE PARTIAL DECAY WIDTHS AFOSR67-1366

WIENER
ON THE COEFFICIENTS OF A WIENER CANONICAL EXPANSION FOR THE LIKELIHOOD FUNCTION OF A CONTINUOUS MARTINGALE AFOSR67-1855
ON MEASURES EQUIVALENT TO WIENER MEASURE AFOSR67-1046
ON GAUSSIAN MEASURES EQUIVALENT TO WIENER MEASURE II AFOSR67-1194

WIENER-HERMITE
DYNAMICAL PROPERTIES OF TRUNCATED WIENER-HERMITE EXPANSIONS AFOSR66-0829

WIGNER
NOTE ON SU-3 WIGNER COEFFICIENTS AFOSR66-1216
A GENERAL STUDY OF THE WIGNER COEFFICIENTS OF SU(1,1) AFOSR66-2560
CONTINUED FRACTIONS AND UPPER AND LOWER BOUNDS IN THE BRILLOUIN WIGNER PERTURBATION SCHEME AFOSR67-1817

WILCOXON
WILCOXON CONFIDENCE INTERVALS FOR LOCATION PARAMETERS IN THE DISCRETE CASE AFOSR67-1400

WILD
CONCERNING A WILD THREE-CELL DESCRIBED BY RING AFOSR66-2648

WILL
WILL PRESSURE DESTROY SUPERCONDUCTIVITY AFOSR67-2409
DEVELOPMENT OF INSTRUMENTATION WHICH WILL ALLOW MEASUREMENT OF THE INFRARED REFRACTIVE INDEX OF OZONE FINAL REPORT APR AFCL66-0207

WIND
WIND AND TEMPERATURE PROFILES FROM PROJECT WIND. ACRES AFCL67-0339
WIND MEASUREMENT BY DUAL-BEAM RADAR A THEORETIC AND EXPERIMENTAL EVALUATION AFCL67-0535
WIND TUNNEL TESTS OF NATURAL SHAPE BALLOON MODEL AFCL66-0123
WIND TUNNEL TESTS OF SIMULATED SPHERICAL HAILSTONES WITH VARIABLE ROUGHNESS AFOSR67-1910
PLASMA WIND TUNNEL STUDIES OF COLLISION FREE FLOWS AND SHOCKS AFOSR67-1160
A TUFF WIND TUNNEL FOR HIGH REYNOLDS NUMBER SUPERSONIC TESTING ARL 66-0031
DIURNAL WIND VARIATIONS IN THE STRATOSPHERE FINAL REPORT MAR 1968 AFCL66-0373
HYPERSONIC WIND TUNNEL PRESSURE MEASUREMENTS ARL 67-1215
STUDY OF SOLAR WIND INTERACTIONS FINAL REPORT MAR 1967 AFCL67-0267
PAST VERSUS PRESENT WIND ACTION IN THE MOJAVE DESERT REGION CALIFORNIA AFCL67-0683
CONDENSATION IN HYPERSONIC WIND TUNNELS ARL 67-1062
CONDENSATION IN HYPERSONIC WIND TUNNELS ARL 67-1336
SHOCK WAVE STUDIES USING A PLASMA WIND TUNNEL AFOSR66-0147
UPPER ATMOSPHERE O-ATOM DENSITIES BY WIND TUNNEL SIMULATION OF NITRIC OXIDE RELEASES AFCL67-0053
THE BALLUTE A RETARDATION DEVICE AND WIND SENSOR AFCL67-0659
AN INTEGRATED WIND RADAR SYSTEM FOR WIND AND DENSITY MEASUREMENTS IN THE UPPER ATMOSPHERE FINAL REPORT MAY 1967 AFCL67-0347
ADAPTATION BETWEEN THE PRESSURE AND THE WIND FIELD IN MESO-AND SMALL-SCALE MOTIONS AFCL66-0275
LOW PRESSURE MEASUREMENTS IN HYPERSONIC WIND TUNNELS ARL 67-1198
LOW HEAT FLUX MEASUREMENTS IN HYPERSONIC WIND TUNNELS ARL 67-1197
NO-O CHEMILUMINESCENCE STUDIES FLIGHT AND WIND TUNNEL EXPERIMENTS FINAL REPORT JAN 1967 AFCL67-0193
LOW PRESSURE MEASUREMENTS IN A HYPERSONIC WIND TUNNEL ARL 66-0005
IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS ARL 66-0163
CONDENSATION OF AIR AND NITROGEN IN HYPERSONIC WIND TUNNELS ARL 66-0077
A STUDY OF MESOSCALE FEATURES OF SUMMERTIME MINIMUM WIND FIELDS IN THE LOWER STRATOSPHERE AFCL67-0601
INTERACTION OF THE EARTH'S MAGNETIC FIELD WITH THE SOLAR WIND FINAL REPORT DEC 1967 AFCL66-0047
RARE EARTH IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS ARL 66-1177
RARE EARTH STABILIZED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS ARL 66-0158
A HYBRID DATA ACQUISITION AND CONTROL SYSTEM FOR A HYPERSONIC WIND TUNNEL COMPLEX ARL 66-1385
THE ELECTRIC FIELD IN THE SOLAR CORONAL EXOSPHERE AND THE SOLAR WIND AFCL66-0506
RESEARCH ON OBJECTIVE WEATHER FORECASTING ON THE COMPUTATION OF INITIAL WIND FIELDS FOR THE INTEGRATION OF THE AFCL67-0093
EVALUATION OF THE WACE KP109 PRESSURE TRANSDUCER FOR USE IN A HYPERSONIC WIND TUNNEL ARL 66-1332
ESTIMATES OF SPECTRAL ENERGY DENSITY APPLIED TO VERTICAL PROFILES OF THE HORIZONTAL WIND IN THE LOWER IONOSPHERE AFCL67-0094
MATHEMATICAL/STATISTICAL TECHNIQUE TO ESTIMATE MAXIMUM AEROSPACE VEHICLE RESPONSE TO WIND FINAL REPORT MAY 1967 AFCL67-0394

WIND-TUNNEL
WIND-TUNNEL MEASUREMENT AT M EQUALS 4.78 OF SOME STATIC AND DYNAMIC AERO-DYNAMIC CHARACTERISTICS OF PINNED MISSILES ARL 66-0286
SUPERSONIC WIND-TUNNEL TESTS OF WAVY-WALLED CYLINDERS ARL 67-0251

WIND-TUNNEL-MODEL
MAGNETIC WIND-TUNNEL-MODEL SUSPENSION AND BALANCE SYSTEMS ARL 67-1212

WINDOWS
THE GROWTH AND ETCHING OF SILICON THROUGH WINDOWS IN SILICON OXIDE AFOSR67-2086

WINDS
FLUCTUATING WINDS AND THE OCEAN CIRCULATION AFOSR67-2118

| | | |
|--|-------------|--------------|
| WINDS | - CONTINUED | |
| PROCEEDINGS OF THE WORKSHOP ON METHODS OF OBTAINING WINDS AND DENSITIES FROM RADAR METEOR TRAIL RETURNS | | AFCL68-0228 |
| WINDY | | |
| WIND AND TEMPERATURE PROFILES FROM PROJECT WINDY ACRES | | AFCL 7-0339 |
| WING | | |
| INVESTIGATION OF THE LEeward SIDE OF A DELTA WING AT HYPERSONIC SPEEDS | | ARL 68-1106 |
| EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF THE EXPANSION FLOW FIELD OVER A DELTA WING AT HYPERSONIC SPEEDS FINAL | | ARL 68-0027 |
| RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC | | AFOSR68-1036 |
| RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE | | AFOSR68-1037 |
| RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I THE AND EXPERIMENTAL STUDY OF A 70 DEGREE BLUNT DELTA WING FOR | | AFOSR68-1038 |
| WINGS | | |
| HYPERSONIC FLOW OF BLUNT DELTA WINGS AT LOW ANGLES OF ATTACK I SHOCK WAVE SHAPE AND SURFACE PRESSURE DISTRIBUTION | | AFOSR67-0005 |
| BOUNDARY LAYER INSTABILITY ON SWEEP WINGS /GERMAN/ | | AFOSR67-2606 |
| SUPERSONIC OSCILLATORY OR STEADY AIRLOADS ON WINGS WITH CONTROL SURFACES AND OTHER DISCONTINUITIES | | AFOSR68-0419 |
| RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART I THE AND EXPERIMENTAL STUDY OF A 70 DEGREE BLUNT DELTA WING FOR | | AFOSR68-1035 |
| RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART II GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE SUPERSONIC | | AFOSR68-1036 |
| RESEARCH ON HYPERSONIC FLOW OF BLUNT DELTA WINGS PART III GAP EFFECTS OF A BLUNT SLAB DELTA WING AT MODERATE | | AFOSR68-1037 |
| ON THE CALCULATION OF UNSTEADY NONLINEAR THREE-DIMENSIONAL SUPERSONIC FLOW PART WINGS FINAL REPORT JAN 1968 | | AFOSR68-0517 |
| WINTER | | |
| RADAR SPECTROGRAPHIC ESTIMATES OF IONIC COMPOSITION FROM 225 TO 1400 KILOMETERS FOR SOLAR MINIMUM WINTER AND SUMMER | | AFOSR67-0804 |
| WIRE | | |
| ADVANCES IN HOT WIRE ANEMOMETRY PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON HOT WIRE ANEMOMETRY FINAL REPORT JULY | | AFOSR68-1492 |
| CURRENT DISTRIBUTION FOR WIRE EXPLODED IN VACUUM | | AFCL68-0328 |
| DIRECT EVIDENCE OF PERSISTENT CURRENT LOOPS IN HARD SUPERCONDUCTING WIRE | | AFOSR67-0693 |
| ON THE SCATTERING AND THE MODIFICATION OF SCATTERING OF WAVES FROM A LONG WIRE | | AFCL68-0280 |
| ADVANCES IN HOT WIRE ANEMOMETRY PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON HOT WIRE ANEMOMETRY FINAL REPORT JULY | | AFOSR68-1492 |
| WIRES | | |
| PREPARATION AND INVESTIGATION OF HIGH-STRENGTH WIRES | | AFM 67-0035 |
| STUDY OF HIGH ENERGY HIGH DENSITY DISCHARGES AND HIGH TEMPERATURE MEASUREMENTS AS APPLIED TO EXPLODING WIRES FINAL | | AFCL67-0276 |
| WIRTLINGERS | | |
| VARIATIONS OF WIRTLINGERS INEQUALITY | | AFOSR68-0182 |
| WITHIN | | |
| ELECTRONS WITHIN THE NEUTRAL SHEET OF THE MAGNETOSPHERIC TAIL | | AFOSR68-0654 |
| THE VELOCITY DISTRIBUTION FUNCTION WITHIN A SHOCK WAVE | | AFOSR68-0860 |
| NON-EQUILIBRIUM FLOW FIELD EQUATIONS TO WITHIN FIRST ORDER TERMS IN THE AFFINITIES FINAL REPORT JULY 1968 | | AFOSR68-1929 |
| DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE BODY | | AFOSR68-0810 |
| DISTRIBUTION OF BIOLOGICALLY ACTIVE COMPOUNDS WITHIN THE BODY | | AFOSR68-0999 |
| MECHANISMS OF INNATE PATTERN LEARNING MEMORY AND READ-OUT WITHIN SINGLE NEURONS FINAL REPORT DEC 1967 | | AFOSR67-2833 |
| STUDY OF SEISMICITY MECHANISMS OF FAULTING AND CRUSTAL STRUCTURE WITHIN THE BASIN AND RANGE AND ADJOINING PROVINCES | | AFOSR67-0529 |
| ENHANCEMENT OF DIFFUSION-LIMITED VAPORIZATION RATES BY CONDENSATION WITHIN THE THERMAL BOUNDARY LAYER I THE CRITICAL | | AFOSR68-1202 |
| THERMAL OPTICAL SISMOGRAMS OF TORSIONAL DISTURBANCES EXCITED AT A FOCUS WITHIN A HETEROGENEOUS SPHERICAL EARTH - CASE OF | | AFOSR68-1429 |
| THE RACHBURG PHENOMENON FAILURES OF IMMEDIATE RECALL CORRELATED WITH REPETITION OF ELEMENTS WITHIN A STIMULUS | | AFOSR67-1829 |
| WITHOUT | | |
| MEMORY WITHOUT RECORD | | AFOSR67-0311 |
| CALCULATION OF TOROIDAL HARMONICS WITHOUT RECOURSE TO ELLIPTIC INTEGRALS | | ARL 67-1275 |
| A SIMPLE DEVICE FOR SAMPLING GASES WITHOUT AIR CONTAMINATION | | AFOSR67-2705 |
| MASKING-LEVEL DIFFERENCES WITH AND WITHOUT INTERAURAL DISPARITIES IN MASKER INTENSITY | | AFOSR68-2677 |
| SCATTERING FROM COULOMB-LIKE POTENTIALS WITHOUT DIVERGENCE OR CUTOFFS I FORMALISM GENERALIZED LIPPMANN-SCHWINGER | | AFOSR67-2031 |
| ROTATING CRYSTAL SPECTROMETERS WITH AND WITHOUT AN AUXILIARY DEVICE FOR SUPPRESSION OF UNWANTED REFLECTIONS | | AFOSR67-2697 |
| DETECTION OF AN IN-PHASE SIGNAL WITH AND WITHOUT UNCERTAINTY REGARDING THE INTERAURAL PHASE OF THE MASKING NOISE | | AFOSR67-2393 |
| SOLUTION OF THE EXCHANGE-SCATTERING PROBLEM WITHOUT INADMISSIBLE COMPLEX POLES | | AFOSR67-0971 |
| BOUNDARY LAYER CHARACTERISTICS FOR HYPERSONIC FLOW WITH AND WITHOUT MASS ADDITION, FINAL REPORT JAN 1968 | | ARL 68-0002 |
| AN EXPERIMENTAL INDIRECT TECHNIQUE FOR THE INDUCTION OF HYPNOSIS WITHOUT AWARENESS | | AFOSR67-1840 |
| A STUDY OF THE STRUCTURE OF THE TURBULENT BOUNDARY LAYER WITH AND WITHOUT LONGITUDINAL PRESSURE GRADIENTS | | AFOSR67-0005 |
| WOLF-SPIDERS | | |
| ANALYSIS OF POLARIZED LIGHT IN WOLF-SPIDERS | | AFOSR67-2536 |
| WOMEN | | |
| COLD ADAPTATION OF KOREAN WOMEN DIVERS FINAL REPORT DEC 1967 | | AFOSR68-0908 |
| WORD | | |
| WORD STATISTICS IN THE GENERATION OF SEMANTIC TOOLS FOR INFORMATION SYSTEMS | | AFOSR68-0237 |
| WORD-SELECTION | | |
| ANALYSIS AND SIMULATION OF WORD-SELECTION PROCEDURES IN ERROR-FREE COMMUNICATION SYSTEMS PART II - PRESENTATION AND | | AFCL67-0594 |
| WORK | | |
| WORK DONE 1967/68 AT INNSBRUCK UNIVERSITY ON INSTABILITIES THE VLASOV EQUATION FARADAY GENERATORS AND BOUNDARY LAYER | | AFOSR68-1323 |
| IR WORK AND OTHER II-VI FILMS OF WORK | | ARL 67-1310 |
| THE WORK COMPONENTS STUDY A SET OF MEASURES FOR WORK MOTIVATION | | AFOSR68-0025 |
| STAGE II WORK HARDENING IN CRYSTALS | | AFOSR67-1158 |
| SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS | | AFCL68-0190 |
| THEORETICAL WORK IN QUANTUM FIELD THEORY AND ELEMENTARY PARTICLES FINAL REPORT JAN 1968 | | AFOSR68-1131 |
| SOME RECENT WORK ON COHERENCE PROPERTIES OF PHOTON BEAMS | | AFOSR68-2058 |
| IR WORK AND OTHER II-VI FILMS OF WORK | | ARL 67-1310 |
| FELIX HAUSDORFF IN MEMORIAM THE MATHEMATICAL WORK OF F HAUSDORFF /GERMAN/ | | AFOSR67-0873 |
| THE WORK COMPONENTS STUDY A SET OF MEASURES FOR WORK MOTIVATION | | AFOSR68-0025 |
| SOME DISCUSSION AND EXTENSION OF HANFRED BIERWISCHS WORK ON GERMAN ADJECTIVALS | | AFCL68-0055 |
| WORKING | | |
| WORKING MEDIA FOR ELECTROFLUIDDYNAMIC GENERATORS | | ARL 68-1366 |

WORKSHOP

PROCEEDINGS OF THE WORKSHOP ON METHODS OF OBTAINING WINDS AND DENSITIES FROM RADAR METEOR TRAIL RETURNS
PROCEEDINGS AFCL YFTHREN BALLOON WORKSHOP 1967

APCL68-0228
AFCL68-0097

WORLD

AN INTRODUCTION TO THE WORLD OF FUSION
A GENERAL STUDY OF THE CHANNELS OF COMMUNICATION BETWEEN COMMUNIST CHINA AND THE WESTERN WORLD

ARL 68-1124
AFOSR67-0984

WORLD-WIDE

A WORLD-WIDE INVESTIGATION OF THE MID-LATITUDE EVENING INCREASE OF THE F SUB O F SUB 2 IN THE SOUTHERN HEMISPHERE FINAL

APCL68-0098

WORLDWIDE

REVIEW OF WORLDWIDE ATMOSPHERIC AND COMMUNICATIONS EFFECTS OF U S 1962 NUCLEAR TESTS /U/ -- VOLUME II FINAL REPORT NOV

APCL68-0103

WORTH

DECISION-THEORETIC PSYCHOMETRICS THE WORTH OF INDIVIDUALIZING INSTRUCTION

AFOSR68-2156

WRIGHT-PATTERSON

WRIGHT-PATTERSON AFR OHIO HYDROSILYLATION OF OLIFINS

ARL 67-0040

WRITECOURSE

WRITECOURSE AN EDUCATIONAL PROGRAMMING LANGUAGE

AFOSR68-1299

WRITING

WRITING PUSHDOWN ACCEPTORS

APCL68-0344

WRITTEN

A WRITTEN EXPERIMENT OF RETRIEVAL DIALOGUE

AFOSR68-1839

WURTZITE

COLUMBIC TITRATION OF WURTZITE
LATTICE DYNAMICS AND PROPERTIES OF CDS WURTZITE
CONVERGENCE STUDY OF OPW CALCULATIONS FOR WURTZITE AND ZINCBLLENDE II-VI COMPOUNDS
STRAIN-INDUCED SPLITTING OF EXCITON LINES IN WURTZITE TYPE II-VI CRYSTALS
STRAIN-INDUCED SPLITTING OF EXCITON LINES IN WURTZITE TYPE II-VI CRYSTALS
CONVERGENCE STUDY OF OPW BAND CALCULATIONS FOR WURTZITE AND ZINC-BLENDE CdTe AND ZnTe
CONVERGENCE STUDY OF OPW BAND CALCULATIONS FOR WURTZITE AND ZINC-BLENDE CdTe AND ZnTe
EFFECTS OF AXIAL STRESS ON THE EXCITON LEVELS IN WURTZITE II-VI COMPOUNDS
DIE WIRKUNG AXIALEN DRUCKES AUF EXCITON-NIVEAUS IN II-VI VERBINDUNGEN MIT WURTZITE STRUKTUR
LOW TEMPERATURE THERMAL EXPANSION OF WURTZITE-PHASES OF II-B-VI B COMPOUNDS PART I THERMAL EXPANSION OF ZNS WURTZITE

ARL 68-0051
ARL 67-1282
ARL 68-0303
ARL 68-0306
ARL 68-1484
ARL 68-0302
ARL 68-1482
ARL 68-1375
ARL 68-1381
ARL 67-0123

WURTZITE-PHASES

LOW TEMPERATURE THERMAL EXPANSION OF WURTZITE-PHASES OF II-B-VI B COMPOUNDS PART I THERMAL EXPANSION OF ZNS WURTZITE
LOW TEMPERATURE THERMAL EXPANSION OF WURTZITE-PHASES OF II-B-VI B COMPOUNDS - PART III/ THERMAL EXPANSION OF ZNS
LOW TEMPERATURE THERMAL EXPANSION OF WURTZITE-PHASES OF II-B-VI B COMPOUNDS - PART II THERMAL EXPANSION OF CdSe

ARL 67-0123
ARL 68-0183
ARL 68-0107

WURTZITE-TYPE

SPLITTING OF EXCITON LINES IN WURTZITE-TYPE II-VI CRYSTALS BY UNIAXIAL STRESS

ARL 68-0059

WURTZITE/CDS

LATTICE DYNAMICS OF WURTZITE/CDS

ARL 67-0267

WUSTITE

THE KINETICS OF WUSTITE SCALE FORMATION ON IRON-NICKEL ALLOYS
MOBILITY OF CHARGE CARRIERS IN WUSTITE
THERMOGRAVIMETRIC DETERMINATION OF THE COMPOSITION-OXYGEN PARTIAL PRESSURE DIAGRAM OF WUSTITE /FE SUB IV/

AFOSR67-2650
ARL 68-0287
ARL 68-0165

X-ATRON

X-ATRON MECHANISMS

ARL 68-1103

X-BAND

OPTIMIZATION OF AN X-BAND INTERFEROMETER FOR PLASMA DIAGNOSTICS
ROTATING SAMPLE HOLDER FOR X-BAND ULTRASONICS
HALL EFFECT IN DIELECTRIC MEDIA MICROWAVE X-BAND FARADAY ROTATION OF WATER ADSORBED ON HEMOGLOBIN

AFOSR68-1004
AFOSR68-0681
AFOSR67-2001

X-METHYL-M-TYRAMINE

EFFECT OF DESIPRAMINE AND RESERPINE ON THE IN VIVO D- HYDROXYLATION OF X-METHYL-M-TYRAMINE AND X-METHYLDOPAMINE

AFOSR67-2275

X-METHYLDOPAMINE

EFFECT OF DESIPRAMINE AND RESERPINE ON THE IN VIVO B- HYDROXYLATION OF X-METHYL-M-TYRAMINE AND X-METHYLDOPAMINE

AFOSR67-2275

X-RADIATION

DETECTION OF HARD X-RADIATION FROM VINGO

AFOSR68-1151

X-RAY

X-RAY ABSORPTION IN THE 2-10-200 A REGION
X-RAY EMISSION FROM CEN XE-2
X-RAY ABSORPTION SPECTROSCOPY AT THE COPPER K EDGE
LOW ENERGY X-RAY AND ELECTRON PHYSICS FINAL REPORT DEC 1967
A STUDY OF X-RAY FLUORESCENCE METHOD WITH VACUUM AND AIR- PATH SPECTROGRAPHS FOR THE DETERMINATION OF FILM THICKNESSES
IMPROVED SLITS FOR X-RAY POWDER DIFFRACTOMETERS
15-150 A ULTRASOFT X-RAY REGION
ON THE COHERENCY OF X-RAY AND OPTICAL PULSATIONS IN AURORAS
AN INTENSE AURORAL ZONE X-RAY EVENT IN THE 4-5 SEC PERIOD RANGE
RAY PROOF SLIT MOUNT FOR X-RAY POWDER DIFFRACTOMETERS
TECHNIQUES OF LOW ENERGY X-RAY AND ELECTRON PHYSICS 50 TO 1000 EV REGION
STRUCTURE OF LIQUIDS III AN X-RAY DIFFRACTION STUDY OF FLUID ARGON
DISPENSIVE AND NONDISPENSIVE X-RAY FLUORESCENCE METHODS FOR THE DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE AND ARL 68-1051

AFOSR67-1254
AFOSR68-0431
AFOSR68-0497
AFOSR67-2751
ARL 68-0001
AFOSR67-0450
AFOSR67-2782
AFOSR67-2531
AFOSR68-0539
AFOSR67-0169
AFOSR68-2144
AFOSR67-1181
ARL 68-1051

| | |
|---|--------------|
| ENERGY-DEPENDENT MODULATION IN AURORAL X-RAY PULSATIONS | AFOSR66-0404 |
| EAST-WEST MOVEMENTS OF PULSATING AURORAL-ZONE X-RAY EVENTS | AFOSR66-1144 |
| A STUDY OF 11-VI COMPOUNDS BY THE DIVERGENT BEAM X-RAY METHOD | ARL 66-1439 |
| DETERMINATION OF APERTURES IN THE FOCUSING PLANE OF X-RAY POWDER DIFFRACTOMETERS | AFOSR67-0168 |
| DETERMINING HIGH TEMPERATURE DEBYE CONSTANTS WITH THE AID OF X-RAY TECHNIQUES | ARL 66-1166 |
| ATOMIC READJUSTMENT TO AN INNER-SHELL VACANCY MANGANESE POTASSIUM X-RAY EMISSION SPECTRA FROM AN IRON SS POTASSIUM- | AFOSR67-1141 |
| SOME NEW RELATIONS CONNECTING MOLECULAR PROPERTIES AND ELECTRON AND X-RAY DIFFRACTION INTENSITIES | AFOSR67-1194 |
| DETERMINATION OF THE DEGREE OF IONIZATION OF GAS ATOMS AS A FUNCTION OF X-RAY ENERGY | AFOSR66-0876 |
| DETERMINATION OF STICKNESS AND COMPOSITION OF THIN FILMS BY THE METHOD OF X-RAY FLUORESCENCE | ARL 66-1450 |
| INVESTIGATION OF THE COMPRESSIBILITY OF LIP BY HIGH-PRESSURE HIGH-TEMPERATURE X-RAY DIFFRACTION METHODS FINAL REPORT | AFOSR66-0441 |
| THE EFFECT OF A VELOCITY DISPERSION OF THE PRIMARY PARTICLES ON AURORAL LIGHT AND X-RAY PULSATIONS | AFOSR66-1758 |
| ELECTRONIC STRUCTURE OF THE MANGANATE CHROMATE VANADATE ION FROM THE METAL POTASSIUM X-RAY SPECTRA | AFOSR67-0493 |
| CHARGE COLLECTION EFFICIENCIES FOR LITHIUM DRIFTED SILICON AND GERMANIUM DETECTORS IN THE X-RAY ENERGY REGION | AFOSR66-1676 |
| DETERMINATION OF FILM THICKNESS OF CADMIUM SULFIDE USE IN ENERGY CONVERSION WITH SOFT AND HARD X-RAY | ARL 67-1243 |
| A NEW REACTION OF THIOMYL CHLORIDE WITH A CARBOXYLIC ACID IN THE PRESENCE OF A TERTIARY AMINE AN X-RAY | AFOSR67-2857 |
| TECHNIQUE AND APPARATUS FOR DETERMINING THE RESPONSE OF SCINTILLATORS AND SEMICONDUCTORS TO LOW ENERGY X-RAY | AFOSR67-1934 |
| THE LINEARITY OF THE CHARGE CONVERSION FUNCTION FOR COOLED LITHIUM-DRIFTED SILICON DETECTORS IN RESPONSE TO X-RAY AND | AFOSR67-1948 |
| X-RAYS | |
| SIMULTANEOUS BALLOON MEASUREMENTS OF AURORAL X-RAYS DURING SLOWLY VARYING IONOSPHERIC ABSORPTION EVENTS | AFOSR66-1334 |
| X-15 | |
| PITOT MEASUREMENTS ON AN X-15 ROCKET PLANE FINAL REPORT AUG 1968 | AFOSR66-0383 |
| XANTHINE | |
| INHERITANCE OF XANTHINE DEHYDROGENASE IN DROSOPHILA MELANOGASTER | AFOSR66-2377 |
| INHERITANCE OF XANTHINE DEHYDROGENASE IN DROSOPHILA MELANOGASTER FINAL REPORT NOV 1968 | AFOSR66-2328 |
| XBAND-TO-GBAND | |
| BIAS CHARACTERISTICS OF A GAS XBAND-TO-GBAND INLINE FREQUENCY TRIPLER | AFOSR67-0020 |
| XENON | |
| XENON YIELDS IN THE FISSION OF HEAVY ELEMENTS BY MEDIUM- ENERGY PROTONS | AFOSR67-0458 |
| INFLUENCE OF XENON ON COUSP LASER PLASMAS | ARL 66-0117 |
| VISIBLE CONTINUUM IN XENON KRYPTON AND NEON | AFOSR67-2259 |
| PHOTOREMISSION FROM SOLID XENON FILMS (ABSTRACT ONLY) | AFOSR67-1387 |
| SCATTERING OF HELIUM NEON ARGON AND XENON FROM THE (111) PLANE ON NICKEL COMPARISON WITH SILVER (111) & GOLD (111) | AFOSR66-1941 |
| HEAT CAPACITY IN THE CRITICAL REGION OF XENON | AFOSR66-0391 |
| PAR-INFRARED AND MILLIMETER WAVE STUDIES OF XENON HEXAFLUORIDE | AFOSR66-1628 |
| ULTRAVIOLET ABSORPTION OF SOLID ARGON KRYPTON AND XENON | AFOSR67-1385 |
| RELATIVE QUANTUM YIELD FOR PHOTOREMISSION FROM THIN FILMS OF XENON AND KRYPTON | AFOSR66-1742 |
| NUCLEAR MAGNETIC RESONANCE LOCAL-MAGNETIC-FIELD SHIFT IN SOLID XENON | AFOSR67-0055 |
| HARD STRUCTURE DEFORMATION POTENTIALS AND EXCITON STATES IN SOLID XENON | AFOSR67-2766 |
| ANHARMONIC CONTRIBUTION TO THE GRUNEISEN PARAMETERS OF SOLID ARGON KRYPTON AND XENON | AFOSR67-1851 |
| EXCITED-STATE WAVE FUNCTIONS EXCITATION ENERGIES AND OSCILLATOR STRENGTHS FOR KRYPTON AND XENON | AFOSR67-0745 |
| YANG-MILLS | |
| YANG-MILLS FIELD | ARL 66-1095 |
| YAWFO | |
| EXPERIMENTS ON VORTEX SHEDDING FROM YAWED CIRCULAR CYLINDER | AFOSR66-1427 |
| YFAP | |
| THE ACTIVITY SEISMIC OF THE REGION OF THE PENINSULA IBERICA UP TO YEAR OF 1960 (SPANISH) | AFOSR67-0560 |
| YES-NO | |
| ROCK OBTAINED WITH TWO SIGNAL INTENSITIES PRESENTED IN RANDOM ORDER AND A COMPARISON BETWEEN YES-NO AND RATING HOGS | AFOSR66-2678 |
| YIELD | |
| TRIPLER-STATE YIELD OF FLUOROARENENE BY THE SENSITIZATION OF THE ISOMERIZATION OF CIS-BUTENE-2 | AFOSR67-1497 |
| A ONE-STEP HIGH YIELD SYNTHESIS OF MONODECAHYDRO EICOSABORANE TRIANION | AFOSR66-1726 |
| RELATIVE QUANTUM YIELD FOR PHOTOREMISSION FROM THIN FILMS OF XENON AND KRYPTON | AFOSR66-1742 |
| CALCULATED SPECIFIC YIELD FUNCTIONS FOR NEUTRON MONITORS FINAL REPORT JUNE 1968 | AFOSR66-0320 |
| COSMIC-RAY NEUTRON YIELD FUNCTIONS GROSS TRANSFORMATION AND NUCLEONIC COMPONENT MEAN FREE PATHS | AFOSR66-0710 |
| DIFFERENTIAL RESPONSE AND SPECIFIC YIELD FUNCTIONS OF COSMIC-RAY NEUTRON MONITORS | AFOSR67-0477 |
| THE INFLUENCE OF AGING ON THE LOW-TEMPERATURE YIELD POINT IN IRON | ARL 67-1251 |
| CONCERNING CELLULAR DECOMPOSITIONS OF THREE-MANIFOLDS THAT YIELD THREE-MANIFOLDS | AFOSR66-2609 |
| AN ELASTO-PLASTIC ANALYSIS OF CIRCULAR RINGS WITH TEMPERATURE DEPENDENT YIELD STRESS | AFOSR67-2936 |
| YIELDING | |
| DISCONTINUOUS YIELDING OF COMMERCIAL-PURE ALUMINUM | AFOSR67-1003 |
| DISCONTINUOUS YIELDING OF METASTABLE AUSTENITIC STAINLESS STEEL | AFOSR67-2317 |
| REPEATED DISCONTINUOUS YIELDING OF 7024 ALUMINUM ALLOY | AFOSR66-1936 |
| THE MECHANICS OF REPEATED DISCONTINUOUS YIELDING OF METALS | AFOSR67-1159 |
| POLARIZATION AND ASYMMETRY IN THE REACTION DEUTERON SCATTERING FROM HELIUM-THREE YIELDING A PROTON PLUS HELIUM-FOUR | AFOSR66-0628 |
| YIELDS | |
| XENON YIELDS IN THE FISSION OF HEAVY ELEMENTS BY MEDIUM- ENERGY PROTONS | AFOSR67-0458 |
| CONVERSION YIELDS OF SOME PHOTOGRAPHIC EMULSIONS AND RELATED FACTORS | ARL 67-0173 |
| STUDIES ON THE QUANTUM YIELDS OF THE PHOTODISSOCIATION OF CARBON MONOXIDE FROM MYOGLOBIN AND NYOGLOBIN | AFOSR67-1691 |
| SPECTRAL ANALYSIS OF PHOTOREMISSIVE YIELDS IN GASES AND RELATED CRYSTALS | ARL 66-0247 |
| BACKWARD COMPTON SCATTERING KIN PLE AND THE PI-ZERO YIELDS TWO GAMMA FTA-ZERO YIELDS TWO GAMMA DECAY RATES | AFOSR66-2779 |
| YNGVES | |
| A COMPARATIVE STUDY OF YNGVES DEPTH HYPOTHESIS FINAL REPORT MAY 1967 | AFOSR67-1542 |
| YORK | |
| SEISMICITY IN THE VICINITY OF THE RAMAPO FAULT NEW JERSEY-NEW YORK | AFOSR66-0268 |
| SUBJECTS FOR SIMULATION AND SIMULATORS OF DYNAMIC SYSTEMS SPARTAN ROCKS NEW YORK 1967 FINAL REPORT JAN 1967 | AFOSR66-1361 |
| GENERALIZED NETWORKS PROCEEDINGS OF THE SYMPOSIUM ON SYMPOSIA SERIES VOL XVI NEW YORK N.Y. APRIL 12-14 1966 POLYTECHNIC | AFOSR67-0884 |
| FUNDAMENTALS OF GAS-SURFACE INTERACTIONS SYMPO SAN DIEGO CALIF 14-16 DEC 1966 NEW YORK ACADEMIC PRESS 1967 FINAL REPORT | AFOSR67-2452 |

YOUNG
THE USE OF FREE TIME BY YOUNG PEOPLE IN SOVIET SOCIETY AFOSR67-0964

YTTERBIUM
GROWTH OF SAMARIUM EUROPIUM THULIUM AND YTTERBIUM METAL BY VAPOR DEPOSITION AFOSR67-0492
LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM INTERMETALLIC COMPOUNDS ARL 68-1188
LOW-TEMPERATURE SYNTHESIS OF EUROPIUM AND YTTERBIUM INTERMETALLIC COMPOUNDS ARL 68-1381
MIST CRYSTAL EFFECTS ON THE ELECTRON PARAMAGNETIC RESONANCE OF ERBIUM AND TRIVALENT YTTERBIUM IN II-VI COMPOUNDS AFOSR67-0797
RARE EARTH METAL SINGLE CRYSTALS II MAGNETIC PROPERTIES OF THULIUM EUROPIUM SAMARIUM AND YTTERBIUM AFOSR68-1010

YTRIA
THERMOLUMINESCENCE IN YTRIA ARL 67-1337

YTRIUM
YTRIUM ABUNDANCE IN THE SUN ARL 68-0269
MAGNETOELASTIC PROPERTIES OF YTRIUM IRON GARNET AS A FUNCTION OF TEMPERATURE AFCL67-0256
BASIC RESEARCH ON THE SEPARATION OF SCANDIUM, YTRIUM, AND THE RARE EARTHS BY SOLVENT EXTRACTION FINAL REPORT DECEMBER ARL 68-7210
NEW OXYFLUORIDE PHASES OF THE RARE-EARTH METALS AND YTRIUM AFOSR68-2143
MAGNETIC PROPERTIES OF THE INTERMETALLIC COMPOUNDS DYSPRESIUM SUB YTRIUM SUB ONE MINUS X IRON SUB TWO PLUS AFOSR68-1542

YUKAWA
ON THE ELECTROMAGNETIC STRUCTURE OF THE YUKAWA MESON II AFOSR67-2056

YVON-BORN-GREEN
CONJECTURE CONCERNING AN ASYMPTOTIC MODIFICATION OF THE YVON-BORN-GREEN EQUATION FOR FLUIDS OF RIGID SPHERES AND DISKS AFOSR68-0785

Z-MODE
RAY-TRACING OF THE Z-MODE IN A TILTED LAYER ATMOSPHERE FINAL REPORT JAN 1968 AFCL68-0099

Z-TRANSFORM
A GENERAL Z-TRANSFORM FORMULA FOR SAMPLED-DATA SYSTEMS AFOSR68-2444
ANALYSIS AND SYNTHESIS OF UNEQUALLY SPACED ARRAYS USING THE Z-TRANSFORM AFCL67-0230

ZEEHAN
ZEEHAN EFFECT IN A SPINLESS TWO-BODY SYSTEM AFOSR68-2742
ZEEHAN SPLITTING OF BOUND EXCITON EXCITED STATES IN CdS ARL 67-1287
THEORY OF A ZEEHAN LASER I AFOSR68-1105
THEORY OF A ZEEHAN LASER II AFOSR68-1106
ON LEMMA 3 OF ZEEHAN AFOSR68-0565
EDGE EMISSION AND ZEEHAN EFFECTS IN ZnS ARL 67-1291
THEORY OF MAGNETIC HYPERFINE AND ZEEHAN INTERACTIONS FOR MUNDS CASE AFOSR68-0144

ZEEHAN-DIPOLAR
NUCLEAR ZEEHAN-DIPOLAR CROSS RELAXATION TIMES AFOSR67-1041

ZEIPFL
VON ZEIPFL METHOD AND THE TWO-VARIABLE EXPANSION PROCEDURE AFOSR67-0782

ZEITGEHR
THE DURATION OF RE-ENTRAINMENT OF CIRCADIAN RHYTHMS AFTER PHASE SHIFTS OF THE ZEITGEHR AFOSR67-0499

ZENITH
CORRELATION BETWEEN OPTICAL AND RADIO EMISSION FROM EXTENSIVE AIR SHOWERS AT LARGE ZENITH ANGLES AFOSR67-1324

ZERO
ZERO PHONON LINES IN DIAMOND AND LOCALIZED MODES AFCL67-0139
ZERO SOUND IN HE SUPER 3 IN A MAGNETIC FIELD AFCL68-0169
K 1 ZERO - K 2 ZERO MASS DIFFERENCE AND THE INTERMEDIATE VECTOR BOSON AFOSR68-1331
MATRIXES WITH ZERO TRACE AFOSR67-0047
ISOTOPIC DIFFERENCES IN THE ZERO DEGREE X VOLUME AND SUBLIMATION ENERGIES OF SOLID NEON AND ARGON AFOSR67-0489
SOME REMARKS ABOUT SPINWAVES AND ZERO SOUND IN LOW TEMPERATURE LIQUID HF3 AFCL67-0323
ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY I EXPERIMENTS AFCL67-0228
ELECTRON REFLECTION COEFFICIENT AT ZERO ENERGY II COMPUTER EXPERIMENTS ON THE REFLECTION OF SLOW ELECTRONS IN THE AFCL67-0378
ON THE CLOSURE OF CHARACTERISTICS AND THE ZERO OF ENTIRE FUNCTIONS AFOSR67-1418
THE VALIDITY OF PERTURBATION SERIES WITH ZERO RADIUS OF CONVERGENCE AFOSR67-2285
SUPERCONDUCTIVITY OF LANTHANUM AND LANTHANUM COMPOUNDS AT ZERO AND HIGH PRESSURE AFOSR67-1213
AN EXPERIMENTAL STUDY OF TURBULENCE PRODUCTION NEAR A SMOOTH WALL IN A TURBULENT BOUNDARY LAYER WITH ZERO AFOSR68-0383

ZERO-COMPRESSION
MELTING POINTS AT HIGH COMPRESSIONS FROM ZERO-COMPRESSION PROPERTIES THROUGH THE KENNEDY RELATION AFOSR67-1239

ZERO-CROSSINGS
SOME RESULTS CONCERNING THE ZERO-CROSSINGS OF GAUSSIAN NOISE AFOSR67-2080

ZERO-ENERGY
EQUAL-TIME COMMUTATOR AND ZERO-ENERGY THEOREM IN THE LEC MODEL AFOSR67-2932

ZERO-NUCLEON
DETERMINATION OF TWO ZERO-NUCLEON TOTAL CROSS SECTIONS FROM COHERENT PHOTOPRODUCTION AFOSR67-0574

ZERO-POINT
ANHARMONIC CONTRIBUTIONS TO THE HELMHOLTZ FREE ENERGY OF A SIMPLE CRYSTAL MODEL HIGH-TEMPERATURE LIMIT AND ZERO-POINT AFOSR68-0053

ZERO-PRESSURE
DECAY OF A DISTURBANCE IN AN INCOMPRESSIBLE, ZERO-PRESSURE- GRADIENT FLOW ARL 67-0266

ZERO-SETS
ZERO-SETS IN POLYDINES AFOSR67-1966

ZPROS
MORE ZPROS OF BESSEL FUNCTION CROSS PRODUCTS FINAL REPORT DECEMBER 1966 ARL 68-0709
SEPARATION OF ZPROS OF THE RIEMANN ZETA-FUNCTION AFOSR67-2122
THE PROBLEM OF MULTIPARAMETER ADAPTIVE SYSTEMS HAVING SPECIFIED POLES AND ZEROS AFOSR67-0765

ZETA
STACKING FAULT ENERGIES OF THE STRUCTURALLY RELATED COPPER-GALLIUM ALPHA AND ZETA PHASES AFOSR67-1404

ZETA-FUNCTION
SEPARATION OF ZEROS OF THE RIEMANN ZETA-FUNCTION AFOSR67-2122

ZINC
REFRACTIVE INDEX OF ZINC - OXIDE SINGLE CRYSTALS ARL 67-1204
CHROMATE FLUORESCENCE FROM ZINC SULFIDE EXCITED BY TWO-PHOTON ABSORPTION AFOSR68-2116
MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND UP TO 150 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC AFOSR68-0422
KINETICS AND MECHANISM OF FORMATION OF ZINC FERRITE AFOSR68-2845
VIBRATIONAL SPECTRA AND FORCE CONSTANTS OF ZINC TETRACRYANATE ION, ZINC TETRAISOTHIOCYANATE ION ZINC AFOSR67-2797
MAGNETIC BREAKDOWN IN THE LONG OHVA PERIODS IN ZINC AFOSR67-0434
EXCITON STRUCTURE AND MAGNETO-OPTICAL EFFECTS IN ZINC SULFIDE AFOSR67-1782
STUDY OF TRAPPING PROPERTIES AND IR EXCITATION OF ZINC SULPHIDE ARL 67-1208
STUDY OF TRAPPING PROPERTIES AND IN STIMULABILITY OF ZINC SULPHIDE ARL 67-0277
EXPERIMENTS ON THE A C ELECTROLUMINESCENCE OF COPPER DOPED ZINC SULFIDE SINGLE CRYSTALS AFOSR67-0354
VIBRATIONAL SPECTRA AND FORCE CONSTANTS OF ZINC TETRACRYANATE ION ZINC TETRAISOTHIOCYANATE ION ZINC AFOSR67-2797
STUDY ON THE HYDROLYSIS OF METAL IONS PART 56. SOLVENT EXTRACTION STUDY OF THE HYDROLYSIS OF ZINC /II/ IN 3 M HClO₄ AT AFOSR67-1307
VIBRATIONAL SPECTRA AND FORCE CONSTANTS OF ZINC TETRACRYANATE ION ZINC TETRAISOTHIOCYANATE ION ZINC AFOSR67-2797
MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND UP TO 150 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC AFOSR68-0422

ZINC-BLENDE
CONVERGENCE STUDY OF DFW BAND CALCULATIONS FOR WURTZITE AND ZINC-BLENDE COTE AND ZNTE ARL 68-0302
CONVERGENCE STUDY OF DFW BAND CALCULATIONS FOR WURTZITE AND ZINC-BLENDE COTE AND ZNTE ARL 68-1482
STUDY OF EXCHANGE APPROXIMATION IN DFW BAND CALCULATIONS FOR ZINC-BLENDE II-VI COMPOUNDS ARL 68-1486

ZINC-BLENDE
CONVERGENCE STUDY OF DFW CALCULATIONS FOR WURTZITE AND ZINC-BLENDE II-VI COMPOUNDS ARL 68-0303

ZINC-BLENDE-TYPE
EFFECT OF UNIAXIAL STRESS ON THE EXCITON SPECTRUM OF ZINC-BLENDE-TYPE ZNSF AND ZNS ARL 68-1477

ZIRCONIA
LOW-TEMPERATURE ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS ARL 68-0163
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS ARL 68-1189
RARE-EARTH ZIRCONIA CERAMIC STORAGE HEATERS PROVIDING FLIGHT SIMULATION FOR AIR BREATHING PROPULSION SYSTEMS ARL 68-1387
RARE EARTH IMPROVED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS ARL 68-1177
DETERMINATION OF THE ZIRCONIA - HAFNIA PHASE DIAGRAM ARL 68-1376
RARE EARTH STABILIZED ZIRCONIA REFRACTORIES FOR HYPERSONIC WIND TUNNEL STORAGE HEATERS ARL 68-0158
THE PURIFICATION AND STRUCTURE OF ZIRCONIA SPHERES AFOSR67-1358
DETERMINATION OF OXYGEN-ZIRCONIUM RATIO IN OXYGEN DEFICIENT ZIRCONIA ARL 68-0166

ZIRCONIA-HAFNIA
ZIRCONIA-HAFNIA RESEARCH ARL 68-1151
THE SYSTEM ZIRCONIA-HAFNIA ARL 68-0046

ZIRCONIA-SCANDIA
THE ZIRCONIA-SCANDIA SYSTEM ARL 67-1338

ZIRCONIUM
ZIRCONIUM ISOTOPE RATIOS IN THE S-TYPE STAR HR 1104 AFOSR68-1156
MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND UP TO 150 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC AFOSR68-0422
VOLATILE RARE EARTH, ZIRCONIUM AND HAFNIUM CHLORIDES OF BETA-DIKETONES ARL 67-1119
VOLATILE RARE EARTH, ZIRCONIUM, AND HAFNIUM CHLORIDES OF BETA-DIKETONES ARL 68-1430
THE CRYSTAL STRUCTURE OF BASIC ZIRCONIUM SULPHATE TETRAHYDRATE AFOSR67-1309
SPECTROPHOTOMETRIC DETERMINATION OF ZIRCONIUM AFOSR67-1707
VOLUMETRIC AND SPECTRAL STUDIES ON ZIRCONIUM IN CHLORIDE MEDIA IN ACETONITRILE AFOSR68-2266
MAGNETIC MOMENT OF ZIRCONIUM ZINC INTERMETALLIC COMPOUND UP TO 150 KILOGAUSS IS PURE ZIRCONIUM ZINC INTERMETALLIC AFOSR68-0422

ZIRCONIUM-NIOBIUM
EFFECT OF PARAMAGNETISM AND SPIN-ORBIT SCATTERING ON H SUB CSUB 2 OF ZIRCONIUM-NIOBIUM ALLOYS AFOSR67-1017

ZNSE
EXCITON EMISSION INTENSITY OSCILLATIONS IN ZNSF AND COS ARL 68-0250
INTRINSIC OSCILLATIONS IN PHOTOCONDUCTIVITY OF ZNSE ARL 68-0121
OSCILLATIONS IN EXCITON EMISSION IN THE EXCITATION SPECTRA OF ZNSE AND COS ARL 68-0246
EFFECT OF UNIAXIAL STRESS ON THE EXCITON SPECTRUM OF ZINC-BLENDE-TYPE ZNSF AND ZNS ARL 68-1477
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL COS, COSF, ZNS AND ZNSE ARL 67-1082
SPIN-ORBIT SPLITTING OF THE GAMMA-POINT VALENCE BANDS OF HEXAGONAL COS, COSF, ZNS, AND ZNSE ARL 67-1086

ZONAL
SINGULAR BEHAVIOR OF ZONAL HYPERSPHERICAL HARMONIC SERIES AFOSR68-0939

ZONE
AURORAL ZONE IONOSPHERIC RESEARCH FINAL REPORT MAY 1967 AFOSR67-0816
AN INTENSE AURORAL ZONE X-RAY EVENT IN THE 4-5 SEC PERIOD RANGE AFOSR68-0539
THERMAL CURRENT MICROPULSATIONS AT THE AURORAL ZONE FINAL REPORT OCT 1967 AFOSR67-0550
THE CONCEPT OF A MAIN TEMPERATURE IN THE FLAME REACTION ZONE AFOSR68-0131
ON THE DISTRIBUTIONS OF DENSITY AND TEMPERATURE IN THE LOW VELOCITY ZONE AFOSR68-1456
OBSERVATIONS OF LARGE-SCALE CHEMICAL PLASMA ELECTRON PRECIPITATION EVENTS IN THE AURORAL ZONE ACCOMPANIED BY AFOSR67-1314
PERIODIC COVARIATION OF RADIOWAVE ABSORPTION, FAULT CURRENTS AND OTHER ASSOCIATED PHENOMENA IN THE AURORAL ZONE AFOSR67-0248

ZONE-REFINED

THE EFFECT OF HYDROGEN CHARGING ON THE PETCH RELATIONSHIP FOR ZONE-REFINED IRON

ARL 67-9182

ZONRA

INTERRELATION BETWEEN G. P. ZONES PRECIPITATION AND STRENGTHENING IN ALUMINUM-ZINC ALLOYS
SIZE AND DISTRIBUTION OF G. P. ZONES IN AL-ZN ALLOYS

ARL 69-1161
ARL 67-1189

ZOPHOAS

OPTOMOTOR REACTION LOCOMOTORY BIAS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCOPELTUS AND THE BEETLE ZOPHOAS
OPTOMOTOR REACTION LOCOMOTORY BIAS AND REACTIVE INHIBITION IN THE MILKWEED BUG ONCOPELTUS AND THE BEETLE ZOPHOAS

AFOSR67-1344
AFOSR68-1691

ZURICH--CONFORMATION

CHEMICAL SOCIETY OF ZURICH--CONFORMATIONAL ANALYSES OF MOBILE SYSTEMS--METHODS AND RESULTS /GERMAN/

AFOSR68-2427

APPENDIX A

Organization Symbols

| | |
|--------|--|
| AEDC | Arnold Engineering Development Center (AFSC) |
| AFAL | Air Force Avionics Laboratory, DOL (AFSC) |
| AFAPL | Air Force Aero-Propulsion Laboratory, DOL (AFSC) |
| AFATL | Air Force Armament Laboratory, DOL (AFSC) |
| AFCRRL | Air Force Cambridge Research Laboratories (OAR) |
| AFFDL | Air Force Flight Dynamics Laboratory, DOL (AFSC) |
| AFFTC | Air Force Flight Center (AFSC) |
| AFHRL | Air Force Human Resources Laboratory, AMD (AFSC) |
| AFMDC | Air Force Missile Development Center (AFSC) |
| AFML | Air Force Materials Laboratory, DOL (AFSC) |
| AFOSR | Air Force Office of Scientific Research (OAR) |
| AFRPL | Air Force Rocket Propulsion Laboratory, DOL (AFSC) |
| AFSC | Air Force Systems Command |
| AFSWC | Air Force Special Weapons Center (AFSC) |
| AFWL | Air Force Weapons Laboratory, DOL (AFSC) |
| AMD | Aerospace Medical Division (AFSC) |
| AMRL | Aerospace Medical Research Laboratory, AMD (AFSC) |
| APGC | Air Proving Ground Center (AFSC) |
| ARC | Chemistry Research Laboratory, ARL (OAR) |
| ARE | Energetics Research Laboratory, ARL (OAR) |
| ARF | Fluid Dynamics Facilities Research Laboratory, ARL (OAR) |
| ARH | Plasma Physics Research Laboratory, ARL (OAR) |
| ARL | Aerospace Research Laboratories (OAR) |

ORGANIZATION SYMBOLS (cont'd)

| | |
|------|--|
| ARM | Applied Mathematics Research Laboratory, ARL (OAR) |
| ARN | Thermomechanics Research Laboratory, ARL (OAR) |
| ARP | General Physics Research Laboratory, ARL (OAR) |
| ARR | Hypersonic Research Laboratory, ARL (OAR) |
| ARX | Solid State Physics Research Laboratory, ARL (OAR) |
| ARZ | Metallurgy and Ceramics Research Laboratory, ARL (OAR) |
| ASD | Aeronautical Systems Division (AFSC) |
| AVTE | Electronic Technology Division, AFAL, DOL (AFSC) |
| CRA | Aeronomy Laboratory, AFCRL (OAR) |
| CRB | Data Sciences Laboratory, AFCRL (OAR) |
| CRD | Microwave Physics Laboratory, AFCRL (OAR) |
| CRE | Aerospace Instrumentation Laboratory, AFCRL (OAR) |
| CRF | Space Physics Laboratory, AFCRL (OAR) |
| CRH | Meteorology Laboratory, AFCRL (OAR) |
| CRJ | Terrestrial Sciences Laboratory, AFCRL (OAR) |
| CRK | Sacramento Peak Observatory, AFCRL (OAR) |
| CRO | Optical Physics Laboratory, AFCRL (OAR) |
| CRP | Ionospheric Physics Laboratory, AFCRL (OAR) |
| CRW | Solid State Sciences Laboratory, AFCRL (OAR) |
| DOL | Directorate of Laboratories, Hq AFSC |
| EMC | Communications Division, RADC, DOL (AFSC) |
| EMIA | Intelligence and Applications Branch, RADC, DOL (AFSC) |
| EOAR | European Office of Aerospace Research (OAR) |
| ESD | Electronic Systems Division (AFSC) |

ORGANIZATION SYMBOLS (cont'd)

| | |
|-------|---|
| FJSRL | The Frank J. Seiler Research Laboratory (OAR) |
| FTD | Foreign Technology Division (AFSC) |
| LAOAR | Latin American Office, Det. 7 (OAR) |
| LOOAR | Los Angeles Office, Det. 6 (OAR) |
| MAM | Metals and Ceramics Division, AFML, DOL (AFSC) |
| MAN | Nonmetallic Division, AFML, DOL (AFSC) |
| MAY | Materials Physics Division, AFML, DOL (AFSC) |
| OAR | Office of Aerospace Research |
| ORA | Office of Research Analyses, Det. 8 (OAR) |
| PFOAR | Patrick Field Office, Det. 4 (OAR) |
| RADC | Rome Air Development Center, DOL (AFSC) |
| SAMSO | Space and Missile Systems Organization (AFSC) |
| SRC | Directorate of Chemical Sciences, AFOSR (OAR) |
| SRE | Directorate of Engineering Sciences, AFOSR (OAR) |
| SREE | Electronics Division |
| SREM | Mechanics Division |
| SREP | Propulsion Division |
| SRI | Directorate of Information Sciences, AFOSR (OAR) |
| SRL | Directorate of Life Sciences, AFOSR (OAR) |
| SRLA | Biological Sciences Division |
| SRLB | Behavioral Sciences Division |
| SRM | Directorate of Mathematical Sciences, AFOSR (OAR) |
| SRMA | Applied Mathematics Division |
| SRMM | Mathematics Division |

ORGANIZATION SYMBOLS (cont'd)

| | |
|--------|---|
| SRP | Directorate of Physical Sciences, AFOSR (OAR) |
| SRPG | Geophysics Division |
| SRPN | Nuclear Physics Division |
| SRPP | General Physics Division |
| SRPS | Solid State Sciences Division |
| USAFEL | USAF Epidemiological Laboratory, AMD (AFSC) |
| VFOAR | Vandenberg Field Office, Det. 9 (OAR) |

APPENDIX B

Air Force Research And Development Organizations

Office of Aerospace Research (OAR)

Headquarters, OAR
1400 Wilson Boulevard
Arlington, Virginia 22209

Aerospace Research Laboratories (ARL)
Wright-Patterson AFB
Ohio 45433

Air Force Cambridge Research Laboratories (AFCRL)
L. G. Hanscom Field
Bedford, Massachusetts 01730

Air Force Office of Scientific Research (AFOSR)
1400 Wilson Boulevard
Arlington, Virginia 22209

European Office of Aerospace Research (EOAR)
47 Cantersteen
Brussels, Belgium (APO New York 09667)

The Frank J. Seiler Research Laboratory (FJSRL)
USAF Academy
Colorado 80840

Detachment 4 (PFOAR) OAR
P. O. Box 4276, Patrick AFB
Florida 32925

Detachment 6 (LOOAR) OAR
AF Unit Post Office
Los Angeles, California 90045

Detachment 7 (LAOAR) OAR
U. S. Embassy, Rio de Janeiro, Brazil
APO New York 09676

Detachment 8 (ORA) OAR
Holloman AFB
New Mexico 88330

Detachment 9 (VFOAR) OAR
Vandenberg AFB
California 93437

Air Force Systems Command (AFSC)

Headquarters, AFSC
Andrews AFB
Washington, D.C. 20331

AFSC Laboratories

Directorate of Laboratories (DOL), Hq AFSC
Andrews AFB
Washington, D.C. 20331

Air Force Aero-Propulsion Laboratory (AFAPL)
Wright-Patterson AFB
Ohio 45433

Air Force Armament Laboratory (AFATL)
Eglin AFB
Florida 32542

Air Force Avionics Laboratory (AFAL)
Wright-Patterson AFB
Ohio 45433

Air Force Flight Dynamics Laboratory (AFFDL)
Wright-Patterson AFB
Ohio 45433

Air Force Materials Laboratory (AFML)
Wright-Patterson AFB
Ohio 45433

Air Force Rocket Propulsion Laboratory (AFRPL)
Edwards AFB
California 93523

Air Force Weapons Laboratory (AFWL)
Kirtland AFB
New Mexico 87117

Rome Air Development Center (RADC)
Griffiss AFB
New York 13442

AFSC Divisions

Aeronautical Systems Division (ASD)
Wright-Patterson AFB
Ohio 45433

Aerospace Medical Division (AMD)
Brooks AFB
Texas 78235

6570th Aerospace Medical Research Laboratory (AMRL)
Wright-Patterson AFB
Ohio 45433

6571st Aerospace Medical Research Laboratory (AMRL)
Holloman AFB
New Mexico 88330

Air Force Human Resources Laboratory (AFHRL-1)
Brooks AFB
Texas 78235

Air Force Human Resources Laboratory (AFHRL-2)
Wright-Patterson AFB
Ohio 45433

USAF Epidemiological Laboratory (USAFEL)
Lackland AFB
Texas 78236

Electronic Systems Division (ESD)
L. G. Hanscom Field
Bedford, Massachusetts 01730

Foreign Technology Division (FTD)
Wright-Patterson AFB
Ohio 45433

Space and Missile Systems Organization (SAMSO)
AF Unit Post Office
Los Angeles, California 90045

AFSC Centers

Air Force Flight Test Center (AFFTC)
Edwards AFB
California 93523

Air Force Missile Development Center (AFMDC)
Holloman AFB
New Mexico 88330

Air Force Special Weapons Center (AFSWC)
Kirtland AFB
New Mexico 87117

Air Proving Ground Center (APGC)
Eglin AFB
Florida 32542

Arnold Engineering Development Center (AEDC)
Arnold AF Station
Tullahoma, Tennessee 37389

APPENDIX C

OAR Research Projects

| <u>Program Element</u> | | <u>DRS Subelement</u> | |
|------------------------|--|-----------------------|---------------------------------|
| <u>No.</u> | <u>Title</u> | <u>No.</u> | <u>Title</u> |
| 61102F | Defense Research Sciences | 01 | General Physics |
| | | 02 | Nuclear Physics |
| | | 03 | Chemistry |
| | | 04 | Mathematical Sciences |
| | | 05 | Electronics |
| | | 06 | Materials Research |
| | | 07 | Mechanics |
| | | 08 | Energy Conversion |
| | | 09 | Terrestrial Sciences |
| | | 10 | Atmospheric Sciences |
| | | 11 | Astronomy and Astrophysics |
| | | 12 | Biological and Medical Sciences |
| | | 13 | Behavioral and Social Sciences |
| | | 14 | University Programs |
| 62101F | Environment (Exploratory Development) | | |
| 62403F | Aerospace Avionics (Exploratory Development) | | |
| 62702F | Ground Electronics (Exploratory Development) | | |
| 63403F | Aerospace Research Support (Advanced Development) | | |
| 63404F | Satellites, Balloons, and Rockets (Advanced Development) | | |

LIST OF OAR PROJECTS

| <u>PROJ</u> | <u>PROGRAM
ELEMENT</u> | <u>TITLE</u> | <u>SUBELEMENT</u> | <u>RESPON-
SIBLE
ACTIVITY</u> |
|-------------|----------------------------|---|-------------------------------|---------------------------------------|
| 4062 | 62101F | Electromagnetic Wave Propagation in
Dynam Situations | | AFCRL |
| 4150 | 61102F | Solid Surface Electronics | Electronics | AFAL |
| 4152 | 61102F | Plasma Electronics | Electronics | AFAL |
| 4600 | 62702F | Electromagnetic Radiation Techniques | | AFCRL |
| 4603 | 62101F | Long Wave Sources and Fields | | AFCRL |
| 4608 | 62403F | Physics of Radiation Resistant Solid
State Devices | | AFCRL |
| 4610 | 62702F | Information Processes for
Communication | | AFCRL |
| 4641 | 62702F | Advanced Data Processing Technology | | AFCRL |
| 4642 | 62101F | Interaction of EM Rad with Ionized
Flow Fields | | AFCRL |
| 4643 | 62101F | Radio Astronomical Studies | | AFCRL |
| 4645 | 62403F | Coherent Optical Device Physics | | AFCRL |
| 4648 | 62702F | Methods for Processing Complex
Information | | AFCRL |
| 4691 | 62101F | Aeronautical Kinetics | | AFCRL |
| 4751 | 61102F | Joint Services Electronics Program | Electronics | AFOSR |
| 5579 | 62101F | Electromagnetic Propagation Tech | | RADC |
| 5620 | 61102F | Syn/Prop Electromag Materials | General Physics | AFCRL |
| 5621 | 61102F | Solid State Phenomena | General Physics | AFCRL |
| 5628 | 61102F | Communications Processes | Electronics | AFCRL |
| 5629 | 61102F | Radio Astronomy and Astrophysics | Astronomy and
Astrophysics | AFCRL |
| 5631 | 61102F | Ionospheric Radio Physics | Atmospheric Sci | AFCRL |
| 5632 | 61102F | Rsch in Electronic Info | Electronics | AFCRL |
| 5633 | 61102F | Upper Atmospheric Dynamics | Atmospheric Sci | AFCRL |
| 5634 | 61102F | Rsch in Optical Physics | Electronics | AFCRL |
| 5635 | 61102F | Electromagnetic Radiation | Electronics | AFCRL |
| 5638 | 61102F | Solid State Electronics | Electronics | AFCRL |
| 6020 | 62101F | Aircraft Meteorological Sensors
and Tech | | AFCRL |
| 6665 | 63404F | Plastic Balloon Components and Tech | | AFCRL |
| 6670 | 62101F | Atmospheric Sensing Tech | | AFCRL |
| 6672 | 62101F | Weather Radar Tech | | AFCRL |
| 6687 | 62101F | Aerospace Composition | | AFCRL |
| 6688 | 62101F | Solar Ultraviolet Radiation | | AFCRL |
| 6690 | 62101F | Aerospace Density | | AFCRL |
| 6698 | 62101F | Satellite Meteorology | | AFCRL |
| 6952 | 61102F | Exp Tech in Supersonic Combustion | Energy Conversion | AEDC |

| <u>PROJ</u> | <u>PROGRAM
ELEMENT</u> | <u>TITLE</u> | <u>SUBELEMENT</u> | <u>RESPON-
SIBLE
ACTIVITY</u> |
|-------------|----------------------------|---|-------------------|---------------------------------------|
| 7021 | 61102F | Structure and Properties of Solids | Materials Rsch | ARL |
| 7023 | 61102F | Chemical Prop & Proc | Chemistry | ARL |
| 7031 | 61102F | Ferroelec Phen & Theor Concepts-
Info Handling | Electronics | AFAL |
| 7043 | 63403F | Aerospace Research Support Prog | | OAR |
| 7063 | 61002F | Thermomechanics Rsch | Mechanics | ARL |
| 7064 | 61002F | High Velocity Fluid Mech | Mechanics | ARL |
| 7065 | 61102F | Aerospace Simulation Tech Rsch | Mechanics | ARL |
| 7071 | 61102F | Rsch in Applied Math | Math Sciences | ARL |
| 7073 | 61102F | Plasma Dynamics Rsch | General Physics | ARL |
| 7112 | 61102F | Nuclear Physics | Nuclear Physics | ARL |
| 7114 | 61102F | General Physics | General Physics | ARL |
| 7116 | 61102F | Energy Conversion Rsch | Energy Conversion | ARL |
| 7163 | 61102F | Rsch Biomechanisms and Metabolism | Bio & Med Sci | AMD |
| 7183 | 61102F | Psych Rsch on Human Performance | Behav & Soc Sci | AMD |
| 7220 | 61102F | Biophysics Rsch | Bio & Med Sci | AMD |
| 7232 | 61102F | Logic of Nervous Systems | Bio & Med Sci | AMD |
| 7234 | 61102F | Rsch in Terminal Effects | Mechanics | AFATL |
| 7235 | 61102F | Isocon Image Amplification | General Physics | ARL |
| 7342 | 61102F | Rsch on Macromolecules | Materials Rsch | AFML |
| 7353 | 61102F | Rsch on Metals | Materials Rsch | AFML |
| 7367 | 61102F | Characterization of Materials | Materials Rsch | AFML |
| 7600 | 62101F | Geodesy for Naviguance | | AFCRL |
| 7601 | 62101F | Electric and Magnetic Fields | | AFCRL |
| 7605 | 62101F | Weather Modification | | AFCRL |
| 7621 | 62101F | Atmospheric Optics | | AFCRL |
| 7628 | 62101F | Terrestrial Geology | | AFCRL |
| 7635 | 62101F | Upper Atmosphere Chemical Physics | | AFCRL |
| 7637 | 62101F | Air Pressure Pulse | | AFCRL |
| 7639 | 62101F | Elastic Wave Propagation Studies | | AFCRL |
| 7649 | 62101F | Solar Environmental Effects | | AFCRL |
| 7655 | 62101F | Micrometeorology | | AFCRL |
| 7659 | 62101F | Aerospace Rsch Instrumentation | | AFCRL |
| 7661 | 62101F | Aurora and Airglow | | AFCRL |
| 7663 | 62101F | Ionospheric Characteristics | | AFCRL |
| 7667 | 62101F | Meteor Physics | | AFCRL |
| 7670 | 62101F | Geophysical Effects on IR Radiation | | AFCRL |
| 7885 | 61102F | Rsch in Solid State Physics | General Physics | ARL |
| 7900 | 61102F | Rsch in Math Sci | Math Sciences | ORA |
| 7903 | 61102F | Chemical Synthesis and Character-
ization | Chemistry | FJSRL |
| 7904 | 61102F | Optimization, Programming and
Control | Math Sciences | FJSRL |
| 7905 | 61102F | Mechanics of Fluids | Mechanics | FJSRL |
| 7906 | 61102F | Basic Rsch in Math and Computer Base
Methods of Simulating AF Pers. Sys. | Behav & Soc Sci | AFHRL |
| 7907 | 61102F | Human Learning & Motivation | Behav & Soc Sci | AFHRL |

| <u>PROJ</u> | <u>PROGRAM
ELEMENT</u> | <u>TITLE</u> | <u>SUBELEMENT</u> | <u>RESPON-
SIBLE
ACTIVITY</u> |
|-------------|----------------------------|---|---------------------------------|---------------------------------------|
| 7909 | 61102F | Rsch in Management Sci | Math Sciences | ORA |
| 7910 | 61102F | Rsch Analysis Studies | Math Sciences | ORA |
| 7921 | 61102F | THEMIS | Univ Program | AFOSR |
| 7922 | 61102F | THEMIS | Univ Program | AFCRL |
| 7923 | 61102F | THEMIS | Univ Program | ARL |
| 7924 | 61102F | THEMIS | Univ Program | AFML |
| 8505 | 61102F | Rsch on System Theory | Electronics | RADC |
| 8600 | 61102F | Rsch on Cosmic Radiation | Astronomy and
Astrophysics | AFCRL |
| 8601 | 61102F | Rsch on Geomagnetism | Astronomy and
Astrophysics | AFCRL |
| 8602 | 61102F | Lunar-Planetary Spectra | Astronomy and
Astrophysics | AFCRL |
| 8603 | 61102F | Rsch on IR and Optical Techniques | Atmospheric Sci | AFCRL |
| 8604 | 61102F | Meteorological Rsch | Atmospheric Sci | AFCRL |
| 8605 | 61102F | Upper Atmosphere Structure | Atmospheric Sci | AFCRL |
| 8607 | 61102F | Rsch in Geodesy and Gravity | Terrestrial Sci | AFCRL |
| 8608 | 61102F | Plasma Dynamics Astrophysics | Astronomy and
Astrophysics | AFCRL |
| 8617 | 61102F | Electrical Structure of Aerospace | Atmospheric Sci | AFCRL |
| 8620 | 61102F | Rsch on Cloud Physics | Atmospheric Sci | AFCRL |
| 8623 | 61102F | Geolog Prop: Min, Land/Crust | Terrestrial Sci | AFCRL |
| 8624 | 62101F | Variability of Meteorological
Elements | | AFCRL |
| 8627 | 61102F | Spectroscopic Studies of Upper
Atmosphere | Atmospheric Sci | AFCRL |
| 8628 | 62101F | Free Air Circulations | | AFCRL |
| 8635 | 61102F | Rsch on Physical Processes | Astronomy and
Astronophysics | AFCRL |
| 8647 | 61102F | Magnetohydrodynamics & Space
Physics | Astronomy and
Astrophysics | AFCRL |
| 8654 | 61102F | Aerospace Geodesy | Terrestrial Sci | AFCRL |
| 8658 | 61102F | IR Non-Equil Radiat Mech | Atmospheric Sci | AFCRL |
| 8659 | 61102F | Energetic Processes Rsch | Energy Conversion | AFCRL |
| 8666 | 62101F | Space Environ Obsvg and Forecasting
Techniques | | AFCRL |
| 8679 | 62101F | Aerosol Interactions | | AFCRL |
| 8682 | 62101F | Millimeter-Wave Propagation Rsch | | AFCRL |
| 8803 | 61102F | Pers Hzrds Assoc with Ambient
Space Radiation | Bio & Med Sci | AFWL |
| 8806 | 61102F | Optical Properties of Matter | General Physics | AFWL |
| 8951 | 61102F | Rsch on Far Hypersonics | Mechanics | AEDC |
| 9536 | 61102F | Chem Instrumentation & Techniques | Chemistry | AFOSR |
| 9537 | 61102F | Structural Chemistry | Chemistry | AFOSR |
| 9538 | 61102F | Chemical Energetics | Chemistry | AFOSR |
| 9539 | 61102F | Theoretical Chemistry | Chemistry | AFOSR |
| 9540 | 61102F | Chemical Synthesis | Chemistry | AFOSR |

| <u>PROJ</u> | <u>PROGRAM
ELEMENT</u> | <u>TITLE</u> | <u>SUBELEMENT</u> | <u>RESPON-
SIBLE
ACTIVITY</u> |
|-------------|----------------------------|--|-------------------------------|---------------------------------------|
| 9710 | 61102F | Inorganic Chemistry | Chemistry | AFOSR |
| 9711 | 61102F | Rsch in Combustion Dynamics | Energy Conversion | AFOSR |
| 9713 | 61102F | Principia | Energy Conversion | AFOSR |
| 9730 | 61102F | Rsch Investigation UFO | Atmospheric Sci | AFOSR |
| 9731 | 61102F | Tectonophysics | Terrestrial Sci | AFOSR |
| 9748 | 61102F | Policy Planning Studies | Behav & Soc Sci | AFOSR |
| 9749 | 61102F | Rsch in Math Sciences | Math Sciences | AFOSR |
| 9750 | 61102F | Propulsion Chemistry | Energy Conversion | AFOSR |
| 9751 | 61102F | Nuclear Physics | Nuclear Physics | AFOSR |
| 9752 | 61102F | Physical Energetics | Energy Conversion | AFOSR |
| 9760 | 61102F | Physical Chemistry | Chemistry | AFOSR |
| 9761 | 61102F | Solid State Materials | General Physics | AFOSR |
| 9762 | 61102F | Organic Chemistry | Chemistry | AFOSR |
| 9763 | 61102F | Solid State Physics | General Physics | AFOSR |
| 9764 | 61102F | National Magnet Lab | General Physics | AFOSR |
| 9767 | 61102F | Physics of Atoms, Molecules,
Waves, and Plasmas | General Physics | AFOSR |
| 9768 | 61102F | Info Communications and Electronic
Eng Sci | Electronics | AFOSR |
| 9769 | 61102F | Rsch in Information Sciences | Math Sciences | AFOSR |
| 9774 | 61102F | Interplanetary, Stellar & Galactic
Physics | Astronomy and
Astrophysics | AFOSR |
| 9777 | 61102F | Rsch in Bio and Med Sciences | Bio & Med Sci | AFOSR |
| 9778 | 61102F | Rsch in Behavioral Sciences | Behav & Soc Sci | AFOSR |
| 9779 | 61102F | Rsch in Social Sciences | Behav & Soc Sci | AFOSR |
| 9781 | 61102F | Dynamics of Flow Fields | Mechanics | AFOSR |
| 9782 | 61102F | Rsch in Solid Mechanics | Mechanics | AFOSR |
| 9783 | 61102F | Rarefied Gas and Plasma Dynamics | Mechanics | AFOSR |
| 9860 | 61102F | Rsch Viscous Mech Extremes | Mechanics | AFATL |

DOCUMENT CONTROL DATA - R & D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

| | | | |
|---|--|---|------------------------|
| 1. ORIGINATING ACTIVITY (Corporate author)
Hq Office of Aerospace Research
1400 Wilson Blvd.
Arlington, Va. 22209 | | 2a. REPORT SECURITY CLASSIFICATION
UNCLASSIFIED | |
| | | 2b. GROUP
N/A | |
| 3. REPORT TITLE

<u>OAR Index of Research Results, 1967-1968</u> | | | |
| 4. DESCRIPTIVE NOTES (Type of report and inclusive dates)

Management Recurring | | | |
| 5. AUTHOR(S) (First name, middle initial, last name)

N/A | | | |
| 6. REPORT DATE
June 1969 | | 7a. TOTAL NO. OF PAGES
1250 | 7b. NO. OF REFS
N/A |
| 8a. CONTRACT OR GRANT NO.
N/A | | 8a. ORIGINATOR'S REPORT NUMBER(S)

N/A | |
| b. PROJECT NO.
N/A | | | |
| c.
N/A | | 9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report) | |
| d.
N/A | | OAR 69-0010 AD 692501 | |
| 10. DISTRIBUTION STATEMENT

1. This document has been approved for public release and sale; its distribution is unlimited. | | | |
| 11. SUPPLEMENTARY NOTES

N/A | | 12. SPONSORING MILITARY ACTIVITY
Hq OAR (RRY)
1400 Wilson Blvd.
Arlington, Va. 22209 | |
| 13. ABSTRACT

This <u>Index</u> is designed to identify all scientific and technical reports published by the various OAR subordinate units during 1967-1968, as well as the results of research sponsored by OAR at the AFSC laboratories during this same period. It is also intended to furnish a ready reference for the identification of technical reports produced under certain contracts, grants or projects.

The publication includes a Bibliography (Section I) of research results organized into subsections and cross referenced by a Corporate-Author Index, an Author Index, a Contract/Grant-Number Index, a Project-Number Index, an AD-Number Index, and a KWIC (Keyword-in-Context)-Type Subject Index (Sections II-VII).

In addition, there are three Appendices to assist the user to reference pertinent reports to the relevant Air Force R&D organizations and projects. | | | |

DD FORM 1473
1 NOV 65UNCLASSIFIED
Security Classification

| 14. KEY WORDS | LINK A | | LINK B | | LINK C | |
|---------------------------------|--------|----|--------|----|--------|----|
| | ROLE | WT | ROLE | WT | ROLE | WT |
| General Physics | | | | | | |
| Nuclear Physics | | | | | | |
| Chemistry | | | | | | |
| Mathematical Sciences | | | | | | |
| Electronics | | | | | | |
| Materials Research | | | | | | |
| Mechanics | | | | | | |
| Energy Conversion | | | | | | |
| Terrestrial Sciences | | | | | | |
| Atmospheric Sciences | | | | | | |
| Astronomy and Astrophysics | | | | | | |
| Biological and Medical Sciences | | | | | | |
| Behavioral and Social Sciences | | | | | | |
| University Programs | | | | | | |
| QAR Exploratory Development | | | | | | |
| Advanced Development | | | | | | |

UNCLASSIFIED

Security Classification